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► B **COUNCIL REGULATION (EU) No 833/2014**
of 31 July 2014
concerning restrictive measures in view of Russia's actions destabilising the situation in Ukraine
(OJ L 229, 31.7.2014, p. 1)

Amended by:

		Official Journal		
		No	page	date
► <u>M1</u>	Council Regulation (EU) No 960/2014 of 8 September 2014	L 271	3	12.9.2014
► <u>M2</u>	Council Regulation (EU) No 1290/2014 of 4 December 2014	L 349	20	5.12.2014
► <u>M3</u>	Council Regulation (EU) 2015/1797 of 7 October 2015	L 263	10	8.10.2015
► <u>M4</u>	Council Regulation (EU) 2017/2212 of 30 November 2017	L 316	15	1.12.2017
► <u>M5</u>	Commission Implementing Regulation (EU) 2019/1163 of 5 July 2019	L 182	33	8.7.2019
► <u>M6</u>	Council Regulation (EU) 2022/262 of 23 February 2022	L 42 I	74	23.2.2022
► <u>M7</u>	Council Regulation (EU) 2022/328 of 25 February 2022	L 49	1	25.2.2022
► <u>M8</u>	Council Regulation (EU) 2022/334 of 28 February 2022	L 57	1	28.2.2022
► <u>M9</u>	Council Regulation (EU) 2022/345 of 1 March 2022	L 63	1	2.3.2022
► <u>M10</u>	Council Regulation (EU) 2022/350 of 1 March 2022	L 65	1	2.3.2022
► <u>M11</u>	Council Regulation (EU) 2022/394 of 9 March 2022	L 81	1	9.3.2022
► <u>M12</u>	Council Regulation (EU) 2022/428 of 15 March 2022	L 87 I	13	15.3.2022
► <u>M13</u>	Council Regulation (EU) 2022/576 of 8 April 2022	L 111	1	8.4.2022
► <u>M14</u>	Commission Implementing Regulation (EU) 2022/595 of 11 April 2022	L 114	60	12.4.2022
► <u>M15</u>	Council Regulation (EU) 2022/879 of 3 June 2022	L 153	53	3.6.2022

► <u>M16</u>	Council Regulation (EU) 2022/1269 of 21 July 2022	L 193	1	21.7.2022
► <u>M17</u>	Council Regulation (EU) 2022/1904 of 6 October 2022	L 259 I	3	6.10.2022
► <u>M18</u>	Council Regulation (EU) 2022/2367 of 3 December 2022	L 311 I	1	3.12.2022
► <u>M19</u>	Commission Implementing Regulation (EU) 2022/2368 of 3 December 2022	L 311 I	5	3.12.2022
► <u>M20</u>	Council Regulation (EU) 2022/2474 of 16 December 2022	L 322 I	1	16.12.2022
► <u>M21</u>	Council Implementing Regulation (EU) 2023/180 of 27 January 2023	L 26	1	30.1.2023
► <u>M22</u>	Council Regulation (EU) 2023/250 of 4 February 2023	L 32 I	1	4.2.2023
► <u>M23</u>	Commission Implementing Regulation (EU) 2023/251 of 4 February 2023	L 32 I	4	4.2.2023
► <u>M24</u>	Council Regulation (EU) 2023/427 of 25 February 2023	L 59 I	6	25.2.2023
► <u>M25</u>	Council Regulation (EU) 2023/1214 of 23 June 2023	L 159 I	1	23.6.2023
► <u>M26</u>	Council Regulation (EU) 2023/2878 of 18 December 2023	L 2878	1	18.12.2023
► <u>M27</u>	Council Regulation (EU) 2024/576 of 12 February 2024	L 576	1	14.2.2024
► <u>M28</u>	Council Regulation (EU) 2024/745 of 23 February 2024	L 745	1	23.2.2024
► <u>M29</u>	Council Regulation (EU) 2024/1428 of 17 May 2024	L 1428	1	17.5.2024
► <u>M30</u>	Council Regulation (EU) 2024/1469 of 21 May 2024	L 1469	1	22.5.2024
► <u>M31</u>	Council Regulation (EU) 2024/1745 of 24 June 2024	L 1745	1	24.6.2024
► <u>M32</u>	Commission Implementing Regulation (EU) 2024/2465 of 10 September 2024	L 2465	1	12.9.2024

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- **C1** Corrigendum, OJ L 246, 21.8.2014, p. 59 (833/2014)
- **C2** Corrigendum, OJ L 114, 12.4.2022, p. 212 (2022/328)
- **C3** Corrigendum, OJ L 114, 12.4.2022, p. 214 (833/2014)
- **C4** Corrigendum, OJ L 119, 21.4.2022, p. 114 (2022/394)
- **C5** Corrigendum, OJ L 190, 19.7.2022, p. 191 (2022/576)
- **C6** Corrigendum, OJ L 202, 2.8.2022, p. 58 (2022/576)
- **C7** Corrigendum, OJ L 90606, 4.10.2024, p. 1 (2024/1745)
- **C8** Corrigendum, OJ L 90647, 24.10.2024, p. 1 (2024/1745)

▼B**COUNCIL REGULATION (EU) No 833/2014****of 31 July 2014****concerning restrictive measures in view of Russia's actions
destabilising the situation in Ukraine****▼M7***Article 1*

For the purposes of this Regulation, the following definitions apply:

- (a) ‘dual-use goods and technology’ means the items listed in Annex I to Regulation (EU) 2021/821 of the European Parliament and of the Council ⁽¹⁾;
- (b) ‘competent authorities’ means the competent authorities of the Member States as identified on the websites listed in Annex I;
- (c) ‘technical assistance’ means any technical support related to repairs, development, manufacture, assembly, testing, maintenance, or any other technical service, and may take forms such as instruction, advice, training, transmission of working knowledge or skills or consulting services, including verbal forms of assistance;
- (d) ‘brokering services’ means:
 - (i) the negotiation or arrangement of transactions for the purchase, sale or supply of goods and technology or of financial and technical services, including from a third country to any other third country, or
 - (ii) the selling or buying of goods and technology or of financial and technical services, including where they are located in third countries for their transfer to another third country;
- (e) ‘investment services’ means the following services and activities:
 - (i) reception and transmission of orders in relation to one or more financial instruments;
 - (ii) execution of orders on behalf of clients;
 - (iii) dealing on own account;
 - (iv) portfolio management;
 - (v) investment advice;
 - (vi) underwriting of financial instruments and/or placing of financial instruments on a firm commitment basis;
 - (vii) placing of financial instruments without a firm commitment basis;
 - (viii) any service in relation to the admission to trading on a regulated market or trading on a multilateral trading facility;

⁽¹⁾ Regulation (EU) 2021/821 of the European Parliament and of the Council of 20 May 2021 setting up a Union regime for the control of exports, brokering, technical assistance, transit and transfer of dual-use items (recast) (OJ L 206, 11.6.2021, p. 1).

▼ M11

- (f) ‘transferable securities’ means the following classes of securities, including in the form of crypto-assets, which are negotiable on the capital market, with the exception of instruments of payment:

▼ M7

- (i) shares in companies and other securities equivalent to shares in companies, partnerships or other entities, and depositary receipts in respect of shares,
- (ii) bonds or other forms of securitised debt, including depositary receipts in respect of such securities,
- (iii) any other securities giving the right to acquire or sell any such transferable securities or giving rise to a cash settlement determined by reference to transferable securities;
- (g) ‘money-market instruments’ means those classes of instruments which are normally dealt in on the money market, such as treasury bills, certificates of deposit and commercial papers and excluding instruments of payment;
- (h) ‘credit institution’ means an undertaking, the business of which is to take deposits or other repayable funds from the public and to grant credit for its own account;
- (i) ‘territory of the Union’ means the territories of the Member States to which the Treaty is applicable, under the conditions laid down in the Treaty, including their airspace;
- (j) ‘central securities depository’ means a legal person as defined in point 1 of Article 2(1) of Regulation (EU) No 909/2014 of the European Parliament and of the Council ⁽¹⁾;
- (k) ‘deposit’ means a credit balance which results from funds left in an account or from temporary situations deriving from normal banking transactions and which a credit institution is required to repay under the legal and contractual conditions applicable, including a fixed-term deposit and a savings deposit, but excluding a credit balance where:
- (i) its existence can only be proven by a financial instrument as defined in Article 4(1)(15) of Directive 2014/65/EU of the European Parliament and of the Council ⁽²⁾, unless it is a savings product which is evidenced by a certificate of deposit made out to a named person and which exists in a Member State on 2 July 2014;
- (ii) its principal is not repayable at par;
- (iii) its principal is only repayable at par under a particular guarantee or agreement provided by the credit institution or a third party;

⁽¹⁾ Regulation (EU) No 909/2014 of the European Parliament and of the Council of 23 July 2014 on improving securities settlement in the European Union and on central securities depositories and amending Directives 98/26/EC and 2014/65/EU and Regulation (EU) No 236/2012 (OJ L 257, 28.8.2014, p. 1).

⁽²⁾ Directive 2014/65/EU of the European Parliament and of the Council of 15 May 2014 on markets in financial instruments and amending Directive 2002/92/EC and Directive 2011/61/EU (OJ L 173, 12.6.2014, p. 349).

▼ M7

- (l) ‘investor citizenship schemes’ (or ‘golden passports’) means the procedures put in place by a Member State, which allow third-country nationals to acquire its nationality in exchange for pre-determined payments and investments;
- (m) ‘investor residence schemes’ (or ‘golden visas’) means the procedures put in place by a Member State, which allow third-country nationals to obtain a residence permit in a Member State in exchange for pre-determined payments and investments;
- (n) ‘trading venue’, as defined in Article 4(1)(24) of Directive 2014/65/EU, means a regulated market, a multilateral trading facility (MTF) or an organised trading facility (OTF);
- (o) ‘financing or financial assistance’ means any action, irrespective of the particular means chosen, whereby the person, entity or body concerned, conditionally or unconditionally, disburses or commits to disburse its own funds or economic resources, including but not limited to grants, loans, guarantees, suretyships, bonds, letters of credit, supplier credits, buyer credits, import or export advances and all types of insurance and reinsurance, including export credit insurance; payment as well as terms and conditions of payment of the agreed price for a good or a service, made in line with normal business practice, do not constitute financing or financial assistance;
- (p) ‘partner country’ means a country applying a set of export control measures substantially equivalent to those set out in this Regulation, as identified in Annex VIII;
- (q) ‘consumer communication devices’ means devices used by private individuals such as personal computers and peripherals (including hard drives and printers), mobile telephones, smart televisions, memory devices (USB drives), and consumer software for all of these items;

▼ M8

- (r) ‘Russian air carrier’ means an air transport undertaking holding a valid operating licence or equivalent issued by the competent authorities of the Russian Federation;

▼ M12

- (s) ‘credit rating’ means an opinion regarding the creditworthiness of an entity, a debt or financial obligation, debt security, preferred share or other financial instrument, or of an issuer of such a debt or financial obligation, debt security, preferred share or other financial instrument, issued using an established and defined ranking system of rating categories;
- (t) ‘credit rating activities’ means data and information analysis and the evaluation, approval, issuing and review of credit ratings;

▼ M26

- (u) ‘energy sector’ means a sector covering the following activities with the exception of civil nuclear related activities, such as the Paks II project:

▼ M12

- (i) the exploration, production, distribution within Russia or mining of crude oil, natural gas or solid fossil fuels, the refining of fuels, the liquefaction of natural gas or regasification;
- (ii) the manufacture or distribution within Russia of solid fossil fuel products, refined petroleum products or gas; or
- (iii) the construction of facilities or installation of equipment for, or the provision of services, equipment or technology for, activities related to power generation or electricity production;

▼ M13

- (v) ‘public procurement Directives’ means Directives 2014/23/EU ⁽¹⁾, 2014/24/EU ⁽²⁾, 2014/25/EU ⁽³⁾ and 2009/81/EC ⁽⁴⁾ of the European Parliament and of the Council;
- (w) ‘road transport undertaking’ means any natural or legal person, entity or body engaged with a commercial purpose in the transport of freight by means of motor vehicles or combinations of vehicles;

▼ M20

- (x) ‘mining and quarrying sector’ means a sector covering the location, extraction, management and processing activities relating to non-energy producing materials;

▼ M24

- (y) ‘critical entities’ means entities as defined in Article 2(1) of Directive (EU) 2022/2557 of the European Parliament and of the Council ⁽⁵⁾;
- (z) ‘critical infrastructure’ means infrastructure as defined in Article 2(a) of Council Directive 2008/114/EC ⁽⁶⁾ and Article 2(4) of Directive (EU) 2022/2557;

⁽¹⁾ Directive 2014/23/EU of the European Parliament and of the Council of 26 February 2014 on the award of concession contracts (OJ L 94, 28.3.2014, p. 1).

⁽²⁾ Directive 2014/24/EU of the European Parliament and of the Council of 26 February 2014 on public procurement and repealing Directive 2004/18/EC (OJ L 94, 28.3.2014, p. 65).

⁽³⁾ Directive 2014/25/EU of the European Parliament and of the Council of 26 February 2014 on procurement by entities operating in the water, energy, transport and postal services sectors and repealing Directive 2004/17/EC (OJ L 94, 28.3.2014, p. 243).

⁽⁴⁾ Directive 2009/81/EC of the European Parliament and of the Council of 13 July 2009 on the coordination of procedures for the award of certain works contracts, supply contracts and service contracts by contracting authorities or entities in the fields of defence and security, and amending Directives 2004/17/EC and 2004/18/EC (OJ L 216, 20.8.2009, p. 76).

⁽⁵⁾ Directive (EU) 2022/2557 of the European Parliament and of the Council of 14 December 2022 on the resilience of critical entities and repealing Council Directive 2008/114/EC (OJ L 333, 27.12.2022, p. 164).

⁽⁶⁾ Council Directive 2008/114/EC of 8 December 2008 on the identification and designation of European critical infrastructures and the assessment of the need to improve their protection (OJ L 345, 23.12.2008, p. 75).

▼ M24

- (za) ‘European critical infrastructure’ means infrastructure as defined in Article 2(b) of Directive 2008/114/EC;
- (zb) ‘owners or operators of critical infrastructures’ means those entities responsible for investments in, and/or day- to-day operation of, a particular asset, system or part thereof designated as critical infrastructure or European critical infrastructure;

▼ M26

- (zc) ‘partner country for importation of iron and steel’ means a country applying a set of restrictive measures on imports of iron and steel substantially equivalent to those set out in Article 3g, and a set of import control measures substantially equivalent to those set out in that Article, as identified in Annex XXXVI;
- (zd) ‘funds’ means financial assets and benefits of every kind, including, but not limited to:
 - (i) cash, cheques, claims on money, drafts, money orders and other payment instruments;
 - (ii) deposits with financial institutions or other entities, balances on accounts, debts and debt obligations;
 - (iii) publicly- and privately-traded securities and debt instruments, including stocks and shares, certificates representing securities, bonds, notes, warrants, debentures and derivatives contracts;
 - (iv) interest, dividends or other income on or value accruing from or generated by assets;
 - (v) credit, right of set-off, guarantees, performance bonds or other financial commitments;
 - (vi) letters of credit, bills of lading, bills of sale; and
 - (vii) documents showing evidence of an interest in funds or financial resources;

▼ M31

- (ze) ‘non-governmental organisation’ means a voluntary self-governing body or organisation established to pursue the essentially non-profit-making objectives of its founders or members;
- (zf) ‘transshipment operation’ means:
 - (i) ship-to-ship transfer, which is a simultaneous unloading and reloading operation with direct transfer from one liquefied natural gas vessel to another liquefied natural gas vessel; or
 - (ii) ship-to-shore transfer and reloading, which includes activities such as the unloading of liquefied natural gas from a vessel to a terminal tank, the stocking of liquefied natural gas into the tank, and the reloading onto a vessel; those activities can be commercialised as individual services or as bundled services.

▼ M7*Article 2*

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, dual-use goods and technology, whether or not originating in the Union, to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M24

1a. The transit via the territory of Russia of the dual-use goods and technology, as referred to in paragraph 1, exported from the Union shall be prohibited.

▼ M7

2. It shall be prohibited to:

- (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia;
- (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia;

▼ M25

(c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M7

3. Without prejudice to the authorisation requirements pursuant to Regulation (EU) 2021/821, the prohibitions in paragraphs 1 and 2 of this Article shall not apply to the sale, supply, transfer or export of dual-use goods and technology or to the related provision of technical and financial assistance, for non-military use and for a non-military end user, intended for:

- (a) humanitarian purposes, health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment or as a response to natural disasters;
- (b) medical or pharmaceutical purposes;
- (c) temporary export of items for use by news media;
- (d) software updates;
- (e) use as consumer communication devices; or

▼ M16
_____**▼ M7**

- (g) personal use of natural persons travelling to Russia or members of their immediate families travelling with them, and limited to personal effects, household effects, vehicles or tools of trade owned by those individuals and not intended for sale.

▼ M16

With the exception of point (g) of the first subparagraph, the exporter shall declare in the customs declaration that the items are being exported under the relevant exception set out in this paragraph and shall notify the competent authority of the Member State where the exporter is resident or established of the first use of the relevant exception within 30 days from the date when the first export took place.

▼ M24

3a. Without prejudice to the authorisation requirements pursuant to Regulation (EU) 2021/821, the prohibition in paragraph 1a of this Article shall not apply to the transit via the territory of Russia of dual-use goods and technology intended for the purposes set out in points (a) to (e) of paragraph 3 of this Article.

▼ M7

4. By way of derogation from paragraphs 1 and 2 of this Article, and without prejudice to the authorisation requirements pursuant to Regulation (EU) 2021/821, the competent authorities may authorise the sale, supply, transfer or export of dual-use goods and technology or the provision of related technical or financial assistance, for non-military use and for a non-military end user, after having determined that such goods or technology or the related technical or financial assistance are:

- (a) intended for cooperation between the Union, the governments of Member States and the government of Russia in purely civilian matters;
- (b) intended for intergovernmental cooperation in space programmes;

▼ M31

- (c) intended for the operation, maintenance, fuel retreatment and safety of civil nuclear capabilities, as well as civil nuclear cooperation, in particular in the field of research and development;

▼ M7

- (d) intended for maritime safety;

▼ M13

- (e) intended for civilian non-publicly available electronic communications networks which are not the property of an entity that is publicly controlled or with over 50 % public ownership;

▼ M7

- (f) intended for the exclusive use of entities owned, or solely or jointly controlled by a legal person, entity or body which is incorporated or constituted under the law of a Member State or of a partner country;

▼ M7

- (g) intended for the diplomatic representations of the Union, Member States and partner countries, including delegations, embassies and missions;

▼ M16

- (h) intended for ensuring cyber-security and information security for natural and legal persons, entities and bodies in Russia except for its government and undertakings directly or indirectly controlled by that government.

▼ M24

4a. By way of derogation from paragraph 1a, and without prejudice to the authorisation requirements pursuant to Regulation (EU) 2021/821, the competent authorities may authorise the transit via the territory of Russia of dual-use goods and technology after having determined that such goods or technology are intended for the purposes set out in points (b), (c), (d), and (h) of paragraph 4 of this Article.

▼ M7

5. By way of derogation from paragraphs 1 and 2 of this Article, and without prejudice to the authorisation requirements pursuant to Regulation (EU) 2021/821, the competent authorities may authorise the sale, supply, transfer or export of dual-use goods and technology or the provision of related technical or financial assistance, for non-military use and for a non-military end-user, after having determined that such goods or technology or the related technical or financial assistance are due under contracts concluded before 26 February 2022, or ancillary contracts necessary for the execution of such a contract, provided that the authorisation is requested before 1 May 2022.

6. All authorisations required under this Article shall be granted by the competent authorities in accordance with the rules and procedures laid down in Regulation (EU) 2021/821, which shall apply *mutatis mutandis*. The authorisation shall be valid throughout the Union.

7. When deciding on requests for authorisations referred to in paragraphs 4 and 5, the competent authorities shall not grant an authorisation if they have reasonable grounds to believe that:

▼ M13

- (i) the end-user might be a military end-user, a natural or legal person, entity or body in Annex IV or that the goods might have a military end-use, unless the sale, supply, transfer or export of goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance is allowed under paragraph 1(a) of Article 2b;
- (ii) the sale, supply, transfer or export of goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance is intended for aviation or the space industry, unless such sale, supply, transfer or export or the provision of related technical or financial assistance is allowed under paragraph 4(b); or

▼ M12

- (iii) the sale, supply, transfer or export of goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance is intended for the energy sector, unless such a sale, supply, transfer or export or the related technical or financial assistance is allowed under the exceptions referred to in paragraphs 3 to 6 of Article 3.

▼ M7

- 8. The competent authorities may annul, suspend, modify or revoke an authorisation which they have granted pursuant to paragraphs 4 and 5 if they deem that such annulment, suspension, modification or revocation is necessary for the effective implementation of this Regulation.

Article 2a

- 1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, goods and technology which might contribute to Russia's military and technological enhancement, or the development of the defence and security sector, as listed in Annex VII, whether or not originating in the Union, to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M25

- 1a. The transit via the territory of Russia of goods and technology which might contribute to Russia's military and technological enhancement or to the development of its defence and security sector, as listed in Annex VII, exported from the Union, shall be prohibited.

▼ M7

- 2. It shall be prohibited to:
 - (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of these goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia;
 - (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia;

▼ M25

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M7

- 3. The prohibitions in paragraphs 1 and 2 shall not apply to the sale, supply, transfer or export of the goods and technology referred to in paragraph 1 or to the related provision of technical and financial assistance, for non-military use and for a non-military end-user, intended for:

▼ M7

- (a) humanitarian purposes, health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters;
- (b) medical or pharmaceutical purposes;
- (c) temporary export of items for use by news media;
- (d) software updates;
- (e) use as consumer communication devices; or

▼ M16
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- (g) personal use of natural persons travelling to Russia or members of their immediate families travelling with them, and limited to personal effects, household effects, vehicles or tools of trade owned by those individuals and not intended for sale.

▼ M16

With the exception of point (g) of the first subparagraph, the exporter shall declare in the customs declaration that the items are being exported under the relevant exception set out in this paragraph and shall notify the competent authority of the Member State where the exporter is resident or established of the first use of the relevant exception within 30 days from the date when the first export took place.

▼ M25

3a. The prohibition in paragraph 1a shall not apply to the transit via the territory of Russia of goods and technology which might contribute to Russia's military and technological enhancement or to the development of its defence and security sector, as listed in Annex VII, intended for the purposes set out in points (a) to (e) of paragraph 3.

▼ M7

4. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the sale, supply, transfer or export of the goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance, for non-military use and for a non-military end-user, after having determined that such goods or technology or the related technical or financial assistance are:

- (a) intended for cooperation between the Union, the governments of Member States and the government of Russia in purely civilian matters;
- (b) intended for intergovernmental cooperation in space programmes;

▼ M31

- (c) intended for the operation, maintenance, fuel retreatment and safety of civil nuclear capabilities, as well as civil nuclear cooperation, in particular in the field of research and development;

▼ M7

- (d) intended for maritime safety;

▼ M13

- (e) intended for civilian non-publicly available electronic communications networks which are not the property of an entity that is publicly controlled or with over 50 % public ownership;

▼ M7

- (f) intended for the exclusive use of entities owned, or solely or jointly controlled by a legal person, entity or body which is incorporated or constituted under the law of a Member State or of a partner country;
- (g) intended for the diplomatic representations of the Union, Member States and partner countries, including delegations, embassies and missions;

▼ M16

- (h) intended for ensuring cyber-security and information security for natural and legal persons, entities and bodies in Russia except for its government and undertakings directly or indirectly controlled by that government; or

▼ M25

- (i) intended for the exclusive use and under the full control of the authorising Member State and in order to fulfil its maintenance obligations in areas which are under a long-term lease agreement between that Member State and the Russian Federation.

4a. By way of derogation from paragraph 1a, the competent authorities may authorise the transit via the territory of Russia of goods and technology which might contribute to Russia's military and technological enhancement or to the development of its defence and security sector, as listed in Annex VII, after having determined that such goods or technology are intended for the purposes set out in points (b), (c), (d), and (h) of paragraph 4.

▼ M7

5. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the sale, supply, transfer or export of the goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance, for non-military use and for a non-military end-user, after having determined that such goods or technology or the related technical or financial assistance are due under contracts concluded before 26 February 2022, or ancillary contracts necessary for the execution of such a contract, provided that the authorisation is requested before 1 May 2022.

6. All authorisations required under this Article shall be granted by the competent authorities in accordance with the rules and procedures laid down in Regulation (EU) 2021/821, which shall apply *mutatis mutandis*. The authorisation shall be valid throughout the Union.

7. When deciding on requests for authorisations referred to in paragraphs 4 and 5, the competent authorities shall not grant an authorisation if they have reasonable grounds to believe that:

▼ M13

- (i) the end-user might be a military end-user, a natural or legal person, entity or body in Annex IV or that the goods might have a military end-use, unless the sale, supply, transfer or export of goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance is allowed under paragraph 1 of Article 2b;
- (ii) the sale, supply, transfer or export of goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance is intended for aviation or the space industry, unless such sale, supply, transfer or export or the provision of related technical or financial assistance is allowed under paragraph 4(b); or

▼ M12

- (iii) the sale, supply, transfer or export of goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance is intended for the energy sector, unless such a sale, supply, transfer or export or the related technical or financial assistance is allowed under the exceptions referred to in paragraphs 3 to 6 of Article 3.

▼ M7

- 8. The competent authorities may annul, suspend, modify or revoke an authorisation which they have granted pursuant to paragraphs 4 and 5 if they deem that such annulment, suspension, modification or revocation is necessary for the effective implementation of this Regulation.

▼ M17*Article 2aa***▼ M25**

- 1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, firearms, their parts and essential components and ammunition as listed in Annex I to Regulation (EU) No 258/2012 of the European Parliament and of the Council ⁽¹⁾ and firearms and other arms as listed in Annex XXXV to this Regulation, whether or not originating in the Union, to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M24

- 1a. The transit via the territory of Russia of firearms, their parts and essential components and ammunition, as referred to in paragraph 1, exported from the Union shall be prohibited.

▼ M17

- 2. It shall be prohibited to:
 - (a) provide technical assistance, brokering services or other services related to the goods referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia;

⁽¹⁾ Regulation (EU) No 258/2012 of the European Parliament and of the Council of 14 March 2012 implementing Article 10 of the United Nations' Protocol against the illicit manufacturing of and trafficking in firearms, their Parts and components and ammunition, supplementing the United Nations Convention against Transnational Organised Crime (UN Firearms Protocol), and establishing export authorisation, and import and transit measures for firearms, their parts and components and ammunition (OJ L 94, 30.3.2012, p. 1).

▼ M17

- (b) provide financing or financial assistance related to the goods referred to in paragraph 1 for any sale, supply, transfer or export of those goods, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia;

▼ M25

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M7*Article 2b***▼ M12**

1. With regard to the natural or legal persons, entities or bodies listed in Annex IV, by way of derogation from Article 2(1) and (2) and Article 2a(1) and (2), and without prejudice to the authorisation requirements pursuant to Regulation (EU) 2021/821, the competent authorities may only authorise the sale, supply, transfer or export of dual use goods and technology, and goods and technology listed in Annex VII, or the provision of related technical or financial assistance after having determined that:

▼ M7

- (a) such goods or technology or the related technical or financial assistance are necessary for the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment; or
- (b) such goods or technology or the related technical or financial assistance are due under contracts concluded before 26 February 2022, or ancillary contracts necessary for the execution of such a contract, provided that the authorisation is requested before 1 May 2022.

2. All authorisations required under this Article shall be granted by the competent authorities of the Member State in accordance with the rules and procedures laid down in Regulation (EU) 2021/821, which shall apply *mutatis mutandis*. The authorisation shall be valid throughout the Union.

3. The competent authorities may annul, suspend, modify or revoke an authorisation which they have granted pursuant to paragraph 1 if they deem that such annulment, suspension, modification or revocation is necessary for the effective implementation of this Regulation.

Article 2c

1. The notification to the competent authority referred to in Articles 2(3) and 2a(3) shall be submitted by electronic means, whenever possible, on forms containing at least all the elements of, and in the order provided for in, the models set out in Annex IX.

▼ M7

2. All authorisations referred to in Articles 2, 2a and 2b shall be issued by electronic means, whenever possible, on forms containing at least all the elements of, and in the order provided for in, the models set out in Annex IX.

*Article 2d***▼ M25**

1. The competent authorities shall exchange information on the application of Articles 2, 2a and 2b with the other Member States and the Commission, including on any authorisation granted or denied and, in the event of suspected forum shopping or other cases as appropriate, on requests for authorisation received.

The competent authorities shall exchange information on the enforcement of Articles 2, 2a and 2b with the other Member States and the Commission, including on related infringements and penalties, as well as best practices of national enforcement authorities and the detection and prosecution of unauthorised exports. The exchange of information shall be carried out using the electronic system provided pursuant to Article 23(6) of Regulation (EU) 2021/821.

▼ M7

2. Information received as a result of the application of this Article shall be used only for the purpose for which it was requested, including the exchanges mentioned in paragraph 4.

Member States and the Commission shall ensure the protection of confidential information acquired in application of this Article in accordance with Union law and the respective national law.

Member States and the Commission shall ensure that classified information provided or exchanged under this Article is not downgraded or declassified without the prior written consent of the originator.

3. Before a Member State grants an authorisation in accordance with Articles 2, 2a and 2b for a transaction which is essentially identical to a transaction which is the subject of a still valid denial issued by another Member State or by other Member States, it shall first consult the Member State or Member States which issued the denial. If, following such consultations, the Member State concerned decides to grant an authorisation, it shall inform the other Member States and the Commission thereof, providing all relevant information to explain the decision.

▼ M11

3a. When a Member State grants an authorisation in accordance with Articles 2(4)(d), 2a(4)(d) and 3f(4) for the sale, supply, transfer or export of the goods and technology intended for maritime safety, it shall inform the other Member States and the Commission within two weeks of the authorisation.

▼ M9

4. The Commission, in consultation with the Member States shall, where appropriate and on the basis of reciprocity, exchange information with partner countries, with a view to supporting the effectiveness of export control measures under this Regulation and the consistent application of export control measures applied by partner countries.

▼ M7*Article 2e*

1. It shall be prohibited to provide public financing or financial assistance for trade with, or investment in, Russia.
2. The prohibition in paragraph 1 shall not apply to:
 - (a) binding financing or financial assistance commitments established prior to 26 February 2022;

▼ M11

- (b) the provision of public financing or financial assistance up to the total value of 10 000 000 EUR per project benefiting small and medium-sized enterprises established in the Union; or

▼ M7

- (c) the provision of public financing or financial assistance for trade in food, and for agricultural, medical or humanitarian purposes.

▼ M9

3. It shall be prohibited to invest, participate or otherwise contribute to projects co-financed by the Russian Direct Investment Fund.
4. By way of derogation from paragraph 3, the competent authorities may authorise, under such conditions as they deem appropriate, an investment participation in, or contribution to, projects co-financed by the Russian Direct Investment Fund, after having determined that such an investment participation or contribution is due under contracts concluded before 2 March 2022 or ancillary contracts necessary for the execution of such contracts.

▼ M10*Article 2f*

1. It shall be prohibited for operators to broadcast or to enable, facilitate or otherwise contribute to broadcast, any content by the legal persons, entities or bodies listed in Annex XV, including through transmission or distribution by any means such as cable, satellite, IP-TV, internet service providers, internet video-sharing platforms or applications, whether new or pre-installed.
2. Any broadcasting licence or authorisation, transmission and distribution arrangement with the legal persons, entities or bodies listed in Annex XV shall be suspended.

▼ M15

3. It shall be prohibited to advertise products or services in any content produced or broadcast by the legal persons, entities or bodies listed in Annex XV, including through transmission or distribution by any of the means referred to in paragraph 1.

▼ M12*Article 3*

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, goods or technology, as listed in Annex II, whether or not originating in the Union, to any natural or legal person, entity or body in Russia, including its Exclusive Economic Zone and Continental Shelf, or for use in Russia, including its Exclusive Economic Zone and Continental Shelf.

▼ M12

2. It shall be prohibited to:
 - (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia;
 - (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia;

▼ M25

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M12

3. The prohibitions in paragraphs 1 and 2 shall not apply to the sale, supply, transfer or export of goods or technology, or to the provision of technical or financial assistance, necessary for:

▼ M15

- (a) the transport of natural gas and oil, including refined petroleum products, unless prohibited under Article 3m or 3n, from or through Russia into the Union; or

▼ M12

- (b) the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment.

▼ M26

4. The prohibitions in paragraph 2 shall not apply until 20 June 2024 to the provision of insurance or reinsurance to any legal person, entity or body that is incorporated or constituted under the law of a Member State with regard to its activities outside the energy sector in Russia.

5. By way of derogation from paragraph 2, the competent authorities may authorise, under such conditions as they deem appropriate, the provision of insurance or reinsurance after 20 June 2024 to any legal person, entity or body that is incorporated or constituted under the law of a Member State with regard to its activities outside the energy sector in Russia.

▼ M12

6. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export and the provision of technical or financial assistance, after having determined that:

- (a) it is necessary for ensuring critical energy supply within the Union;
or

▼ M12

- (b) it is intended for the exclusive use of entities owned, or solely or jointly controlled by a legal person, entity or body which is incorporated or constituted under the law of a Member State.

7. The Member State or Member States concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 6 within two weeks of the authorisation.

▼ M20*Article 3a*

1. It shall be prohibited to:

▼ M31

- (a) acquire any new or extend any existing participation in any legal person, entity or body incorporated or constituted under the law of Russia or any other third country and operating in the energy sector in Russia, including projects under construction for the production of liquified natural gas;

▼ M20

- (b) grant or be part of any arrangement to grant any new loan or credit or otherwise provide financing, including equity capital, to any legal person, entity or body incorporated or constituted under the law of Russia or any other third country and operating in the energy sector in Russia, or for the documented purpose of financing such a legal person, entity or body;
- (c) create any new joint venture with any legal person, entity or body incorporated or constituted under the law of Russia or any other third country and operating in the energy sector in Russia;
- (d) provide investment services directly related to the activities referred to in points (a), (b) and (c).

2. It shall be prohibited to:

- (a) acquire any new or extend any existing participation in any legal person, entity or body incorporated or constituted under the law of Russia or any other third country and operating in the mining and quarrying sector in Russia;
- (b) grant or be part of any arrangement to grant any new loan or credit or otherwise provide financing, including equity capital, to any legal person, entity or body incorporated or constituted under the law of Russia or any other third country and operating in the mining and quarrying sector in Russia, or for the documented purpose of financing such a legal person, entity or body;
- (c) create any new joint venture with any legal person, entity or body incorporated or constituted under the law of Russia or any other third country and operating in the mining and quarrying sector in Russia;
- (d) provide investment services directly related to the activities referred to in points (a), (b) and (c).

▼ M20

3. By way of derogation from paragraph 1, the competent authorities may authorise, under such conditions as they deem appropriate, any activity referred to in paragraph 1 after having determined that:

- (a) it is necessary to ensure critical energy supply within the Union, as well as the transport of natural gas and oil, including refined petroleum products, unless prohibited under Article 3m or 3n, from or through Russia into the Union; or
- (b) it exclusively concerns a legal person, entity or body operating in the energy sector in Russia owned by a legal person, entity or body which is incorporated or constituted under the law of a Member State.

▼ M26

3a. By way of derogation from point (b) of paragraph 1 of this Article, the competent authorities may authorise, under such conditions as they deem appropriate, any activity referred to therein after having determined that, in accordance with point (b) of Article 5aa(3), such an activity is necessary to ensure the operation of a deep-water offshore gas project in the Mediterranean Sea in which a legal person, entity or body listed in Annex XIX was a minority shareholder before 31 October 2017 and remains so, provided that the project is solely or jointly controlled or operated by a legal person incorporated or constituted under the law of a Member State.

▼ M20

4. The Member State or Member States concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 3 within two weeks of the authorisation.

5. The prohibition in paragraph 2 shall not apply to mining and quarrying activities that yield their highest value from, or have as their primary objective, the production of any of the materials listed in Annex XXX.

▼ M7*Article 3b***▼ M13**

1. It shall be prohibited to sell, supply, transfer, or export, directly or indirectly, goods and technology suited for use in oil refining and liquefaction of natural gas, as listed in Annex X, whether or not originating in the Union, to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M7

2. It shall be prohibited to:

- (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M7

- (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any person, entity or body in Russia or for use in Russia;

▼ M25

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M7

3. The prohibitions in paragraphs 1 and 2 shall not apply to the execution until 27 May 2022 of contracts concluded before 26 February 2022, or ancillary contracts necessary for the execution of such contracts.

4. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the goods and technology listed in Annex X or the provision of related technical or financial assistance, after having determined that such goods or technology or the provision of related technical or financial assistance are necessary for the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment.

In duly justified cases of emergency, the sale, supply, transfer or export may proceed without prior authorisation, provided that the exporter notifies the competent authority within five working days after the sale, supply, transfer or export has taken place, providing detail about the relevant justification for the sale, supply, transfer or export without prior authorisation.

▼ M16

5. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 4 within two weeks of the authorisation.

▼ M7*Article 3c***▼ M13**

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, goods and technology suited for use in aviation or the space industry, as listed in Annex XI, and jet fuel and fuel additives as listed in Annex XX, whether or not originating in the Union, to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M25

1a. The transit via the territory of Russia of goods and technology suited for use in aviation or the space industry, as listed in Annex XI, and of jet fuel and fuel additives, as listed in Annex XX, exported from the Union, shall be prohibited.

▼ M7

2. It shall be prohibited to provide insurance and reinsurance, directly or indirectly, in relation to goods and technology listed in Annex XI to any person, entity or body in Russia or for use in Russia.

3. It shall be prohibited to provide any one or any combination of the following activities: overhaul, repair, inspection, replacement, modification or defect rectification of an aircraft or component, with the exception of pre-flight inspection, in relation to the goods and technology listed in Annex XI, directly or indirectly, to any natural or legal person, entity or body in Russia or for use in Russia.

4. It shall be prohibited to:

- (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.
- (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M25

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M26**▼ M13**

6. By way of derogation from paragraphs 1 and 4, the national competent authorities may authorise, under such conditions as they deem appropriate, the execution of an aircraft financial lease concluded before 26 February 2022 after having determined that:

- (a) it is strictly necessary to ensure lease re-payments to a legal person, entity or body incorporated or constituted under the law of a Member State which does not fall under any of the restrictive measures provided for in this Regulation; and
- (b) no economic resources will be made available to the Russian counterpart, with the exception of the transfer of ownership of the aircraft after full reimbursement of the financial lease.

▼ M17

6a. By way of derogation from paragraphs 1 and 4, the competent authorities may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the goods listed in Part B of Annex XI, or related technical assistance, brokering services, financing or financial assistance, after having determined that it is necessary for the production of titanium goods required in the aeronautic industry, for which no alternative supply is available.

▼ M20

6b. By way of derogation from paragraph 4, the competent authorities may authorise, under such conditions as they deem appropriate, the provision of technical assistance, related to the use of the goods and technology referred to in paragraph 1, after having determined that the provision of such technical assistance is necessary for avoiding collision between satellites, or their unintended re-entry into the atmosphere.

6c. By way of derogation from paragraphs 1 and 4, the competent authorities may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the goods falling under CN codes 8517 71 00, 8517 79 00 and 9026 00 00 listed in Part B of Annex XI, or related technical assistance, brokering services, financing or financial assistance, after having determined that it is necessary for medical or pharmaceutical purposes, or for humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance or for evacuations.

When deciding on requests for authorisations for medical, pharmaceutical or humanitarian purposes in accordance with this paragraph, the national competent authorities shall not grant an authorisation for exports to any natural or legal person, entity or body in Russia or for use in Russia, if they have reasonable grounds to believe that the goods might have a military end-use.

▼ M25

6d. By way of derogation from paragraph 1a, the competent authorities may authorise the transit via the territory of Russia of goods and technology suited for use in aviation or the space industry, as listed in Annex XI, and of jet fuels and fuel additives as listed in Annex XX, after having determined that such goods or technology are intended for the purposes set out in paragraphs 6a, 6b and 6c of this Article.

6e. By way of derogation from paragraph 1, the competent authorities may authorise the sale, supply, transfer or export of the goods listed in Part B of Annex XI, if the goods are intended for the exclusive use and under the full control of the authorising Member State and in order to fulfil its maintenance obligations in areas which are under a long-term lease agreement between that Member State and the Russian Federation.

▼ M31

6f. By way of derogation from paragraphs 1, 2 and 4, the competent authorities may authorise, under such conditions as they deem appropriate, the export and transfer of the goods falling under CN code 9026 00 00, as listed in Part B of Annex XI, that are physically located in the Union as of 25 June 2024 for the purposes of maintenance or repairs, or the provision of related technical assistance, brokering services or other services, insurance or reinsurance, or financing or financial assistance, after having determined that it is strictly necessary for the functioning of the Sakhalin-2 (Сахалин-2) Project to ensure Japan's energy security.

▼ M13

7. The Member State concerned shall inform the other Member States and the Commission of any authorisations granted under this Article within two weeks of the authorisation.

8. The prohibition in paragraph 1 shall be without prejudice to Articles 2(4)(b) and 2a(4)(b).

▼ M16

9. The prohibition in paragraph 4 point (a) shall not apply to the exchange of information aimed at establishing technical standards in the framework of the International Civil Aviation Organization in relation to goods and technology referred to in paragraph 1.

▼ M8*Article 3d***▼ M31**

1. It shall be prohibited for any aircraft operated by Russian air carriers, including as a marketing carrier in code-sharing or blocked-space arrangements, or for any Russian registered aircraft, or for any non-Russian-registered aircraft which is owned or chartered, or otherwise controlled by any Russian natural or legal person, entity or body, to land in, take off from or overfly the territory of the Union. The prohibition in this paragraph shall also apply to any other aircraft which is used for a non-scheduled flight and with regard to which a Russian natural or legal person, entity or body is in a position to effectively determine the place or time of its take-off or landing. The prohibition in this paragraph shall not apply to aircraft that have a maximum seating capacity of 4 persons and a maximum take-off mass of no more than 2000 kg when used for private, non-corporate, flights carried out within Union territory and airspace for recreational purposes or for the purpose of training for private pilot licences and related ratings with Union training providers.

1a. Without prejudice to paragraph 5, aircraft operators shall provide, for non-scheduled flights, information needed for the purpose of verifying compliance with paragraph 1, including among other information:

- (a) credible and satisfactory information regarding the actual ultimate beneficial owner of the aircraft and, where applicable, of the natural or legal person, entity or body ultimately chartering the aircraft; and
- (b) a general declaration, passenger manifest and other official documents displaying the full names, birth dates, birth places and nationalities of all passengers and the crew members, where reasonable grounds to suspect circumvention of the prohibition in paragraph 1 exist, based on factors such as routing and origin of the flight, or information about the relevant operator.

The information shall be provided upon request of the competent authorities of the Member State of departure, destination or overflying.

The information shall be provided in advance of landing in, taking off from or overflying the territory of the Union, within a deadline set by the competent authorities of the Member State or Member States concerned.

▼ M31

Any processing of personal data pursuant to this paragraph shall be carried out in accordance with this Regulation and with Regulation (EU) 2016/679 of the European Parliament and of the Council ⁽¹⁾ and Regulation (EU) 2018/1725 of the European Parliament and of the Council ⁽²⁾ and only in so far as necessary for the application of this Regulation.

▼ M8

2. Paragraph 1 shall not apply in the case of an emergency landing or an emergency overflight.

3. By way of derogation from paragraph 1, the competent authorities may authorise an aircraft to land in, take off from, or overfly, the territory of the Union if the competent authorities have determined that such landing, take-off or overflight is required for humanitarian purposes or for any other purpose consistent with the objectives of this Regulation.

4. The Member State or Member States concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 3 within two weeks of the authorisation.

▼ M25

5. Aircraft operators of non-scheduled flights between Russia and the Union, operated directly or via a third country, shall notify prior to their operation, and at least 48 hours in advance, all relevant information concerning the flight to the competent authorities of the Member State of departure or destination.

▼ M24

6. Upon refusal of a flight notified in accordance with paragraph 5, the Member State concerned shall immediately inform the other Member States, the Network Manager and the Commission.

▼ M8*Article 3e***▼ M12**

1. The Network Manager for air traffic management network functions of the single European sky shall support the Commission and the Member States in ensuring the implementation of, and compliance with, Article 3d. The Network Manager shall, in particular, reject all flight plans filed by aircraft operators indicating an intent to carry out activities over the territory of the Union that constitute a violation of this Regulation, such that the pilot is not permitted to fly.

⁽¹⁾ Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

⁽²⁾ Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC (OJ L 295, 21.11.2018, p. 39).

▼ M8

2. The Network Manager shall regularly supply to the Commission and the Member States, based on the analysis of flight plans, reports on the implementation of Article 3d.

▼ M13*Article 3ea***▼ M31**

1. It shall be prohibited to provide access, after 16 April 2022, to ports and, after 29 July 2022, to locks in the territory of the Union to any vessel registered under the flag of Russia, and for such vessels to access ports and locks, with the exception of access to locks for the purpose of leaving the territory of the Union.

▼ M17

1a. The prohibition in paragraph 1 shall also apply, after 8 April 2023, to any vessel certified by the Russian Maritime Register of Shipping.

▼ M13

2. Paragraph 1 shall apply to vessels that have changed their Russian flag or their registration, to the flag or register of any other State after 24 February 2022.

▼ M17

3. For the purposes of this Article, with the exception of paragraph 1a, a 'vessel' means:

▼ M31

(a) a ship falling within the scope of the relevant international conventions, including replicas of historical ships;

▼ M13

(b) a yacht, of 15 metres in length or more, which does not carry cargo and carrying no more than 12 passengers; or

(c) recreational craft or personal watercraft as defined in Directive 2013/53/EU of the European Parliament and of the Council ⁽¹⁾.

▼ M17

4. Paragraphs 1 and 1a shall not apply in the case of a vessel in need of assistance seeking a place of refuge, of an emergency port call for reasons of maritime safety, or for saving life at sea.

5. By way of derogation from paragraphs 1 and 1a, the competent authorities may authorise a vessel to access a port or lock, under such conditions as they deem appropriate, after having determined that the access is necessary for:

⁽¹⁾ Directive 2013/53/EU of the European Parliament and of the Council of 20 November 2013 on recreational craft and personal watercraft and repealing Directive 94/25/EC (OJ L 354, 28.12.2013, p. 90)

▼ M15

- (a) unless prohibited under Article 3m or 3n, the purchase, import or transport into the Union of natural gas and oil, including refined petroleum products, titanium, aluminium, copper, nickel, palladium and iron ore, as well as certain chemical and iron products as listed in Annex XXIV;

▼ M13

- (b) the purchase, import or transport of pharmaceutical, medical, agricultural and food products, including wheat and fertilisers whose import, purchase and transport is allowed under this Regulation;
- (c) humanitarian purposes; or

▼ M31

- (d) transport of nuclear fuel and other goods strictly necessary for the functioning of civil nuclear capabilities.

▼ M25
_____**▼ M16**

5a. By way of derogation from paragraph 2, the competent authorities may authorise vessels that have changed their Russian flag or their registration, to the flag or register of any other State prior to 16 April 2022, to access a port or a lock, under such conditions as they deem appropriate, after having determined that:

- (a) a Russian flag or registration was required by contract; and
- (b) the access is necessary for the unloading of goods strictly necessary for the completion of renewable energy projects in the Union, provided that the import of such goods is not otherwise prohibited under this Regulation.

▼ M17

5b. By way of derogation from paragraph 2, the competent authorities may authorise, under such conditions as they deem appropriate, a vessel to access a port or lock provided that it:

- (a) has flown the Russian Federation flag under a bareboat charter registration initially effected prior to 24 February 2022;
- (b) has resumed its right to fly the flag of the underlying Member State registry before 31 January 2023; and
- (c) is not owned, chartered, operated or otherwise controlled by a Russian national or any legal person, entity or body incorporated or constituted under the law of the Russian Federation.

▼ M31

5c. By way of derogation from paragraph 2, the competent authorities may authorise vessels that have changed their Russian flag to the flag of any other State prior to 16 April 2022, to access a port or a lock, under such conditions as they deem appropriate, after having determined that the vessel:

- (a) was declared abandoned under the law of a Member State prior to 24 February 2022;
- (b) was subject to a forced sale by the competent national authorities of a Member State prior to 24 February 2022; and

▼ **M31**

(c) was physically located in the territory of a Member State at the time of the forced sale.

6. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 5, 5a, 5b and 5c within two weeks of the authorisation.

▼ **M25***Article 3eb*

1. It shall be prohibited, as of 24 July 2023, to provide access to ports and locks in the territory of the Union, by any vessel performing ship-to-ship transfers, at any point of the voyage to a Member State's ports or locks, if the competent authority has reasonable cause to suspect that the vessel is in breach of the prohibitions set out in Article 3m(1) and (2) and Article 3n(1) and (4).

2. A competent authority shall not grant access if a vessel does not notify the competent authority at least 48 hours in advance about a ship-to-ship transfer occurring within the Exclusive Economic Zone of a Member State or within 12 nautical miles from the baseline of that Member State's coast.

3. Paragraphs 1 and 2 shall not apply in the case of a vessel in need of assistance seeking a place of refuge, of an emergency port call for reasons of maritime safety, or for saving life at sea.

4. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise a vessel to access a port or lock in the territory of the Union, under such conditions as they deem appropriate, after having determined that such access is necessary for humanitarian purposes.

5. Upon refusal of a port access call in accordance with paragraphs 1 and 2, the competent authorities concerned shall immediately inform the other competent authorities of the Member States. The Member State concerned shall inform the other Member States and the Commission without delay.

6. For the purposes of paragraphs 1 and 2, the competent authorities shall use, in addition to any national system and information, the integrated maritime information available in the Union Maritime Information and Exchange System (SafeSeaNet) established in accordance with Directive 2002/59/EC of the European Parliament and of the Council ⁽¹⁾.

Article 3ec

1. It shall be prohibited, as of 24 July 2023, to provide access to ports and locks in the territory of the Union by any vessel which the competent authority has reasonable cause to suspect of illegally interfering with, switching off or otherwise disabling its shipborne automatic identification system at any point of the voyage to a Member State's ports or locks, in breach of SOLAS Regulation V/19, point 2.4, when transporting crude oil or petroleum products subject to the prohibitions set out in Article 3m(1) and (2) and Article 3n(1) and (4).

⁽¹⁾ Directive 2002/59/EC of the European Parliament and of the Council of 27 June 2002 establishing a Community vessel traffic monitoring and information system and repealing Council Directive 93/75/EEC (OJ L 208, 5.8.2002, p. 10).

▼ M25

2. Paragraph 1 shall not apply in the case of a vessel in need of assistance seeking a place of refuge, of an emergency port call for reasons of maritime safety, or for saving life at sea.
3. By way of derogation from paragraph 1, the competent authorities may authorise a vessel to access a port or lock in the territory of the Union, under such conditions as they deem appropriate, after having determined that such access is necessary for humanitarian purposes.
4. Upon refusal of a port access call in accordance with paragraph 1, the competent authorities concerned shall immediately inform the other competent authorities of the Member States. The Member State concerned shall inform the other Member States and the Commission without delay.
5. For the purposes of paragraph 1, the competent authorities shall use, in addition to any national system and information, the integrated maritime information available in the Union Maritime Information and Exchange System (SafeSeaNet) established in accordance with Directive 2002/59/EC.

▼ M11*Article 3f*

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, maritime navigation goods and technology, as listed in Annex XVI, whether or not originating in the Union, to any natural or legal person, entity or body in Russia, for use in Russia, or for the placing on board of a Russian-flagged vessel.
2. It shall be prohibited to:
 - (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.
 - (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M25

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M11

3. The prohibitions in paragraphs 1 and 2 shall not apply to the sale, supply, transfer or export of the goods and technology referred to in paragraph 1 or to the related provision of technical and financial assistance, for non-military use and for a non-military end-user, intended for humanitarian purposes, health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters.

▼ M11

4. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the sale, supply, transfer or export of the goods and technology referred to in paragraph 1 or the provision of related technical or financial assistance, for non-military use and for a non-military end-user, after having determined that such goods or technology or the related technical or financial assistance are intended for maritime safety.

▼ M16

5. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 4 within two weeks of the authorisation.

▼ M12*Article 3g*

1. It shall be prohibited:

- (a) to import, directly or indirectly, iron and steel products as listed in Annex XVII into the Union if they:
 - (i) originate in Russia; or
 - (ii) have been exported from Russia;
- (b) to purchase, directly or indirectly, iron and steel products as listed in Annex XVII which are located or which originated in Russia;
- (c) to transport iron and steel products as listed in Annex XVII if they originated in Russia or are being exported from Russia to any other country;

▼ M26

- (d) to import or purchase, as from 30 September 2023, directly or indirectly, iron and steel products as listed in Annex XVII when processed in a third country incorporating iron and steel products originating in Russia as listed in Annex XVII; with regard to products listed in Annex XVII processed in a third country incorporating steel products originating in Russia of CN codes 7207 11, 7207 12 10 or 7224 90, this prohibition shall apply as of 1 April 2024 for CN code 7207 11 and as of 1 October 2028 for CN codes 7207 12 10 and 7224 90;

For the purpose of the application of this point, at the moment of importation, importers shall provide evidence of the country of origin of the iron and steel inputs used for the processing of the product in a third country unless the product is imported from a partner country for importation of iron and steel as listed in Annex XXXVI;

▼ M17

- (e) to provide, directly or indirectly, technical assistance, brokering services, financing or financial assistance, including financial derivatives, as well as insurance and re-insurance, related to the prohibitions in points (a), (b), (c) and (d).

▼ M25
_____**▼ M17**

4. The prohibitions in points (a), (b), (c) and (e) of paragraph 1 shall not apply to the import, purchase or transport, or related technical or financial assistance, of the following quantities of goods falling under CN code 7207 12 10:

- (a) 3 747 905 metric tonnes between 7 October 2022 and 30 September 2023;
- (b) 3 747 905 metric tonnes between 1 October 2023 and 30 September 2024;

▼ M26

- (c) 3 185 719 metric tonnes between 1 October 2024 and 30 September 2025;
- (d) 2 998 324 metric tonnes between 1 October 2025 and 30 September 2026;
- (e) 2 623 534 metric tonnes between 1 October 2026 and 30 September 2027;
- (f) 2 061 348 metric tonnes between 1 October 2027 and 30 September 2028.

▼ M17

5. The prohibitions in paragraph 1 shall not apply to the import, purchase or transport, or related technical or financial assistance, of the following quantities of goods falling under CN code 7207 11:

- (a) 487 202 metric tonnes between 7 October 2022 and 30 September 2023;
- (b) 85 260 metric tonnes between 1 October 2023 and 31 December 2023;
- (c) 48 720 metric tonnes between 1 January 2024 and 31 March 2024.

▼ M20

5a. The prohibitions in paragraph 1 shall not apply to the import, purchase or transport, or related technical or financial assistance, of the following quantities of the goods falling under CN code 7224 90:

- (a) 147 007 metric tonnes between 17 December 2022 and 31 December 2023;
- (b) 110 255 metric tonnes between 1 January 2024 and 30 September 2024;

▼ M26

- (c) 124 956 metric tonnes between 1 October 2024 and 30 September 2025;
- (d) 117 606 metric tonnes between 1 October 2025 and 30 September 2026;
- (e) 102 905 metric tonnes between 1 October 2026 and 30 September 2027;
- (f) 80 854 metric tonnes between 1 October 2027 and 30 September 2028.

▼ M20

6. The import volume quotas set out in paragraphs 4, 5 and 5a shall be managed by the Commission and the Member States in accordance with the management system for tariff-rate quotas provided for in Articles 49 to 54 of Commission Implementing Regulation (EU) 2015/2447 ⁽¹⁾.

▼ M31

7. By way of derogation from paragraph 1, the competent authorities may authorise the purchase, import or transfer of the goods listed in Annex XVII, under such conditions as they deem appropriate, after having determined that this is necessary for the establishment, operation, maintenance, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, the supply of precursor material for the production of medical radioisotopes and similar medical applications, or critical technology for environmental radiation monitoring, as well as for civil nuclear cooperation, in particular in the field of research and development.

▼ M17

8. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 7 within two weeks of the authorisation.

▼ M12*Article 3h***▼ M26**

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, luxury goods, whether or not originating in the Union, as listed in Annex XVIII, to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M25

- 2. It shall be prohibited to:
 - (a) provide technical assistance, brokering services or other services related to the goods referred to in paragraph 1 and related to the provision, manufacture, maintenance and use of those goods, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia;

⁽¹⁾ Commission Implementing Regulation (EU) 2015/2447 of 24 November 2015 laying down detailed rules for implementing certain provisions of Regulation (EU) No 952/2013 of the European Parliament and of the Council laying down the Union Customs Code (OJ L 343, 29.12.2015, p. 558).

▼ M25

- (b) provide financing or financial assistance related to the goods referred to in paragraph 1 for any sale, supply, transfer or export of those goods, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia;

- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

2a. The prohibitions referred to in paragraphs 1 and 2 shall apply to the luxury goods listed in Annex XVIII insofar as their value exceeds EUR 300 per item, unless otherwise specified in that Annex.

▼ M12

3. The prohibition referred to in paragraph 1 shall not apply to goods which are necessary for the official purposes of diplomatic or consular missions of Member States or partner countries in Russia or of international organisations enjoying immunities in accordance with international law, or to the personal effects of their staff.

▼ M16

3a. The prohibition in paragraph 1 shall not apply to goods falling under CN 7113 00 00 and CN 7114 00 00 as listed in Annex XVIII for personal use of natural persons travelling from the European Union or members of their immediate families travelling with them, owned by those individuals and not intended for sale.

▼ M13

4. By way of derogation from paragraph 1, the competent authorities may authorise the transfer or export to Russia of cultural goods which are on loan in the context of formal cultural cooperation with Russia.

▼ M25

4a. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the sale or supply of a vessel falling under CN code 8901 10 00 or 8901 90 00, or the provision, until 31 December 2023, of related technical or financial assistance to a legal person, entity or body in Russia or for use in Russia, under such conditions as they deem appropriate, after having determined that:

- (a) the vessel is physically located in Russia on 24 June 2023 and for use in Russia;

- (b) the vessel has flown the Russian Federation flag under a bareboat charter registration initially effected prior to 24 February 2022;

▼ M25

- (c) the legal person, entity or body in Russia is not a military end user and will not use the vessel for military purposes;
- (d) the sale or supply is not for the benefit of a natural or legal person, entity or body listed in Annex I to Regulation (EU) No 269/2014 or subject to the restrictive measures provided for in this Regulation.

5. The Member State concerned shall inform the other Member States and the Commission of any authorisations granted under paragraphs 4 and 4a within two weeks of the authorisation.

▼ M13*Article 3i*

1. It shall be prohibited to purchase, import, or transfer, directly or indirectly, goods which generate significant revenues for Russia thereby enabling its actions destabilising the situation in Ukraine, as listed in Annex XXI into the Union if they originate in Russia or are exported from Russia.

2. It shall be prohibited to:

- (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly in relation to the prohibition in paragraph 1;
- (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any purchase, import or transfer of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly in relation to the prohibition in paragraph 1.

▼ M25**▼ M17**

3a. The prohibition in paragraph 1 shall not apply to purchases in Russia which are necessary for the functioning of diplomatic and consular representations of the Union and of the Member States, including delegations, embassies and missions, or for the personal use of nationals of Member States and their immediate family members.

▼ M26

3aa. The competent authorities of a Member State may allow the import of goods which are intended for the strict personal use of natural persons travelling to the Union or of their immediate family members, limited to personal effects owned by those individuals and which are manifestly not intended for sale.

▼ M26

3ab. The competent authorities may authorise, under such conditions as they deem appropriate, the entry into the Union of a vehicle falling under CN code 8703 not intended for sale and owned by a citizen of a Member State or an immediate family member who is resident in Russia and is driving the vehicle into the Union for strict personal use.

3ac. The prohibition in paragraph 1 shall not apply to the entry into the Union of motor vehicles falling under CN code 8703 provided that they have a diplomatic vehicle registration plate and are necessary for the functioning of diplomatic and consular representations, including delegations, embassies and missions, or of international organisations enjoying immunities in accordance with international law, or for the personal use of their staff and their immediate family members.

3ad. The prohibition in paragraph 1 shall not prevent vehicles already in the territory of the Union on 19 December 2023 from being registered in a Member State.

▼ M25
_____**▼ M31**

3c. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the purchase, import or transfer of the goods listed in Annex XXI, or the provision of related technical and financial assistance, under such conditions as they deem appropriate, after having determined that this is necessary for the establishment, operation, maintenance, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, the supply of precursor material for the production of medical radioisotopes and similar medical applications, or critical technology for environmental radiation monitoring, as well as for civil nuclear cooperation, in particular in the field of research and development.

_____**▼ M26**

3cb. With regard to the goods falling under CN codes 2711 12, 2711 13, 2711 14, 2711 19 and 7202, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 20 December 2024 of contracts concluded before 19 December 2023, or of ancillary contracts necessary for the execution of such contracts.

3cc. With regard to the goods falling under CN code 7201, the prohibitions in paragraphs 1 and 2 shall not apply to the import, purchase or transport, or related technical or financial assistance of the following quantities of goods:

- (a) 1 140 000 metric tonnes between 19 December 2023 and 31 December 2024;
- (b) 700 000 metric tonnes between 1 January 2025 and 31 December 2025.

3cd. With regard to the goods falling under CN code 7203, the prohibitions in paragraphs 1 and 2 shall not apply to the import, purchase or transport, or related technical or financial assistance, of the following quantities of goods:

▼ M26

- (a) 1 140 836 metric tonnes between 19 December 2023 and 31 December 2024;
- (b) 651 906 metric tonnes between 1 January 2025 and 31 December 2025.

▼ M31

3ce. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise, under such conditions as they deem appropriate, the import or transfer of goods that were physically located in Russia before the relevant prohibition entered into force in respect of those goods, falling under CN codes 8471, 8523, 8536 and 9027, as listed in Annex XXI, or the provision of related technical and financial assistance, after having determined that those goods are components of medical devices and are brought into the Union for the purpose of maintenance, repair or returning of defective components.

3cf. With regard to the goods falling under CN codes 28042910 and 284540, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 26 September 2024 of contracts concluded before 25 June 2024, or of ancillary contracts necessary for the execution of such contracts.

▼ M25**▼ M24**

3da. The prohibitions in paragraphs 1 and 2 shall not apply to the import, purchase or transport, or related technical or financial assistance, necessary for the import into the Union, until 30 June 2024, of the following quantities:

- (a) 752 475 metric tonnes for goods falling under CN code 2803;
- (b) 562 973 metric tonnes for goods falling under CN code 4002.

▼ M25

3e. By way of derogation from paragraphs 1 and 2 of this Article, the competent authorities may authorise the purchase, import or transfer of goods falling under CN codes 7007, 8479, 8481, 8487, 8504, 8517, 8525, 8531, 8536, 8537, 8538, 8542, 8543, 8603 as listed in Annex XXI, or the provision of related technical and financial assistance, under such conditions as they deem appropriate, after having determined that this is necessary for the operation, maintenance or repair of Budapest metro line 3 cars delivered in 2018, in execution of a guarantee provided by Metrowagonmash prior to 24 June 2023.

▼ M13

4. As of 10 July 2022, the prohibitions in paragraphs 1 and 2 shall not apply to the import, purchase or transport, or the related technical or financial assistance, necessary for the import into the Union, of:

- (a) 837 570 metric tonnes of potassium chloride of CN 3104 20 between 10 July of a given year and 9 July of the following year;
- (b) 1 577 807 metric tonnes combined of the other products listed in Annex XXI under CN 3105 20, 3105 60 and 3105 90 between 10 July of a given year and 9 July of the following year.

▼ M26

5. The import volume quotas set out in paragraphs 3cc, 3cd, 3da and 4 of this Article shall be managed by the Commission and the Member States in accordance with the management system for tariff-rate quotas provided for in Articles 49 to 54 of Commission Implementing Regulation (EU) 2015/2447.

▼ M31

6. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 3ab, 3c, and 3e within two weeks of the authorisation.

▼ M25**▼ M13***Article 3k***▼ M26**

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, goods which could contribute in particular to the enhancement of Russian industrial capacities, whether or not originating in the Union, as listed in Annex XXIII, to any natural or legal person, entity or body in Russia or for use in Russia.

1a. The transit via the territory of Russia of the goods and technology as listed in Annex XXXVII, exported from the Union, shall be prohibited.

▼ M13

2. It shall be prohibited to:

- (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia;
- (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in Russia, or for use in Russia.

▼ M25

(c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in Russia or for use in Russia.

▼ M26**▼ M25****▼ M31****▼ M26**

3ab. With regard to the goods falling under the CN codes listed in Annex XXIIIB, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 20 June 2024 of contracts concluded before 19 December 2023, or of ancillary contracts necessary for the execution of such contracts.

▼ M28

3ac. With regard to the goods falling under CN codes 8504 10, 8504 21, 8504 22, 8504 23, 8504 31, 8504 40, 8504 50 and 8504 90, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 25 May 2024 of contracts concluded before 24 February 2024, or of ancillary contracts necessary for the execution of such contracts.

▼ M31

3ad. With regard to the goods falling under CN codes listed in Annex XXIIIC, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 26 September 2024 of contracts concluded before 25 June 2024, or of ancillary contracts necessary for the execution of such contracts.

3ae. With regard to the goods falling under CN code 2602, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 26 July 2024 of contracts concluded before 25 June 2024, or of ancillary contracts necessary for the execution of such contracts.

3af. With regard to the goods falling under CN codes 8481 80 and 8708 99, the prohibitions in paragraphs 1 and 2 shall not apply to the execution until 26 December 2024 of contracts concluded before 25 June 2024, or of ancillary contracts necessary for the execution of such contracts.

▼ M13

4. The prohibitions referred to in paragraph 1 and 2 shall not apply to goods which are necessary for the official purposes of diplomatic or consular missions of Member States or partner countries in Russia or of international organisations enjoying immunities in accordance with international law, or to the personal effects of their staff.

▼ M31

4a. The prohibitions in paragraphs 1, 1a and 2 shall not apply to the sale, supply, transfer or export of the goods and technology referred to in paragraph 1 or to the related provision of technical and financial assistance, for non-military use and for a non-military end-user, intended for health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters.

▼ M16

5. The competent authorities of the Member States may authorise, under the conditions they deem appropriate, the sale, supply, transfer or export of the goods and technology listed in Annex XXIII, or the provision of related technical or financial assistance, after having determined that such goods or technology or the provision of related technical or financial assistance are necessary for:

- (a) medical or pharmaceutical purposes, or for humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance or for evacuations;

▼ M16

- (b) the exclusive use and under the full control of the authorising Member State and in order to fulfil its maintenance obligations in areas which are under a long-term lease agreement between that Member State and the Russian Federation; or

▼ M31

- (c) the establishment, operation, maintenance, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, the supply of precursor material for the production of medical radioisotopes and similar medical applications, or critical technology for environmental radiation monitoring, as well as for civil nuclear cooperation, in particular in the field of research and development.

5a. The competent authorities of the Member States may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the following goods, or the provision of related technical or financial assistance, after having determined that such goods or the provision of related technical or financial assistance are necessary for personal household use of natural persons in Russia:

- (a) goods falling under CN code 8417 20;
- (b) taps, cocks and valves falling under CN code 8481 80 that are designed for plumbing, heating, ventilation or air conditioning systems;
- (c) copper tubes, pipes and pipe fittings falling under CN codes 7411 or 7412 that have an internal diameter of up to 50 mm.

5aa. The competent authorities of the Member States may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the goods falling under CN code 3917 10, or the provision of related technical or financial assistance, after having determined that such goods are sold, supplied, transferred or exported strictly for the production of food items for human consumption in Russia.

▼ M25

5b. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the goods falling under CN chapters 72, 84, 85 and 90 as listed in Annex XXIII, or related technical assistance, brokering services, financing or financial assistance, after having determined that it is strictly necessary for the production of titanium goods required in the aeronautic industry, for which no alternative supply is available.

▼ M26

5c. By way of derogation from paragraph 1a, the competent authorities may authorise the transit via the territory of Russia of goods and technology which could contribute in particular to the enhancement of Russian industrial capacities as listed in Annex XXXVII, after having determined that such goods or technology are intended for the purposes set out in paragraphs 5 and 5b of this Article.

▼ M31

5d. By way of derogation from paragraphs 1 and 2, the competent authorities of the Member States may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export of the goods and technology falling under CN codes 3917, 8421, 8471, 8523, 8536 and 8544, as listed in Annex XXIII, or the provision of related technical or financial assistance, after having determined that those goods or the provision of related technical or financial assistance are necessary for the purposes of maintenance or repair of medical devices.

5e. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise, under such conditions as they deem appropriate, the export and transfer of the goods falling under CN codes 8414 90 and 9026, as listed in Annex XXIII, that are physically located in the Union as of 25 June 2024 for the purpose of maintenance or repairs, or the provision of related technical assistance, brokering services or other services, or financing or financial assistance, after having determined that it is strictly necessary for the functioning of the Sakhalin-2 (Сахалин-2) Project to ensure Japan's energy security.

6. When deciding on requests for the authorisations referred to in paragraphs 5, 5a, 5aa, 5b, 5c and 5d the competent authorities shall not grant an authorisation for exports to any natural or legal person, entity or body in Russia or for use in Russia, if they have reasonable grounds to believe that the goods might have a military end-use.

▼ M26

7. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 5, 5a, 5b and 5c within two weeks of the authorisation.

▼ M13*Article 31*

1. It shall be prohibited for any road transport undertaking established in Russia to transport goods by road within the territory of the Union, including in transit.

▼ M25

1a. The prohibition in paragraph 1 shall apply to the transport of goods within the territory of the Union by road transport undertakings, carried out by means of trailers or semi-trailers registered in Russia, including if those trailers or semi-trailers are hauled by trucks registered in other countries.

▼ M31

1b. It shall be prohibited for any legal person, entity or body established in the Union which is owned for 25 % or more by a Russian natural or legal person, entity or body to be admitted to become a road transport undertaking which transports goods by road within the territory of the Union, including in transit.

▼ M31

1c. It shall be prohibited, as of 26 July 2024 for any road transport undertaking established in the Union after 8 April 2022, which is owned for 25 % or more by a Russian natural or legal person, entity or body to transport goods by road within the territory of the Union, including in transit.

1d. Road transport undertakings established in the Union shall, upon request of the national competent authority of the Member State where they are established, supply information on their ownership structure to that national competent authority.

▼ M13

2. The prohibition in paragraph 1 shall not apply to road transport undertakings transporting:

(a) mail as a universal service;

(b) goods in transit through the Union between the Kaliningrad Oblast and Russia, provided that the transport of such goods is not otherwise prohibited under this Regulation.

▼ M31

2a. Paragraphs 1b and 1c shall not apply to road transport undertakings established in the Union which are owned for 25 % or more by Russian nationals who are also nationals of a Member State or who have a temporary or permanent residence permit in a Member State.

▼ M26
_____**▼ M25**

4. By way of derogation from paragraphs 1 and 1a, the competent authorities of a Member State may authorise the transport of goods by a road transport undertaking established in Russia or any road transport undertaking when the goods are carried out by means of trailers or semi-trailers registered in Russia, including if those trailers or semi-trailers are hauled by trucks registered in other countries, if the competent authorities have determined that such transport is necessary for:

▼ M26

(a) unless otherwise prohibited, the purchase, import or transport into the Union of natural gas and oil, including refined petroleum products, as well as titanium, aluminium, copper, nickel, palladium and iron ore;

▼ M13

(b) the purchase, import or transport of pharmaceutical, medical, agricultural and food products, including wheat and fertilisers whose import, purchase and transport is allowed under this Regulation;

▼ M13

- (c) humanitarian purposes;

▼ M15

- (d) the functioning of diplomatic and consular representations in Russia, including delegations, embassies and missions, or international organisations in Russia enjoying immunities in accordance with international law; or

▼ M13

- (e) the transfer or export to Russia of cultural goods which are on loan in the context of formal cultural cooperation with Russia.

5. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 4 within two weeks of the authorisation.

▼ M15*Article 3m*

1. It shall be prohibited to purchase, import or transfer, directly or indirectly, crude oil or petroleum products, as listed in Annex XXV, if they originate in Russia or are exported from Russia.

2. It shall be prohibited to provide, directly or indirectly, technical assistance, brokering services, financing or financial assistance or any other services related to the prohibition in paragraph 1.

3. The prohibitions in paragraphs 1 and 2 shall not apply:

(a) until 5 December 2022, to one-off transactions for near-term delivery, concluded and executed before that date, or to the execution of contracts for the purchase, import or transfer of goods falling under CN 2709 00 concluded before 4 June 2022, or of ancillary contracts necessary for the execution of such contracts, provided that those contracts have been notified by the relevant Member States to the Commission by 24 June 2022 and that the one-off transactions for near-term delivery are notified by the relevant Member States to the Commission within 10 days of their completion;

(b) until 5 February 2023, to one-off transactions for near-term delivery, concluded and executed before this date, or to the execution of contracts for the purchase, import or transfer of goods falling under CN 2710 concluded before 4 June 2022, or of ancillary contracts necessary for the execution of such contracts, provided that those contracts have been notified by the relevant Member States to the Commission by 24 June 2022 and that the one-off transactions for near-term delivery are notified by the relevant Member States to the Commission within 10 days of their completion;

▼ M15

- (c) to the purchase, import or transfer of seaborne crude oil and of petroleum products listed in Annex XXV where those goods originate in a third country and are only being loaded in, departing from or transiting through Russia, provided that both the origin and the owner of those goods are non-Russian;

- (d) to crude oil falling under CN 2709 00 which is delivered by pipeline from Russia into Member States, until the Council decides that the prohibitions in paragraphs 1 and 2 shall apply.

▼ M25

- 3a. The exemption in paragraph 3, point (d), shall stop applying to Germany and Poland on 23 June 2023.

▼ M15

4. If the supply of crude oil by pipeline from Russia to a landlocked Member State is interrupted for reasons outside the control of that Member State, seaborne crude oil from Russia falling under CN 2709 00 may be imported into that Member State, by way of an exceptional temporary derogation from paragraphs 1 and 2, until the supply is resumed or until the Council decision referred to in paragraph 3(d) applies with regard to that Member State, whichever is the earliest.

5. As of 5 December 2022, and by way of derogation from paragraphs 1 and 2, the competent authorities of Bulgaria may authorise the execution until 31 December 2024 of contracts concluded before 4 June 2022, or of ancillary contracts necessary for the execution of such contracts, for the purchase, import or transfer of seaborne crude oil and of petroleum products listed in Annex XXV originating in Russia or exported from Russia.

▼ M26

6. As of 5 February 2023, and by way of derogation from paragraphs 1 and 2, the competent authorities of Croatia may authorise until 31 December 2024 the purchase, import or transfer of vacuum gas oil falling under CN code 2710 19 71 originating in Russia or exported from Russia, provided that the following conditions are fulfilled:

▼ M15

- (a) no alternative supply of vacuum gas oil is available; and

- (b) Croatia has notified the Commission, at least two weeks prior to the authorisation, of the grounds on which it considers that a specific authorisation should be granted, and the Commission has not objected within that period.

▼ M15

7. The goods imported following a derogation granted by a competent authority under paragraph 5 or 6 shall not be sold on to buyers located in another Member State or in a third country.

▼ M20

As from 5 February 2023, it shall be prohibited to transfer or transport petroleum products falling under CN 2710 which are obtained from crude oil imported on the basis of a derogation granted by the Bulgarian competent authority under paragraph 5, to other Member States or to third countries, or to sell such petroleum products to purchasers in other Member States or in third countries.

By way of derogation from the prohibition set out in the second subparagraph, the competent authorities of Bulgaria may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export to Ukraine of certain petroleum products as listed in Annex XXXI which are obtained from crude oil imported under paragraph 5, after having determined that:

- (a) the products are intended for exclusive use in Ukraine;
- (b) such sale, supply, transfer or export is not meant to circumvent the prohibitions in the second subparagraph.

By way of derogation from the prohibition set out in the second subparagraph, the competent authorities of Bulgaria may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export to any third country of certain petroleum products as listed in Annex XXXII which are obtained from crude oil imported under paragraph 5, within the export volume quotas mentioned in that Annex, after having determined that:

- (a) the products cannot be stored in Bulgaria due to environmental and safety risks;
- (b) such sale, supply, transfer or export is not meant to circumvent the prohibitions in the second subparagraph.

Bulgaria shall inform the other Member States and the Commission of any authorisations granted under this paragraph within two weeks of the authorisation.

▼ M15

8. The transfer or transport of crude oil delivered by pipeline into Member States as referred to in paragraph 3(d) to other Member States or to third countries, or its sale to purchasers in other Member States or in third countries, shall be prohibited.

▼ M15

All consignments and containers of such crude oil shall be clearly marked as 'REBCO: export prohibited'.

As from 5 February 2023, where crude oil has been delivered by pipeline into a Member State as referred to in paragraph 3(d), it shall be prohibited to transfer or transport petroleum products falling under CN 2710 which are obtained from such crude oil to other Member States or to third countries, or to sell such petroleum products to purchasers in other Member States or in third countries.

▼ M26

By way of temporary derogation, the prohibitions referred to in the third subparagraph shall apply as from 5 December 2024 to the import and transfer into Czechia, and to the sale to purchasers in Czechia, of petroleum products obtained from crude oil which has been delivered by pipeline into another Member State as referred to in paragraph 3(d). If alternative supplies for such petroleum products are made available to Czechia before that date, the Council shall terminate that temporary derogation. During the period until 5 December 2024, the volumes of such petroleum products imported into Czechia from other Member States shall not exceed the average volumes imported into Czechia from those other Member States over the same period during the previous five years.

▼ M20

As of 5 February 2023, by way of derogation from the prohibitions referred to in the third subparagraph, the competent authorities of Hungary and Slovakia may authorise, under such conditions as they deem appropriate, the sale, supply, transfer or export to Ukraine of certain petroleum products as listed in Annex XXXI which are obtained from crude oil imported under paragraph 3(d), after having determined that:

- (a) the products are intended for exclusive use in Ukraine;

- (b) such sale, supply, transfer or export is not meant to circumvent the prohibitions in the third subparagraph.

The Member State concerned shall inform the other Member States and the Commission of any authorisations granted under this paragraph within two weeks of the authorisation.

▼ M15

9. The prohibitions in paragraph 1 shall not apply to purchases in Russia of goods listed in Annex XXV which are required in order to meet the essential needs of the purchaser in Russia or of humanitarian projects in Russia.

▼ M15

10. Member States shall report to the Commission by no later than 8 June 2022 and every three months thereafter on the amounts of crude oil falling under CN 2709 00 imported by pipeline, as referred to in paragraph 3(d). Such import figures shall be broken down per pipeline. In the event that the exceptional temporary derogation referred to in paragraph 4 applies with regard to a landlocked Member State, that Member State shall report to the Commission every three months on the amounts of seaborne crude oil falling under CN 2709 00 which it imports from Russia, for as long as that derogation applies.

During the period until 5 December 2023 referred to in the fourth subparagraph of paragraph 8, Member States shall report to the Commission every three months on the amounts which they export to Czechia of petroleum products falling under CN 2710 obtained from crude oil which has been delivered by pipeline as referred to in paragraph 3(d).

▼ M20

11. Natural and legal persons, entities and bodies shall inform within two weeks the competent authority of the Member State where they are resident, located, established or incorporated, of all transactions for the purchase, import or transfer into the Union of natural gas condensates of subheading CN 2709 00 10 from liquefied natural gas production plants, originating in or exported from Russia. The reporting shall include information on volumes.

The Member State concerned shall provide the other Member States and the Commission with the information received under the previous subparagraph.

12. Based on the information received under paragraph 11, the Commission shall review the functioning of the measures concerning natural gas condensates of subheading CN 2709 00 10 from liquefied natural gas production plants, originating in or exported from Russia, no later than 18 June 2023.

▼ M15*Article 3n***▼ M18**

1. It shall be prohibited to provide, directly or indirectly, technical assistance, brokering services or financing or financial assistance, related to the trading, brokering or transport, including through ship-to-ship transfers, to third countries of crude oil or petroleum products as listed in Annex XXV which originate in Russia or which have been exported from Russia.

▼ M17

2. The prohibition in paragraph 1 shall not apply to the execution of contracts concluded before 4 June 2022, or of ancillary contracts necessary for the execution of such contracts until:

(a) 5 December 2022, for crude oil falling under CN code 2709 00;

(b) 5 February 2023, for petroleum products falling under CN code 2710.

3. The prohibition in paragraph 1 does not apply to the payment of insurance claims after 5 December 2022, for crude oil falling under CN code 2709 00, or after 5 February 2023, for petroleum products falling under CN code 2710, on the basis of insurance contracts concluded before 4 June 2022 and provided that the insurance coverage has ceased by the relevant date.

▼ M18

4. It shall be prohibited to trade, broker or transport, including through ship-to-ship transfers, to third countries, crude oil falling under CN code 2709 00, as of 5 December 2022, or petroleum products falling under CN code 2710, as of 5 February 2023, as listed in Annex XXV, which originate in Russia or which have been exported from Russia.

5. The prohibition in paragraph 4 of this Article shall apply as from the date of entry into force of the first Council Decision amending Annex XI to Decision 2014/512/CFSP in accordance with point (a) of Article 4p(9) of that Decision.

As from the date of entry into force of every subsequent Council Decision amending Annex XI to Decision 2014/512/CFSP, the prohibitions in paragraphs 1 and 4 of this Article shall not apply, for a period of 90 days, to the transport of products listed in Annex XXV to this Regulation which originate in Russia or which have been exported from Russia, and to the provision, directly or indirectly, of technical assistance, brokering services or financing or financial assistance, related to the transport, provided that:

(a) the transport or the provision of technical assistance, brokering services or financing or financial assistance, related to the transport is based on a contract concluded before the date of entry into force of every subsequent Council Decision amending Annex XI to Decision 2014/512/CFSP; and

(b) the purchase price per barrel did not exceed the price laid down in Annex XXVIII to this Regulation on the date of conclusion of that contract.

▼ M18

6. The prohibitions in paragraphs 1 and 4 shall not apply:
- (a) as of 5 December 2022, to crude oil falling under CN code 2709 00, and as of 5 February 2023, to petroleum products falling under CN code 2710, which originate in Russia or which have been exported from Russia provided that the purchase price per barrel of such products does not exceed the price laid down in Annex XXVIII;
 - (b) to crude oil or petroleum products as listed in Annex XXV where those goods originate in a third country and are only being loaded in, departing from or transiting through Russia, provided that both the origin and the owner of those goods are non-Russian;
 - (c) to the transport, or to technical assistance, brokering services, financing or financial assistance related to such transport, of the products mentioned in Annex XXIX to the third countries mentioned therein, for the duration specified in that Annex;
 - (d) as of 5 December 2022, to crude oil falling under CN code 2709 00, which originates in Russia or which has been exported from Russia purchased above the price laid down in Annex XXVIII which is loaded onto a vessel at the port of loading prior to 5 December 2022 and unloaded at the final port of destination prior to 19 January 2023;

▼ M22

- (e) as of 5 February 2023, to petroleum products falling under CN code 2710, which originate in Russia or which have been exported from Russia purchased above the respective price laid down in Annex XXVIII which are loaded onto a vessel at the port of loading prior to 5 February 2023 and unloaded at the final port of destination prior to 1 April 2023.

▼ M26

6a. In application of paragraphs 4 and 6, point (a), for Russian crude oil or petroleum products listed in Annex XXV, loaded as of 20 February 2024, service providers with no access to the purchase price per barrel laid down in Annex XXVIII of such products shall collect itemised price information for ancillary costs as provided by operators further up the supply chain of Russian crude oil or petroleum product trade. Such itemised price information shall be provided to counterparties and competent authorities, upon their request, for the purpose of verifying compliance with this Article.

▼ M18

7. In the event that, after the entry into force of a Council Decision amending Annex XI to Decision 2014/512/CFSP, a vessel has transported the Russian crude oil or petroleum products referred to in paragraph 4, and the operator responsible for the transport knew or had reasonable cause to suspect that such crude oil or petroleum products were purchased above the price laid down in Annex XXVIII to this Regulation on the date of conclusion of the contract for such purchase, it shall be prohibited to provide the services referred to in paragraph 1 of this Article relating to the transport of crude oil or petroleum products that originate in Russia or are exported from Russia as referred to in paragraph 4 of this Article by that vessel for 90 days following the date of unloading of the cargo purchased above the price cap.

▼ M26
_____**▼ M18**

9. The prohibitions in paragraph 1 and 4 shall not apply to the transport or provision of technical assistance, brokering services or financing or financial assistance, related to the transport necessary for the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters, provided that the national competent authority has been notified immediately once the event has been identified.

10. Member States and the Commission shall inform each other of detected instances of a breach or circumvention of the prohibitions set out in this Article.

Any information provided or received in accordance with this Article shall be used for the purposes for which it was provided or received, including ensuring the effectiveness of the measure.

▼ M22

11. The functioning of the price cap mechanism, including Annex XXVIII as well as the prohibitions in paragraphs 1 and 4 of this Article, shall be reviewed by mid-March 2023 and every 2 months thereafter.

The review shall take into account the effectiveness of the measure in terms of its expected results, its implementation, international adherence to and informal alignment with the price cap mechanism, and its potential impact on the Union and its Member States. It shall respond to developments in the market, including possible turbulences.

In order to achieve the objectives of the price cap, including its ability to reduce Russia's oil revenues, the price cap shall be at least 5 % below the average market price for Russian oil and petroleum products, calculated on the basis of data provided by the International Energy Agency.

▼ M20

12. Natural and legal persons, entities and bodies shall inform within two weeks the competent authority of the Member State where they are resident, located, established or incorporated, of all transactions for the purchase or transfer into third countries of natural gas condensates of subheading CN 2709 00 10 from liquefied natural gas production plants, originating in or exported from Russia. The reporting shall include information on volumes.

The Member State concerned shall provide the other Member States and the Commission with the information received under the previous subparagraph.

13. Based on the information received under paragraph 12, the Commission shall review the functioning of the measures concerning natural gas condensates of subheading CN 2709 00 10 from liquefied natural gas production plants, originating in or exported from Russia, no later than 18 June 2023.

▼ M26*Article 3na*

To facilitate the implementation and enforcement of Articles 3m and 3n, the Commission and Member States shall periodically share information with each other with a view to further identify vessels and entities of concern carrying out one or more deceptive practices while transporting Russian crude oil and petroleum products.

Information received in accordance with this Article shall be used only for the purpose for which it was requested.

▼ M16*Article 3o*

1. It shall be prohibited to purchase, import, or transfer, directly or indirectly, gold, as listed in Annex XXVI if it originates in Russia and it has been exported from Russia into the Union or to any third country after 22 July 2022.

2. It shall be prohibited to purchase, import, or transfer, directly or indirectly the products listed in Annex XXVI when processed in a third country incorporating the products prohibited in paragraph 1.

3. It shall be prohibited to purchase, import, or transfer, directly or indirectly, gold, as listed in Annex XXVII if it originates in Russia and it has been exported from Russia into the Union after 22 July 2022.

4. It shall be prohibited to:

(a) provide technical assistance, brokering services or other services related to the goods referred to in paragraphs 1, 2 and 3 and to the provision, manufacture, maintenance and use of those goods, directly or indirectly in relation to the prohibition in paragraphs 1, 2 and 3;

(b) provide financing or financial assistance related to the goods referred to in paragraphs 1, 2 and 3 for any purchase, import or transfer of those goods, or for the provision of related technical assistance, brokering services or other services, directly or indirectly in relation to the prohibition in paragraphs 1, 2 and 3.

5. The prohibitions in paragraphs 1, 2 and 3 shall not apply to gold which is necessary for the official purposes of diplomatic missions, consular posts or international organisations in Russia enjoying immunities in accordance with international law.

6. The prohibition in paragraph 3 shall not apply to goods as listed in Annex XXVII for personal use of natural persons travelling to the European Union or members of their immediate families travelling with them, owned by those individuals and not intended for sale.

7. By way of derogation from paragraphs 1, 2 and 3, the competent authorities may authorise the transfer or import of cultural goods which are on loan in the context of formal cultural cooperation with Russia.

▼M26*Article 3p*

1. It shall be prohibited, as of 1 January 2024, to purchase, import, or transfer, directly or indirectly, diamonds and products incorporating diamonds, as listed in Parts A, B and C of Annex XXXVIII A, if they originate in Russia or have been exported from Russia into the Union or to any third country.
2. It shall be prohibited, as of 1 January 2024, to purchase, import, or transfer, directly or indirectly, diamonds and products incorporating diamonds, as listed in Parts A, B and C of Annex XXXVIII A, of any origin, if they transited via the territory of Russia.
3. It shall be prohibited, as of 1 March 2024, to purchase, import, or transfer, directly or indirectly, products listed in Part A of Annex XXXVIII A, when processed in a third country, consisting of diamonds originating in Russia or exported from Russia with a weight equal to or above 1.0 carats per diamond.

▼M31

4. It shall be prohibited, as of 1 September 2024, to purchase, import, or transfer, directly or indirectly, products listed in Parts A and B of Annex XXXVIII A, when processed in a third country, consisting of diamonds originating in Russia or exported from Russia with a weight equal to or above 0,5 carats or 0,1 grams per diamond.

With regard to products listed in Part C of Annex XXXVIII A, when processed in a third country, incorporating diamonds originating in Russia or exported from Russia with a weight equal to or above 0,5 carats or 0,1 grams per diamond, the prohibition in this paragraph shall apply as from the date decided by the Council pursuant to a proposal submitted on the basis of Article 215 of the Treaty on the Functioning of the European Union.

▼M26

5. It shall be prohibited to:
 - (a) provide technical assistance, brokering services or other services related to the goods referred to in paragraphs 1 to 4, and to the provision, manufacture, maintenance and use of those goods, directly or indirectly in relation to the prohibitions in paragraphs 1 to 4;
 - (b) provide financing or financial assistance related to the goods referred to in paragraphs 1 to 4 for any purchase, import or transfer of those goods, or for the provision of related technical assistance, brokering services or other services, directly or indirectly in relation to the prohibitions in paragraphs 1 to 4.
6. The prohibitions in paragraphs 1 to 4 shall not apply to goods listed in Part C of Annex XXXVIII A for the personal use of natural persons travelling to the Union or of their immediate family members travelling with them, owned by those individuals and not intended for sale.
7. By way of derogation from paragraphs 1 to 4, the competent authorities may authorise the transfer or import of cultural goods which are on loan in the context of formal cultural cooperation with Russia.

▼ M31

8. For the purposes of paragraphs 3 and 4, goods falling under CN codes 7102 31 00 and 7102 10 00 that are imported into the Union shall be submitted for verification without delay, together with documentation certifying their origin, to the authority specified in Annex XXXVIII B. The Member State where those goods are brought into the customs territory of the Union shall ensure their submission to the authority specified in Annex XXXVIII B. Customs transit may be granted to that effect. If such customs transit is granted, the verification provided for in this paragraph shall be suspended until the arrival of those goods at the authority specified in Annex XXXVIII B. The importer shall be responsible for the proper movement of those goods and the costs of such movement. A submission to that authority shall not be necessary provided that the goods had previously undergone the verification procedure provided for in this paragraph and provided that that is proven by traceability-based evidence, including a corresponding certificate certifying that the diamonds are not mined, processed or produced in Russia, as provided for in paragraph 10.

▼ M26

9. All verifications required under paragraph 8 shall be carried out in accordance with the rules and procedures laid down in Council Regulation (EC) No 2368/2002 ⁽¹⁾, which shall apply *mutatis mutandis*.

▼ M31

10. For the purposes of paragraphs 3 and 4, at the moment of importation, importers shall provide evidence of the country of origin of the diamonds or products incorporating diamonds used as inputs for the processing of the product in a third country.

As of 1 March 2025, the traceability-based evidence for products listed in Part A of Annex XXXVIII A shall include a corresponding certificate certifying that the diamonds are not mined, processed or produced in Russia.

11. The prohibitions in paragraphs 1, 3 and 4 shall not apply to products listed in Parts A, B and C of Annex XXXVIII A if those products were physically located in the Union before the date of applicability of the respective prohibition and thereafter exported to a third country other than Russia.

At the moment of importation into the Union, importers shall provide evidence that the products were physically located in the Union or a certificate, based on a submitted stock declaration, from the authority specified in Annex XXXVIII B prior to the export from the Union.

12. The prohibitions in paragraphs 1, 3 and 4 shall not apply to products listed in Parts A, B and C of Annex XXXVIII A if those products were physically located, polished or manufactured in a third country other than Russia before the date of applicability of the respective prohibition.

⁽¹⁾ Council Regulation (EC) No 2368/2002 of 20 December 2002 implementing the Kimberley Process certification scheme for the international trade in rough diamonds (OJ L 358, 31.12.2002, p. 28).

▼ M31

Importers shall, at the moment of importation into the Union, provide evidence that the products had initially been imported into the third country before the date of applicability of the respective prohibition for products falling under CN codes 7102 10 00, 7102 31 00 and 7104 21 00. For products falling under CN codes 7102 39 00 and 7104 91 00, as well as for products listed in Part C of Annex XXXVIII A, importers shall, at the moment of importation, provide evidence that the products had been finally processed or manufactured in the third country, or had been physically located in a processed or manufactured state in the third country before the date of applicability of the respective prohibition.

13. The prohibitions in paragraphs 4 and 5 shall not apply to products listed in Part C of Annex XXXVIII A manufactured before 1 September 2024, and related services if those products were temporarily imported into the Union from any third country or territory other than Russia, or imported after a temporary exportation to any third country or territory other than Russia, provided that those products were placed under the temporary admission, inward processing, outward processing or temporary export customs procedures when entering or exiting the Union.

▼ M26*Article 3q*

1. It shall be prohibited for any national of a Member State, natural person residing in a Member State, and legal person, entity or body which is established in the Union to sell, or otherwise transfer ownership, directly or indirectly, of tankers for the transport of crude oil or petroleum products listed in Annex XXV, falling under HS code ex 8901 20, whether or not originating in the Union, to any natural or legal person, entity or body in Russia or for use in Russia.

2. By way of derogation from paragraph 1, the competent authorities may authorise, under the conditions they deem appropriate, the sale or other transfer of ownership of tankers for the transport of crude oil or petroleum products listed in Annex XXV, falling under HS code ex 8901 20.

3. When deciding on requests for the authorisation referred to in paragraph 2 of this Article, the competent authorities shall not grant an authorisation for a sale or other transfer of ownership to any natural or legal person, entity or body in Russia or for use in Russia, if they have reasonable grounds to believe that the tanker would be used to transport, or be re-exported to transport, crude oil or petroleum products listed in Annex XXV, originating in Russia or exported from Russia for import into the Union in breach of Article 3m or for transport to third countries at a purchase price per barrel exceeding the price laid down in Annex XXVIII.

4. Any sale or other arrangement entailing a transfer of ownership by a national of a Member State, a natural person residing in a Member State, and a legal person, entity or body which is established in the Union to any third country of tankers for the transport of crude oil or petroleum products listed in Annex XXV, falling under HS code ex 8901 20, with the exception of a sale or other transfer of ownership prohibited under paragraph 1, shall be notified immediately to the competent authorities of the Member State where the owner of the tanker is a citizen, a resident or is established.

▼ M26

The notification to the competent authority shall contain at least, the following information: the identities of the seller and the purchaser, and where applicable the incorporation documents of the seller and the purchaser including the shareholding and management; the IMO ship identification number of the tanker; and the Call Sign of the tanker.

5. Any sale or other transfer of ownership of tankers as referred to in paragraphs 1 and 4 after 5 December 2022 and prior to 19 December 2023 shall be notified to the competent authorities before 20 February 2024.

6. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 2, and of any notification under paragraphs 4 and 5, within two weeks of the authorisation or notification.

▼ M31*Article 3r*

1. It shall be prohibited to provide reloading services in the territory of the Union for the purposes of transshipment operations of liquified natural gas falling under CN code 2711 11 00, originating in Russia or exported from Russia.

2. It shall be prohibited to provide, directly or indirectly, technical assistance, brokering services, financing or financial assistance related to the prohibition in paragraph 1.

3. By way of derogation from the prohibitions in paragraphs 1 and 2, the competent authorities may authorise reloading services for the purposes of transshipment operations of liquified natural gas falling under CN code 2711 11 00, originating in Russia or exported from Russia, if such reloading is necessary for its transport to a Member State and such Member State has confirmed that the transshipment is used to ensure the energy supply in that Member State.

4. In order to ensure compliance with the prohibitions in paragraphs 1 and 2, the competent authorities may establish rules and guidance at national level. Such rules and guidance shall include enhanced due diligence requirements in particular for the identification of reloading services provided for the purpose of transshipment operations, taking into account specificities of the national regulatory framework applicable to liquified natural gas facilities, previous business practices of shippers, the time between the unloading and reloading, indications of direct commercial connections between the unloading and reloading, including the purchase of new unloading and reloading services in bundle, and the country of registration of the economic operators involved.

5. The competent authorities shall inform the Commission, at the latest by 26 December 2024, of the rules and guidance established under paragraph 4, or that they do not intend to establish such rules.

6. The prohibitions in paragraphs 1 and 2 shall not apply until 26 March 2025 for the execution of contracts concluded before 25 June 2024.

▼M31

7. Legal persons performing unloading operations of liquified natural gas falling under CN code 2711 11 00, originating in Russia or exported from Russia, shall inform by 26 July 2024 and every month thereafter the competent authority of the Member State where they are located of all unloading operations and imports into the Union of liquified natural gas, falling under CN code 2711 11 00, originating in Russia or exported from Russia. The reporting shall include information on volumes.

The Member State concerned shall provide the Commission with the information received.

8. Paragraph 2 shall not apply in the case of a vessel in need of assistance seeking a place of refuge, of an emergency port call for reasons of maritime safety, or for saving life at sea or for the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters.

9. The prohibitions in paragraphs 1 and 2 shall not apply to reloading services necessary for the bunkering of liquified natural gas fuelled vessels.

10. The Commission shall monitor liquefied natural gas flows, markets and prices, Union competitiveness, and the share of Russian liquefied natural gas imports in the total energy imports of the Union. It shall report to the Council in the event of any important developments linked to the prohibitions in paragraphs 1 and 2, and at the latest by 26 June 2025. The Council shall take those reports into account for the review of the restrictive measures.

11. In the event of important developments linked to the prohibitions in paragraphs 1 and 2, affecting liquefied natural gas flows, markets, prices, Union competitiveness or the share of Russian liquefied natural gas imports in the total energy imports of the Union, the Commission shall propose mitigating measures to the Council, accompanied by an assessment of their impact.

Article 3s

1. In relation to any vessel listed in Annex XLII, it shall be prohibited to, directly or indirectly:

- (a) provide access to ports, anchorage zones and locks in the territory of the Union, and for such a vessel to access them;
- (b) import into the Union, purchase or transfer such a vessel;
- (c) sell, supply, including charter, or export such a vessel;
- (d) operate or crew such a vessel;
- (e) provide flag registration for the benefit of such a vessel;
- (f) provide financing and financial assistance, including insurance, as well as brokering services, including ship brokering;

▼M31

- (g) provide technical assistance and other services including bunkering, ship supply services, crew changes services, cargo loading and discharge services, fendering and tug services to the benefit of such a vessel; and
- (h) engage in ship-to-ship transfers or any other transfer of cargo with, or procure any services from, such a vessel.

2. Annex XLII shall include vessels that:

- (a) transport goods and technology used in the defence and security sector, from or to Russia, for use in Russia or for Russia's warfare in Ukraine;
- (b) transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33);
- (c) are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure;
- (d) are operated in such a way as to contribute or support actions or policies which undermine or threaten the economic subsistence or food security of Ukraine, such as the transport of stolen Ukrainian grain, or the preservation of cultural heritage of Ukraine, such as the transport of stolen Ukrainian cultural goods;
- (e) transport goods originating in or exported from the Union listed in Annexes XI, XX and XXIII of this Regulation, or goods originating in Russia or exported from Russia and imported into the Union listed in Annex XXI of this Regulation and thereby enabling Russia's actions destabilising the situation in Ukraine;
- (f) are operated in such a way as to facilitate or engage in the violation or circumvention or otherwise significantly frustrate the provisions of this Regulation or of Regulations (EU) No 269/2014, (EU) No 692/2014 or (EU) 2022/263; or
- (g) are owned, chartered or operated by natural or legal persons, entities or bodies listed in Annex I to Regulation (EU) No 269/2014, are otherwise used in the name of, on behalf of, in relation with or for the benefit of such persons.

3. Paragraph 1 shall not apply in the case of a vessel, as listed in Annex XLII, in need of assistance seeking a place of refuge, of an emergency port call for reasons of maritime safety, or for saving life at sea, or for humanitarian purposes, or for the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters, or for the recognition or enforcement of a judgment or an arbitration award rendered in a Member State.

▼M31

4. By way of derogation from points (a) and (g) of paragraph 1, the competent authorities of an island Member State may authorise a vessel listed in Annex XLII under paragraph 2(e), to access ports and anchorage zones, and receive services under paragraph 1(g) under such conditions as they deem appropriate, after having determined that:

- (a) the goods are strictly necessary to satisfy basic needs of that Member State; and
- (b) the import of such goods is not otherwise prohibited under this Regulation.

5. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 4 within two weeks of the authorisation.

Article 3t

1. It shall be prohibited to sell, supply, transfer, or export, directly or indirectly, goods and technology and to provide, directly or indirectly, services to any natural or legal person, entity or body in Russia when such goods, technology and services are for the completion of liquefied natural gas projects, such as terminals and plants.

2. It shall be prohibited to:

- (a) provide, directly or indirectly, technical assistance or brokering services related to goods, technology and services in Russia when such goods, technology and services are intended for the completion of such liquefied natural gas projects;
- (b) provide, directly or indirectly, financing or financial assistance related to goods, technology and services in Russia when such goods, technology and services are intended for the completion of such liquefied natural gas projects.

3. The prohibitions in paragraphs 1 and 2 shall be without prejudice to the execution until 26 September 2024 of contracts concluded before 25 June 2024, or ancillary contracts necessary for the execution of such contracts.

Article 3u

1. It shall be prohibited to purchase, import or transfer, directly or indirectly, liquified natural gas falling under CN code 2711 11 00, originating in Russia or exported from Russia, through liquefied natural gas terminals in the Union that are not connected to the inter-connected natural gas system.

2. It shall be prohibited to provide, directly or indirectly, technical assistance, brokering services, financing or financial assistance or any other services related to the prohibition in paragraph 1.

▼ M31

3. The prohibitions in paragraphs 1 and 2 shall not apply until 26 July 2024 to contracts concluded before 25 June 2024 or ancillary contracts necessary for the execution of such contracts.

4. The prohibitions in paragraphs 1 and 2 shall not affect the supply of liquefied natural gas of Russian origin from the mainland of a Member State to its outermost regions.

Article 3v

1. It shall be prohibited to purchase, import, transfer, sell, supply or export, directly or indirectly, Ukrainian cultural property goods and other goods of archaeological, historical, cultural, rare scientific or religious importance, where there are reasonable grounds to suspect that the goods have been removed from Ukraine without the consent of their legitimate owner or have been removed in breach of Ukrainian law or international law, in particular if the goods form an integral part of the public collections listed in the inventories of the conservation collections of Ukrainian museums, archives or libraries, or of the inventories of Ukrainian religious institutions.

2. It shall be prohibited to provide, directly or indirectly, technical assistance, brokering services, financing or financial assistance or any other services related to the prohibition in paragraph 1.

3. The prohibition in paragraphs 1 and 2 shall not apply if it is demonstrated that:

- (a) the goods were exported from Ukraine prior to 1 March 2014; or
- (b) the goods are being safely returned to their legitimate owners in Ukraine.

▼ B*Article 4*

1. It shall be prohibited:

▼ M25

- (a) to provide, directly or indirectly, technical assistance and brokering services related to the goods and technology listed in the Common Military List⁽¹⁾, or related to the provision, manufacture, maintenance and use of goods included in that list, to any natural or legal person, entity or body in Russia or for use in Russia;

▼ M1

- (b) to provide, directly or indirectly, financing or financial assistance related to the goods and technology listed in the Common Military List, including in particular grants, loans and export credit insurance or guarantee, as well as insurance and reinsurance for any sale, supply, transfer or export of such items, or for any provision of related technical assistance, to any natural or legal person, entity or body in Russia or for use in Russia.

⁽¹⁾ Latest version published in OJ C 85, 13.3.2020, p. 147.

▼ M13
_____**▼ B**

2. The prohibitions in paragraph 1 shall be without prejudice to the assistance for:

- (a) the import, purchase or transport related to: (i) the provision of spare parts and services necessary for the maintenance and safety of existing capabilities within the Union; or (ii) the execution of contracts concluded before 1 August 2014, or ancillary contracts necessary for the execution of such contracts; or
- (b) the sale, supply, transfer or export of spare parts and services necessary for the maintenance, repair and safety of existing capabilities within the Union.

▼ M3

2a. The prohibitions in points (a) and (b) of paragraph 1 shall not apply to the provision, directly or indirectly, of technical assistance, financing or financial assistance, related to the following operations:

- (a) the sale, supply, transfer or export and to the import, purchase or transport of Hydrazine (CAS 302-01-2) in concentrations of 70 per cent or more, provided that that technical assistance, financing or financial assistance refers to an amount of Hydrazine calculated in accordance with the launch or launches or the satellites for which it is made, and which does not exceed a total quantity of 800 kg for each individual launch or satellite;
- (b) the import, purchase or transport of Unsymmetrical dimethyl hydrazine (CAS 57-14-7);
- (c) the sale, supply, transfer or export and to the import, purchase or transport of monomethyl hydrazine (CAS60-34-4), provided that that technical assistance, financing or financial assistance refers to an amount of Monomethyl Hydrazine calculated in accordance with the launch or launches or the satellites for which it is made,

insofar as the substances mentioned in points (a), (b) and (c) of this paragraph are destined for the use of launchers operated by European launch service providers, for the use of launches of European space programmes, or for the fuelling of satellites by European satellites manufacturers.

▼ M4

2aa. The prohibitions in points (a) and (b) of paragraph 1 shall not apply to the provision, directly or indirectly, of technical assistance, financing or financial assistance related to the sale, supply, transfer or export and the import, purchase or transport of hydrazine (CAS 302-01-2) in concentrations of 70 % or more, provided that that technical assistance, financing or financial assistance refers to hydrazine destined for:

- (a) the tests and flight of the ExoMars descent module in the framework of the ExoMars 2020 mission, in an amount calculated in accordance with the needs of each phase of that mission, which does not exceed a total of 5 000 kg for the entire duration of the mission; or
- (b) the flight of the ExoMars carrier module in the framework of the ExoMars 2020 mission, in an amount calculated in accordance with the needs of the flight, which does not exceed a total of 300 kg.

2b. The provision, directly or indirectly, of technical assistance, financing or financial assistance, related to the operations referred to in paragraphs 2a and 2aa shall be subject to prior authorisation by the competent authorities.

Applicants for authorisation shall supply the competent authorities with all relevant information required.

The competent authorities shall inform the Commission of all the authorisations granted.

▼ M2

3. The provision of the following shall be subject to an authorisation from the competent authority concerned:

- (a) technical assistance or brokering services related to items listed in Annex II and to the provision, manufacture, maintenance and use of those items, directly or indirectly, to any natural or legal person, entity or body in Russia, including its Exclusive Economic Zone and Continental Shelf or, if such assistance concerns items for use in Russia, including its Exclusive Economic Zone and Continental Shelf, to any person, entity or body in any other State;
- (b) financing or financial assistance related to items referred to in Annex II, including in particular grants, loans and export credit insurance, for any sale, supply, transfer or export of those items, or for any provision of related technical assistance, directly or indirectly, to any natural or legal person, entity or body in Russia, including its Exclusive Economic Zone and Continental Shelf or, if such assistance concerns items for use in Russia, including its Exclusive Economic Zone and Continental Shelf, to any person, entity or body in any other State.

▼ M2

In duly justified cases of emergency referred to in Article 3(5), the provision of services referred to in this paragraph may proceed without prior authorisation, on condition that the provider notifies the competent authority within five working days after the provision of services.

▼ C1

4. Where authorisations are requested pursuant to paragraph 3 of this Article, Article 3, and in particular paragraphs 2 and 5 thereof, shall apply *mutatis mutandis*.

▼ M7*Article 5*

1. It shall be prohibited to directly or indirectly purchase, sell, provide investment services for or assistance in the issuance of, or otherwise deal with transferable securities and money-market instruments with a maturity exceeding 90 days, issued after 1 August 2014 to 12 September 2014, or with a maturity exceeding 30 days, issued after 12 September 2014 to 12 April 2022 or any transferable securities and money market instruments issued after 12 April 2022 by:

- (a) a major credit institution, or other major institution having an explicit mandate to promote competitiveness of the Russian economy, its diversification and encouragement of investment, established in Russia with over 50 % public ownership or control as of 1 August 2014, as listed in Annex III; or
- (b) a legal person, entity or body established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed in Annex III; or
- (c) a legal person, entity or body acting on behalf or at the direction of an entity referred to in point (b) of this paragraph or listed in Annex III.

2. It shall be prohibited to directly or indirectly, purchase, sell, provide investment services for or assistance in the issuance of, or otherwise deal with transferable securities and money-market instruments issued after 12 April 2022 by:

- (a) any major credit institution, or other institution with over 50 % public ownership or control as of 26 February 2022 or any other credit institution having a significant role in supporting the activities of Russia, its government or the Central Bank and established in Russia, as listed in Annex XII; or
- (b) a legal person, entity or body established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed in Annex XII; or

▼ M7

- (c) a legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a) or (b) of this paragraph.

3. It shall be prohibited to directly or indirectly purchase, sell, provide investment services for or assistance in the issuance of, or otherwise deal with transferable securities and money-market instruments with a maturity exceeding 30 days, issued after 12 September 2014 to 12 April 2022 or any transferable securities and money market instruments issued after 12 April 2022 by:

- (a) a legal person, entity or body established in Russia predominantly engaged, and with major activities, in the conception, production, sales or export of military equipment or services, as listed in Annex V, except legal persons, entities or bodies active in the space or the nuclear energy sectors;
- (b) a legal person, entity or body established in Russia, which is publicly controlled or with over 50 % public ownership and having estimated total assets of over RUB 1 trillion and whose estimated revenues originate for at least 50 % from the sale or transportation of crude oil or petroleum products, as listed in Annex VI;
- (c) a legal person, entity or body established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed in point (a) or (b) of this paragraph; or
- (d) a legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a), (b) or (c) of this paragraph.

4. It shall be prohibited to directly or indirectly purchase, sell, provide investment services for or assistance in the issuance of, or otherwise deal with transferable securities and money-market instruments, issued after 12 April 2022 by:

- (a) a legal person, entity or body established in Russia, which is publicly controlled or with over 50 % public ownership and in which Russia, its Government or Central Bank has the right to participate in profits or with which Russia, its Government or Central Bank has other substantial economic relationships, as listed in Annex XIII; or
- (b) a legal person, entity or body established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed Annex XIII; or
- (c) a legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a) or (b) of this paragraph.

▼ M20

5. It shall be prohibited to list and provide services for, as of 12 April 2022, and to admit to trading as of 29 January 2023, on trading venues registered or recognised in the Union, the transferable securities of any legal person, entity or body established in Russia and with over 50 % public ownership.

▼ M26

6. It shall be prohibited to directly or indirectly make or be part of any arrangement to make:

- (i) new loans or credit with a maturity exceeding 30 days to any legal person, entity or body referred to in paragraph 1 or 3, after 12 September 2014 to 26 February 2022; or
- (ii) any new loans or credit to any legal person, entity or body referred to in paragraph 1, 2, 3 or 4 after 26 February 2022.

The prohibition shall not apply to:

- (a) loans or credit that have a specific and documented objective to provide financing for non-prohibited imports or exports of goods and non-financial services between the Union and any third State, including the expenditure for goods and services from another third State that is necessary for executing the export or import contracts, provided that the national competent authority has been notified within three months of the date of the loan or credit; or
- (b) loans that have a specific and documented objective to provide emergency funding to meet solvency and liquidity criteria for legal persons established in the Union, whose proprietary rights are owned for more than 50 % by any entity referred to in Annex III, provided that the national competent authority has been notified within three months of the date of the loan or credit.

7. The prohibition in paragraph 6 shall not apply to drawdown or disbursements made under a contract concluded before 26 February 2022, provided that the following conditions are met:

- (a) all the terms and conditions of such drawdown or disbursements:
 - (i) were agreed before 26 February 2022; and
 - (ii) have not been modified on or after that date;
- (b) before 26 February 2022, a contractual maturity date has been fixed for the repayment in full of all funds made available and for the cancellation of all the commitments, rights and obligations under the contract;
- (c) at the time of its conclusion the contract was not in breach of the prohibitions in this Regulation in force at that time; and
- (d) the national competent authority has been notified within three months of the date of the drawdown or disbursements.

The terms and conditions of drawdowns and disbursements referred to in point (a) include provisions concerning the length of the repayment period for each drawdown or disbursement, the interest rate applied or the interest rate calculation method, and the maximum amount.

▼ M6*Article 5a*

1. It shall be prohibited to directly or indirectly purchase, sell, provide investment services for or assistance in the issuance of, or otherwise deal with transferable securities and money-market instruments issued after 9 March 2022 by:

- (a) Russia and its government; or
- (b) the Central Bank of Russia; or
- (c) a legal person, entity or body acting on behalf or at the direction of the entity referred to in point (b).

▼ M26

2. It shall be prohibited to directly or indirectly make or be part of any arrangement to make any new loans or credit to any legal person, entity or body referred to in paragraph 1 after 23 February 2022.

The prohibition shall not apply to loans or credit that have a specific and documented objective to provide financing for non-prohibited imports or exports of goods and non-financial services between the Union and any third State, including the expenditure for goods and services from another third State that is necessary for executing the export or import contracts, provided that the national competent authority has been notified within three months of the date of the loan or credit.

3. The prohibition in paragraph 2 shall not apply to drawdown or disbursements made under a contract concluded before 23 February 2022 provided that the following conditions are met:

- (a) all the terms and conditions of such drawdown or disbursements:
 - (i) were agreed before 23 February 2022; and
 - (ii) have not been modified on or after that date;
- (b) before 23 February 2022 a contractual maturity date has been fixed for the repayment in full of all funds made available and for the cancellation of all the commitments, rights and obligations under the contract; and
- (c) the national competent authority has been notified within three months of the date of the drawdown or disbursements.

The terms and conditions of drawdowns and disbursements referred to in point (a) include provisions concerning the length of the repayment period for each drawdown or disbursement, the interest rate applied or the interest rate calculation method, and the maximum amount.

▼ M11

4. Transactions related to the management of reserves as well as of assets of the Central Bank of Russia, including transactions with any legal person, entity or body acting on behalf of, or at the direction of, the Central Bank of Russia, such as the Russian National Wealth Fund, are prohibited.

▼ **M24**

4a. Notwithstanding the applicable rules concerning reporting, confidentiality and professional secrecy, natural and legal persons, entities and bodies, including the European Central Bank, national central banks, financial sector entities as defined in Article 4 of Regulation (EU) No 575/2013 of the European Parliament and of the Council ⁽¹⁾, insurance and reinsurance undertakings as defined in Article 13 of Directive 2009/138/EC of the European Parliament and of the Council ⁽²⁾, central securities depositories as defined in Article 2 of Regulation (EU) No 909/2014 and central counterparties as defined in Article 2 of Regulation (EU) No 648/2012 of the European Parliament and of the Council ⁽³⁾ shall provide, no later than two weeks after 26 February 2023, to the competent authority of the Member State where they are resident or located, and simultaneously to the Commission, information on the assets and reserves referred to in paragraph 4 of this Article which they hold or control or are a counterparty to. Such information shall be updated every three months and shall at least cover the following:

- (a) information identifying the natural or legal persons, entities or bodies owning, holding or controlling such assets and reserves, including the name, address and VAT registration or tax identification number;
- (b) the amount or market value of such assets and reserves at the date of reporting and at the date of immobilisation;
- (c) types of the assets and reserves, broken down according to the categories set out in points (i) to (vii) of Article 1(g) of Council Regulation (EU) 269/2014 ⁽⁴⁾ as well as crypto-assets and other relevant categories, and an additional category corresponding to economic resources within the meaning of Article 1(d) of Regulation (EU) 269/2014. For each of those categories and where available, relevant features, such as quantity, location, currency, maturity and contractual conditions between the reporting entity and the asset owner shall be indicated.

4b. Where the reporting natural or legal person, entity or body has established an extraordinary and unforeseen loss or damage to the assets and reserves referred to in paragraph 4a, this information shall be reported immediately to the competent authority of the relevant Member State and transmitted simultaneously to the Commission.

⁽¹⁾ Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation (EU) No 648/2012 (OJ L 176, 27.6.2013, p. 1).

⁽²⁾ Directive 2009/138/EC of the European Parliament and of the Council of 25 November 2009 on the taking-up and pursuit of the business of Insurance and Reinsurance (Solvency II) (OJ L 335, 17.12.2009, p. 1).

⁽³⁾ Regulation (EU) No 648/2012 of the European Parliament and of the Council of 4 July 2012 on OTC derivatives, central counterparties and trade repositories (OJ L 201, 27.7.2012, p. 1).

⁽⁴⁾ Council Regulation (EU) No 269/2014 of 17 March 2014 concerning restrictive measures in respect of actions undermining or threatening the territorial integrity, sovereignty and independence of Ukraine (OJ L 78, 17.3.2014, p. 6).

▼ M24

4c. Member States, as well as the natural and legal persons, entities and bodies covered by the reporting obligation set out in paragraph 4a, shall cooperate with the Commission in any verification of the information received pursuant to that paragraph. The Commission may request any additional information it requires to carry out such verification. When such a request is addressed to a natural or legal person, entity or body, the Commission shall simultaneously transmit it to the competent authority of the relevant Member State. Any additional information received directly by the Commission shall be made available to the competent authority of the relevant Member State.

4d. Any information provided to or received by the Commission and the competent authorities of the Member States in accordance with this Article shall be used by the Commission and the competent authorities of the Member States only for the purposes for which it was provided or received.

4e. Any processing of personal data shall be carried out in accordance with this Regulation and Regulations (EU) 2016/679 ⁽¹⁾ and (EU) 2018/1725 ⁽²⁾ of the European Parliament and of the Council and only in so far as necessary for the application of this Regulation and to ensure effective cooperation between Member States as well as with the Commission in the application of this Regulation.

▼ M8

5. By way of derogation from paragraph 4, the competent authorities may authorise a transaction provided that it is strictly necessary to ensure the financial stability of the Union as a whole or of the Member State concerned.

6. The Member State concerned shall immediately inform the other Member States and the Commission of its intention to grant an authorisation under paragraph 5.

▼ M27

7. Paragraph 4 shall not apply to any balance sheet management transactions linked to assets and reserves of the Central Bank of Russia, or linked to assets and reserves of any legal person, entity or body acting on behalf of, or at the direction of, the Central Bank of Russia, such as the Russian National Wealth Fund, carried out on or after 28 February 2022.

▼ M30

8. As of 15 February 2024, and for as long as the restrictive measures set out in paragraph 4 are maintained, central securities depositories within the meaning of Regulation (EU) No 909/2014 holding assets and reserves referred to in paragraph 4 of this Article with a total value exceeding EUR 1 million shall apply the following rules regarding cash balances accumulating exclusively due to the restrictive measures:

⁽¹⁾ Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

⁽²⁾ Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC (OJ L 295, 21.11.2018, p. 39).

▼ **M30**

- (a) those cash balances shall be accounted for separately;
- (b) revenues accruing from or generated by the cash balances referred to in point (a) from 15 February 2024 shall be registered separately in the financial accounts of central securities depositories;
- (c) without prejudice to paragraphs 9 and 10, net profits determined in respect of revenues referred to in point (b) of this paragraph in accordance with national law, including by deducting all relevant expenses linked to or resulting from the management of the immobilised assets and the risk management associated with the immobilised assets and after deduction of corporate tax under the general regime of the Member State concerned, shall not be disposed of by way of distribution in the form of dividends or in whatever form to the benefit of shareholders or any third party. This prohibition shall not apply to the net profits not constituting the financial contribution referred to in paragraph 9.

9. The net profits referred to in point (c) of paragraph 8 shall be subject to a financial contribution due by the central securities depositories to the Union.

The rate of the financial contribution shall be 99,7 % of those net profits.

The Commission shall call for financial contributions, in accordance with Regulation (EU, Euratom) 2018/1046 ⁽¹⁾, from the central securities depositories concerned biannually on the basis of the interim financial report referred to in paragraph 11 of this Article. The Commission shall establish the definitive amounts of the financial contribution due annually on the basis of the statutory audited financial statements for year N after they are available in year N+1. If the definitive annual amount of the financial contribution due for year N is lower than the sum of amounts of the biannual payments made in respect of year N, the difference shall be deducted from the next payment due by the central securities depositories to the Union in the year N+1, including biannual payments and transfer of amounts provisionally retained in accordance with paragraph 10, points (e) and (f). The amount due by the central securities depositories resulting from the netting pursuant to the previous sentence shall not be lower than zero.

The Commission shall inform the Council biannually on the amounts transferred by the CSDs.

- 10. (a) Central securities depositories may provisionally retain a share not exceeding 10 % of the financial contribution ('amounts provisionally retained'), which shall remain due to the Union.

⁽¹⁾ Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 (OJ L 193, 30.7.2018, p. 1).

▼ M30

- (b) If the share referred to in point (a) is not sufficient in the light of risk management requirements, a central securities depository may submit a request to the national supervisory authority, as designated in accordance with Article 11 of Regulation (EU) No 909/2014, to retain an additional percentage of the financial contribution due. The national supervisory authority shall consult the Commission and, where appropriate, the European Central Bank and shall take a decision accordingly. The national supervisory authority may approve the retention of an additional percentage only after having determined that it is strictly necessary to comply with risk management requirements in view of the impact due to the war in Ukraine with regard to the assets held by central securities depositories. If the national supervisory authority has approved an additional percentage, that percentage shall become definitive in respect of that financial year, unless the Commission decides, within five days after notification, that the additional percentage does not comply with the conditions set out in this point. The Commission may determine a lower additional percentage which constitutes the maximum additional percentage the national supervisory authority may approve. Where, in its notification to the Commission, the national supervisory authority invokes an emergency, the Commission shall decide within 24 hours after such notification. For the purpose of its decision under this point, the Commission shall consult the European Central Bank. The Commission shall inform the Council without delay of any decision of the national supervisory authority to retain an additional percentage under this point.
- (c) Where the Commission considers that the additional percentage referred to in point (b) is no longer strictly necessary to comply with risk management requirements in view of the impact due to the war in Ukraine with regard to the assets held by central securities depositories, the Commission shall, after consulting the national supervisory authority and where appropriate, the European Central Bank, decide on a decrease of such additional percentage. The Commission may adopt a decision under this point not earlier than four months after the decision of the national supervisory authority to retain an additional percentage has become definitive. It shall base its decision on the most recent information available.
- (d) Amounts provisionally retained by a central securities depository in accordance with this paragraph shall be used exclusively to cover the expenses, risks and losses incurred by it due to the war in Ukraine with regard to the assets held by that central securities depository, and only to the extent that such expenses, risks and losses cannot be covered by the internal resources of the central securities depository at the time of their occurrence. Amounts provisionally retained which have been used in accordance with this point shall cease to be due to the Union. Any information provided or received in accordance with this paragraph shall be used exclusively for the purposes for which it has been provided or received.

▼ M30

- (e) If amounts provisionally retained have not been used within five years for the purpose referred to in point (d), the national supervisory authority shall, after consulting the Commission and, where appropriate, the European Central Bank, determine whether those amounts or part of those amounts are still needed to meet risk management requirements in view of the impact due to the war in Ukraine with regard to the assets held by central securities depositories. The national supervisory authority shall notify the Commission without delay about its decision on determination of those amounts and the time for which those amounts may continue to be retained. The decision of the national supervisory authority shall become definitive unless the Commission decides, within five days after notification, that the conditions set out in this point are not complied with. The Commission shall consult the European Central Bank to that effect. Amounts no longer retained shall be transferred to the Union.
- (f) The central securities depositories shall transfer to the Union all remaining unused amounts provisionally retained at the latest when the restrictive measures under this Article are discontinued. The national supervisory authority may, after consulting the Commission and, where appropriate, the European Central Bank, decide to retain the amounts thereafter if those amounts or part of those amounts are still needed to meet relevant risk management requirements in view of the impact due to the war in Ukraine with regard to the assets held by central securities depositories. The decision of the national supervisory authority shall become definitive unless the Commission decides, within five days after notification, that the conditions set out in this point are not complied with. The Commission shall consult the European Central Bank to that effect. Amounts no longer retained shall be transferred to the Union.

11. Central securities depositories referred to in paragraph 8 shall submit to the Commission and to their national competent authorities, in accordance with the rules set out in the act referred to in paragraph 13 the interim financial reports and the audited annual financial statements.

They shall also report by 30 June of each year, on the total amounts remaining provisionally retained on 31 December of the preceding year, according to paragraph 10, amounts provisionally retained that were used in accordance with paragraph 10, point (d), during the preceding year, and the amounts provisionally retained which have to be transferred to the Union in accordance with paragraph 10, points (e) and (f).

12. Central securities depositories concerned shall fully cooperate in the protection of the financial interests of the Union and shall grant the necessary rights and access required for the authorising officer responsible, for the European Public Prosecutor's Office (EPPO) in respect of those Member States participating in the enhanced cooperation on the establishment of the EPPO pursuant to Council Regulation

▼ M30

(EU) 2017/1939 ⁽¹⁾, for the European Anti-Fraud Office (OLAF), for the Court of Auditors, and, where appropriate, for the relevant national authorities, to comprehensively exercise their respective competences. In the case of OLAF, such rights shall include the right to carry out investigations, including on-the-spot checks and inspections, in accordance with Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council ⁽²⁾.

13. The Commission shall be empowered to adopt regulations, by means of implementing acts, setting out specific detailed arrangements for reporting to the Commission and the national competent authority as provided for under paragraph 11, and for the implementation of revenue operations such as payments by central securities depositories and the establishment of definitive amounts of financial contributions. Those rules may, as appropriate, complement the horizontal rules on revenue operations set out in Regulation (EU, Euratom) No 2018/1046 to cater for the specific characteristics of the financial contribution. The Commission shall consult the relevant national supervisory authorities to that effect.

14. The amounts of the financial contribution paid to the Union budget shall be used to support Ukraine through the Union spending instruments listed in Annex XLI. Annex XLI shall be reviewed yearly, and for the first time before 1 January 2025, and may be amended through a Council Implementing Regulation, adopted upon a joint proposal of the High Representative of the Union for Foreign Affairs and Security Policy and of the Commission.

Amounts used for spending instruments financed from the Union budget shall constitute external assigned revenues in accordance with Article 21(5) of Regulation (EU, Euratom) No 2018/1046.

▼ M12*Article 5aa*

1. It shall be prohibited to directly or indirectly engage in any transaction with:

- (a) a legal person, entity or body established in Russia, which is publically controlled or with over 50 % public ownership or in which Russia, its Government or Central Bank has the right to participate in profits or with which Russia, its Government or Central Bank has other substantial economic relationship, as listed in Annex XIX;

⁽¹⁾ Council Regulation (EU) 2017/1939 of 12 October 2017 implementing enhanced cooperation on the establishment of the European Public Prosecutor's Office ('the EPPO') (OJ L 283, 31/10/2017, p. 1).

⁽²⁾ Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999 (OJ L 248, 18.9.2013, p. 1).

▼ M12

- (b) a legal person, entity or body established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed in Annex XIX; or
- (c) a legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a) or (b) of this paragraph.

▼ M17

1a. It shall be prohibited as from 22 October 2022 to hold any posts in the governing bodies of any legal person, entity or body referred to in paragraph 1.

▼ M20

1b. It shall be prohibited as from 16 January 2023 to hold any posts in the governing bodies of:

- (a) a legal person, entity or body established in Russia, which is publicly controlled or with over 50 % public ownership, or in which Russia, its Government or Central Bank has the right to participate in profits or with which Russia, its Government or Central Bank has other substantial economic relationship;
- (b) a legal person, entity or body established in Russia whose proprietary rights are directly or indirectly owned for more than 50 % by an entity referred to in point (a) of this paragraph; or
- (c) a legal person, entity or body established in Russia and acting on behalf or at the direction of an entity referred to in point (a) or (b) of this paragraph.

This prohibition shall not apply to any legal person, entity or body referred to in paragraph 1, for which paragraph 1a applies.

1c. By way of derogation from paragraph 1b, the competent authorities may authorise the holding of a post in the governing body of a legal person, entity or body referred to in paragraph 1b, after having determined that the legal person, entity or body is:

- (a) a joint venture or similar legal arrangement involving a legal person, entity or body referred to in paragraph 1b and concluded by a legal person, entity or body which is incorporated or constituted under the law of a Member State before 17 December 2022; or
- (b) a legal person, entity or body referred to in paragraph 1b which was established in Russia before 17 December 2022 and which is owned by, or solely or jointly controlled by, a legal person, entity or body which is incorporated or constituted under the law of a Member State.

1d. By way of derogation from paragraph 1b, the competent authorities may authorise the holding of a post in the governing body of a legal person, entity or body referred to in paragraph 1b, after having determined that the holding of such a post is necessary for ensuring critical energy supply.

▼ M20

1e. By way of derogation from paragraph 1b, the competent authorities may authorise the holding of a post in the governing body of a legal person, entity or body referred to in paragraph 1b, after having determined that the legal person, entity or body is involved in the transit through Russia of oil originating in a third country and that the holding of such a post is intended for operations which are not prohibited under Articles 3m and 3n.

▼ M26 _____**▼ M17**

2a. The prohibition in paragraph 1 shall not apply to the reception of payments due by the legal persons, entities or bodies referred to in Part A of Annex XIX pursuant to contracts performed before 15 May 2022.

▼ M26 _____**▼ M17**

2c. The prohibition in paragraph 1 shall not apply to the reception of payments due by the legal persons, entities or bodies referred to in Part B of Annex XIX pursuant to contracts performed before 8 January 2023.

▼ M26 _____**▼ M20**

2e. The prohibition in paragraph 1 shall not apply to the reception of payments due by the legal persons, entities or bodies referred to in Part C of Annex XIX pursuant to contracts performed before 18 March 2023.

▼ M12

3. ► **M26** Unless otherwise prohibited, the prohibition in paragraph 1 shall not apply to: ◀

▼ M16

(a) transactions which are strictly necessary for the direct or indirect purchase, import or transport of natural gas, titanium, aluminium, copper, nickel, palladium and iron ore from or through Russia into the Union, a country member of the European Economic Area, Switzerland, or the Western Balkans;

(aa) unless prohibited under Article 3m or 3n, transactions which are strictly necessary for the direct or indirect purchase, import or transport of oil, including refined petroleum products, from or through Russia;

▼ M12

- (b) transactions related to energy projects outside Russia in which a legal person, entity or body listed in Annex XIX is a minority shareholder;

▼ M25

▼ M26

- (d) transactions, including sales, which are strictly necessary for the wind-down, by 31 December 2024, of a joint venture or similar legal arrangement concluded before 16 March 2022, involving a legal person, entity or body referred to in paragraph 1;

▼ M15

- (e) transactions related to the provision of electronic communication services, data center services, and the provision of services and equipment necessary for their operation, maintenance, security, including the provision of firewalls, and call center services, to a legal person, entity or body listed in Annex XIX;

▼ M16

- (f) transactions which are necessary for the purchase, import or transport of pharmaceutical, medical, agricultural and food products, including wheat and fertilisers whose import, purchase and transport is allowed under this Regulation;
- (g) transactions which are strictly necessary to ensure access to judicial, administrative or arbitral proceedings in a Member State, as well as for the recognition or enforcement of a judgment or an arbitration award rendered in a Member State and if such transactions are consistent with the objectives of this Regulation and Regulation (EU) No 269/2014;

▼ M26

3a. By way of derogation from paragraph 1, the competent authorities may authorise, under such conditions as they deem appropriate, transactions which are strictly necessary for the divestment and withdrawal by 31 December 2024, by the entities referred to in paragraph 1 or their subsidiaries in the Union from a legal person, entity or body established in the Union.

▼ M17

4. By way of derogation from the procedure laid down in Article 7(3) of Regulation (EC) No 391/2009 of the European Parliament and of the Council⁽¹⁾ and in Article 21(3) of Directive (EU) 2016/1629 of the European Parliament and of the Council⁽²⁾, the Union's recognition of the Russian Maritime Register of Shipping under Regulation (EC) No 391/2009 and Directive (EU) 2016/1629 is withdrawn.

⁽¹⁾ Regulation (EC) No 391/2009 of the European Parliament and of the Council of 23 April 2009 on common rules and standards for ship inspection and survey organisations (OJ L 131 28.5.2009, p. 11).

⁽²⁾ Directive (EU) 2016/1629 of the European Parliament and of the Council of 14 September 2016 laying down technical requirements for inland waterway vessels, amending Directive 2009/100/EC and repealing Directive 2006/87/EC (OJ L 252, 16.9.2016, p. 118).

▼ M20

5. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 1c, 1d, 1e and 3a within two weeks of the authorisation.

▼ M31*Article 5ab*

1. It shall be prohibited to directly or indirectly engage in any transaction with a legal person, entity or body referred to in point (a), (b) or (c), of Article 11(1) that lodged a claim before a Russian court against a natural or a legal person, entity or body referred to in point (c) or (d) of Article 13 to obtain an injunction, order, relief, judgment or other Court decision pursuant to Article 248 of the Arbitration Procedure Code of the Russian Federation or equivalent Russian legislation, in connection with any contract or transaction the performance of which has been affected, directly or indirectly, in whole or in part, by the measures imposed under this Regulation or under Regulation (EU) No 269/2014, as listed in Annex XLIII.

2. Unless otherwise prohibited, the prohibition in paragraph 1 shall not apply to transactions that are:

- (a) necessary for the purchase, import or transport of pharmaceutical, medical or agricultural and food products, including wheat and fertilisers, whose purchase, import and transport is allowed under this Regulation;
- (b) strictly necessary to ensure access to judicial, administrative or arbitral proceedings in a Member State, as well as for the recognition or enforcement of a judgment or an arbitration award rendered in a Member State, provided that such transactions are consistent with the objectives of this Regulation and Regulation (EU) No 269/2014;
- (c) without prejudice to point (b) of this paragraph, strictly necessary to recover damages pursuant to:
 - (i) Article 11a or 11b of this Regulation; or
 - (ii) Article 11a of Regulation (EU) No 269/2014.

Article 5ac

1. It shall be prohibited, as from 25 June 2024 for legal persons, entities or bodies established in the Union and operating outside of Russia to directly connect to the System for Transfer of Financial Messages (SPFS) of the Central Bank of Russia or equivalent specialised financial messaging services set up by the Central Bank of Russia.

2. It shall be prohibited to engage, directly or indirectly, in any transaction with a legal person, entity or body established outside Russia as listed in Annex XLIV.

▼ M31

Annex XLIV shall include the legal persons, entities or bodies established outside Russia that use the SPFS of the Central Bank of Russia or equivalent specialised financial messaging services set up by the Central Bank of Russia or the Russian State and that, by such use, (i) increase Russia's financial resilience and (ii) support the circumvention of the prohibitions in this Regulation and Regulation (EU) No 269/2014.

3. The prohibitions in paragraphs 1 and 2 shall not apply to the execution until 26 September 2024 of contracts concluded with a legal person, entity or body listed in Annex XLIV before 24 March 2024, or of ancillary contracts necessary for the execution of such contracts.

4. The prohibition in paragraphs 1 and 2 shall not apply to the reception of payments due by a legal person, entity or body listed in Annex XLIV pursuant to contracts performed before 24 March 2024.

5. The prohibition in paragraph 1 shall not apply to transactions that are:

- (a) strictly necessary for the direct or indirect purchase, import or transport of natural gas, titanium, aluminium, copper, nickel, palladium and iron ore from or through Russia into the Union, a country member of the European Economic Area, Switzerland, or the Western Balkans;
- (b) strictly necessary for the direct or indirect purchase, import or transport of oil, including refined petroleum products, from or through Russia, unless prohibited under Article 3m or 3n;
- (c) necessary for the purchase as well as import and transport into the Union of pharmaceutical, medical or agricultural and food products, including wheat and fertilisers, whose purchase as well as import and transport into the Union is allowed under this Regulation;
- (d) necessary for the repayment of a debt due to a national of a Member State or a legal person, entity or body established in the Union;
- (e) necessary for the payment of a pension scheme to a person established in the Union; or
- (f) necessary for a payment from or to the Jewish Claims conference.

6. The prohibition in paragraph 2 shall not apply to transactions that are:

- (a) necessary for the purchase, export, supply, sale, transfer or transport of pharmaceutical, medical or agricultural and food products, including wheat and fertilisers, whose purchase, export, supply, sale, transfer or transport is allowed under this Regulation and is necessary for addressing food security in third countries;

▼ **M31**

- (b) strictly necessary to ensure access to judicial, administrative or arbitral proceedings in a Member State, as well as for the recognition or enforcement of a judgment or an arbitration award rendered in a Member State, provided that such transactions are consistent with the objectives of this Regulation and Regulation (EU) No 269/2014;
- (c) necessary for humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance, or for evacuations;
- (d) necessary for the repayment of a debt due to a national of a Member State or a legal person, entity or body established in the Union;
- (e) dependent on the involvement of a legal person, entity or body listed in Annex XLIV to provide correspondent banking services; or
- (f) necessary for effecting payment by a national of a Member State or a legal person, entity or body established in the Union under a loan agreement concluded by a Member State.

Article 5ad

1. It shall be prohibited to directly or indirectly engage in any transaction with:

- (a) a legal person, entity or body established outside of the Union that is a credit or financial institution or an entity providing crypto assets services involved in transactions that facilitate, directly or indirectly, the export, sale, supply, transfer or transport to Russia of dual-use goods and technology, goods or technology as listed in Annexes VII, XI, XX and XXXV to this Regulation, common high priority items as listed in Annex XL to this Regulation, and firearms and ammunition as listed in Annex I to Regulation (EU) No 258/2012, as listed in Annex XLV to this Regulation; or
- (b) a legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a) of this paragraph.

2. The prohibition in paragraph 1 shall not apply to transactions that are:

- (a) necessary for the export, sale, supply, transfer or transport of pharmaceutical, medical or agricultural and food products, including wheat and fertilisers, whose export, sale, supply, transfer or transport to Russia is allowed under this Regulation;
- (b) strictly necessary to ensure access to judicial, administrative or arbitral proceedings in a Member State, as well as for the recognition or enforcement of a judgment or an arbitration award rendered in a Member State, provided that such transactions are consistent with the objectives of this Regulation and Regulation (EU) 269/2014; or

▼ M31

- (c) necessary for humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance or for evacuations.

▼ M13*Article 5b***▼ M16**

1. It shall be prohibited to accept any deposits from Russian nationals or natural persons residing in Russia, legal persons, entities or bodies established in Russia or a legal person, entity or body established outside the Union and whose proprietary rights are directly or indirectly owned for more than 50 % by Russian nationals or natural persons residing in Russia, if the total value of deposits of that natural or legal person, entity or body per credit institution exceeds EUR 100 000.

▼ M17

2. It shall be prohibited to provide crypto-asset wallet, account or custody services to Russian nationals or natural persons residing in Russia, or legal persons, entities or bodies established in Russia.

▼ M26

- 2a. It shall be prohibited as from 18 January 2024 to allow Russian nationals or natural persons residing in Russia to directly or indirectly own or control, or to hold any posts in the governing bodies of, a legal person, entity or body which is incorporated or constituted under the law of a Member State and is providing the services referred to in paragraph 2.

3. Paragraphs 1, 2 and 2a shall not apply to nationals of a Member State, of a country member of the European Economic Area or of Switzerland, or to natural persons having a temporary or permanent residence permit in a Member State, in a country member of the European Economic Area or in Switzerland.

▼ M16

▼ M15*Article 5c*

1. By way of derogation from Articles 5b(1) and (2), the competent authorities may authorise the acceptance of such a deposit or the provision of wallet, account or custody service, under such conditions as they deem appropriate, after having determined that the acceptance of such a deposit or the provision of wallet, account or custody service is:

- (a) necessary to satisfy the basic needs of natural or legal persons, entities or bodies referred to in Article 5b(1) and their dependent family members, including payments for food, rent or mortgage, medicines and medical treatment, taxes, insurance premiums, and public utility charges;
- (b) intended exclusively for the payment of reasonable professional fees or the reimbursement of incurred expenses associated with the provision of legal services;

▼ M15

- (c) intended exclusively for the payment of fees or service charges for the routine holding or maintenance of frozen funds or economic resources;
- (d) necessary for extraordinary expenses, provided that the relevant competent authority has notified the competent authorities of the other Member States and the Commission of the grounds on which it considers that a specific authorisation should be granted, at least two weeks prior to the authorisation;
- (e) necessary for official purposes of a diplomatic mission or consular post or international organisation; or

▼ M16

- (f) necessary for non-prohibited cross-border trade in goods and services between the Union and Russia.

▼ M15

2. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 1, points (a), (b), (c) or (e), within two weeks of the authorisation.

▼ M7*Article 5d***▼ M13**

1. By way of derogation from Articles 5b(1) and (2), the competent authorities may authorise the acceptance of such a deposit or provision of wallet, account or custody service, under such conditions as they deem appropriate, after having determined that the acceptance of such a deposit or provision of wallet, account or custody service is:

▼ M7

- (a) necessary for humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance or for evacuations; or
- (b) necessary for civil society activities that directly promote democracy, human rights or the rule of law in Russia.

2. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 1 within two weeks of the authorisation.

Article 5e

1. It shall be prohibited for Union central securities depositories to provide any services as defined in the Annex of Regulation (EU) No 909/2014 for transferable securities issued after 12 April 2022 to any Russian national or natural person residing in Russia or any legal person, entity or body established in Russia.

▼ M16

2. Paragraph 1 shall not apply to nationals of a Member State, of a country member of the European Economic Area or of Switzerland, or to natural persons having a temporary or permanent residence permit in a Member State, in a country member of the European Economic Area or in Switzerland.

▼ M7*Article 5f***▼ M25**

1. It shall be prohibited to sell transferable securities denominated in any official currency of a Member State issued after 12 April 2022, or denominated in any other currency issued after 6 August 2023, or units in collective investment undertakings providing exposure to such securities, to any Russian national or natural person residing in Russia or any legal person, entity or body established in Russia.

▼ M15

2. Paragraph 1 shall not apply to nationals of a Member State, of a country member of the European Economic Area or of Switzerland, or to natural persons having a temporary or permanent residence permit in a Member State, in a country member of the European Economic Area or in Switzerland.

▼ M7*Article 5g*

1. Without prejudice to the applicable rules concerning reporting, confidentiality and professional secrecy, credit institutions shall:

- (a) supply to the national competent authority of the Member State where they are located or to the Commission by no later than 27 May 2022, a list of deposits exceeding 100 000 EUR held by Russian nationals or natural persons residing in Russia, or by legal persons, entities or bodies established in Russia. They shall provide updates regarding the amounts of such deposits every 12 months;

▼ M20

- (aa) supply to the national competent authority of the Member State where they are located or to the Commission by no later than 27 May 2023 a list of deposits exceeding 100 000 EUR held by a legal person, entity or body established outside the Union and whose proprietary rights are directly or indirectly owned for more than 50 % by Russian nationals or natural persons residing in Russia. They shall provide updates regarding the amounts of such deposits every 12 months;

▼ M7

- (b) supply to the national competent authority of the Member State where they are located information on deposits exceeding EUR 100 000 held by Russian nationals or natural persons residing in Russia who have acquired the citizenship of a Member State or residence rights in a Member State through an investor citizenship scheme or an investor residence scheme.

▼ M15*Article 5h*

1. It shall be prohibited to provide specialised financial messaging services, which are used to exchange financial data, to the legal persons, entities or bodies listed in Annex XIV or to any legal person, entity or body established in Russia whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed in Annex XIV.
2. For each legal person, entity or body listed in Annex XIV, the prohibition set out in paragraph 1 shall apply as of the date mentioned for it in that Annex. The prohibition shall apply as of the same date to any legal person, entity or body established in Russia whose proprietary rights are directly or indirectly owned for more than 50 % by an entity listed in Annex XIV.

▼ M13*Article 5i*

1. It shall be prohibited to sell, supply, transfer or export banknotes denominated in any official currency of a Member State to Russia or to any natural or legal person, entity or body in Russia, including the government and the Central Bank of Russia, or for use in Russia.
2. The prohibition in paragraph 1 shall not apply to the sale, supply, transfer or export of banknotes denominated in any official currency of a Member State provided that such sale, supply, transfer or export is necessary for:
 - (a) the personal use of natural persons travelling to Russia or members of their immediate families travelling with them; or
 - (b) the official purposes of diplomatic missions, consular posts or international organisations in Russia enjoying immunities in accordance with international law.

▼ M12*Article 5j***▼ M16**

1. It shall be prohibited to provide credit rating services to or on any Russian national or natural person residing in Russia or any legal person, entity or body established in Russia.

▼ M12

2. It shall be prohibited as of 15 April 2022 to provide access to any subscription services in relation to credit rating activities to any Russian national or natural person residing in Russia or any legal person, entity or body established in Russia.
3. Paragraphs 1 and 2 shall not apply to nationals of a Member State or natural persons having a temporary or permanent residence permit in a Member State.

▼ M13*Article 5k***▼ M25**

1. It shall be prohibited to award or continue the execution of any public or concession contract falling within the scope of the public procurement Directives, as well as Article 10(1), (3), (6) points (a) to (e), (8), (9) and (10), Articles 11, 12, 13 and 14 of Directive 2014/23/EU, Article 7, points (a) to (d), and Article 8, Article 10 points (b) to (f) and (h) to (j) of Directive 2014/24/EU, Article 18, Article 21 points (b) to (e) and (g) to (i), Articles 29 and 30 of Directive 2014/25/EU and Article 13 points (a) to (d), (f) to (h) and (j) of Directive 2009/81/EC, to or with:

▼ M16

- (a) a Russian national, a natural person residing in Russia, or a legal person, entity or body established in Russia;
- (b) a legal person, entity or body whose proprietary rights are directly or indirectly owned for more than 50 % by an entity referred to in point (a) of this paragraph; or
- (c) a natural or legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a) or (b) of this paragraph,

including, where they account for more than 10 % of the contract value, subcontractors, suppliers or entities whose capacities are being relied on within the meaning of the public procurement Directives.

▼ M13

2. By way of derogation from paragraph 1, the competent authorities may authorise the award and continued execution of contracts intended for:

▼ M31

- (a) the operation, maintenance, decommissioning and radioactive waste management, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, as well as the supply of precursor material for the production of medical radioisotopes and similar medical applications, critical technology for environmental radiation monitoring, as well as civil nuclear cooperation, in particular in the field of research and development;

▼ M13

- (b) intergovernmental cooperation in space programmes;
- (c) the provision of strictly necessary goods or services which can only be provided, or which can only be provided in sufficient quantities, by the persons referred to in paragraph 1;
- (d) the functioning of diplomatic and consular representations of the Union and of the Member States in Russia, including delegations, embassies and missions, or international organisations in Russia enjoying immunities in accordance with international law; or

▼ M15

- (e) unless prohibited under Article 3m or 3n, the purchase, import or transport of natural gas and oil, including refined petroleum products, as well as titanium, aluminium, copper, nickel, palladium and iron ore from or through Russia into the Union.

▼ M25**▼ M13**

3. The Member State concerned shall inform the other Member States and the Commission of any authorisations granted under this Article within two weeks of the authorisation.

4. The prohibitions in paragraph 1 shall not apply to the execution until 10 October 2022 of contracts concluded before 9 April 2022.

*Article 51***▼ M31**

1. It shall be prohibited to provide direct or indirect support, including financing and financial assistance or any other benefit under a Union, Euratom or Member State national programme and contracts within the meaning of Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council ⁽¹⁾, to:

- (a) a legal person, entity or body established in Russia;
- (b) a legal person, entity or body whose proprietary rights are directly or indirectly owned for more than 50 % by an entity referred to in point (a) of this paragraph.

▼ M13

2. The prohibition in paragraph 1 shall not apply to:

- (a) humanitarian purposes, public health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters;
- (b) phytosanitary and veterinary programmes;
- (c) intergovernmental cooperation in space programmes and under the International Thermonuclear Experimental Reactor Agreement;

▼ M31

- (d) the operation, maintenance, decommissioning and radioactive waste management, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, as well as supply of precursor material for the production of medical radioisotopes and similar medical applications, critical technology for environmental radiation monitoring, as well as civil nuclear cooperation, in particular in the field of research and development;

⁽¹⁾ Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 (OJ L 193, 30.7.2018, p. 1).

▼ M13

- (e) mobility exchanges for individuals and people-to-people contacts;
- (f) climate and environmental programmes, with the exception of support in the context of research and innovation;
- (g) the functioning of diplomatic and consular representations of the Union and of the Member States in Russia, including delegations, embassies and missions, or international organisations in Russia enjoying immunities in accordance with international law;

▼ M31

- (h) the functioning of chambers of commerce, business associations, cultural and educational centres, religious institutions and academic exchange programmes from Member States in Russia;
- (i) civil society activities that directly promote democracy, human rights, the rule of law or any other purposes, such as independent journalism or fight against disinformation, consistent with the objectives of this Regulation in Russia;
- (j) Member States' historical responsibility programmes and support of Member States' ethnic minorities in Russia.

▼ M15*Article 5m*

1. It shall be prohibited to register, provide a registered office, business or administrative address as well as management services to, a trust or any similar legal arrangement having as a trustor or a beneficiary:

- (a) Russian nationals or natural persons residing in Russia;
- (b) legal persons, entities or bodies established in Russia;
- (c) legal persons, entities or bodies whose proprietary rights are directly or indirectly owned for more than 50 % by a natural or legal person, entity or body referred to in points (a) or (b);
- (d) legal persons, entities or bodies controlled by a natural or legal person, entity or body referred to in points (a), (b) or (c);
- (e) a natural or legal person, entity or body acting on behalf or at the direction of a natural or legal person, entity or body referred to in points (a), (b), (c) or (d).

2. It shall be prohibited as of 5 July 2022 to act as, or arrange for another person to act as, a trustee, nominee shareholder, director, secretary or a similar position, for a trust or similar legal arrangement as referred to in paragraph 1.

3. Paragraphs 1 and 2 shall not apply to the operations that are strictly necessary for the termination by 5 July 2022 of contracts which are not compliant with this Article concluded before 9 April 2022 or of ancillary contracts necessary for the execution of such contracts.

▼ M17

4. Paragraphs 1 and 2 shall not apply when the trustor or beneficiary is a national of a Member State, of a country member of the European Economic Area or of Switzerland, or a natural person having a temporary or permanent residence permit in a Member State, in a country member of the European Economic Area or in Switzerland.

▼ M15

5. By way of derogation from paragraph 2, the competent authorities may authorise, under such conditions as they deem appropriate, the services referred to in paragraph 2 to continue beyond 5 July 2022, for:

- (a) the completion by 5 September 2022 of operations strictly necessary for the termination of contracts referred to in paragraph 3, provided that such operations were initiated before 11 May 2022; or
- (b) other reasons, provided that the service providers do not accept from, or make available to, the persons referred to in paragraph 1 any funds or economic resources, directly or indirectly, or otherwise provide such persons with any benefit from assets placed in a trust.

6. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the services referred to in those paragraphs, under such conditions as they deem appropriate, after having determined that this is necessary for:

- (a) humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance or for evacuations;
- (b) civil society activities that directly promote democracy, human rights or the rule of law in Russia; or
- (c) the operation of trusts whose purpose is the administration of occupational pension schemes, insurance policies or employee share scheme, charities, amateur sports clubs, and funds for minors or vulnerable adults.

7. The Member State concerned shall inform the Commission of any authorisation granted under paragraph 5 or 6 within two weeks of such authorisation.

▼ M20*Article 5n*

1. It shall be prohibited to provide, directly or indirectly, accounting, auditing, including statutory audit, bookkeeping or tax consulting services, or business and management consulting or public relations services to:

- (a) the Government of Russia; or
- (b) legal persons, entities or bodies established in Russia.

2. It shall be prohibited to provide, directly or indirectly, architectural and engineering services, legal advisory services and IT consultancy services to:

- (a) the Government of Russia; or
- (b) legal persons, entities or bodies established in Russia.

▼ M26

2a. It shall be prohibited to provide, directly or indirectly, market research and public opinion polling services, technical testing and analysis services and advertising services to:

▼ M20

(a) the Government of Russia; or

(b) legal persons, entities or bodies established in Russia.

▼ M26

2b. It shall be prohibited to sell, supply, transfer, export, or provide, directly or indirectly, software for the management of enterprises and software for industrial design and manufacture as listed in Annex XXXIX to:

(a) the Government of Russia; or

(b) legal persons, entities or bodies established in Russia.

3a. It shall be prohibited to:

(a) provide technical assistance, brokering services or other services related to the goods and services referred to in paragraphs 1, 2, 2a and 2b for their provision, directly or indirectly, to the Government of Russia or legal persons, entities or bodies established in Russia;

(b) provide financing or financial assistance related to the goods and services referred to in paragraphs 1, 2, 2a and 2b for their provision, or for the provision of related technical assistance, brokering services or other services, directly or indirectly, to the Government of Russia or legal persons, entities or bodies established in Russia.

4b. Paragraph 2b shall not apply to the sale, supply, transfer, export or provision of software that is strictly necessary for the termination by 20 March 2024 of contracts which are not compliant with this Article concluded before 19 December 2023, or of ancillary contracts necessary for the execution of such contracts.

▼ M20

5. Paragraphs 1 and 2 shall not apply to the provision of services that are strictly necessary for the exercise of the right of defence in judicial proceedings and the right to an effective legal remedy.

6. Paragraphs 1 and 2 shall not apply to the provision of services which are strictly necessary to ensure access to judicial, administrative or arbitral proceedings in a Member State, as well as for the recognition or enforcement of a judgment or an arbitration award rendered in a Member State, provided that such provision of services is consistent with the objectives of this Regulation and Regulation (EU) No 269/2014.

▼ M31

7. Paragraphs 1, 2, 2a and 2b shall not apply until 30 September 2024 to the sale, supply, transfer, export or provision of services intended for the exclusive use of legal persons, entities or bodies established in Russia that are owned by, or solely or jointly controlled by, a legal person, entity or body which is incorporated or constituted under the law of a Member State, a country member of the European Economic Area, Switzerland or a partner country as listed in Annex VIII.

▼ M26

8. Paragraphs 2, 2a and 2b shall not apply to the sale, supply, transfer, export, or provision of services necessary for public health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment, or as a response to natural disasters.

▼ M31

8a. Paragraphs 1, 2 and 2a shall not apply to the provision of services, by nationals of a Member State who are residents of Russia and were so before 24 February 2022, to the legal persons, entities or bodies referred to in point (h) of paragraph 10 who are their employers, provided that such services are intended for the exclusive use of those legal persons, entities or bodies.

▼ M26

▼ M25

9a. By way of derogation from paragraphs 1 and 2, the competent authorities may authorise the provision of services referred to therein, under such conditions as they deem appropriate, after having determined that those services are strictly necessary for the setting-up, certification or evaluation of a firewall which:

- (a) removes the control by a natural or legal person, entity or body listed in Annex I to Regulation (EU) No 269/2014, over the assets of a non-listed legal person, entity or body incorporated or constituted under the law of a Member State which is owned or controlled by the former; and
- (b) ensures that no further funds or economic resources accrue to the benefit of the listed natural or legal person, entity or body.

▼ M26

9b. By way of derogation from paragraph 2b, the competent authorities may authorise the provision of services referred to therein, under such conditions as they deem appropriate, after having determined that those services are necessary for the contribution of Russian nationals to international open-source projects.

10. By way of derogation from paragraphs 1, 2, 2a, 2b and 3a, the competent authorities may authorise the sale, supply, transfer, export, or provision of the services referred to therein, under such conditions as they deem appropriate, after having determined that this is necessary for:

▼ M20

- (a) humanitarian purposes, such as delivering or facilitating the delivery of assistance, including medical supplies, food, or the transfer of humanitarian workers and related assistance, or for evacuations;

▼ M20

- (b) civil society activities that directly promote democracy, human rights or the rule of law in Russia;
- (c) the functioning of diplomatic and consular representations of the Union and of the Member States or partner countries in Russia, including delegations, embassies and missions, or international organisations in Russia enjoying immunities in accordance with international law;
- (d) ensuring critical energy supply within the Union and the purchase, import or transport into the Union of titanium, aluminium, copper, nickel, palladium and iron ore;
- (e) ensuring the continuous operation of infrastructures, hardware and software which are critical for human health and safety, or the safety of the environment;

▼ M31

- (f) the establishment, operation, maintenance, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, the supply of precursor material for the production of medical radioisotopes and similar medical applications, or critical technology for environmental radiation monitoring, as well as for civil nuclear cooperation, in particular in the field of research and development;

▼ M20

- (g) the provision of electronic communication services by Union telecommunication operators necessary for the operation, maintenance and security, including cybersecurity, of electronic communication services, in Russia, in Ukraine, in the Union, between Russia and the Union, and between Ukraine and the Union, and for data centre services in the Union;

▼ M26

- (h) the exclusive use of legal persons, entities or bodies established in Russia that are owned by, or solely or jointly controlled by, a legal person, entity or body which is incorporated or constituted under the law of a Member State, a country member of the European Economic Area, Switzerland or a partner country as listed in Annex VIII.

11. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 9a, 9b and 10 within two weeks of the authorisation.

▼ M24*Article 5o*

1. It shall be prohibited as of 27 March 2023 to allow Russian nationals or natural persons residing in Russia to hold any posts in the governing bodies of the owners or operators of critical infrastructures, European critical infrastructures and critical entities.

2. Paragraph 1 shall not apply to nationals of a Member State, of a country member of the European Economic Area or of Switzerland.

▼ **M24***Article 5p*

1. It shall be prohibited to provide storage capacity as defined in Article 2(1), point 28 of Regulation (EC) No 715/2009 of the European Parliament and of the Council⁽¹⁾ in a storage facility as defined in Article 2, point 9 of Directive 2009/73/EC of the European Parliament and of the Council⁽²⁾, except for the part of liquefied natural gas facilities used for storage, to:

- (a) a Russian national, a natural person residing in Russia, or a legal person, entity or body established in Russia;
- (b) a legal person, entity or body whose proprietary rights are directly or indirectly owned for more than 50 % by a legal person, entity or body referred to in point (a) of this paragraph; or
- (c) a natural or legal person, entity or body acting on behalf or at the direction of a legal person, entity or body referred to in point (a) or (b) of this paragraph.

▼ **M26**▼ **M24**

3. By way of derogation from paragraph 1, the competent authorities may authorise, under such conditions as they deem appropriate, the provision of storage capacity as referred to in paragraph 1 after having determined that it is necessary for ensuring critical energy supply within the Union.

4. The Member State or Member States concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 3 within two weeks of the authorisation.

▼ **M25***Article 5q*

1. By way of derogation from Articles 2, 2a, 3f and 3k, the competent authorities may authorise the sale, supply, transfer, export or transit through Russia of the goods and technology referred to in those Articles, or the provision of related technical assistance, brokering services or other services, or financing or financial assistance, for the operation and maintenance of the Caspian Pipeline Consortium (CPC) pipelines and associated infrastructure necessary for the transport of goods falling under CN 2709 00 originating in Kazakhstan and which are only being loaded in, departing from or transiting through Russia, under such conditions as they deem appropriate, after having determined that:

- (a) such a sale, supply, transfer, export, transit through Russia or the provision of related technical assistance, brokering services or other services, or financing and financial assistance, is necessary for the operation, essential maintenance, repair or replacement of components of the CPC pipeline and associated infrastructure;

⁽¹⁾ Regulation (EC) No 715/2009 of the European Parliament and of the Council of 13 July 2009 on conditions for access to the natural gas transmission networks and repealing Regulation (EC) No 1775/2005 (OJ L 211, 14.8.2009, p. 36).

⁽²⁾ Directive 2009/73/EC of the European Parliament and of the Council of 13 July 2009 concerning common rules for the internal market in natural gas and repealing Directive 2003/55/EC (OJ L 211, 14.8.2009, p. 94).

▼ **M25**

- (b) the type of goods, technologies and assistance requested does not go beyond the type of goods and technology previously exported from, or the assistance previously provided from, the Union, a country member of the European Economic Area, Switzerland or a partner country as listed in Annex VIII to Russia for the operation, essential maintenance, repair or replacement of components of the CPC pipeline and associated infrastructure, and related assistance;
- (c) the requested volumes are commensurate with those used for the operation, essential maintenance, repair or replacement of components of the CPC pipeline and associated infrastructure; and
- (d) such goods and technology will be provided by a natural or legal person subject to Article 13 exclusively for end use in the operation, essential maintenance, repair or replacement of components of the CPC pipeline and associated infrastructure.

2. By way of derogation from Article 5n, the competent authorities may authorise the provision of auditing services, engineering services, legal advisory services, technical testing and analysis services for the operation and maintenance of the CPC pipelines and associated infrastructure necessary for the transport of goods falling under CN 2709 00 originating in Kazakhstan and which are only being loaded in, departing from or transiting through Russia after having determined that:

- (a) the provision of those services is necessary for the operation, essential maintenance, repair or replacement of components of the CPC pipeline and associated infrastructure; and
- (b) such services are provided by a natural or legal person subject to Article 13.

3. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 1 and 2 within two weeks of the authorisation.

4. When granting an authorisation under paragraphs 1 and 2, the competent authority shall require the presentation of an end-user certificate and detailed regular reports indicating that no such goods, technology or services were diverted from their intended purpose during the relevant works. It may impose additional conditions, in accordance with paragraph 1.

▼ **M26***Article 5r*

1. Legal persons, entities and bodies established in the Union whose proprietary rights are directly or indirectly owned for more than 40 % by:

- (a) a legal person, entity or body established in Russia;
- (b) a Russian national; or
- (c) a natural person residing in Russia,

shall, as of 1 May 2024, report to the competent authority of the Member State where they are established, within two weeks of the end of each quarter, any transfer of funds exceeding 100 000 EUR out of the Union that they made during that quarter, directly or indirectly, in one or several operations.

▼ M26

2. Notwithstanding the applicable rules concerning reporting, confidentiality and professional secrecy, credit and financial institutions shall, as of 1 July 2024, report to the competent authority of the Member State where they are located, within two weeks of the end of each semester, information on all transfers of funds out of the Union of a cumulative amount, over that semester, exceeding 100 000 EUR that they initiated, directly or indirectly, for the legal persons, entities and bodies referred to in paragraph 1.

3. Member States shall assess the information received in accordance with paragraphs 1 and 2 to identify transactions, entities and business sectors that indicate a serious risk of breaches or circumvention of, or use of funds for purposes incompatible with, this Regulation or Council Regulations (EU) No 269/2014, (EU) No 692/2014⁽¹⁾ or (EU) 2022/263⁽²⁾, or Council Decisions 2014/145/CFSP⁽³⁾, 2014/386/CFSP⁽⁴⁾, 2014/512/CFSP or (CFSP) 2022/266⁽⁵⁾, and shall regularly inform each other and the Commission of their findings.

4. Based on the information received from the Member States under paragraph 3, the Commission shall review the functioning of the measures provided for in this Article no later than 20 December 2024.

▼ M31*Article 5s*

1. Intellectual property offices and other competent institutions constituted under the law of a Member State or the Union shall not accept:

- (a) new applications for registration of trademarks, patents, industrial designs, utility models, protected designations of origin, and geographical indications filed by Russian nationals or natural persons residing in Russia, or by legal persons, entities or bodies established in Russia, including if jointly filed by a Russian national or natural persons residing in Russia, legal persons, entities or bodies established in Russia with one or more non-Russian natural or legal person resident or established outside of Russia;
- (b) any requests or submission filed by Russian nationals or natural persons residing in Russia, or by legal persons, entities or bodies established in Russia during the registration procedures before such intellectual property offices related to any of the intellectual property rights referred to in point (a).

⁽¹⁾ Council Regulation (EU) No 692/2014 of 23 June 2014 concerning restrictive measures in response to the illegal annexation of Crimea and Sevastopol (OJ L 183, 24.6.2014, p. 9).

⁽²⁾ Council Regulation (EU) 2022/263 of 23 February 2022 concerning restrictive measures in response to the illegal recognition, occupation or annexation by the Russian Federation of certain non-government controlled areas of Ukraine (OJ L 42 I, 23.2.2022, p. 77).

⁽³⁾ Council Decision 2014/145/CFSP of 17 March 2014 concerning restrictive measures in respect of actions undermining or threatening the territorial integrity, sovereignty and independence of Ukraine (OJ L 78, 17.3.2014, p. 16).

⁽⁴⁾ Council Decision 2014/386/CFSP of 23 June 2014 concerning restrictive measures in response to the illegal annexation of Crimea and Sevastopol (OJ L 183, 24.6.2014, p. 70).

⁽⁵⁾ Council Decision (CFSP) 2022/266 of 23 February 2022 concerning restrictive measures in response to the illegal recognition, occupation or annexation by the Russian Federation of certain non-government controlled areas of Ukraine (OJ L 42 I, 23.2.2022, p. 109).

▼M31

2. Member States, in their capacity as Contracting States to the Convention on the Grant of European Patents of 5 October 1973, as revised on 17 December 1991 and on 29 November 2000 (the ‘EPC’) and in fulfilling their international obligations undertaken in the EPC, shall use best efforts to ensure that the European Patent Office refuses requests for unitary effect within the meaning of Regulation (EU) No 1257/2012 of the European Parliament and of the Council⁽¹⁾ that are filed by Russian nationals or natural persons residing in Russia, or by legal persons, entities or bodies established in Russia, including if jointly filed by a Russian national or natural persons residing in Russia, legal persons, entities or bodies established in Russia with one or more non-Russian natural or legal person resident or established outside of Russia.

3. Member States in their capacity as Contracting States to the EPC and in fulfilling their international obligations undertaken in the EPC shall use best efforts to ensure that the European Patent Office does not accept new applications for registration of European patent applications that are filed by Russian nationals or natural persons residing in Russia, or by legal persons, entities or bodies established in Russia, including if jointly filed by a Russian national or natural persons residing in Russia, legal persons, entities or bodies established in Russia with one or more non-Russian natural or legal person resident or established outside of Russia.

4. Member States and, where applicable, the Union, when acting under the Convention Establishing the World Intellectual Property Organisation of 14 July 1967 and as amended on 28 September 1979 (WIPO) shall use best efforts to ensure that WIPO or intellectual property offices constituted under the law of a Member State or the Union, or the European Patent Office, do not accept new applications for such rights by any Russian nationals or natural persons residing in Russia, or by legal persons, entities or bodies established in Russia, including if jointly filed by a Russian national or natural persons residing in Russia, legal persons, entities or bodies established in Russia with one or more non-Russian natural or legal person resident or established outside of Russia.

5. Paragraphs 1 to 4 shall not apply to nationals of a Member State, of a country member of the European Economic Area or of Switzerland, or to natural persons having a temporary or permanent residence permit in a Member State, in a country member of the European Economic Area or in Switzerland.

Article 5t

1. It shall be prohibited to accept donations, economic benefits or support, including financing and financial assistance, directly or indirectly, from:

- (a) the Government of Russia;
- (b) a legal person, entity or body established in Russia that is publicly controlled or with over 50 % public ownership;

⁽¹⁾ Regulation (EU) No 1257/2012 of the European Parliament and of the Council of 17 December 2012 implementing enhanced cooperation in the area of the creation of unitary patent protection (OJ L 361, 31/12/2012, p. 1).

▼M31

- (c) a legal person, entity or body established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by an entity referred to in point (a) or (b); or
- (d) a natural or legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a), (b) or (c).

2. Paragraph 1 shall only apply to:

- (a) European political parties and European political foundations, as defined in Regulation (EU) No 1141/2014 of the European Parliament and of the Council ⁽¹⁾;
- (b) political parties and political alliances, as defined in Regulation (EU) No 1141/2014, without prejudice to fundamental principles of constitutional nature, as applied in the Member States, governing the functioning of such political parties and alliances;
- (c) non-governmental organisations established or registered in accordance with the law of a Member State; and
- (d) media service providers, as defined in Regulation (EU) 2024/1083 of the European Parliament and of the Council ⁽²⁾, established in a Member State, without prejudice to fundamental principles of constitutional nature, as applied in the Member States, related to freedom of the press and freedom of expression.

3. By way of derogation from paragraph 1, the competent authorities may authorise, under such conditions as they deem appropriate, the acceptance of donations, economic benefits or support, including financing and financial assistance, by the entities referred to in points (c) and (d) of paragraph 2, provided that such acceptance would in no way interfere with the democratic processes in the Union or undermine its democratic foundations, including through influence campaigns and the promotion of disinformation, aimed at undermining the territorial integrity, sovereignty and independence of Ukraine and through propaganda actions in support of Russia's military aggression against Ukraine.

4. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraph 3 within two weeks of the authorisation.

⁽¹⁾ Regulation (EU, Euratom) No 1141/2014 of the European Parliament and of the Council of 22 October 2014 on the statute and funding of European political parties and European political foundations (OJ L 317, 04/11/2014, p. 1).

⁽²⁾ Regulation (EU) 2024/1083 of the European Parliament and of the Council of 11 April 2024 establishing a common framework for media services in the internal market and amending Directive 2010/13/EU (European Media Freedom Act) (OJ L, 2024/1083, 17.4.2024, ELI: <http://data.europa.eu/eli/reg/2024/1083/oj>).

▼ M7*Article 6*

1. The Member States and the Commission shall inform each other of the measures taken under this Regulation and share any other relevant information at their disposal in connection with this Regulation, in particular information in respect of:

▼ M25

(a) authorisations granted or denied under this Regulation;

▼ M7

(b) information received under Article 5g;

▼ M31

(c) violation and enforcement problems, penalties applied for infringements of the provisions of this Regulation and judgments handed down by national courts;

▼ M25

(d) detected instances of breach, circumvention and attempts at breach or circumvention of the prohibitions set out in this Regulation including through the use of crypto-assets.

▼ M7

2. The Member States shall immediately inform each other and the Commission of any other relevant information at their disposal which might affect the effective implementation of this Regulation.

3. Any information provided or received in accordance with this Article shall be used for the purposes for which it was provided or received, including ensuring the effectiveness of the measures set out in this Regulation.

▼ M31

4. Any document held by the Council, the Commission or the High Representative of the Union for Foreign Affairs and Security Policy (the 'High Representative') for the purpose of ensuring the enforcement of the measures set out in this Regulation, or of preventing the violation or circumvention thereof, shall be subject to professional secrecy and shall enjoy the protection afforded by the rules applicable to the Union institutions. That protection shall apply to the joint proposals from the High Representative and the Commission for the amendment of this Regulation and to any preparatory documents related to them.

It shall be presumed that the disclosure of any documents or proposals referred to in the first subparagraph would harm the security of the Union or that of one or more of its Member States or the conduct of their international relations.

▼ M25*Article 6a*

1. The Member State or Member States concerned shall inform the other Member States and the Commission of any authorisation denied under Articles 3, 3a, 3b, 3c, 3d, 3ea, 3f, 3g, 3h, 3i, 3k, 3m, 3n, 5a, 5c, 5d, 5k, 5m, 5n, 5p and 12b within two weeks of the denial.

▼ M25

2. Before a Member State grants an authorisation in accordance with Articles 3, 3a, 3b, 3c, 3d, 3ea, 3f, 3g, 3h, 3i, 3k, 3m, 3n, 5a, 5c, 5d, 5k, 5m, 5n, 5p and 12b for a transaction which is essentially identical to a transaction which is the subject of a denial that is still valid issued by another Member State or by other Member States, it shall first consult the Member State or Member States which issued the denial. If, following such consultations, the Member State concerned decides to grant an authorisation, it shall inform the other Member States and the Commission thereof, providing all relevant information to explain that decision.

Article 6b

1. Consistent with respect for the confidentiality of communications between lawyers and their clients guaranteed in Article 7 of the Charter of Fundamental Rights of the European Union and, where applicable, without prejudice to rules regarding the confidentiality of information held by judicial authorities, natural and legal persons, entities and bodies shall:

- (a) supply any information which would facilitate the implementation of this Regulation to the competent authority of the Member State where they are resident or located within two weeks of acquiring this information; and
- (b) cooperate with the competent authority in any verification of such information.

▼ M26

1a. For the purposes of paragraph 1, the confidentiality of communications between lawyers and their clients shall include the confidentiality of communications relating to legal advice provided by other certified professionals who are authorised under national law to represent their clients in judicial proceedings, insofar as such legal advice is provided in connection with pending or prospective judicial proceedings.

▼ M25

2. The Member State concerned shall transmit to the Commission any relevant information received pursuant to paragraph 1 within one month of receiving it. The Member State concerned may transmit such information in an anonymised form if an investigating or judicial authority has declared it to be confidential in the context of pending criminal investigations or criminal judicial proceedings.

3. Any additional information received directly by the Commission shall be made available to the Member States.

▼ M26

4. Any information provided or received in accordance with this Article shall be used only for the purposes for which it was provided or received.

▼ M7*Article 7*

The Commission shall be empowered to amend Annexes I and IX on the basis of information supplied by Member States.

▼ M17*Article 7a*

The Commission shall amend:

- (a) Annex XXVIII in accordance with the decisions of the Council amending Decision 2014/512/CFSP to update the prices agreed by the Price Cap Coalition; and
- (b) Annex XXIX, in accordance with the decisions of the Council amending Decision 2014/512/CFSP to update the list of exempted energy projects on the basis of objective eligibility criteria agreed by the Price Cap Coalition.

▼ B*Article 8***▼ M31**

1. Member States shall lay down the rules on penalties, including as appropriate criminal penalties, applicable to infringements of the provisions of this Regulation and shall take all measures necessary to ensure that they are implemented. The penalties provided for must be effective, proportionate and dissuasive, and may take the voluntary self-disclosure of infringements of the provisions of this Regulation into account as a mitigating factor, in accordance with the respective national law. Member States shall also provide for appropriate measures of confiscation of the proceeds of such infringements.

▼ B

2. Member States shall notify the rules referred to in paragraph 1 to the Commission without delay after the entry into force of this Regulation and shall notify it of any subsequent amendment.

▼ M31*Article 8a*

Natural and legal persons, entities and bodies shall undertake their best efforts to ensure that any legal person, entity or body established outside the Union that they own or control does not participate in activities that undermine the restrictive measures provided for in this Regulation.

▼ B*Article 9*

1. Member States shall designate the competent authorities referred to in this Regulation and identify them on the websites listed in Annex I. Member States shall notify the Commission of any changes in the addresses of their websites listed in Annex I.

2. Member States shall notify the Commission of their competent authorities, including the contact details of those competent authorities, without delay after the entry into force of this Regulation, and shall notify it of any subsequent amendment.

3. Where this Regulation sets out a requirement to notify, inform or otherwise communicate with the Commission, the address and other contact details to be used for such communication shall be those indicated in Annex I.

▼ B*Article 10*

Actions by natural or legal persons, entities or bodies shall not give rise to liability of any kind on their part, if they did not know, and had no reasonable cause to suspect, that their actions would infringe the measures set out in this Regulation.

▼ M7*Article 11*

1. No claims in connection with any contract or transaction the performance of which has been affected, directly or indirectly, in whole or in part, by the measures imposed under this Regulation, including claims for indemnity or any other claim of this type, such as a claim for compensation or a claim under a guarantee, notably a claim for extension or payment of a bond, guarantee or indemnity, particularly a financial guarantee or financial indemnity, of whatever form, shall be satisfied, if they are made by:

▼ M13

(a) legal persons, entities or bodies listed in the Annexes to this Regulation or legal persons, entities or bodies established outside the Union whose proprietary rights are directly or indirectly owned for more than 50 % by them;

▼ M7

(b) any other Russian person, entity or body;

(c) any person, entity or body acting through or on behalf of one of the persons, entities or bodies referred to in points (a) or (b) of this paragraph.

2. In any proceedings for the enforcement of a claim, the onus of proving that satisfying the claim is not prohibited by paragraph 1 shall be on the person seeking the enforcement of that claim.

3. This Article is without prejudice to the right of the persons, entities and bodies referred to in paragraph 1 to judicial review of the legality of the non-performance of contractual obligations in accordance with this Regulation.

▼ M31

4. By way of derogation from paragraph 1, the competent authorities, based on a specific and case-by-case assessment, may authorise, until 31 December 2024, the satisfaction of a claim made by one of the persons, entities and bodies indicated in point (b) paragraph 1, under such conditions as the competent authorities deem appropriate and after having determined that the satisfaction of the claim is strictly necessary for the divestment from Russia or the wind-down of business activities in Russia.

▼ M31*Article 11a*

Any person referred to in point (c) or (d) of Article 13 shall be entitled to recover, in judicial proceedings before the competent courts of the Member State, any damages, including legal costs, incurred by that person as a consequence of claims lodged with courts in third countries by persons, entities and bodies referred to in point (a), (b) or (c) of Article 11(1), in connection with any contract or transaction the performance of which has been affected, directly or indirectly, in whole or in part, by the measures imposed under this Regulation, provided that the person concerned does not have effective access to the remedies under the relevant jurisdiction.

Article 11b

1. Any person referred to in point (c) or (d) of Article 13 shall be entitled to recover, in judicial proceedings before the competent courts of the Member State, any damages, including legal costs, caused to that person by any persons, entities and bodies referred to in point (a), (b) or (c) of Article 11(1) that benefited from a decision pursuant to the Decree of the President of the Russian Federation No. 302 of 25 April 2023 as subsequently amended, or Russian legislation related or equivalent to it, provided that such decision is illegal under international customary law or under a bilateral investment treaty entered between a Member State and Russia, and that the person concerned does not have effective access to the remedies under the relevant jurisdiction.

2. Member States shall not be liable for judicial decisions rendered in accordance with paragraph 1 or for the enforcement of such decisions. Member States shall not comply with judgments, arbitral awards, including investor-State arbitral awards, or other judicial decisions which hold them liable contrary to the first sentence of this paragraph.

Article 12

It shall be prohibited to participate, knowingly and intentionally, in activities the object or effect of which is to circumvent prohibitions in this Regulation, including by participating in such activities without deliberately seeking that object or effect but being aware that the participation may have that object or effect and accepting that possibility.

▼ M7*Article 12a*

1. The Commission shall process personal data in order to carry out its tasks under this Regulation. These tasks include the handling of information on deposits and information on authorisations granted by the competent authorities.

▼ M25

2. For the purposes of this Regulation, the Commission is designated as ‘controller’ within the meaning of Article 3(8) of Regulation (EU) 2018/1725 in relation to the processing activities necessary to accomplish the tasks referred to in paragraph 1.

▼ M25

3. The competent authorities of the Member States, including enforcement authorities, customs authorities within the meaning of Regulation (EU) No 952/2013 of the European Parliament and of the Council⁽¹⁾, competent authorities within the meaning of Regulation (EU) No 575/2013, Directive (EU) 2015/849 of the European Parliament and of the Council⁽²⁾ and Directive 2014/65/EU, as well as administrators of official registers wherein natural persons, legal persons, entities and bodies as well as immovable or movable property are registered, shall process and exchange without delay information, including personal data and, if necessary, the information referred to in Article 6b(1), with other competent authorities of their Member State, of other Member States and the Commission, if such processing and exchange is necessary to carry out the tasks of the processing authority or the receiving authority under this Regulation, in particular when they detect instances of a breach or circumvention, or attempts at a breach or circumvention of the prohibitions set out in this Regulation. This provision is without prejudice to rules regarding the confidentiality of information held by judicial authorities.

▼ M16

4. Any processing of personal data shall be carried out in accordance with this Regulation and Regulations (EU) 2016/679⁽³⁾ and (EU) 2018/1725⁽⁴⁾ of the European Parliament and of the Council and only in so far as necessary for the application of this Regulation and to ensure effective cooperation between Member States as well as with the European Commission in the application of this Regulation.

▼ M20*Article 12b***▼ M31**

1. By way of derogation from Articles 2, 2a, 3, 3b, 3c, 3f, 3h and 3k, the competent authorities may authorise the sale, supply or transfer of goods and technologies listed in Annexes II, VII, X, XI, XVI, XVIII, XX and XXIII to this Regulation and in Annex I to Regulation (EU) 2021/821 as well as the sale, licensing or transfer in any other way of intellectual property rights or trade secrets as well as granting rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets, related to the goods and technology mentioned above until 31 December 2024, where such sale, supply, transfer, licensing, granting rights to access or re-use

⁽¹⁾ Regulation (EU) No 952/2013 of the European Parliament and of the Council of 9 October 2013 laying down the Union Customs Code (OJ L 269, 10.10.2013, p. 1).

⁽²⁾ Directive (EU) 2015/849 of the European Parliament and of the Council of 20 May 2015 on the prevention of the use of the financial system for the purposes of money laundering or terrorist financing, amending Regulation (EU) No 648/2012 of the European Parliament and of the Council, and repealing Directive 2005/60/EC of the European Parliament and of the Council and Commission Directive 2006/70/EC (OJ L 141, 5.6.2015, p. 73).

⁽³⁾ Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

⁽⁴⁾ Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC (OJ L 295, 21.11.2018, p. 39).

▼ M31

is strictly necessary for the divestment from Russia or the wind-down of business activities in Russia, provided that the following conditions are fulfilled:

▼ M20

- (a) the goods and technologies are owned by a national of a Member State or by a legal person, entity or body which is incorporated or constituted under the law of a Member State or by legal persons, entities or bodies established in Russia that are owned by, or solely or jointly controlled by, a legal person, entity or body which is incorporated or constituted under the law of a Member State; and
- (b) the competent authorities deciding on requests for authorisations have no reasonable grounds to believe that the goods might be for a military end-user or have a military end-use in Russia; and
- (c) the concerned goods and technologies were physically located in Russia before the relevant prohibitions in Articles 2, 2a, 3, 3b, 3c, 3f, 3h or 3k entered into force in respect of those goods and technologies.

▼ M31

1a. By way of derogation from Article 3, the competent authorities may authorise the sale, supply or transfer of goods and technologies listed in Annex II until 31 December 2024, where such sale, supply or transfer is strictly necessary for the divestment from a joint venture incorporated or constituted under the law of a Member State before 24 February 2022, involving a Russian legal person, entity or body, and operating a gas pipeline infrastructure between Russia and third countries.

2. By way of derogation from Articles 3g and 3i, the competent authorities may authorise the import or transfer of goods listed in Annexes XVII and XXI until 31 December 2024, where such import or transfer is strictly necessary for the divestment from Russia or the wind-down of business activities in Russia, provided that the following conditions are fulfilled:

▼ M20

- (a) the goods are owned by a national of a Member State or by a legal person, entity or body which is incorporated or constituted under the law of a Member State or by legal persons, entities or bodies established in Russia that are owned by, or solely or jointly controlled by, a legal person, entity or body which is incorporated or constituted under the law of a Member State; and
- (b) the concerned goods were physically located in Russia before the relevant prohibitions in Articles 3g and 3i entered into force in respect of those goods.

▼ M31

2a. By way of derogation from Article 5n, the competent authorities may authorise the continuation of the provision of services listed therein until 31 December 2024 where such provision of services is strictly necessary for the divestment from Russia or the wind-down of business activities in Russia, provided that the following conditions are fulfilled:

▼ M24

- (a) such services are provided to and for the exclusive benefit of the legal persons, entities or bodies resulting from the divestment; and
- (b) the competent authorities deciding on requests for authorisations have no reasonable grounds to believe that the services might be provided, directly or indirectly, to the Government of Russia or a military end-user or have a military end-use in Russia.

▼ M25

2b. By way of derogation from Article 5n(2), the competent authorities may authorise the provision, until 31 March 2024, of legal advisory services which are legally required for the completion of a sale or transfer of proprietary rights directly or indirectly owned by legal persons, entities or bodies established in Russia in a legal person, entity or body established in the Union.

3. The Member State concerned shall inform the other Member States and the Commission of any authorisation granted under paragraphs 1, 1a, 2, 2a or 2b within two weeks of the authorisation.

▼ M20

4. All authorisations referred to in paragraph 1 with respect to goods and technologies listed in Annex VII as well as in Annex I to Regulation (EU) 2021/821 shall be issued by electronic means, whenever possible, on forms containing at least all the elements of, and in the order provided for in, the model C set out in Annex IX.

Article 12c

1. The competent authorities shall exchange information with the other Member States and the Commission on authorisations granted pursuant to paragraph 1 of Article 12b in relation to goods and technologies listed in Annex VII as well as in Annex I to Regulation (EU) 2021/821. The exchange of information shall be carried out using the electronic system provided pursuant to Article 23(6) of Regulation (EU) 2021/821.

2. Information received as a result of the application of this Article shall be used only for the purpose for which it was requested, including the exchanges mentioned in paragraph 4 of Article 2d.

3. Member States and the Commission shall ensure the protection of confidential information acquired in the application of this Article in accordance with Union law and the respective national law.

▼ M20

4. Member States and the Commission shall ensure that classified information provided or exchanged under this Article is not downgraded or declassified without the prior written consent of the originator.

▼ M26*Article 12d*

The prohibitions laid down in this Regulation shall not apply to the provision of pilot services which are necessary for reasons of maritime safety.

▼ M24*Article 12e*

1. For the purposes of the prohibitions on importing goods provided for in this Regulation, goods physically in the Union may be released as provided for in Article 5, point (26) of the Union Customs Code ⁽¹⁾ by the customs authorities provided that they have been presented to customs in accordance with Article 134 of the Union Customs Code before the entry into force or applicability date of the respective import prohibitions, whichever is latest.

2. All procedural steps necessary for the release referred to in paragraphs 1 and 5 of the relevant goods pursuant to the Union Customs Code shall be allowed.

3. The customs authorities shall not allow the release of the goods if they have reasonable grounds to suspect circumvention and shall not authorise the re-export of the goods to Russia.

4. Payments in relation to such goods shall be consistent with the provisions and objectives of this Regulation, in particular the prohibition on purchasing, and Regulation (EU) No 269/2014.

5. Goods physically in the Union and presented to customs prior to 26 February 2023 which were stopped in application of this Regulation may be released by the customs authorities under the conditions provided for in paragraphs 1, 2, 3 and 4.

▼ M25*Article 12f*

1. It shall be prohibited to sell, supply, transfer or export, directly or indirectly, goods and technology as listed in Annex XXXIII, whether or not originating in the Union, to any natural or legal person, entity or body in the third country specified in that Annex.

⁽¹⁾ Regulation (EU) No 952/2013 of the European Parliament and of the Council of 9 October 2013 laying down the Union Customs Code (OJ L 269, 10.10.2013, p. 1).

▼ M25

2. It shall be prohibited to:

- (a) provide technical assistance, brokering services or other services related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in the third country specified;
- (b) provide financing or financial assistance related to the goods and technology referred to in paragraph 1 for any sale, supply, transfer or export of those goods and technology, or for the provision of related technical assistance, brokering services or other services, directly or indirectly to any natural or legal person, entity or body in the third country specified;
- (c) sell, license or transfer in any other way intellectual property rights or trade secrets as well as grant rights to access or re-use any material or information protected by means of intellectual property rights or constituting trade secrets related to the goods and technology referred to in paragraph 1 and to the provision, manufacture, maintenance and use of those goods and technology, directly or indirectly to any natural or legal person, entity or body in the third country specified.

3. Annex XXXIII shall only include sensitive dual-use goods and technology, or goods and technology that might contribute to the enhancement of Russia's military, technological or industrial capacities or to the development of Russia's defence and security sector, in a way that strengthens its ability to wage war, and whose export to Russia is prohibited under this Regulation and that present a high and continuous risk of being sold, supplied, transferred or exported from third countries to Russia after being sold, supplied, transferred or exported from the Union. Annex XXXIII shall specify, for each item of listed goods or technology, the third countries to which the sale, supply, transfer or export is prohibited. Annex XXXIII shall only include third countries that have been identified by the Council as having systematically and persistently failed to prevent the sale, supply, transfer or export to Russia of goods and technology, as listed in that Annex, exported from the Union, despite the Union's prior outreach and assistance to the country in question.

4. If the sale, supply, transfer or export of goods or technology listed in Annex XXXIII to a natural or legal person, entity or body in Russia or for use in Russia is not prohibited under certain exemptions provided for in this Regulation, their sale, supply, transfer or export to a natural or legal person, entity or body in the third country specified shall not be prohibited, provided that the same conditions applicable under this Regulation for export to Russia or for use in Russia are fulfilled.

5. If the sale, supply, transfer or export of goods or technology listed in Annex XXXIII to a natural or legal person, entity or body in Russia or for use in Russia can be authorised by the competent authorities in accordance with this Regulation, their sale, supply, transfer or export to a natural or legal person, entity or body in the third country specified may be authorised by the competent authorities under the same conditions applicable to derogations for exports to Russia or for use in Russia.

▼ M31*Article 12g*

1. When selling, supplying, transferring or exporting to a third country, with the exception of partner countries listed in Annex VIII to this Regulation, goods or technology as listed in Annexes XI, XX and XXXV to this Regulation, common high priority items as listed in Annex XL to this Regulation, or firearms and ammunition as listed in Annex I to Regulation (EU) No 258/2012, exporters shall, as of 20 March 2024, contractually prohibit re-exportation to Russia and re-exportation for use in Russia.

2. Paragraph 1 shall not apply to:

(a) the execution of contracts relating to goods falling under CN codes 8457 10, 8458 11, 8458 91, 8459 61, 8466 93, as listed in Annex XL;

(b) the execution of contracts concluded before 19 December 2023 and relating to goods other than those referred to in point (a), until 1 January 2025 or until their expiry date, whichever is earlier.

2a. Paragraph 1 shall not apply to public contracts concluded with a public authority in a third country or with an international organisation.

2b. Exporters shall inform the competent authority of the Member State where they are resident or established of any public contract they concluded that benefited from the exemption under paragraph 2a, within 2 weeks of its conclusion. The Member State concerned shall inform the other Member States and the Commission of any information received under this paragraph within 2 weeks of its receipt.

3. In application of paragraph 1, exporters shall ensure that the agreement with the third-country counterpart contains adequate remedies in the event of a breach of a contractual obligation concluded in accordance with paragraph 1.

4. If the third-country counterpart breaches any of the contractual obligations concluded in accordance with paragraph 1, exporters shall inform the competent authority of the Member State where they are resident or established as soon as they become aware of the breach.

5. Member States shall inform each other and the Commission of detected instances of a breach or circumvention of a contractual obligation concluded in accordance with paragraph 1.

▼M31*Article 12ga*

1. When selling, licensing or transferring in any other way intellectual property rights or trade secrets as well as granting rights to access or re-use any material or information protected by intellectual property rights or protected as trade secret related to the common high priority items as listed in Annex XL to this Regulation, natural and legal persons, entities and bodies shall, as of 26 December 2024, contractually prohibit their third-country counterparts, and require them to prohibit possible sublicensees of such intellectual property rights or trade secret, from using such intellectual property rights, trade secrets or other information in connection with common high priority items as listed in Annex XL to this Regulation that are intended for sale, supply, transfer or export, directly or indirectly, to Russia or for use in Russia.

2. Paragraph 1 shall not apply to the execution of contracts concluded before 25 June 2024 until 26 June 2025 or until their expiry date, whichever is earlier.

3. In application of paragraph 1, natural and legal persons, entities and bodies shall ensure that the agreement with the third-country counterpart contains adequate remedies in the event of a breach of a contractual obligation concluded in accordance with paragraph 1.

4. If the third-country counterpart breaches any of the contractual obligations concluded in accordance with paragraph 1, natural and legal persons, entities and bodies shall inform the competent authority of the Member State where they are resident or established as soon as they become aware of the breach.

5. Member States shall inform each other and the Commission of detected instances of a breach or circumvention of a contractual obligation concluded in accordance with paragraph 1.

Article 12gb

1. Natural and legal persons, entities and bodies that sell, supply, transfer or export common high priority items as listed in Annex XL to this Regulation shall, as of 26 December 2024.

- (a) take appropriate steps, proportionately to their nature and size, to identify and assess the risks of exportation to Russia and exportation for use in Russia for such goods or technology, and ensure that those risk assessments are documented and kept up-to-date;
- (b) implement appropriate policies, controls and procedures, proportionately to their nature and size, to mitigate and manage effectively the risks of exportation to Russia and exportation for use in Russia for such goods or technology, whether those risks were identified at their level or at the level of the Member State or of the Union.

2. Paragraph 1 shall not apply to natural and legal persons, entities and bodies that sell, supply or transfer common high priority items as listed in Annex XL only within the Union or to partner countries listed in Annex VIII to this Regulation.

▼M31

3. Natural and legal persons, entities and bodies shall, as of 26 December 2024, ensure that any legal person, entity or body established outside the Union that they own or control and that sells, supplies, transfers or exports common high priority items as listed in Annex XL implements the requirements in points (a) and (b) of paragraph 1.

4. Paragraph 3 shall not apply where, due to reasons that it did not cause itself, a natural or legal person, entity or body is not able to exercise control over the legal person, entity or body that it owns.

Article 12h

With regard to the Paks II project, the prohibitions in this Regulation shall not apply to activities necessary for the establishment, operation, maintenance, fuel supply and retreatment and safety of civil nuclear capabilities, and the continuation of design, construction and commissioning required for the completion of civil nuclear facilities, provided that any such activity has been notified by natural and legal persons, entities and bodies within two weeks of its start to the competent authority of the Member State where they are resident, located, established or incorporated.

The Member State concerned shall inform the other Member States and the Commission of any information received under this Article within 2 weeks of its receipt.

▼B*Article 13*

This Regulation shall apply:

- (a) within the territory of the Union;
- (b) on board any aircraft or any vessel under the jurisdiction of a Member State;
- (c) to any person inside or outside the territory of the Union who is a national of a Member State;
- (d) to any legal person, entity or body, inside or outside the territory of the Union, which is incorporated or constituted under the law of a Member State;
- (e) to any legal person, entity or body in respect of any business done in whole or in part within the Union.

Article 14

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

▼ M14*ANNEX I***▼ M32**

BELGIUM

https://diplomatie.belgium.be/en/policy/policy_areas/peace_and_security/sanctions

BULGARIA

<https://www.mfa.bg/en/EU-sanctions>

CZECHIA

www.financnianalytickyrad.cz/mezinarodni-sankce.html

DENMARK

<https://um.dk/udenrigspolitik/sanktioner/ansvarlige-myndigheder>

GERMANY

<https://www.bmwi.de/Redaktion/DE/Artikel/Aussenwirtschaft/embargos-aussenwirtschaftsrecht.html>

ESTONIA

<https://vm.ee/sanktsioonid-ekspordi-ja-relvastuskontroll/rahvusvahelised-sanktsioonid>

IRELAND

<https://www.dfa.ie/our-role/policies/ireland-in-the-eu/eu-restrictive-measures/>

GREECE

<http://www.mfa.gr/en/foreign-policy/global-issues/international-sanctions.html>

SPAIN

<https://www.exteriores.gob.es/es/PoliticaExterior/Paginas/SancionesInternacionales.aspx>

FRANCE

<http://www.diplomatie.gouv.fr/fr/autorites-sanctions/>

CROATIA

<https://mvep.gov.hr/vanjska-politika/medjunarodne-mjere-ogranicavanja/22955>

ITALY

https://www.esteri.it/it/politica-estera-e-cooperazione-allo-sviluppo/politica_europea/misure_deroghe/

CYPRUS

<https://mfa.gov.cy/themes/>

LATVIA

<https://www.fid.gov.lv/en>

LITHUANIA

<https://www.urm.lt/en/lithuania-in-the-region-and-the-world/lithuanias-security-policy/international-sanctions/997>

▼ M32

LUXEMBOURG

<https://maee.gouvernement.lu/fr/directions-du-ministere/affaires-europeennes/organisations-economiques-int/mesures-restrictives.html>

HUNGARY

<https://kormany.hu/kulgazdasagi-es-kulugyminiszterium/ensz-eu-szankcios-tajekoztato>

MALTA

<https://smb.gov.mt/>

NETHERLANDS

<https://www.rijksoverheid.nl/onderwerpen/internationale-sancties>

AUSTRIA

<https://www.bmeia.gv.at/themen/aussenpolitik/europa/eu-sanktionen-nationale-behoerden/>

POLAND

<https://www.gov.pl/web/dyplomacja/sankcje-miedzynarodowe>

<https://www.gov.pl/web/diplomacy/international-sanctions>

PORTUGAL

<https://portaldiplomatico.mne.gov.pt/politica-externa/medidas-restritivas>

ROMANIA

<http://www.mae.ro/node/1548>

SLOVENIA

http://www.mzz.gov.si/si/omejevalni_ukrepi

SLOVAKIA

https://www.mzv.sk/europske_zalezitosti/europske_politiky-sankcie_eu

FINLAND

<https://um.fi/pakotteet>

SWEDEN

<https://www.regeringen.se/sanktioner>

Address for notifications to the European Commission:

European Commission
Directorate-General for Financial Stability, Financial Services and Capital
Markets Union (DG FISMA)
Rue de Spa 2/Spastraat 2
B-1049 Bruxelles/Brussel,
E-mail: relex-sanctions@ec.europa.eu

▼B

ANNEX II

▼M2

List of items referred to in Article 3

▼B

CN code	Description
7304 11 00	Line pipe of a kind used for oil or gas pipelines, seamless, of stainless steel
7304 19 10	Line pipe of a kind used for oil or gas pipelines, seamless, of iron or steel, of an external diameter not exceeding 168,3 mm (excl. products of stainless steel or of cast iron)
7304 19 30	Line pipe of a kind used for oil or gas pipelines, seamless, of iron or steel, of an external diameter exceeding 168,3 mm but not exceeding 406,4 mm (excl. products of stainless steel or of cast iron)
7304 19 90	Line pipe of a kind used for oil or gas pipelines, seamless, of iron or steel, of an external diameter exceeding 406,4 mm (excl. products of stainless steel or of cast iron)
7304 22 00	Drill pipe, seamless, of stainless steel, of a kind used in drilling for oil or gas
7304 23 00	Drill pipe, seamless, of a kind used in drilling for oil or gas, of iron or steel (excl. products of stainless steel or of cast iron)
7304 29 10	Casing and tubing of a kind used for drilling for oil or gas, seamless, of iron or steel, of an external diameter not exceeding 168,3 mm (excl. products of cast iron)
7304 29 30	Casing and tubing of a kind used for drilling for oil or gas, seamless, of iron or steel, of an external diameter exceeding 168,3 mm, but not exceeding 406,4 mm (excl. products of cast iron)
7304 29 90	Casing and tubing of a kind used for drilling for oil or gas, seamless, of iron or steel, of an external diameter exceeding 406,4 mm (excl. products of cast iron)
7305 11 00	Line pipe of a kind used for oil or gas pipelines, having circular cross-sections and an external diameter of exceeding 406,4 mm, of iron or steel, longitudinally submerged arc welded
7305 12 00	Line pipe of a kind used for oil or gas pipelines, having circular cross-sections and an external diameter of exceeding 406,4 mm, of iron or steel, longitudinally arc welded (excl. products longitudinally submerged arc welded)
7305 19 00	Line pipe of a kind used for oil or gas pipelines, having circular cross-sections and an external diameter of exceeding 406,4 mm, of flat-rolled products of iron or steel (excl. products longitudinally arc welded)
7305 20 00	Casing of a kind used in drilling for oil or gas, having circular cross-sections and an external diameter of exceeding 406,4 mm, of flat-rolled products of iron or steel
7306 11	Line pipe of a kind used for oil or gas pipelines, welded, of flat-rolled products of stainless steel, of an external diameter of not exceeding 406,4 mm
7306 19	Line pipe of a kind used for oil or gas pipelines, welded, of flat-rolled products of iron or steel, of an external diameter of not exceeding 406,4 mm (excl. products of stainless steel or of cast iron)

▼ B

CN code	Description
7306 21 00	Casing and tubing of a kind used in drilling for oil or gas, welded, of flat-rolled products of stainless steel, of an external diameter of not exceeding 406,4 mm
7306 29 00	Casing and tubing of a kind used in drilling for oil or gas, welded, of flat-rolled products of iron or steel, of an external diameter of not exceeding 406,4 mm (excl. products of stainless steel or of cast iron)
8207 13 00	Rock-drilling or earth-boring tools, interchangeable, with working parts of sintered metal carbides or cermets
8207 19 10	Rock-drilling or earth-boring tools, interchangeable, with working parts of diamond or agglomerated diamond

▼ M2

ex 8413 50	Reciprocating positive displacement pumps for liquids, power-driven with a maximum flow-rate greater than 18 m ³ /hour and a maximum outlet pressure greater than 40 bar, specially designed to pump drilling muds and/or cement into oil wells
ex 8413 60	Rotary positive displacement pumps for liquids, power-driven with a maximum flow-rate greater than 18 m ³ /hour and a maximum outlet pressure greater than 40 bar, specially designed to pump drilling muds and/or cement into oil wells

▼ B

8413 82 00	Liquid elevators (excl. pumps)
8413 92 00	Parts of liquid elevators, n.e.s.
8430 49 00	Boring or sinking machinery for boring earth or extracting minerals or ores, not self-propelled and not hydraulic (excl. tunnelling machinery and hand-operated tools)

▼ M2

ex 8431 39 00	Parts suitable for use solely or principally with the oil field machinery of heading 8428
ex 8431 43 00	Parts suitable for use solely or principally with the oil field machinery of subheadings 8430 41 or 8430 49
ex 8431 49	Parts suitable for use solely or principally with the oil field machinery of heading 8426, 8429 and 8430

▼ B

8705 20 00	Mobile drilling derricks
8905 20 00	Floating or submersible drilling or production platforms
8905 90 10	Sea-going light vessels, fire-floats, floating cranes and other vessels, the navigability of which is subsidiary to their main function (excl. dredgers, floating or submersible drilling or production platforms; fishing vessels and warships)

▼ M7

ANNEX III

List of legal persons, entities and bodies referred to in Article 5(1)(a)

▼ B

1. SBERBANK
2. VTB BANK
3. GAZPROMBANK
4. VNESHECONOMBANK (VEB)
5. ROSSELKHOZBANK

ANNEX IV

This Annex lists natural or legal persons, entities or bodies which are military end-users, form part of Russia's military and industrial complex or which have commercial or other links with or which otherwise support Russia's defence and security sector. These natural or legal persons, entities or bodies contribute to Russia's military and technological enhancement or to the development of Russia's defence and security sector. They include natural or legal persons, entities or bodies in third countries other than Russia. Their inclusion in this Annex does not entail any attribution of responsibility for their actions to the jurisdiction in which they are operating.

List of natural or legal persons, entities or bodies, referred to in Articles 2(7), 2a(7) and 2b(1)

Number	Name	Identifying Information	Date of listing
1.	JSC Sirius Local name: Открытое Акционерное Общество «Концерн «Сириус» (ОАО «Концерн «Сириус») A.k.a: JSC Concern Sirius; Kontsern Sirius	Address(es): 119435, Moscow, Pirogovskaya M. Str., 18, Building 1, Russian Federation Telephone: +7 (495) 926-78-9; +7 (495) 772-42-82; +7 (926) 998-67-10 Website: www.con-sirius.ru; http://rostec.ru/about/company/341 Registration number: 7704730655 (Tax ID/INN)	12.9.2014
2.	OJSC Stankoinstrument Local name: Акционерное Общество «РТ-Станкоинструмент» (АО «РТ-Станкоинструмент») A.k.a: Joint Stock Company "RT-Stankoinstrument"	Address(es): 107996, Moscow, Gilyarovskogo Str., 65, Building 1, Russian Federation Telephone: (495) 681-16-18, 681-10-39 Website: http://www.rt-stanko.ru Email: info@rt-stanko.ru Registration number: 7702715348 (Tax ID/INN)	12.9.2014
3.	OAO JSC Chemcomposite Local name: Акционерное Общество «РТ-Химические технологии и композиционные материалы» (АО «РТ-Химкомпозит») A.k.a: OJSC Khimkompozit; RT-Chemical Technologies and Composite Materials	Address(es): 117218, Moscow, Krzhiszhannovskogo Str., 29, Room 6, Russian Federation; 119435, Bolshoy Savvinskiy Lane, 11, Entrance 1, Floor 4, Russian Federation Telephone: +7 (495) 783-6444 Website: http://rt-chemcomposite.ru/ Email: office@rt-cc.ru Registration number: 7734613934 (Tax ID/INN)	12.9.2014

Number	Name	Identifying Information	Date of listing
4.	JSC Kalashnikov Local name: Акционерное Общество «Концерн «Калашников» (АО «Концерн «Калашников») A.k.a: JSC Concern Kalashnikov; Izhevskiy Mashinostroitel'nyi Zavod; NPO Izhmash	Address(es): 426006, Udmurt Republic, Izhevsk, Deryabina Avenue, 2/193, Room 78, Russian Federation Telephone: 8-800-200-1807 Website: https://kalashnikovgroup.ru Registration number: 1832090230 (Tax ID/INN)	12.9.2014
5.	JSC Tula Arms Plant Local name: Публичное Акционерное Общество «Императорский Тульский Оружейный Завод» (ПАО «Императорский Тульский Оружейный Завод») A.k.a: PJSC Imperial Tula Arms Plant; Public Joint Stock Company "Imperatorsky Tulsky Oruzheiny Zavod"	Address(es): 300041, Tula Oblast, Tula, Sovetskaya Str., 1A, Russian Federation Telephone: +7 (4872) 32-14-99 Website: https://www.itoz.ru/ Email: mail@tulatoz.ru Registration number: 7107003303 (Tax ID/INN)	12.9.2014
6.	NPK Technologii Maschinostrojenija Local name: Акционерное Общество «Научно- Производственный Концерн «Технологии Машиностроения» (АО «НПК «Техмаш») A.k.a: NPK Engineering Technology; Tecmash Concern; Kontsern "Tecmash" JSC Research and Production Concern Machine Building Technologies; JSC "Scientific-Production Concern "Mechanical Engineering"; Joint Stock Company Scientific Production Concern Tekhmash	Address(es): 115184, Moscow, Bolshaya Tatarskaya Str., 35, Building 5, Office 728, Russian Federation; 125212, Moscow, Leningradskoe Highway, 58, Building 4, Russian Federation Telephone: +7 (495) 459-99-05; +7 (495) 459-98-81 Website: http://www.tecmash.ru/ Email: info@tecmash.ru Registration number: 7743813961 (Tax ID/INN)	12.9.2014
7.	OAO Wysokototschnye Kompleksi Local name: Акционерное Общество «НПО «Высокоточные Комплексы» (АО «НПО «Высокоточные Комплексы») A.k.a: JSC NPO "High-precision complexes"; High Precision Systems; NPO Vysokotochnye Kompleksy AO	Address(es): 119019, Moscow, Gogolevsky Boulevard, 21, Building 1, Russian Federation; 121059, Moscow, Kievskaya Str., 7, Russian Federation Telephone: +7 (495) 981-92-77; Website: https://www.npovk.ru/ Email: npovk@npovk.ru Registration number: 7704721192 (Tax ID/INN)	12.9.2014

▼ M31

Number	Name	Identifying Information	Date of listing
8.	<p>ОАО Almaz Antey</p> <p>Local name: Акционерное Общество «Концерн Воздушно-Космической Обороны «Алмаз - Антей» (АО «Концерн ВКО «Алмаз - Антей»)</p> <p>A.k.a: JSC Concern VKO “Almaz-Antey”; Almaz- Antey Corporation; “Almaz – Antey” Air and Space Defence Corporation”, Joint Stock Company</p>	<p>Address(es): 121471, Moscow, Vereyskaya Str., 41, Russian Federation</p> <p>Telephone: +7 (495) 276 29 75, +7 (495) 231 70 45, +7 (495) 276 29 80, +7 (495) 231 70 45</p> <p>Website: http://www.almaz-antey.ru/</p> <p>Email: antey@almaz-antey.ru</p> <p>Registration number: 7731084175 (Tax ID/INN)</p>	12.9.2014
9.	<p>ОАО NPO Bazalt</p> <p>Local name: Акционерное Общество «Научно- Производственное Объединение «Базальт» (АО «НПО «Базальт»)</p> <p>A.k.a: JSC “Scientific and Production Association “Basalt”; Joint Stock Company "Research and Production Association “BAZALT”</p>	<p>Address(es): 105318, Moscow, Velyaminovskaya Str. 32, Russian Federation; 141292, Krasnoarmeysk, Dachnaya Str., 2A, Russian Federation; 300004, Tula, Sheglovskaya Zaseka Str., 53, Russian Federation; 157800, Nerekhta, Metallistov Square, 1, Russian Federation</p> <p>Telephone: +7 (499) 369-01-22; +7 (495) 993-60-81; +7 (4872) 70-18-26; +7 (49431) 7-55-43</p> <p>Website: https://bazalt.ru/</p> <p>Email: moscow@bazalt.ru; knpp@bazalt.ru; tpp@bazalt.ru; nmz@bazalt.ru</p> <p>Registration number: 7719830028 (Tax ID/INN)</p>	12.9.2014
10.	<p>Admiralty Shipyard JSC</p> <p>Local name: Акционерное Общество «Адмиралтейские Верфи» (АО «Адмиралтейские Верфи»)</p> <p>A.k.a: JSC Admiralteyskiye Verfi; Soviet Shipyard No. 194</p>	<p>Address(es): 190121, St. Petersburg, Fontanka River Embankment, 203, Russian Federation</p> <p>Telephone: +7 (812) 714-88-33</p> <p>Website: http://admship.ru/</p> <p>Email: info@ashipyards.com</p> <p>Registration number: 7839395419 (Tax ID/INN)</p>	25.2.2022

▼M31

Number	Name	Identifying Information	Date of listing
11.	<p>Aleksandrov Scientific Research Technological Institute NITI</p> <p>Local name: Федеральное Государственное Унитарное Предприятие «Научно- Исследовательский Технологический Институт имени А.П. Александрова» (ФГУП «НИТИ им. А.П. Александрова»)</p> <p>A.k.a: Federal State unitary Enterprise Alexandrov Research Institute of Technology; FGUP “A.P. Aleksandrov NITI”; FSUE Alexandrov NITI</p>	<p>Address(es): 188540, Leningrad Oblast, Sosnovy Bor, Koperskoye Shosse, 72, Russian Federation</p> <p>Telephone: +7 81369 22667</p> <p>Website: https://niti.ru/</p> <p>Email: foton@niti.ru</p> <p>Registration number: 4714000067 (Tax ID/INN)</p>	25.2.2022
12.	<p>Argut OOO</p> <p>Local name: Общество с Ограниченной Ответственностью «Аргут» (ООО «Аргут»)</p> <p>A.k.a: Argut LLC</p>	<p>Address(es): 127287, Moscow, Khutorskaya Str., 2, 38A, Building 1, Russian Federation; 123007, Moscow, Mnyovniki Str., 6, Floor 3, Premises II, Room 13, Russian Federation; 123007, Moscow, 2nd Magistralny Tupik, 7A, Building 1, Russian Federation; 123423, Moscow, MO Khoroshevo-Mnevniki, Narodnogo Opolcheniya Str., 34, Floor 3, Office 330, Russian Federation</p> <p>Telephone: 8 499 346-06-32; 8 800 555-60-12</p> <p>Website: https://argut.net/</p> <p>Email: info@argut.net</p> <p>Registration number: 7714419505 (Tax ID/INN)</p>	25.2.2022
13.	<p>Communication Center of the Ministry of Defense</p> <p>Local name: Департамент информации и массовых коммуникаций Министерства обороны Российской Федерации</p> <p>A.k.a: Department of Information and Mass Communications of the Ministry of Defence of the Russian Federation</p>	<p>Address(es): 119019, Moscow, Khamovniki, Bolshoi Znamensky Pereulok, 21, Russian Federation; 119160, Moscow, Frunzenskaya Embankment, 22/2, Russian Federation</p> <p>Telephone: 8 (495) 498-02-74</p> <p>Website: https://structure.mil.ru/structure/ministry_of_defence/details.htm?id=9581@egOrganization</p> <p>Email: press@mil.ru</p>	25.2.2022

Number	Name	Identifying Information	Date of listing
14.	<p>Federal Research Center Boreskov Institute of Catalysis</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение Науки «Федеральный Исследовательский Центр «Институт Катализа им. Г.К. Борескова Сибирского Отделения Российской Академии Наук» (ИК СО РАН, Институт Катализа СО РАН)</p> <p>A.k.a: Institute of Catalysis named after G. K. Boreskov SB RAS; IR SB RAS; Institute of Catalysis SB RAS; BIC</p>	<p>Address(es): 630090, Novosibirsk Oblast, Novosibirsk, Akademika Lavrentiev Prospekt, 5, Russian Federation</p> <p>Telephone: +7 (383) 330-80-56</p> <p>Website: https://catalysis.ru/</p> <p>Email: bic@catalysis.ru</p> <p>Registration number: 5408100177 (Tax ID/INN)</p>	25.2.2022
15.	<p>Federal State Budgetary Enterprise of the Administration of the President of Russia</p> <p>Local name: Управление делами Президента Российской Федерации</p> <p>A.k.a: Administration of the President of the Russian Federation; The Administrative Directorate of the President of the Russian Federation</p>	<p>Address(es): 103132, Moscow, Nikitnikov Pereulok, 2, Building 5, Russian Federation</p> <p>Telephone: +7 495 606-92-33</p> <p>Website: https://udprf.ru/</p> <p>Email: udprf@gov.ru</p> <p>Registration number: 7710023340 (Tax ID/INN)</p>	25.2.2022
16.	<p>Federal State Budgetary Enterprise Special Flight Unit Rossiya of the Administration of the President of Russia</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение «Специальный Летный Отряд «Россия» Управления Делами Президента Российской Федерации (ФГБУ «СЛО «Россия»)</p> <p>A.k.a: Federal State Budgetary Institution “Special Flight Detachment “Russia”; FGBU SLO Rossya; Federal State Budgetary Institution “Special Flight Squad” Russia”</p>	<p>Address(es): 119027, Moscow, 1st Reisovaya Str., 2, Russian Federation</p> <p>Telephone: +7 495 122-99-99; +7 495 122-99-45</p> <p>Website: https://udprf.ru/content/federalnoe-gosudarstvennoe-byudzhethoe-uchrezhdenie-specialnyy-letnyy-otryad-rossiya</p> <p>Email: office@sfdrossia.ru</p> <p>Registration number: 7732537999 (Tax ID/INN)</p>	25.2.2022

Number	Name	Identifying Information	Date of listing
17.	<p>Federal State Unitary Enterprise Dukhov Automatics Research Institute (VNIIA)</p> <p>Local name: Федеральное Государственное Унитарное Предприятие «Всероссийский Научно-Исследовательский Институт Автоматики им. Н.Л. Духова» (ФГУП «ВНИИА»)</p> <p>A.k.a: Federal State Unitary Enterprise “All-Russian Research Institute of Automation named after N.L. Dukhov”; FSUE “VNIIA”</p>	<p>Address(es): 127030, Moscow, Sushchevskaya S, 22, Russian Federation</p> <p>Telephone: +7 (499) 978-7803</p> <p>Website: https://vniia.ru/</p> <p>Email: vniia@vniia.ru</p> <p>Registration number: 7707074137 (Tax ID/INN)</p>	25.2.2022
18.	<p>Foreign Intelligence Service (SVR)</p> <p>Local name: Служба Внешней Разведки Российской Федерации (СВР России)</p> <p>A.k.a: Foreign Intelligence Service of the Russian Federation (SVR of Russia)</p>	<p>Address(es): 119034, Moscow, Ostozhenka Str., 51, Building 1, Russian Federation</p> <p>Telephone: +7 495 247-19-38; +7 (499) 245-3368; +7 (499) 255- 7938</p> <p>Website: http://свр.рф/</p> <p>Registration number: 7728302546 (Tax ID/INN)</p>	25.2.2022
19.	<p>Forensic Center of Nizhny Novgorod Region Main Directorate of the Ministry of Interior Affairs</p> <p>Local name: Главное Управление Министерства Внутренних Дел Российской Федерации по Нижегородской Области (ГУ МВД России по Нижегородской Области)</p> <p>A.k.a: Main Directorate of the Ministry of Internal Affairs of the Russian Federation for the Nizhny Novgorod Region; GU MIA of Russia for the Nizhny Novgorod Region</p>	<p>Address(es): 603000, Nizhny Novgorod Oblast, Nizhny Novgorod, Maxim Gorky Str., 71, Russian Federation</p> <p>Telephone: 268-73-06</p> <p>Website: http://mvdnn.ru/</p> <p>Registration number: 5260040766 (Tax ID/INN)</p>	25.2.2022

Number	Name	Identifying Information	Date of listing
20.	<p>International Center for Quantum Optics and Quantum Technologies (The Russian Quantum Center)</p> <p>Local name: Общество с Ограниченной Ответственностью «Международный Центр Квантовой Оптики И Квантовых Технологий» (ООО «МЦКТ»); Российский квантовый центр (РКЦ)</p> <p>A.k.a: RCC; RQC; LLC “MCCT”; ООО MTsKT</p>	<p>Address(es): 121205, Moscow, Territory of the Skolkovo Innovation Center, Bolshoi Boulevard, 30, Building 1, Russian Federation</p> <p>Telephone: +7 495 280 1291</p> <p>Website: https://rqc.ru/</p> <p>Email: mail@rqc.ru</p> <p>Registration number: 7743801910 (Tax ID/INN)</p>	25.2.2022
21.	<p>Irkut Corporation</p> <p>Local name: Публичное Акционерное Общество «Яковлев» (ПАО «Яковлев»); Публичное Акционерное Общество «Научно- Производственная Корпорация «Иркут» (ПАО «Корпорация «Иркут»)</p> <p>A.k.a: Public Joint Stock Company Yakovlev; PJSC Yakovlev; Irkut Research and Production Corporation Public Joint Company; PJSC Irkut Corporation</p>	<p>Address(es): 125315, Moscow, Leningradsky Prospekt, 68, Russian Federation</p> <p>Telephone: +7 495 777-21-01</p> <p>Website: https://yakovlev.ru/</p> <p>Email: office@yakovlev.ru</p> <p>Registration number: 3807002509 (Tax ID/INN)</p>	25.2.2022
22.	<p>Joint Stock Company Scientific Research Institute of Computing Machinery</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Средств Вычислительной Техники» (АО «НИИ СВТ»)</p> <p>A.k.a: Scientific Research Institute of Computer Technology; JSC NII SVT; AO NII SVT</p>	<p>Address(es): 610025, Kirov, Melnichnaya Str., 31, Russian Federation</p> <p>Telephone: 8(8332) 67-99-75</p> <p>Website: https://niisvt.ru/</p> <p>Email: niisvt@niisvt.ru</p> <p>Registration number: 4345309407 (Tax ID/INN)</p>	25.2.2022

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Number	Name	Identifying Information	Date of listing
23.	<p>JSC Central Research Institute of Machine Building (JSC TsNIIMash)</p> <p>Local name: Акционерное Общество «Центральный Научно-Исследовательский Институт Машиностроения» (АО «ЦНИИМаш»)</p> <p>A.k.a: Federal State Unitary Enterprise Central Research Institute for Machine Building</p>	<p>Address(es): 141070, Moscow Oblast, Korolev, Pionerskaya Str. 4, Building 22, Russian Federation</p> <p>Telephone: +7 (495) 513-59-51</p> <p>Website: https://www.tsniimash.ru/</p> <p>Email: corp@tsniimash.ru</p> <p>Registration number: 5018200994 (Tax ID/INN)</p>	25.2.2022
24.	<p>JSC Kazan Helicopter Plant Repair Service</p> <p>Local name: Акционерное Общество «Казанский Вертолетный Завод-Ремонт, Сервис» (АО «КВЗ- РемСервис»)</p> <p>A.k.a: Kazanski Vertoletny Zavod Remservis; KVZ Remservis</p>	<p>Address(es): 420085, Republic of Tatarstan, Kazan, Tetseskaya Str., 14, Building 22, Russian Federation</p> <p>Telephone: +7 (843) 571-90-67</p> <p>Website: https://kvz-remservice.ru/</p> <p>Email: info@kvz-remservice.ru</p> <p>Registration number: 1653002439 (Tax ID/INN)</p>	25.2.2022
25.	<p>JSC Shipyard Zaliv (Zaliv Shipbuilding Yard)</p> <p>Local name: Открытое Акционерное Общество «Судостроительный Завод «Залив» (ОАО «Судостроительный Завод «Залив»)</p> <p>A.k.a: Zaliv Shipbuilding Plant</p>	<p>Address(es): 298310, Republic of Crimea, Kerch, Tankistov Str., 4</p> <p>Telephone: +7 978 705-23-88</p> <p>Website: http://zaliv.com/</p> <p>Email: zaliv@zaliv.com</p> <p>Registration number: 9111001119 (Tax ID/INN)</p>	25.2.2022

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Number	Name	Identifying Information	Date of listing
26.	<p>JSC Rocket and Space Centre – Progress</p> <p>Local name: «Ракетно-Космический Центр «Прогресс» (ПКЦ «Прогресс»)</p> <p>A.k.a: JSC Progress; RKTs Progress; Progress Rocket Space Centre</p>	<p>Address(es): 443009, Samara Oblast, Samara, Zemets Str., 18, Russian Federation; Moscow, Gilyarovsky Str., 39, Building 1, Room 203, Russian Federation; Arkhangelsk Oblast, Mirny, Lesnaya Str., 10, Russian Federation; Amur Oblast, Svobodnensky District, Ulegorsk Village, Marshala Nedelina Str., 13a, Russian Federation.</p> <p>Telephone: +7 (846) 955-13-61</p> <p>Website: https://www.samspace.ru/</p> <p>Email: mail@samspace.ru</p> <p>Registration number: 6312139922 (Tax ID/INN)</p>	25.2.2022
27.	<p>Kamensk-Uralsky Metallurgical Works JSC</p> <p>Local name: Открытое Акционерное Общество «Каменск-Уральский Metallургический Завод» (ОАО «КУМЗ»)</p> <p>A.k.a: KUMZ JSC; Kamensk-Ural Metallurgical Plant</p>	<p>Address(es): 623405, Sverdlovsk region, Kamensk-Uralsky, Zavodskaya Str., 5, Russian Federation</p> <p>Telephone: +7 (3439)39-51-16</p> <p>Website: https://kumz.ru/</p> <p>Email: any@kumw.ru</p> <p>Registration number: 6665002150 (Tax ID/INN)</p>	25.2.2022
28.	<p>Kazan Helicopter Plant PJSC</p> <p>Local name: Акционерное Общество «Казанский Вертолетный Завод» (АО «Казанский Вертолетный Завод»)</p> <p>A.k.a: Kazan Helicopters; Kazanski Vertoletny Zavod AO</p>	<p>Address(es): 420085, Republic of Tatarstan, Kazan, Tetshevik Str., 14, Russian Federation</p> <p>Telephone: +7 (843) 549 66 99</p> <p>Website: https://www.rhc.aero/structure/kazanskiy-vertoletnyy-zavod</p> <p>Email: kvz@kazanhelicopters.com</p> <p>Registration number: 1656002652 (Tax ID/INN)</p>	25.2.2022

Number	Name	Identifying Information	Date of listing
29.	<p>Komsomolsk-na-Amur Aviation Production Organization (KNAAPO)</p> <p>Local name: Комсомольский-на-Амуре Авиационный Завод имени Ю. А. Гагарина (КНААЗ); Открытое Акционерное Общество «Комсомольское-на-Амуре Авиационное Производственное Объединение имени Ю.А. Гагарина» (ОАО «КНААПО»)</p> <p>A.k.a: Komsomolsk-on-Amur Aviation Plant named after Y. A. Gagarin; KnAAZ; Branch of PJSC United Aircraft Corporation Yuri Gagarin Komsomolsk-on- Amur Aircraft Plant; Branch of AO Company Sukhoi Yuri Gagarin Komsomolsk-on-Amur Aircraft Plant</p>	<p>Address(es): 681018, Khabarovsk Krai, Komsomolsk-on-Amur, Sovetskaya Str., 1, Russian Federation</p> <p>Telephone: +7 (4217) 52-62-00;+7 (4217) 22-85-25</p> <p>Website: http://knaaz.org/; https://www.uacrussia.ru/ru/corporation/company/filial-otkrytogo-aktsionernogo-obshchestva-aviatsionnaya-kholdingovaya-kompaniya-sukhoy-komsomolskiy/</p> <p>Email: info@knaaz.org</p>	25.2.2022
30.	<p>Ministry of Defence of the Russian Federation</p> <p>Local name: Министерство Обороны Российской Федерации (Минобороны России)</p> <p>A.k.a: MOD RF; MO RF</p>	<p>Address(es): 119019, Moscow, Znamenka Str., 19, Russian Federation</p> <p>Website: http://mil.ru/</p> <p>Email: info@mil.ru</p> <p>Registration number: 7704252261 (Tax ID/INN)</p>	25.2.2022
31.	<p>Moscow Institute of Physics and Technology</p> <p>Local name: Федеральное Государственное Автономное Образовательное Учреждение Высшего Образования «Московский Физико- Технический Институт (Национальный Исследовательский Университет)» (МФТИ, ФИЗТЕХ)</p> <p>A.k.a: MFTI, FizTech; MIPT</p>	<p>Address(es): 117303, Moscow, Kerchenskaya Str., 1A, Building 1, Russian Federation; 141701, Moscow Oblast, Dolgoprudny, Institutskiy Pereulok, 9, Russian Federation; 115184, Moscow, Klimentovskiy Pereulok, 1, Building 1 (Moscow Campus), Russian Federation; 140180, Moscow Oblast, Zhukovsky, Gagarina Str., 16 (FALT), Russian Federation; 123098, Moscow, Maksimova Str., 4 (INBICST), Russian Federation; 117485, Moscow, Profsoyuznaya Str., 84/32 (Department of Applied Physics, FPFE), Russian Federation</p> <p>Telephone: +7 (495) 408-45-54</p> <p>Website: http://mipt.ru/</p> <p>Email: info@mipt.ru</p> <p>Registration number: 5008006211(Tax ID/INN)</p>	25.2.2022

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Number	Name	Identifying Information	Date of listing
32.	<p>NPO Splav JSC</p> <p>Local name: Акционерное Общество «Научно- Производственное Объединение «Сплав» имени А.Н. Ганичева» (АО «НПО «Сплав» им. А.Н. Ганичева»)</p> <p>A.k.a: Scientific and Production Association “SPLAV”; JSC A.N. Ganichev Scientific and Production Association “SPLAV”</p>	<p>Address(es): 300004, Tula Oblast, Tula, Shcheglovskaya Zaseka Str., 33, Russian Federation</p> <p>Telephone: +7 (4872) 25-55-64</p> <p>Website: https://splav-kran.ru/</p> <p>Email: popova.kd@splavtula.ru; nevmerzhitskiy.dn@splavtula.ru</p> <p>Registration number: 7105515987 (Tax ID/INN)</p>	25.2.2022
33.	<p>ОПК Oboronprom</p> <p>Local name: Акционерное Общество «Объединенная Промышленная Корпорация «Оборонпром» (АО «ОПК «Оборонпром»)</p> <p>A.k.a: United Industrial Corporation Oboronprom</p>	<p>Address(es): 121357, Moscow, Vereyskaya Str., 29, Building 141, Russian Federation</p> <p>Telephone: +7 (495) 984-02-15</p> <p>Website: https://oboronprom.com/; www.oboronprom.ru</p> <p>Email: mail@oboronprom.ru</p> <p>Registration number: 7718218951 (Tax ID/INN)</p>	25.2.2022
34.	<p>PJSC Beriev Aircraft Company</p> <p>Local name: Публичное Акционерное Общество «Таганрогский Авиационный Научно- Технический Комплекс им. Г.М. Бериева» (ПАО «ТАНТК им. Г.М. Бериева»)</p> <p>A.k.a: Taganrog Aviation Scientific and Technical Complex named after G. M. Beriev; Public Joint- Stock Company “Beriev Aircraft”; TANTK</p>	<p>Address(es): 347923, Rostov Oblast, Taganrog, Aviatorov Square, 1, Russian Federation</p> <p>Telephone: +7 (8634) 390-901</p> <p>Website: http://beriev.com/</p> <p>Email: info@beriev.com</p> <p>Registration number: 6154028021 (Tax ID/INN)</p>	25.2.2022
35.	<p>POLYUS Research Institute of M.F. Stelmakh Joint Stock Company</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт «Полюс» им. М.Ф.Стельмаха» (АО «НИИ «Полюс» им. М.Ф. Стельмаха»)</p> <p>A.k.a: Joint Stock Company Institute for Scientific Research Polyus Named After M. F. Stelmakha; NII Polyus; Polyus Scientific Research Institute</p>	<p>Address(es): 117342, Moscow, Vvedenskogo Str. 3, Building 1, Russian Federation</p> <p>Telephone: +7 495 333-91-44</p> <p>Website: https://niipolyus.ru/</p> <p>Email: bereg@niipolyus.ru</p> <p>Registration number: 7728816598 (Tax ID/INN)</p>	25.2.2022

Number	Name	Identifying Information	Date of listing
36.	Promtech-Dubna, JSC Local name: Акционерное Общество «Промтех-Дубна» (АО «Промтех-Дубна»)	Address(es): 141983, Moscow Oblast, Dubna, Programistov Str., 4, Room 364, Russian Federation; 141983, Moscow Oblast, Dubna, Nauki Prospekt, 14, Russian Federation Telephone: +7 (495) 526-69-93 Website: https://promtech-dubna.ru/ Email: info@promtech-dubna.ru Registration number: 5010041037 (Tax ID/INN)	25.2.2022
37.	Public Joint Stock Company United Aircraft Corporation Local name: Публичное Акционерное Общество «Объединенная Авиастроительная Корпорация» (ПАО «ОАК») A.k.a: PAO AOK; PJSC UAC	Address(es): 115054, Moscow, Bolshaya Pionerskaya Str., 1, Russian Federation Telephone: +7 495 926-14-20 Website: http://uacrussia.ru/ Email: office@uacrussia.ru Registration number: 7708619320 (Tax ID/INN)	25.2.2022
38.	Radiotechnical and Information Systems (RTI) Concern Local name: Акционерное Общество «Научно- Производственное Объединение Дальней Радиолокации» (АО «НПО Дальней Радиолокации»); Акционерное Общество «Концерн «Радиотехнические и Информационные Системы» (АО «Концерн «РТИ Системы») A.k.a: RTI Systems; Joint Stock Company “Scientific and Production Association of Long- Range Radar”; AO NPO Dalney Radiolokatsii	Address(es): 127083, Moscow, 8 Marta Str., 10, Building 1, Russian Federation Telephone: +7 (495) 723-83-49 Website: https://www.krtis.ru/ Email: inbox@krtis.ru Registration number: 7713269230 (Tax ID/INN)	25.2.2022
39.	Rapart Services LLC Local name: Общество с Ограниченной ответственностью «РАпарт Сервисез» (ООО «РАпарт Сервисез»)	Address(es): 141580, Moscow Oblast, Khimki, Dubrovki District, Aeroportskaya Str., 2/2, “Sherland” Business Centre, Russian Federation; 141580, Moscow Oblast, Khimki, Dubrovki District, Aeroportskaya Str., 6, Building 2, Russian Federation Telephone: +7 (495) 798-75-44 Website: https://rapart.aero/ Email: info@rapart.yakovlev.ru Registration number: 7725497858 (Tax ID/INN)	25.2.2022

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Number	Name	Identifying Information	Date of listing
40.	Rosoboronexport OJSC (ROE) Local name: Акционерное Общество «Рособоронэкспорт» (АО «Рособоронэкспорт»)	Address(es): 107076, Moscow, Stromynka Str., 272, Russian Federation Telephone: +7 (495) 534 61 83 Website: https://roe.ru/ Email: roe@roe.ru Registration number: 7718852163 (Tax ID/INN)	25.2.2022
41.	Rostec (Russian Technologies State Corporation) Local name: Государственная Корпорация по Содействию Разработке, Производству и Экспорту Высокотехнологичной Промышленной Продукции «Ростех» (Государственная Корпорация «Ростех») A.k.a: Rostekh; Russian Technologies; State Corporation for the Promotion of the Development, Manufacture, and Export of High-Tech Products “Rostec”; Rostekhnologii	Address(es): 119991, Moscow, Gogolevsky Boulevard, 21, Building 1, Russian Federation; Moscow, Volokolamskoe Shosse, 75A, Russian Federation; 119048, Moscow, Usacheva Str., 24, Russian Federation Telephone: +7 (495) 287-25-25 Website: https://rostec.ru/ Email: info@rostec.ru Registration number: 7704274402 (Tax ID/INN)	25.2.2022
42.	Rostekh – Azimuth Local name: Акционерное Общество «Азимут» (АО «Азимут») A.k.a: Azimut JSC	Address(es): 125167, Moscow, Naryshkinskaya Alleya, 5, Building 2, Floor 2, Premises X, Room 15, Russian Federation Telephone: +7 495 926 37 69 Website: https://azimut.ru/ Email: mailbox@azimut.ru Registration number: 7701583410 (Tax ID/INN)	25.2.2022
43.	Russian Aircraft Corporation MiG Local name: Акционерное Общество «Российская Самолетостроительная Корпорация «МиГ» (АО «РСК «МиГ») A.k.a: JSC “RAC MiG”; Mikoyan	Address(es): 125171, Moscow, Leningradskoe Shosse, 6, Building 1, Russian Federation Telephone: +7(495) 721-81-00 Website: http://www.migavia.ru/ Email: inbox@rsk-mig.ru	25.2.2022

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Number	Name	Identifying Information	Date of listing
44.	Russian Helicopters JSC Local name: Акционерное Общество «Вертолеты России» (АО «Вертолеты России») A.k.a: AO Vertolety Rossii	Address(es): 123610, Moscow, Bolshaya Pionerskaya, 1, Russian Federation; 123557, Moscow, Presnensky Val, 14, Russian Federation Telephone: +7 (495) 660-5560 Website: https://www.rhc.aero/ Email: hsc@hsc-copter.com Registration number: 7731559044 (Tax ID/INN)	25.2.2022
45.	SP KVANT (Sovmestnoe Predpriyatie Kvantovye Tekhnologii) Local name: Общество с Ограниченной Ответственностью «Совместное Предприятие «Квантовые Технологии» (ООО «СП «Квант») A.k.a: Joint Venture Quantum Technologies	Address(es): 121205, Moscow, Territory of the Skolkovo Innovation Centre, Nobelya Str., 1, Russian Federation; 115230, Moscow, Varshavskoe Shosse, 46, Floor 6, Premises 600K, Russian Federation Telephone: +7 495 280 1291 Website: https://quant-digital.ru/ Email: NQL@rosatom.ru Registration number: 7726464220 (Tax ID/INN)	25.2.2022
46.	Sukhoi Aviation JSC Local name: Акционерное Общество «Авиационная Холдинговая Компания «Сухой» (АО «Компания «Сухой») A.k.a: Joint Stock Company “Aviation Holding Company “Sukhoi”	Address(es): 125284, Moscow, Polikarpova Str., 23B, Russian Federation Telephone: +7 (499) 550-01-06 Website: https://www.sukhoi.org/ Email: info@sukhoi.org	25.2.2022
47.	Sukhoi Civil Aircraft Local name: Акционерное Общество «Гражданские Самолеты Сухого» (АО «ГСС») A.k.a: SACC; Sukhoi Civil Aircraft Company (SCAC); AO GSS	Address(es): 115280, Moscow, Leninskaya Sloboda Str., 26, Floor 1, Premises IV, Room 54, Russian Federation; 125284, Moscow, Polikarpova Str., 23B, Building 2, Russian Federation Telephone: 7 (495) 727-19-88 Website: http://www.scac.ru/ Email: info@scac.ru	25.2.2022

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Number	Name	Identifying Information	Date of listing
48.	Tactical Missiles Corporation JSC Local name: Акционерное Общество «Корпорация «Тактическое Ракетное Вооружение» (АО «Корпорация «Тактическое Ракетное Вооружение») A.k.a: KTRV	Address(es): 141080, Moscow Oblast, Korolev, Ilycha Str., 7, Russian Federation Telephone: +7 (495) 542-57-09 Website: https://ktrv.ru/ Email: kmo@ktrv.ru Registration number: 5099000013	25.2.2022
49.	Tupolev JSC Local name: Акционерное Общество «Туполев» (АО «Туполев»)	Address(es): 105005, Moscow, Akademika Tupoleva Embankment, 17, Russian Federation Telephone: +7 (499) 263-77-77 Website: https://tupolev.ru/ Email: info@tupolev.ru Registration number: 7705313252 (Tax ID/INN)	25.2.2022
50.	UEC-Saturn Local name: Публичное Акционерное Общество «ОДК-Сатурн» (ПАО «ОДК-Сатурн») A.k.a: United Engine Corporation – Saturn; ODK-Saturn PAO; PJSC UEC-Saturn	Address(es): 152903, Yaroslavl Oblast, Rybinsk, Lenina Prospekt, 163, Russian Federation Telephone: +7 (4855) 329-000 Website: https://www.uecrus.com/about/structure/pao-odk-saturn/ Email: saturn@uec-saturn.ru Registration number: 7610052644 (Tax ID/INN)	25.2.2022
51.	JSC AeroKompozit Local name: Акционерное Общество «АэроКомпозит» (АО «АэроКомпозит») A.k.a: Joint Stock Company “AeroComposit”	Address(es): 125284, Moscow, Polikarpova Str. 23B, Building 2, Russian Federation; 125167, Moscow, Leningradsky Prospekt, 47, Russian Federation Website: http://aerocomposit.ru (offline); https://www.yakovlev.ru/structure/aerocomposit/ Telephone: +7 (495) 940-87-11 Email: info@aerocomposit.ru Registration number: 7714759967 (Tax ID/INN)	25.2.2022

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Number	Name	Identifying Information	Date of listing
52.	<p>United Engine Corporation</p> <p>Local name: Акционерное Общество «Объединенная Двигателестроительная Корпорация» (АО «ОДК»)</p> <p>A.k.a: JSC UEC; AO ODK</p>	<p>Address(es): 105118, Moscow, Budyonny Prospekt, 16, Russian Federation; 109147, Moscow, Mayakovsky Pereulok, 11, Russian Federation</p> <p>Telephone: +7 495 232 55 02; +7 (499) 558-16-94</p> <p>Website: https://uecrus.com/</p> <p>Email: info@uecrus.com</p> <p>Registration number: 7731644035 (Tax ID/INN)</p>	25.2.2022
53.	<p>UEC-Aviadvigatel JSC</p> <p>Local name: Акционерное Общество «ОДК-Авиадвигатель» (АО «ОДК-Авиадвигатель»)</p> <p>A.k.a: AO ODK-Aviadvigatel</p>	<p>Address(es): 614010, Perm Krai, Perm, Komsomolsky Prospekt, 93, Building 61, Russian Federation</p> <p>Telephone: +7 (342) 240-97-86</p> <p>Website: https://www.avid.ru/; https://uecrus.com/about/structure/ao-odk-aviadvigatel/</p> <p>Email: office@avid.ru</p> <p>Registration number: 5904000620 (Tax ID/INN)</p>	25.2.2022
54.	<p>United Instrument Manufacturing Corporation</p> <p>Local name: Акционерное Общество «Объединенная Приборостроительная Корпорация» (АО «ОПК»)</p> <p>A.k.a: AO OPK; UIMC</p>	<p>Address(es): 121357, Moscow, Vereyskaya Str., 29, Building 141, Russian Federation</p> <p>Telephone: +7 (495) 357-09-04</p> <p>Website: http://rtopk.ru/</p> <p>Email: info@opkrt.ru</p> <p>Registration number: 7704859803 (Tax ID/INN)</p>	25.2.2022

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Number	Name	Identifying Information	Date of listing
55.	United Shipbuilding Corporation Local name: A.k.a: USC; AO OSK	Address(es): 191119, St. Petersburg, Marata Str., 90, Russian Federation; 115184, Moscow, Bolshaya Tatarskaya Str., 11, Building V, Russian Federation Telephone: +7 495 617-33-00; +7 812 494-17-42 Website: https://aorsk.ru/ Email: info@aorsk.ru Registration number: 7838395215 (Tax ID/INN)	25.2.2022
56.	JSC PO Sevmash Local name: Акционерное Общество «Производственное Объединение «Северное Машиностроительное Предприятие» (АО «ПО «СевМаш») A.k.a: JSC “Production Association “Northern Machine Building Enterprise”	Address(es): 164500, Arkhangelsk Oblast, Severodvinsk, Arkhangelskoye Shosse, 58, Russian Federation Telephone: +7 (88184) 50-46-09 Website: https://sevmash.ru/ Email: smp@sevmash.ru Registration number: 2902059091 (Tax ID/INN)	25.2.2022
57.	Krasnoye Sormovo Shipyard Local name: Публичное Акционерное Общество «Завод «Красное Сормово» (ПАО «Завод «Красное Сормово») A.k.a: PJSC “Zavod “Krasnoye Sormovo”	Address(es): 603003, Nizhny Novgorod Oblast, Nizhny Novgorod, Barrikad Str., 1, Russian Federation Telephone: +7 (831) 229-61-05; +7 (831) 229-61-27 Website: http://krsormovo.nnov.ru/ Email: info@krsormovo.ru Registration number: 5263006629 (Tax ID/INN)	25.2.2022
58.	Severnaya Shipyard Local name: Публичное Акционерное Общество Судостроительный Завод «Северная Верфь» (ПАО СЗ «Северная Верфь») A.k.a: PJSC Shipbuilding Plant “Severnaya Verf”; PAO SZ “Severnaya Verf”	Address(es): 198096, St. Petersburg, Korabelnaya Str., 61, Russian Federation Telephone: +7 (812) 600-52-60 Website: https://nordsy.spb.ru/ Email: info@nordsy.spb.ru Registration number: 7805034277 (Tax ID/INN)	25.2.2022

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Number	Name	Identifying Information	Date of listing
59.	<p>Shipyard Yantar</p> <p>Local name: Акционерное Общество «Прибалтийский Судостроительный Завод «Янтарь» (АО «ПСЗ «Янтарь»)</p> <p>A.k.a: JSC “Pribaltic Shipbuilding Factory “Yantar”; AO PSZ Yantar</p>	<p>Address(es): 236005, Kaliningrad Oblast, Kaliningrad, Guskova Square, 1, Russian Federation</p> <p>Telephone: +7 (4012) 61 30 71; +7 (4012) 61 30 83</p> <p>Website: https://shipyard-yantar.ru/</p> <p>Email: office@shipyard-yantar.ru</p> <p>Registration number: 3900000111 (Tax ID/INN)</p>	25.2.2022
60.	<p>UralVagonZavod</p> <p>Local name: Акционерное Общество «Научно- Производственная Корпорация «Уралвагонзавод» имени Ф.Э. Дзержинского» (АО «Научно- Производственная Корпорация «Уралвагонзавод»)</p> <p>A.k.a: JSC “Scientific and Production Corporation “Uralvagonzavod” named after F. E. Dzerzhinsky”; Research and Production Corporation Ural Wagon Factory</p>	<p>Address(es): 622007, Sverdlovsk Oblast, Nizhny Tagil, Vostochnoye Shosse, 28, Russian Federation; 119049, Moscow, Bolshaya Yakimanka Str., 40</p> <p>Telephone: +7 (495) 737-00-80; +7 (3435) 344-209</p> <p>Website: http://uvz.ru/; http://uralvagonzavod.ru/</p> <p>Email: web@npk.uvz.ru</p> <p>Registration number: 6623029538 (Tax ID/INN)</p>	25.2.2022
61.	<p>Baikal Electronics</p> <p>Local name: Акционерное Общество «Байкал Электроникс» (АО «Байкал Электроникс»)</p> <p>A.k.a: АО “Baikal Elektroniks”</p>	<p>Address(es): 143421, Moscow Oblast, Krasnogorsk District, 26th Kilometer of the M9 “Baltia” Highway, 5 (RigaLand Business Centre), Building 1, Russian Federation; 123182, Moscow, Marshala Vasilevskogo Str., 15, Building 20, Russian Federation; 124498, Moscow, Zelenograd, Proezd 4922th, 4, Building 5, Russian Federation</p> <p>Telephone: +7 (495) 956-54-90; +7 (495) 221-39-47</p> <p>Website: https://www.baikalelectronics.ru/</p> <p>Email: Info@baikalelectronics.ru</p> <p>Registration number: 7808035536 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
62.	Center for Technological Competencies in Radiophotonics Local name: Центр Технологических Компетенций в Области Радиофотоники	Address(es): 127083, Moscow, 8th March Str., 10, Building 1, Russian Federation	15.3.2022
63.	Central Research and Development Institute Tsiklon Local name: Акционерное Общество «Центральный Научно-Исследовательский Институт «Циклон» (АО "ЦНИИ «Циклон») A.k.a: Cyclone TsNI; CRI Cyclone; Central Research Institute Cyclone JSC	Address(es): 107497, Moscow, Golyanovo Municipal District, Shchelkovskoe Shosse, 77, Russian Federation Telephone: +7 (495) 460-48-00; +7 (499) 606-06-06 Website: https://cyclone.su/ Email: info@cyclone-jsc.ru Registration number: 7718159209 (Tax ID/INN)	15.3.2022
64.	Crocus Nano Electronics Local name: Общество С Ограниченной Ответственностью «Крокус Нанoeлектроника» (ООО «Крокус Нанoeлектроника») A.k.a: ООО Krokus Nanoelektronika; ООО Crocusnano	Address(es): 109129, Moscow, Tekstilshchiki Municipal District, 8th Testilshchikov Str., 11, Building 2, Russian Federation; 109129, Moscow, Volgogradsky Prospekt, 42, Building 5, Floor 1, Premises 1, Russian Federation Telephone: +7 (909) 921-55-55; +7 (495) 640-51-86 Website: http://crocusnano.com Email: info@crocusnano.com Registration number: 7710889933 (Tax ID/INN)	15.3.2022
65.	Dalzavod Ship-Repair Center Local name: Акционерное Общество «Центр Судоремонта «Дальзавод» (АО «ЦСД») A.k.a: AO TsSD; DCSS; AO Tsentr Sudoremonta Dalzavod; JSC CSD	Address(es): 690950, Vladivostok, Svetlanskaya Str., 72, Russian Federation; 690001, Primorsky Krai, Vladivostok, Dalzavodskaya Str., 2, Premises 22, Room 2-27, Russian Federation Telephone: +7 (423) 222-38-12; +7 (423) 220-57-88; +7 (423) 265-17-36 Website: https://dcss.ru/ Email: dalzavod@dcss.ru ; DCSS@DCSS.RU Registration number: 2536210349 (Tax ID/INN)	15.3.2022

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Number	Name	Identifying Information	Date of listing
66.	<p>Elara</p> <p>Local name: Акционерное Общество «Научно- Производственный Комплекс «Элара» имени Г.А. Ильенко» (АО «Элара»)</p> <p>A.k.a: JSC Scientific and Production Complex Elara named after G.A. Illienko; The Ilyenko Elara Research and Production Complex, Joint-Stock Company</p>	<p>Address(es): 428034, Chuvash Republic, Cheboksary, Moskovsky Prospekt, 40, Russian Federation; 127055, Moscow, Obraztsova Str., 7, Russian Federation; 198097, St. Petersburg, Marshala Govorova Str., 29, Letter A, Russian Federation</p> <p>Telephone: +7 (8352) 45-36-50; +7 (8352) 22-17-13; +7 (8352) 45-10-48</p> <p>Website: https://elara.ru/</p> <p>Email: elara@elara.ru</p> <p>Registration number: 2129017646 (Tax ID/INN)</p>	15.3.2022
67.	<p>Electronic Computing and Information Systems</p> <p>Local name: Акционерное Общество Научно- Производственный Центр «Электронные Вычислительно-Информационные Системы» (АО НИЦ «Элвис»)</p> <p>A.k.a: ELVIS, JSC Research and Development Center ELVEES; Scientific Production Center Elvis</p>	<p>Address(es): 124460, Moscow, Solino Municipal District, Zelenograd, Konstruktora Lukina Str., 14, Building 14, Russian Federation</p> <p>Telephone: +7 (495) 926-79-57</p> <p>Website: https://elvees.ru</p> <p>Email: secretary@elvees.com</p> <p>Registration number: 7735582816 (Tax ID/INN)</p>	15.3.2022
68.	<p>ELPROM</p> <p>Local name: Общество с Ограниченной Ответственностью «Элпром» (ООО «Элпром»)</p> <p>A.k.a: ООО Elprom; Elprom LLC</p>	<p>Address(es): 196142, St. Petersburg, Zvezdoe Municipal District, Pulkovskaya Str., 2, Building 1, Letter A; 198095, St. Petersburg, Marshala Govorova Str., 40, Letter A, Premises 2-N, Room 34, Russian Federation</p> <p>Telephone: +7 (812) 332-70-04</p> <p>Website: http://elprom-llc.com/</p> <p>Registration number: 7805592546 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
69.	<p>Engineering Center Ltd.</p> <p>Local name: Общество с Ограниченной Ответственностью «Инжиниринговый Центр» (ООО «Инжиниринговый Центр»)</p> <p>A.k.a: ООО Engineering Center; LCEC; EC</p>	<p>Address(es): 125367, Moscow, Pokrovskoye-Streshnevo Municipal District, Gabri-cheskogo Str., 4, Room 124, Russian Federation; 125424, Moscow, Volokol-amskoye Shosse, 73, Russian Federation</p> <p>Telephone: +7 (495) 663-91-92</p> <p>Website: http://www.lcec.ru/</p> <p>Email: info@lcec.ru</p> <p>Registration number: 7733829842 (Tax ID/INN)</p>	15.3.2022
70.	<p>Forss Technology Ltd.</p> <p>Local name: Общество с Ограниченной Ответственностью «Форсс Технологии» (ООО «ФТ»)</p> <p>A.k.a: ООО FT</p>	<p>Address(es): 190013, St. Peterburg, Semenovskiy Municipal District, Bronnitskaya Str., 44, Letter 1, Premises 1N, Russian Federation</p> <p>Telephone: 8 (812) 363-14-67, 8 (812) 363-14-68</p> <p>Website: https://forss.tech/</p> <p>Email: info@forss.su</p> <p>Registration number: 7838480196 (Tax ID/INN)</p>	15.3.2022
71.	<p>Integral SPB</p> <p>Local name: Совместное Предприятие Акционерное Общество «Интеграл СПб» (СП АО «Интеграл СПб»)</p> <p>A.k.a: Joint Venture JSC Integral SPB</p>	<p>Address(es): 195279, St. Peterburg, Irinovskiy Prospekt, 21, Building 1, Russian Federation</p> <p>Telephone: +7 (812) 527-78-90; +7 (812) 527-78-87</p> <p>Website: http://integralspb.ru/</p> <p>Email: order@integralspb.ru; komplekt@integ.spb.ru</p> <p>Registration number: 7801047839 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
72.	JSC Element Local name: Акционерное Общество «Элемент» (АО «ЭЛЕМЕНТ») A.k.a: GK “Element”; Element Group of Companies	Address(es): 123112, Moscow, Presnensky Municipal District, Presnenskaya Embankment, 12, Floor 20, Office 2024, Russian Federation; 123112, Moscow, Presnenskaya Embankment, 12, Federation Tower “Vostok”, Office 2024, Russian Federation Telephone: +7 (495) 770 03 33 Website: https://www.gkelement.ru/ Email: info@elementec.ru Registration number: 9703014282 (Tax ID/INN)	15.3.2022
73.	JSC Pella-Mash Local name: Общество с Ограниченной Ответственностью «Пелла-Маш» (ООО «Пелла-Маш») A.k.a: Machine-Building Company Pella-Mash LLC	Address(es): 187330, Leningrad Oblast, Kirovsky District, Otradnoye, Tsentralnaya Str., 4, Russian Federation Telephone: +7 (812) 312-67-49 Website: http://www.pellamash.ru/ Email: pellamash@mail.ru Registration number: 4706036197 (Tax ID/INN)	15.3.2022
74.	JSC Shipyard Vympel Local name: Публичное Акционерное Общество «Судостроительный Завод «Вымпел» (ПАО «ССЗ «Вымпел») A.k.a: PAO SSZ “Vympel”; Shipbuilding Plant “Vympel”	Address(es): 152912, Yaroslavl Oblast, Rybinsk, Novaya Str., 4, Russian Federation Telephone: +7 (4855) 20-24-42 Website: https://www.vympel-rybinsk.ru/ Email: post@vympel-rybinsk.ru Registration number: 7610015674 (Tax ID/INN)	15.3.2022
75.	Kranark LLC Local name: Общество с Ограниченной Ответственностью «Кранарк» (ООО «Кранарк») A.k.a: ООО Kranark Technika	Address(es): 192919, St. Peterburg, Professora Kachalova Str., 14, Letter A, Russian Federation Telephone: +7 (812) 365-50-50; +7 (964) 349 71 63; +7 (965) 046 52 90 Website: https://kranark.ru/ Email: info@kranark.ru Registration number: 7811550230 (Tax ID/INN)	15.3.2022

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Number	Name	Identifying Information	Date of listing
76.	Lev Anatolyevich Yershov (Ershov) Local name: Лев Анатольевич Ершов	Address(es): 196006, St. Petersburg, Tvetochnaya Str., 25, Building 3, Russian Federation Registration number: 781106099658 (Tax ID/INN)	15.3.2022
77.	LLC Center Local name: Общество с Ограниченной Ответственностью «Центр» (ООО «Центр») A.k.a: ООО Tsentr	Address(es): 127322, Moscow, Butyrsky Municipal District, Yablochkova Str., 21, Building 3, Floor 3, Premises VIII, Room 1L, Russian Federation Telephone: +7 (495) 961-00-71; +7 (495) 616-10-01 Registration number: 7716575919 (Tax ID/INN)	15.3.2022
78.	MCST Lebedev Local name: Акционерное Общество «МЦСТ» (АО «МЦСТ») A.k.a: MTsST Elbrus; Moscow Center of SPARC Technologies	Address(es): 119991, Moscow, Leninsky Prospekt, 51, Russian Federation; 117437, Moscow, Profsoyuznaya Str., 108, Russian Federation; 117105, Moscow, Nagatinskaya Str. 1, Building 21, Russian Federation Telephone: +7 (495) 246-30-43; +7 (495) 363-96-65 Website: http://www.mcst.ru/ Email: mcst@mcst.ru Registration number: 7736053886 (Tax ID/INN)	15.3.2022
79.	Miass Machine-Building Factory Local name: Акционерное Общество «Миасский Машиностроительный Завод» (АО «ММЗ») A.k.a: АО MMZ	Address(es): 456320, Chelyabinsk Oblast, Miass, Trugoyakskoye Shosse, 1, Russian Federation Telephone: +7 (3513) 298-271, +7 (3513) 298-222 Website: http://www.mmz.ru/ Email: info@mmz.ru Registration number: 7415061758 (Tax ID/INN)	15.3.2022

Number	Name	Identifying Information	Date of listing
80.	<p>Microelectronic Research and Development Center Novosibirsk</p> <p>Local name: Новосибирский Филиал Федерального Государственного Бюджетного Учреждения Науки Института Физики Полупроводников имени А. В. Ржанова СО РАН «Конструкторско-Технологический Институт Прикладной Микроэлектроники»</p> <p>(КТИПМ СО РАН)</p> <p>A.k.a: КТИПМ; IFP КТИПМ СО РАН; Novosibirsk Branch of the Federal State Budgetary Institution of Science of the A.V. Rzhanov Institute of Semiconductor Physics SB RAS “Design and Technology Institute of Applied Microelectronics”</p>	<p>Address(es): 630090, Novosibirsk Oblast, Novosibirsk, Nikolaeva Str., 8, Russian Federation; 630090, Novosibirsk Oblast, Novosibirsk, Akademika Lavrenteva Prospekt, 2/1, Russian Federation</p> <p>Telephone: +7 (383) 330-65-59</p> <p>Website: https://ktipm.isp.nsc.ru/</p> <p>Email: ktipm@oesd.ru</p>	15.3.2022
81.	<p>MPI Volna</p> <p>Local name: Общество с Ограниченной Ответственностью «Машприборинторг-Волна» (ООО «Машприборинторг-Волна»)</p> <p>A.k.a: “Mashpriborintorg - Volna” Ltd.; Mashpriborintorg Wave</p>	<p>Address(es): 111123, Moscow, Plekhanova Str., 4a, Floor 2, Business Centre “YUNIKON”, Russian Federation; 113184, Moscow, 1st Spasonalivkovsky Pereulok, 3/5, Russian Federation</p> <p>Telephone: +7 (495) 223-47-68; +7 (495) 223-47-72</p> <p>Website: https://www.mpi-volna.ru/</p> <p>Email: general@mpivolna.ru</p> <p>Registration number: 7706001520 (Tax ID/INN)</p>	15.3.2022
82.	<p>N.A. Dollezhal Order of Lenin Research and Design Institute of Power Engineering</p> <p>Local name: Акционерное Общество «Ордена Ленина Научно-Исследовательский и Конструкторский Институт Энерготехники имени Н.А. Доллежаля» (АО «НИКИЭТ»)</p> <p>A.k.a: АО НИКИЭТ; JSC “Lenin Order Research and Design Institute of Power Engineering named after N.A. Dollezhal”</p>	<p>Address(es): 107140, Moscow, Krasnoselsky Municipal District, Malaya Krasnoselskaya Str., 2/8, Building 3, Russian Federation; 107140, Moscow, Krasnoselsky Municipal District, Akademika Dollezhala Square, 1/3, Russian Federation; 101000, Moscow, P.O. Box 788, Russian Federation</p> <p>Telephone: +7 (495) 263-73-13; +7 (499) 264-00-40; +7 (499) 263-73-37</p> <p>Website: https://www.nikiet.ru/</p> <p>Email: nikiet@nikiet.ru</p> <p>Registration number: 7708698473 (Tax ID/INN)</p>	15.3.2022

Number	Name	Identifying Information	Date of listing
83.	<p>Nerpa Shipyard</p> <p>Local name: Филиал «Судоремонтный Завод «Нерпа» – Акционерное Общество «Центр Судоремонта «Звёздочка» (ФЛ «СРЗ «Нерпа» – АО «ЦС «Звёздочка»)</p> <p>A.k.a: SRZ Nerpa; Branch Nerpa Shipyard - JSC “Ship Repair Centre Zvyozdochka”</p>	<p>Address(es): 184682, Murmansk Oblast, Snezhnogorsk, Russian Federation; 164509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley, 12, Russian Federation</p> <p>Telephone: +7 (815-30) 67-101; +7(8152) 799-299</p> <p>Website: http://srznerpa.ru/</p> <p>Email: info@srznerpa.ru</p>	15.3.2022
84.	<p>NM-Tekh</p> <p>Local name: Общество с Ограниченной Ответственностью «НМ-Тех» (ООО «НМ-Тех»)</p> <p>A.k.a: NM-Tech LLC; NM-TEX</p>	<p>Address(es): 124527, Moscow, Zelenograd, Solnechnaya Alleya, 6, Floor 1, Premises XII, Office 4, 4A, Russian Federation</p> <p>Telephone: +7 (499) 995-00-70</p> <p>Website: https://nm-tech.org/</p> <p>Email: info@nm-tech.org</p> <p>Registration number: 7735183410 (Tax ID/INN)</p>	15.3.2022
85.	<p>Novorossiysk Shipyard JSC</p> <p>Local name: Акционерное Общество «Новороссийский Судоремонтный Завод» (АО «НСРЗ»)</p> <p>A.k.a: OA Novorossiyskiy Sudoremontnyy Zavod; JSC NSRZ</p>	<p>Address(es): 353902, Krasnodar Krai, Novorossiysk, Sukhumskoeye Shosse, Russian Federation</p> <p>Telephone: +8 (8617) 27-97-87</p> <p>Website: nsrz@nsrz.ru</p> <p>Email: nsrz@nsrz.ru</p> <p>Registration number: 2315007476 (Tax ID/INN)</p>	15.3.2022
86.	<p>NPO Electronic Systems</p> <p>Local name: Общество с Ограниченной Ответственностью «НПО Электронные Системы» (ООО «НПО Электронные Системы»)</p> <p>A.k.a: NPO Electric Systems; NPO Elektronnyye Sistemy; NPO E-Systems</p>	<p>Address(es): 196006, St. Petersburg, Moskovskaya Zastava Municipal District, Tashkentskaya Str., 4, Building 2, Letter U, Russian Federation; 196084, St. Petersburg, Kievskaya Str., 6, Russian Federation</p> <p>Telephone: +7(812) 564-66-43</p> <p>Website: http://npo-esystems.ru/</p> <p>Email: info@npo-esystems.ru</p> <p>Registration number: 7811660956 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
87.	<p>NPP Istok</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Исток» имени А. И. Шокина» (АО «Исток» им. Шокина)</p> <p>A.k.a: JSC Scientific and Production Enterprise Istok named after A. I. Shokin; JSC Istok A. I. Shokin; Research and Production Corporation “Istok”</p>	<p>Address(es): 141190, Moscow Oblast, Fryazino, Vokzalnaya Str., 2A, Russian Federation; 141190, Moscow Oblast, Fryazino, Okruzhnoy Proezd 4A, Russian Federation; 607210 Nizhny Novgorod Oblast, Chernukha, Azamassky District, Zavodskaya Str., 19, Russian Federation</p> <p>Telephone: +7 (495) 465-86-66; +7 (495) 465-86-80</p> <p>Website: http://istokmw.ru</p> <p>Email: info@istokmw.ru</p> <p>Registration number: 5050108496 (Tax ID/INN)</p>	15.3.2022
88.	<p>NTC Metrotek</p> <p>Local name: Общество с Ограниченной Ответственностью «Научно-Технический Центр Метротек» (ООО «НТЦ Метротек»)</p> <p>A.k.a: Metrotek Inzhiniring; ООО Nauchno- Tekhnicheskii Tsentr Metrotek; NTTs Metrotek; Metrotek Science and Technology Center</p>	<p>Address(es): 127322, Moscow, Yablochka Str., 21, Building 3, Russian Federation; 197341, St. Petersburg, Kolomyazhsky Prospekt, 27, Floor 4, Russian Federation</p> <p>Telephone: +7 (495) 616-10-01</p> <p>Website: http://metrotek.ru/</p> <p>Email: Info@metrotek.ru</p> <p>Registration number: 9715250083 (Tax ID/INN)</p>	15.3.2022
89.	<p>ОАО GosNIIKhimanalit</p> <p>Local name: Акционерное Общество «Государственный Научно-Исследовательский Химико-Аналитический Институт» (АО «ГосНИИХимАналит»)</p> <p>A.k.a: State Research Chemical-Analytical Institute; HIMANALIT</p>	<p>Address(es): 190020, St. Petersburg, Bumazhnaya Str., 17, Russian Federation</p> <p>Telephone: +7 (812) 786-61-59</p> <p>Website: https://himanalit.ru/</p> <p>Email: himanalit@mail.ru; mail@himanalit.ru</p> <p>Registration number: 7839332218 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
90.	<p>OAO Svetlovskoye Predpriyatiye Era</p> <p>Local name: Акционерное Общество «Светловское Предприятие «Эра» (АО «СП «Эра»)</p> <p>A.k.a: AO SP Era; Svetlovsky Enterprise ERA</p>	<p>Address(es): 238340, Kaliningrad Oblast, Svetly, Lizy Chaikinoy Str., 1, Russian Federation</p> <p>Telephone: +7 (40152) 2-22-46; +7 (4012) 60-76-50; 8 (40152) 3- 52-46</p> <p>Website: http://erasvetly.ru; https://www.aosk.ru/companies/oao-svetlovskoe-predpriyatie-era/</p> <p>Email: office@spera.ru</p> <p>Registration number: 3913007731 (Tax ID/INN)</p>	15.3.2022
91.	<p>OJSC TSTRY</p> <p>Local name: Открытое Акционерное Общество «Туапсинский Судоремонтный Завод» (ОАО «Туапсинский Судоремонтный Завод»); Акционерное Общество «Туапсинский Морской Торговый Порт» (АО «ТМТП»)</p> <p>A.k.a: OJSC Tuapse Ship Repair Plant; OJSC Tuapse Shipyard; JSC Tuapse Sea Commercial Port; OA TMTP</p>	<p>Address(es): 352800, Krasnodar Krai, Tuapse Maksima Gorkogo Str., 11; 352800, Krasnodar Krai, Tuapse, Morskoy Boulevard Str., 2, Russian Federation</p> <p>Telephone: +7 (86167) 2-38-15; +7 (86167) 7-10-88</p> <p>Website: http://www.tsrz.tntp.ru/; https://www.tntp.ru; https://port.one/tntp/</p> <p>Email: tsry@tuapse.ru</p> <p>Registration number: 2322001997 (Tax ID/INN)</p>	15.3.2022
92.	<p>ООО Elkomtekh (Elkomtex)</p> <p>Local name: Общество с Ограниченной Ответственностью «Элкомтех» (ООО «Элкомтех»)</p>	<p>Address(es): 197229, St. Petersburg, Lakhta, Lakhtinsky Prospekt, 54, Russian Federation; 198095, St. Peterburg, Shkapina Str., 32- 34, Letter A, Russian Federation</p> <p>Telephone: +7 (901) 305-48-30</p> <p>Registration number: 7839489650 (Tax ID/INN)</p>	15.3.2022
93.	<p>ООО Planar</p> <p>Local name: Общество с Ограниченной Ответственностью «Планар» (ООО «Планар»)</p> <p>A.k.a: Planar Elements; The Planar Company</p>	<p>Address(es): 426034, Udmurt Republic, Izhevsk, Bazisnaya Str., 19, Russian Federation; 426034, Udmurt Republic, Izhevsk, Likhvintseva Str., 76, Office 1, Russian Federation; 426034, Udmurt Republic, Izhevsk, 8th Marta Str., 16, Russian Federation; 115093, Moscow, Partiyny Pereulok, 1, Building 58, Building 2, Office 23, Russian Federation</p> <p>Telephone: +7 (3412) 48-78-46; +7 (3412) 76-23-02; +7 (3412) 95-69-69</p> <p>Website: http://planar-elements.ru/</p> <p>Email: info@planar-elements.ru</p> <p>Registration number: 1833015934 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
94.	<p>OOO Sertal</p> <p>Local name: Общество с Ограниченной Ответственностью «Сертал» (ООО «Сертал»)</p> <p>A.k.a: Sertal LLC</p>	<p>Address(es): 127322, Moscow, Yablochkova Str., 21, Building 3, Floor 3, Premises VIII, Room 1I, Russian Federation; 109369, Moscow, Novocherkassky Boulevard, 47, Russian Federation; 117105, Moscow, Donskoy Municipal District, Varshavskoe Shosse, 1A, Russian Federation; 119333, Moscow, P.O. Box 364, Russian Federation</p> <p>Telephone: +7 (495) 124-98-29; +7 495 133 72 47; +7 (495) 204 10 92; +7 495 932-92-40</p> <p>Website: http://sertal.ru</p> <p>Email: info@sertal.ru</p> <p>Registration number: 9715216050 (Tax ID/INN)</p>	15.3.2022
95.	<p>Photon Pro LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Фотон ПРО» (ООО «Фотон ПРО»)</p> <p>A.k.a: ООО Foton PRO</p>	<p>Address(es): 430034, Mordovia Republic, Saransk, Lodygina Str., 3, Main Building, Floor 2, Premises 206, Russian Federation; 430032, Mordovia Republic, Saransk, R. Luxembourg Str., 11, Russian Federation</p> <p>Telephone: +7 (8342) 33-35-08; +7 (917) 074-39-62; +7 (962) 927-47-31; +7 8342 33-35-03</p> <p>Website: https://photon.pro/</p> <p>Email: info@photon.pro</p> <p>Registration number: 1327025929 (Tax ID/INN)</p>	15.3.2022
96.	<p>PJSC Zvezda</p> <p>Local name: Публичное Акционерное Общество «Звезда» (ПАО «Звезда»)</p>	<p>Address(es): 192012, St. Petersburg, Babushkina Str., 123, Russian Federation</p> <p>Telephone: +7 (812) 703-00-70; +7 (812) 703-00-74; +7 (812) 362-07-47</p> <p>Website: http://www.zvezda.spb.ru/</p> <p>Email: office@zvezda.spb.ru</p> <p>Registration number: 7811038760 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
97.	<p>Amur Shipbuilding Factory PJSC</p> <p>Local name: Публичное Акционерное Общество «Амурский судостроительный завод» (ПАО «АСЗ»)</p> <p>A.k.a: PAO Amurskiy Sudostroitelnyy Zavod, PJSC ASZ; Amursky Shipbuilding Plant PJSC</p>	<p>Address(es): 681000, Khabarovsk Krai, Komsomolsk-on-Amur, Alleya Truda Str.,1, Russian Federation; 115184, Moscow, Bolshaya Tatarskaya Str., 2, Russian Federation</p> <p>Telephone: +7 (4217) 57-34-83; +7(914) 427-7778; +7(4217) 59- 11-12; +7 (495) 959-49-97</p> <p>Website: https://amurshipyard.ru</p> <p>Email: vostok@amurshipyard.ru; email@amurshipyard.ru</p> <p>Registration number: 2703000015 (Tax ID/INN)</p>	15.3.2022
98.	<p>AO Center of Shipbuilding and Ship Repairing JSC</p> <p>Local name: Акционерное Общество «Центр Технологии Судостроения и Судоремонта» (АО «ЦТСС»)</p> <p>A.k.a: AO Tsentr Tekhnologii Sudostroyeniya i Sudoremonta; AO TsSS; Joint Stock Corporation Shipbuilding and Ship Repair Technology Center; JSC “SSTC”</p>	<p>Address(es): 198095, St.Petersburg, Promyshlennaya Str., 7, Russian Federation</p> <p>Telephone: +7 (812)786-19-10</p> <p>Website: http://sstc.spb.ru/</p> <p>Email: inbox@sstc.spb.ru</p> <p>Registration number: 7805482938</p>	15.3.2022
99.	<p>AO Kronshtadt</p> <p>Local name: Акционерное Общество «Кронштадт» (АО «Кронштадт»)</p> <p>A.k.a: Kronshtadt Group, Kronde Group, ZAO Kronshtadt, Kronshtadt</p>	<p>Address(es): 192019, St.Petersburg, Obuchovskoy Oborony Prospekt, 21/2, Russian Federation; 123060, Moscow, Shukino Municipal District, Proezd 1st Volokolamskiy, 10, Building 1, “Diapazon” Business Centre, Russian Federation; 199178, St. Petersburg, Maly Prospekt V.O., 54, Building 4, Letter P, Russian Federation; 141983, Moscow Oblast, Dubna, Zhukovskogo Str., 2, Russian Federation</p> <p>Telephone: +7 (812) 325-31-31; +7 (495) 748-35-77; +7 (812) 449-90-90</p> <p>Website: https://kronshtadt.ru/</p> <p>Email: uav@kronshtadt.ru; group@kronshtadt.ru; office@kronshtadt.ru</p> <p>Registration number: 7808035536 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
100.	<p>Avant Space LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Авант - Спэйс» (ООО «Авант - Спэйс»)</p> <p>A.k.a: Avant Space Systems, Avant Space Propulsion Systems, ООО Avant-Spejs</p>	<p>Address(es): 121205, Moscow, Skolkovo Innovation Center, Bolshoi Boulevard, 42, Building 1, Floor 4, Room 1434, 1431, Russian Federation; 123112, Moscow, Presnensky Municipal District, Presnenskaya Embankment, 12, Russian Federation; 117335, Moscow, Garibaldi Str., 15, Building 1, Russian Federation; 143026, Moscow, Skolkovo Innovation Center Lugovaya Str., Building 4/7, Russian Federation</p> <p>Telephone: +7 (499) 994-95-05; +7 (495) 660-83-65</p> <p>Website: https://avantspace.com/</p> <p>Email: info@avantspace.com</p> <p>Registration number: 7706772795 (Tax ID/INN)</p>	15.3.2022
101.	<p>Production Association Strela</p> <p>Local name: Акционерное Общество «Производственное Объединение «Стрела» (АО «ПО «Стрела»)</p> <p>A.k.a: JSC “PA “STRELA”; Strela Manufacturing Association JSC; AO Proizvodstvennoye Obyedineniye Strela</p>	<p>Address(es): 460005, Orenburg Oblast, Orenburg, Shevchenko Str., 26, Russian Federation</p> <p>Website: http://www.pa-strela.com; https://orgstrela.ru/</p> <p>Telephone: +7 (3532) 75-71-00; +7 (3532) 75-51-22</p> <p>Email: mail@pa-strela.com; dep158@pa-strela.com; infopos@orgstrela.ru</p> <p>Registration number: 5609061432 (Tax ID/INN)</p>	15.3.2022
102.	<p>Radioavtomatika</p> <p>Local name: Общество с Ограниченной Ответственностью «Радиоавтоматика» (ООО «Радиоавтоматика»)</p> <p>A.k.a: Testprecision LLC; Radioautomatic LLC</p>	<p>Address(es): 119602, Moscow, Municipal District Troparevo- Nikulino, Akademika Anokhina Str., 2, Building 7, Russian Federation; 101033, Moscow, Zolotorozhsky Val Str., 11, Building 22, Russian Federation; 197198, St. Petersburg, Maly Prospekt P.S., 5 Letter B, Russian Federation; 600007, Vladimir Oblast, Vladimir, Severnaya Str., 2a, Russian Federation; 143966, Moscow Oblast, Reutov, Gagarina Str., 3, Building 78, Russian Federation; 142100, Moscow Oblast, Podolsk, Komsomolskaya Str., 1, Russian Federation</p> <p>Telephone: +7 (495) 286-99-99; +7 (495) 109-00-22; +7 (812) 209-10-00; +7 (495) 109-10-33</p> <p>Website: https://radioautomatic.ru/</p> <p>Email: info@radioautomatic.ru</p> <p>Registration number: 7725824287 (Tax ID/INN)</p>	15.3.2022

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103.	<p>Research Center Module</p> <p>Local name: Акционерное Общество Научно- Технический Центр «Модуль» (АО НТЦ «Модуль»)</p> <p>A.k.a: NTTs Science and Technology Research Center Module; JSC STC Module; AO NTTs “Modul”; RC Module</p>	<p>Address(es): 125167, Moscow, 4th 8 Marta Str., 3, Russian Federation; 125190, Moscow, P.O. Box 166, Russian Federation</p> <p>Telephone: +7 (495) 531-30-80</p> <p>Website: http://module.ru</p> <p>Email: info@module.ru</p> <p>Registration number: 7714009178 (Tax ID/INN)</p>	15.3.2022
104.	<p>Robin Trade Limited</p> <p>Local name: Общество с Ограниченной Ответственностью «Робин Трейд» (ООО «Робин Трейд»)</p> <p>A.k.a: ООО Robin Treid; Robin Trade LLC</p>	<p>Address(es): 127322, Moscow, Yablochkova Str., 21, Building 3, Premises VIII, Russian Federation</p> <p>Website: https://robin-trade.ru/</p> <p>Email: a.zibyrov@robin-trade.ru</p> <p>Registration number: 9715259583 (Tax ID/INN)</p>	15.3.2022
105.	<p>R.Ye. Alekseyev Central Design Bureau for Hydrofoil Ships</p> <p>Local name: Акционерное Общество «Центральное Конструкторское Бюро по Судам на Подводных Крыльях имени Р. Е. Алексеева» (АО «ЦКБ ПО СПК им. Р. Е. Алексеева»)</p> <p>A.k.a: OA Tsentralnoye Konstruktorskoye Byuro po Sudam na Podvodnykh Krylyakh imeni R.E. Alekseyeva; JSC Alexeev’s Hydrofoil Design Bureau; R.E. Alekseev Central Hydrofoil Design Bureau; TsKB PO SPK named after R. E. Alekseev</p>	<p>Address(es): 603003, Nizhny Novgorod Oblast, Nizhny Novgorod, Svobody Str., 51, Russian Federation; 606549, Nizhny Novgorod Oblast, Chkalovsky District, Kuznetsovo Village, Alekseev Str., 5, Russian Federation; 192286, St. Petersburg, Alpinskiy Pereulok, 29, Russian Federation</p> <p>Telephone: +7 (831) 229-14-90; +7 (831) 273-02-48; +7 (812) 331-63-56; +7 (831) 437-17-64</p> <p>Website: http://ckbspk.ru/</p> <p>Email: alekseev@ckbspk.ru</p> <p>Registration number: 5263001420 (Tax ID/INN)</p>	15.3.2022
106.	<p>Rubin Sever Design Bureau</p> <p>Local name: Акционерное Общество «Конструкторское Бюро «Рубин-Север» (АО «КБ «Рубин-Север»)</p> <p>A.k.a: Rubin Sever AO; Konstruktorskoye Byuro Rubin-Sever, PAO; Aktsionernoe Obshchestvo “Konstruktorskoye Byuro “Rubin-Sever”; JSC KB Rubin-Sever</p>	<p>Address(es): 164500, Archangelsk Oblast, Severodvinsk, Archangelskoe Shosse, 58, Russian Federation</p> <p>Telephone: +7 (8184) 58-57-08</p> <p>Website: http://rubin-sever.ru</p> <p>Email: rubin-north@yandex.ru</p> <p>Registration number: 2902046014 (Tax ID/INN)</p>	15.3.2022

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107.	<p>Russian Space Systems</p> <p>Local name: Акционерное Общество «Российская Корпорация Ракетно-Космического Приборостроения и Информационных Систем» (АО «Российские Космические Системы»)</p> <p>A.k.a: RKS; Joint Stock Company Russian Corporation of Rocket and Space Instrumentation and Information Systems; RSS</p>	<p>Address(es): 111250, Moscow, Aviamotornaya Str., 53, Russian Federation; 127490, Moscow, Dekabristov Str., 51, Russian Federation; 676470, Amur Oblast, Tsiolkovsky, Sosnovaya Str., 222, Russian Federation</p> <p>Telephone: +7 (495) 673-93-20, +7 (495) 509-12-01; +7 495 673 9430</p> <p>Website: https://russianspacesystems.ru/</p> <p>Email: contact@spacecorp.ru</p> <p>Registration number: 7722698789 (Tax ID/INN)</p>	15.3.2022
108.	<p>Rybinsk Shipyard Engineering</p> <p>Local name: Общество с Ограниченной Ответственностью «Рыбинская Верфь» (ООО «РВ»)</p> <p>A.k.a: Rybinsk Shipyard; ООО Rybinskaya Verf; ООО “RV”</p>	<p>Address(es): 152978, Yaroslavl Oblast, Rybinsk District, Sudoverf, Sudostroitel'naya Str.,1A, Russian Federation Telephone: +7 (4855) 29-56-77; +7 (4855) 29-56-78; +7 (495) 744-03-72</p> <p>Website: https://kalashnikovgroup.ru/catalog/sudostroenie/rybinskaya-verf/ http://rybinskshipyard.ru/</p> <p>Email: office@rybinskshipyard.ru</p> <p>Registration number: 7610128727 (Tax ID/INN)</p>	15.3.2022
109.	<p>Scientific Research Institute of Applied Chemistry</p> <p>Local name: Акционерное Общество «Федеральный Научно-Производственный Центр «Научно-Исследовательский Институт Прикладной Химии» (АО «ФНПЦ «НИИ Прикладной Химии»)</p> <p>A.k.a: Federal Research and Production Center Research Institute of Applied Chemistry; НИРН; АО FNPTs NII Prikladnoy Khimii; JSC FNPC Research Institute of Applied Chemistry</p>	<p>Address(es): 141300, Moscow Oblast, Sergiev Posad, Akademika Silina Str., 3, Russian Federation</p> <p>Telephone: +7 (495) 632-78-79; +7 (495) 975-21-70; +7 (496) 548-69-08</p> <p>Website: https://niiph.ru/</p> <p>Email: niiph@niiph.ru</p> <p>Registration number: 5042120394 (Tax ID/INN)</p>	15.3.2022

Number	Name	Identifying Information	Date of listing
110.	<p>Scientific-Research Institute of Electronics</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Электронной Техники» (АО «НИИЭТ»)</p> <p>A.k.a: AO Scientific Research Institute of Electronics; НИИЭТ; AO Scientific Research Institute of Electronic Technology; Joint Stock Company Institute for Scientific Research Elektronnoy Tekhniki</p>	<p>Address(es): 394033, Voronezh Oblast, Voronezh, Starykh Bolshevikov Str., 5, Russian Federation; 141008, Moscow, Mytishi, Kollakova Str., 24A (Business Centre “Artium”), Russian Federation; 394042, Voronezh Oblast, Voronezh, Leninsky Prospekt, 119A, Russian Federation</p> <p>Telephone: +7 (473) 226-20-35; +7 (473) 226-97-68; +7 (473) 280-22-94</p> <p>Website: https://niiet.ru/</p> <p>Email: niiet@niiet.ru</p> <p>Registration number: 3661057900 (Tax ID/INN)</p>	15.3.2022
111.	<p>Scientific Research Institute of Hypersonic Systems</p> <p>Local name: «Научно-Исследовательское Предприятие Гиперзвуковых Систем» (ОАО «НИПГС»)</p> <p>A.k.a: OJSC Scientific Research Enterprise Hypersonic Systems; Hypersonic Systems Research Institute; ОАО NIPGS; HSRI; Hypersonic Systems Research Institute of “Leninets” Holding Company</p>	<p>Address(es): 196066, St. Petersburg, Moskovsky Prospekt, 212, Russian Federation</p> <p>Telephone: +7 (812) 371-98-67, +7 (812) 371-01-54</p> <p>Website: http://www.hypersonics.ru/</p> <p>Email: nipgs@inbox.ru; mail@hypersonics.ru</p> <p>Registration number: 7810224530 (Tax ID/INN)</p>	15.3.2022
112.	<p>Scientific Research Institute NII Submikron</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт «Субмикрон» (АО «НИИ «Субмикрон»)</p> <p>A.k.a: Submicron; AO NII Submikron</p>	<p>Address(es): 124460, Moscow, Zelenograd, Georgievsky Prospekt, 5, Building 2, Floor 4, Premises I, Room 50, Russian Federation</p> <p>Telephone: +7 (499) 731-89-31</p> <p>Website: http://submicron.ru</p> <p>Email: submicron@se.zgrad.ru</p> <p>Registration number: 7735574607 (Tax ID/INN)</p>	15.3.2022
113.	<p>Sergey IONOV</p> <p>Local name: Сергей Ионов</p>	<p>Address(es): 198095, St. Petersburg, Marshala Govorova Str., 40, Letter A, Office 34, Russian Federation</p>	15.3.2022

Number	Name	Identifying Information	Date of listing
114.	<p>Serniya Engineering</p> <p>Local name: Общество с Ограниченной Ответственностью «Серния Инжиниринг» (ООО «Серния Инжиниринг»)</p> <p>A.k.a: Sernia Engineering</p>	<p>Address(es): 117292, Moscow, Vavilova Str., 57A, Floor 2, Premises 211, Room 211-3, Russian Federation; 127322, Moscow, Ogorodnyy Proezd, 27, Floor 6, Office 8, Russian Federation; 603093, Nizhny Novgorod Oblast, Nizhny Novgorod, Rodionova Str., 167B, Russian Federation; 196084, St. Petersburg, Ligovsky Prospekt, 270, Section B, Office 2201, Russian Federation; Sverdlovsk Oblast, Yekaterinburg, Sibirskiy Tract, 1A, Russian Federation</p> <p>Telephone: +7 (905) 718-93-71; +7 (812) 509 20 91; +7 (495) 204 13 17; +8 (800) 301 13 17</p> <p>Website: https://sernia.ru/</p> <p>Email: office@sernia.ru</p> <p>Registration number: 9715292478 (Tax ID/INN)</p>	15.3.2022
115.	<p>Ship Maintenance Center Zvezdochka</p> <p>Local name: Акционерное Общество «Центр Судоремонта «Звёздочка» (АО «ЦС «Звёздочка»)</p> <p>A.k.a: JSC Ship Repair Center “Zvezdochka”; Zvezdochka Shipyard; АО TsS Zvyozdochka; JSC Center Sudoremonta Zvezdochka; JSC SC “Zvyozdochka”</p>	<p>Address(es): 164509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley, 12, Russian Federation</p> <p>Telephone: +7 (8184) 59-63-09, +7 (8184) 59-63-67, +7 (8184) 27-02-97; +7 (8184) 59-66-29</p> <p>Website: https://www.star.ru/</p> <p>Email: info@star.ru</p> <p>Registration number: 2902060361 (Tax ID/INN)</p>	15.3.2022
116.	<p>State Governmental Scientific Testing Area of Aircraft Systems (GkNIPAS)</p> <p>Local name: Федеральное Казенное Предприятие «Государственный Казенный Научно- Испытательный Полигон Авиационных Систем имени Л. К. Сафронова» (ФКП «ГКНИПАС имени Л. К. Сафронова»)</p> <p>A.k.a: Federal State Enterprise State Research and Testing Ground for Aviation Systems named after L. K. Safronov</p>	<p>Address(es): 140250, Moscow Oblast, Voskresensk District, Beloozersky, Russian Federation</p> <p>Telephone: +7 (495) 556-07-09; +7 (495) 556-07-40</p> <p>Website: http://www.fkpgknpas.ru/</p> <p>Email: info@gknipas.ru</p> <p>Registration number: 5005020218 (Tax ID/INN)</p>	15.3.2022

Number	Name	Identifying Information	Date of listing
117.	<p>State Machine Building Design Bureau Raduga Bereznya</p> <p>Local name: Акционерное Общество «Государственное Машиностроительное Конструкторское Бюро «Радуга» имени А.Я. Березняка» (АО «ГосМКБ «Радуга» им. А.Я. Березняка»)</p> <p>A.k.a: JSC State Machine-Building Design Bureau Raduga named after A.Ya. Bereznyak; AO “GosМКБ “Raduga” IM. A.Ya.Bereznyaka”; Joint Stock Company “State Machine-Building Design Bureau “Raduga”; МКБ Raduga; GosМКБ “Rainbow” named after A. Ya. Bereznyak</p>	<p>Address(es): 141980, Moscow Oblast, Dubna, Zhukovskogo Str., 2A, Russian Federation</p> <p>Telephone: +7 (49621) 2-46-47; +7(495) 777-07-20</p> <p>Website: https://ktrv.ru/about/structure/raduga.html</p> <p>Email: raduga@dubna.ru</p> <p>Registration number: 5010031470 (Tax ID/INN)</p>	15.3.2022
118.	<p>State Scientific Center AO GNTs RF—FEI A.I. Leypunskiy Physico-Energy Institute</p> <p>Local name: Акционерное Общество «Государственный Научный Центр Российской Федерации - Физико - Энергетический Институт имени А. И. Лейпунского» (АО «ГНЦ РФ – ФЭИ»)</p> <p>A.k.a: Leypunsky Institute of Physics and Power Engineering; IPPE; Joint Stock Company “State Scientific Centre of the Russian Federation - Leipunsky Institute of Physics and Energy”; AO GNTs RF – FEI</p>	<p>Address(es): 249033, Kaluga Oblast, Obninsk, Bondarenko Square, 1, Russian Federation</p> <p>Telephone: +7 (48439) 9-82-49; +7 (484) 399-89-61</p> <p>Website: http://ippe.ru</p> <p>Email: postboxes@ippe.ru</p> <p>Registration number: 4025442583 (Tax ID/INN)</p>	15.3.2022
119.	<p>State Scientific Research Institute of Machine Building Bakhirev (GosNIImash)</p> <p>Local name: Акционерное Общество «Государственный Научно-Исследовательский Институт Машиностроения им. В.В. Бахирева» (АО «ГосНИИМаш»)</p> <p>A.k.a: State Scientific Research Institute of Machine Building Bakhirev (GosNIImash); JSC “State Scientific Research Institute of Mechanical Engineering named after V.V. Bakhirev”</p>	<p>Address(es): 606002, Nizhny Novgorod Oblast, Dzerzhinsk, Sverdlova Prospekt, 11 A, Russian Federation</p> <p>Telephone: +7 (8313) 36-70-00, +7 (831) 324-90-00</p> <p>Website: http://www.gosniimash.ru/</p> <p>Email: niimash@mts-nn.ru</p> <p>Registration number: 5249093130 (Tax ID/INN)</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
120.	<p>Tomsk Microwave and Photonic Integrated Circuits and Modules Collective Design Center</p> <p>Local name: Общество с Ограниченной Ответственностью «ТУСУР-Электроника» (ООО «ТУСУР-Электроника»)</p> <p>A.k.a: TUSUR-Electronica Research Company; TUSUR-Electronics LLC</p>	<p>Address(es): 634045, Tomsk Oblast, Tomsk, 19 Gvardeyskoy Divizii Str., 15, Apartment 64, Russian Federation; 634045, Tomsk Oblast; Tomsk, Krasnoarmeyskaya Str., 147, Office 101, Russian Federation</p> <p>Telephone: +7 (3822) 41-32-29</p> <p>Website: https://engineers.tusur.ru/laboratories/collective-design; https://tusur.ru/ru/nauka-i-innovatsii/innovatsionnaya-deyatelnost/malye-innovatsionnye-predpriyatiya-s-uchastiem-tusura#ooo_tusur_elektronika</p> <p>Email: leonid.babak@mail.ru</p> <p>Registration number: 7017255070 (Tax ID/INN)</p>	15.3.2022
121.	<p>UAB Pella-Fjord</p> <p>Local name: Закрытое Акционерное Общество «Пелла-Фиорд» (ЗАО «Пелла-Фиорд»)</p> <p>A.k.a: Pella-Fjord CJSC; Pella-Fiord Shipbuilding Company</p>	<p>Address(es): 187330, Leningrad Oblast, Kirovsky District, Otradnoe, Tsentralnaya Str., 4, Russian Federation</p> <p>Telephone: +7 (81362) 4-30-07; +7 (812) 380-40-91</p> <p>Website: https://pellafiord.ru/</p> <p>Email: p-fiord@mail.ru; info@pellafiord.ru; pellafiord@mail.ru</p> <p>Registration number: 4706000313 (Tax ID/INN)</p>	15.3.2022
122.	<p>United Shipbuilding Corporation JSC “35th Shipyard”</p> <p>Local name: Филиал «35 Судоремонтный Завод» – Акционерное Общество «Центр Судоремонта «Звёздочка» (ФЛ «35 СРЗ» – АО «ЦС «Звёздочка»)</p> <p>A.k.a: SRZ-35; Branch “35 SRZ” – Joint Stock Company “Ship Repair Center Zvyozdochka”; 35-y SRZ; 35th Ship Repair Plant</p>	<p>Address(es): 183017, Murmansk Oblast, Murmansk, Admiral Lobov Str., 100, Russian Federation; 164509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley, 12, Russian Federation</p> <p>Telephone: +7 (8152) 22-19-18; +7 (8152) 221-942</p> <p>Website: https://35srz.ru/; https://www.star.ru/Filiali/35-y-SRZ</p> <p>Email: info@35srz.ru</p>	15.3.2022

Number	Name	Identifying Information	Date of listing
123.	United Shipbuilding Corporation JSC "Astrakhan Shipyard" Local name: Филиал «Астраханский Судоремонтный Завод» – Акционерное Общество «Центр Судоремонта «Звёздочка» (ФЛ «Астраханский Судоремонтный Завод» – АО «ЦС «Звёздочка») A.k.a: Astrahansky Shipyard; Astrahanskiy SRZ; Astrakhan Ship Repair Plant; Branch "Astrahansky Sudoremontny Zavod" – Joint Stock Company "Ship Repair Center "Zvyozdochka"	Address(es): 414009, Astrakhan Oblast, Astrakhan, Atarbekova Str., 37, Russian Federation; 164509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley, 12, Russian Federation Telephone: +8 (8512) 27-00-88 Website: https://www.star.ru/Filiali/Astrahanskiy-SRZ Email: aoasrz@mail.ru	15.3.2022
124.	United Shipbuilding Corporation JSC "Aysberg Central Design Bureau" Local name: Акционерное Общество «Центральное Конструкторское Бюро «Айсберг» (АО «ЦКБ «Айсберг») A.k.a: Iceberg Central Design Bureau; AO TsKB Aysberg	Address(es): 199034, St. Petersburg, V.O., Bolshoy Prospekt, 36, Russian Federation Telephone: +7 (812) 677-36-09; +7 (812) 677-12-31 Website: https://iceberg.org.ru/ Email: main@iceberg.sp.ru Registration number: 7801005606 (Tax ID/INN)	15.3.2022
125.	United Shipbuilding Corporation JSC "Baltic Shipbuilding Factory" Local name: Акционерное Общество «Балтийский Завод» (АО «Балтийский Завод») A.k.a: JSC Baltiski Zavod; Baltic Shipyard, JSC	Address(es): 199106, St. Petersburg, Kosaya Liniya Str., 16, Russian Federation Telephone: +8 (812) 324-94-35; +8 (812) 324-93-70 Website: https://www.bz.ru/ Email: zavod@bz.ru Registration number: 7830001910 (Tax ID/INN)	15.3.2022
126.	United Shipbuilding Corporation "Scientific Research Design Technological Bureau Onega" Local name: Акционерное Общество «Научно- Исследовательское Проектно-Технологическое Бюро «Онега» (АО «НИПТБ «Онега») A.k.a: Nauchno-Issledovatel'skoe Proektno- Teknologicheskoe Byuro Onega PJSC; SC NIPTB Onega	Address(es): 164509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley., 12, Russian Federation Telephone: +7 (8184) 52-55-52; +7 (8184) 59-65-41; +7(8184) 50-30-38 Website: http://onegastar.ru/ Email: niptb@onegastar.ru Registration number: 2902057961 (Tax ID/INN)	15.3.2022

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Number	Name	Identifying Information	Date of listing
127.	<p>United Shipbuilding Corporation “Sredne-Nevisky Shipyard”</p> <p>Local name: Акционерное Общество «Средне- Невский Судостроительный Завод» (АО «СНСЗ»)</p> <p>A.k.a: JSC SNSZ; Aktcionernoe Obshestvo “Sredne- Nevisky Sudostroyelny Plant”; Middle Neva Shipbuilding Plant; Federal State Unitary Enterprise “Sredne-Nevisky Shipbuilding Plant”</p>	<p>Address(es): 196643, St. Petersburg, Pontonny, Zavodskaya Str., 10, Russian Federation</p> <p>Telephone: +7 (812) 462-75-35; +7 (812) 648-30-50; +7 (812) 648-30-51</p> <p>Website: http://snsz.ru</p> <p>Email: office@snsz.ru</p> <p>Registration number: 7817315385 (Tax ID/INN)</p>	15.3.2022
128.	<p>Ural Scientific Research Institute for Composite Materials</p> <p>Local name: Акционерное Общество «Уральский Научно-Исследовательский Институт Композиционных Материалов» (АО «УНИИКМ»)</p> <p>A.k.a: UNIIKM; JSC “Ural Research Institute of Composite Materials”</p>	<p>Address(es): 614014, Perm Krai, Perm, Novozvyaginskaya Str., 57, Russian Federation</p> <p>Telephone: +7 (342) 267-07-68; +7 (342) 263-16-00</p> <p>Website: http://www.uniikm.ru/</p> <p>Email: uniikm@yandex.ru</p> <p>Registration number: 5906092190 (Tax ID/INN)</p>	15.3.2022
129.	<p>Urals Project Design Bureau Detal</p> <p>Local name: Акционерное Общество «Уральское Проектно-Конструкторское Бюро «Деталь» (АО «УПКБ «Деталь»)</p> <p>A.k.a: Joint-Stock Company Ural Design Bureau “Detal”; JSC Ural Design and Construction Bureau “Detal”; Aktcionernoe Obschestvo Uralskoe Proektno Konstruktorskoe Byuro “Detal”; АО UPKB “Detal”</p>	<p>Address(es): 623409, Sverdlovsk Oblast, Kamensk-Uralski, Pionerskaya Str., 8, Russian Federation</p> <p>Telephone: +7 (3439) 37-58-50; +7 (3439) 37-58-61</p> <p>Website: https://upkb.ru/</p> <p>Email: upkb@upkb.ru</p> <p>Registration number: 6612011546 (Tax ID/INN)</p>	15.3.2022
130.	<p>Vega Pilot Plant</p> <p>Local name: «Опытный Завод «Вега» – Филиал Акционерного Общества «Центр Судоремонта «Звездочка» («ОЗ «Вега» – Филиал АО «ЦС «Звездочка»)</p> <p>A.k.a: Experimental Plant Vega – Branch of Joint Stock Company Zvezdochka Ship Repair Centre; OZ Vega – Filial AO TSS Zvezdochka; Experimental Plant Vega</p>	<p>Address(es): 249010, Kaluga Oblast, Borovsk, Lenina Str., 73, Russian Federation; 165509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley, 12, Russian Federation</p> <p>Telephone: + 8 (48438) 4-18-96</p> <p>Website: https://www.star.ru/Filiali/OZ-Vega</p> <p>Email: vega@borovsk.ru</p>	15.3.2022

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Number	Name	Identifying Information	Date of listing
131.	Vertikal LLC Local name: Общество с Ограниченной Ответственностью «Вертикаль» (ООО «Вертикаль») A.k.a: ООО “Vertikal”	Address(es): 196006, St. Petersburg, Moskovskaya Zastava Municipal District, Moskovsky Prospekt, 148, Letter D, Premises 8, Russian Federation Telephone: +7 (812) 425-38-85 Website: http://vertical-e.ru/ Email: info@vertical-e.ru Registration number: 7840410492 (Tax ID/INN)	15.3.2022
132.	Vladislav Vladimirovich Fedorenko Local name: Федоренко Владислав Владимирович	Address(es): 191014, St. Petersburg, Artilleriyskaya Str., 1, Letter A, Premises 26-N, Russian Federation Registration number: 781706521543 (Tax ID/INN)	15.3.2022
133.	VTK Ltd Local name: Общество с Ограниченной Ответственностью «Ваша Топливная Компания» (ООО «ВТК») A.k.a: Limited Liability Company “Your Fuel Company”, LLC “VTK”	Address(es): 192019, St. Petersburg, Professora Kachalova Str., 14, Letter A, Russian Federation; 198207, St. Petersburg, Tramvaynyy Prospekt, 12, Letter A, Russian Federation Telephone: +7 (812) 365-11-11 Website: http://dtoplivo.ru/ Email: MB@dtoplivo.ru Registration number: 7811550255 (Tax ID/INN)	15.3.2022
134.	Yaroslavl Shipbuilding Factory Local name: Публичное Акционерное Общество «Ярославский Судостроительный Завод» (ПАО «ЯСЗ») A.k.a: PAO Yaroslavskiy Sudostroitelnyy Zavod; PAO YaSZ; Yaroslavsky Shipyard	Address(es): 150006, Yaroslavl Oblast, Yaroslavl, Korabelnaya Str., 1, Russian Federation; 196084, St. Petersburg, Izmailovskoye Municipal District, Krasutskogo Str., 4b, Letter B, Russian Federation Telephone: +7 (4852) 27-72-73; +7 (4852) 27-72-48; +7 (4852) 46-52-41; +7 (4852) 28-88-88 Website: http://yarshipyard.ru/ Email: shipyard@yaroslavl.ru ; info@yarshipyard.com Registration number: 7601001080 (Tax ID/INN)	15.3.2022

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Number	Name	Identifying Information	Date of listing
135.	ZAO Elmiks-VS Local name: Закрытое Акционерное Общество «Элмикс-ВС» (ЗАО «Элмикс-ВС») A.k.a: CJSC Elmiks-VS	Address(es): 191014, St. Petersburg, Artilleriyskaya Str., 1, Letter A, Premises 26-N, Russian Federation Telephone: +8 (812) 332-69-92; +7 (812) 275-47-27; +7 (812) 252-62-82 Website: http://elmiks.com/ Registration number: 7841352941 (Tax ID/INN)	15.3.2022
136.	ZAO Sparta Local name: Акционерное Общество «Спарта» (АО «Спарта») A.k.a: AO Sparta	Address(es): 191028, St. Petersburg, Mokhovaya Str., 18, Letter A, Premises 7N, Russian Federation; 196084, St. Petersburg, Izmailovskoye Municipal District, Krasutskogo Str., 4b, Letter B, Russian Federation Telephone: +7 (812) 677-68-21 Website: https://www.sparta-components.ru/ Email: office@nio-sparta.ru Registration number: 7826138686 (Tax ID/INN)	15.3.2022
137.	ZAO Svyaz Inzhiniring Local name: Акционерное Общество «Связь Инжиниринг» (АО «Связь Инжиниринг») A.k.a: Svyaz Engineering	Address(es): 115404, Moscow, 6th Radialnaya Str., 9, Russian Federation; 127083, Moscow, 8 Marta Str., 10, Building 3, Russian Federation Telephone: +7 (910) 404-23-24; +7 (495) 544-21-90 Website: http://sipower.ru/ Email: info@sipower.ru Registration number: 7713159847 (Tax ID/INN)	15.3.2022
138.	46th TSNII Central Scientific Research Institute Local name: Федеральное Государственное Бюджетное Учреждение «46 Центральный Научно-Исследовательский Институт» Министерства Обороны Российской Федерации (ФГБУ «46 ЦНИИ» Минобороны России) A.k.a: 46 TsNII; 46 TsNII MO RF	Address(es): 129327, Moscow, Chukotskiy Proezd, 10, Russian Federation Telephone: +7 (495) 471-17-07; +7 (926) 353-24-55 Registration number: 7716567668 (Tax ID/INN)	3.6.2022

Number	Name	Identifying Information	Date of listing
139.	Alagir Resistor Factory Local name: Открытое Акционерное Общество «Алагирский Завод Сопротивлений» (ОАО «АЗС») A.k.a: Alagirsky Resistor Factory; OJSC "AZS"	Address(es): 363240, Republic of North Ossetia - Alania, Alagir, L. Tolstoy Str., 202, Russian Federation Telephone: +7 (86731) 2-22-25, +7 (928) 863-80-77 Website: http://alzas.ru/ Email: alzas@mail.ru Registration number: 1514010249 (Tax ID/INN)	3.6.2022
140.	All-Russian Research Institute of Optical and Physical Measurements Local name: Федеральное Государственное Бюджетное Учреждение «Всероссийский Научно- Исследовательский Институт Оптико- Физических Измерений» (ФГБУ «ВНИИОФИ») A.k.a: All-Russian Research Institute for Optical and Physical Measurements Federal State Budgetary Institution; FGBU VNIIOFI; FSUE VNIIOFI	Address(es): 119361, Moscow, Ozernaya Str., 46, 202, Russian Federation Telephone: +7 (495) 430-42-89 Website: https://www.vniiofi.ru/ Email: vniiofi@vniiofi.ru Registration number: 9729338933 (Tax ID/INN)	3.6.2022
141.	All-Russian Scientific-Research Institute Etalon JSC Local name: Акционерное Общество «Всероссийский Научно-Исследовательский Институт «Эталон» (АО «ВНИИ «Эталон») A.k.a: VNI Etalon JSC	Address(es): 125040, Moscow, 1st Yamskogo Polya Str., 19, Russian Federation Telephone: 8 (499) 251-37-71 Website: http://vnii-etalon.ru/ Email: info@vnii-etalon.ru Registration number: 7714613189 (Tax ID/INN)	3.6.2022
142.	Almaz, JSC Local name: Акционерное Общество «Алмаз» (АО «Алмаз») A.k.a: Almaz	Address(es): 344093, Rostov Oblast, Rostov-on-Don, Tupolev Str., 16, Russian Federation Telephone: +7 (863) 252-60-00 Website: http://almazrostov.ru/ Email: info@almazrostov.ru Registration number: 6166055693 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
143.	Arzam Scientific Production Enterprise Temp Avia Local name: Акционерное Общество «Арзамасское Научно-Производственное Предприятие «Темп-Авиа» (АО АНПП «Темп-Авиа») A.k.a: Temp-Avia Arzamas Research and Production Association JSC; OKB Temp; ANPP Temp-Avia	Address(es): 607220, Nizhny Novgorod Oblast, Arzamas, Kirov Str., 26, Russian Federation Telephone: +7 (83147) 7-83-86 Website: https://temp-avia.ru/ Email: ao@temp-avia.ru Registration number: 5243001887 (Tax ID/INN)	3.6.2022
144.	Automated Procurement System for State Defense Orders, LLC Local name: Общество с Ограниченной Ответственностью «Автоматизированная Система Торгов Государственного Оборонного Заказа» (ООО «АСТ ГОЗ») A.k.a: AST GOZ LLC	Address(es): 117393, Moscow, Profsoyuznaya Str., 78, Building 1, Russian Federation Telephone: +7 (495) 811-18-18 Website: http://www.astgoz.ru/ Email: info@astgoz.ru Registration number: 7728312865 (Tax ID/INN)	3.6.2022
145.	Dolgoprudniy Design Bureau of Automatics (DDBA JSC) Local name: Акционерное Общество «Долгопрудненское Конструкторское Бюро Автоматики» (АО «ДКБА») A.k.a: DKBA JSC; Dolgoprudno Design Bureau of Automation; Joint Stock Company "Dolgoprudnenskoe Design Bureau of Automatics"	Address(es): 141700, Moscow Oblast, Dolgoprudny, Letnaya Str., 1, Russian Federation Telephone: 8 (495) 408-75-11 Website: http://dkba.ru/ Email: dkba@dkba.ru Registration number: 5008058393 (Tax ID/INN)	3.6.2022
146.	Electronic Computing Technology Scientific- Research Center JSC Local name: Акционерное Общество «Научно - Исследовательский Центр Электронной Вычислительной Техники» (АО «НИЦЭВТ») A.k.a: NICEVEY; NICEVT	Address(es): 117587, Moscow, Varshavskoye Shosse, 125, Russian Federation Telephone: +7 (495) 319-17-90 Website: http://nicevt.ru/ Email: info@nicevt.ru Registration number: 7726019325 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
147.	Electrosignal, JSC Local name: Акционерное Общество «Электросигнал» (АО «Электросигнал»)	Address(es): 394026, Voronezh Oblast, Voronezh, Elektrosignalnaya Str., 1, Russian Federation Telephone: +7 (473) 246-10-51; +7 (473) 221-04-94 Website: http://elektrosignal.ru/ Email: electrosignal@pad.vsi.ru Registration number: 3650001159 (Tax ID/INN)	3.6.2022
148.	JSC Energiya Local name: Публичное Акционерное Общество «Энергия» (ПАО «Энергия») A.k.a: ПАО “Energiya”	Address(es): 399775, Lipetsk Oblast, Yelets, Elektrik Settlement, 1, Russian Federation jsc-energiya.com/ Telephone: +7 (47467) 4-02-17 Website: https://jsc-energiya.com/ Email: marketing@ao-energiya.ru Registration number: 4821000142 (Tax ID/INN)	3.6.2022
149.	Engineering Center Moselectronproekt Local name: Акционерное Общество «МосЭлектронПроект» (АО «МосЭП») A.k.a: Moselectronproekt (JSC); MosEP JSC	Address(es): 127299, Moscow, Kosmonavta Volkova Str., 12, Russian Federation Telephone: +7 (495) 225-15-22 Website: https://mosep.ru/ Email: info@mosep.ru Registration number: 7712008203 (Tax ID/INN)	3.6.2022
150.	Etalon Scientific and Production Association Local name: Общество с Ограниченной Ответственностью «Научно-Производственное Объединение «Эталон» (ООО «НПО «Эталон») A.k.a: NPO Etalon LLC	Address(es): 618740, Perm Krai, Dobryanka, Proezd Tsentralny, 3, Russian Federation Telephone: +7 (34265) 2-29-13; +7 (34265) 2-27-46; +7 (342) 294-39-45 Website: https://npoetalon.ru/ Email: info@npoetalon.ru Registration number: 5906078439 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
151.	Evgeny Krayushin Local name: Евгений Краюшин	Address(es): Moscow Oblast, Dmitrov, Zheleznodorozhniy Pereulok, 3, Building 41, Russian Federation; 117403, Moscow, Melitopolskaya Str., 9, Building 3, Russian Federation	3.6.2022
152.	Foreign Trade Association Mashpriborintorg Local name: Акционерное Общество «Внешнеэкономическое Объединение «Машприборинторг» (АО «ВО «Машприборинторг») A.k.a: FTA Mashpriborintorg JSC; Joint Stock Company “Foreign Economic Association “Mashpriborintorg”	Address(es): 105318, Moscow, Shcherbakovskaya Str., 3, Russian Federation; 105318, Moscow, Tkatskaya Str., 19, Russian Federation; 121108, Moscow, Fili-Davydkovo Municipal District, Ivana Franko Str., 4, Building 10, Russian Federation; 121059, Moscow, Ukrainsky Boulevard, 8, Building 1, Russian Federation Telephone: +7 (495) 974-83-50; +7 (499) 110-49-76 Website: http://mashpriborintorg.com/ Email: post@mashpriborintorg.com Registration number: 7719813840 (Tax ID/INN)	3.6.2022
153.	Ineko LLC Local name: Общество с Ограниченной Ответственностью «Инеко» (ООО «Инеко») A.k.a: OO Ineko	Address(es): 141800, Moscow Oblast, Dmitrov, Zheleznodorozhny Pereulok, 3, Premises 41, Russian Federation Telephone: +7 985 507 31 52 Website: https://www.inekocom.ru/ Email: inekocom@mail.ru Registration number: 5007104304 (Tax ID/INN)	3.6.2022
154.	Informakustika JSC Local name: Акционерное Общество «Информакустика» (АО «Информакустика») A.k.a: Joint Stock Company “Informacoustics”	Address(es): 194021, St. Petersburg, Politekhnicheskaya Str., 22, Letter A, Russian Federation; 197376, St. Petersburg, R. Krestovki Embankment, 3, Russian Federation Telephone: +7 (812) 777-78-84 Website: http://forso.ru/ Email: info@forso.ru Registration number: 7813487947 (Tax ID/INN)	3.6.2022

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155.	<p>Institute of High Energy Physics</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение «Институт Физики Высоких Энергий имени А.А. Логунова Национального Исследовательского Центра «Курчатовский Институт» (НИЦ «Курчатовский Институт» – ИФВЭ)</p> <p>A.k.a: ИИЭП; NITs Kurchatovsky Institute IFVE; Federal State Budgetary Institution “Institute of High Energy Physics named after A.A. Logunov of the National Research Center “Kurchatov Institute”</p>	<p>Address(es): 142281, Moscow Oblast, Protvino, Nauki Square, 1, Russian Federation; 142281, Moscow Oblast, Protvino, Pobedy Str., 1, Russian Federation</p> <p>Telephone: +7 (4967) 71-36-23; +8 (4967) 71-33-66</p> <p>Website: http://www.ihep.ru/</p> <p>Email: fgbu@ihep.ru</p> <p>Registration number: 5037007869 (Tax ID/INN)</p>	3.6.2022
156.	<p>Institute of Theoretical and Experimental Physics</p> <p>Local name: Национальный Исследовательский Центр «Курчатовский Институт» – Курчатовский Комплекс Теоретической и Экспериментальной Физики (НИЦ «Курчатовский Институт» – ИТЭФ)</p> <p>A.k.a: ИТЭП; ИТЭФ; Kurchatovsky Institute ITEF; Federal State Budgetary Institution “Institute of Theoretical and Experimental Physics named after A. I. Alikhanov of the National Research Center “Kurchatov Institute”; Kurchatov Complex of Theoretical and Experimental Physics</p>	<p>Address(es): 117218, Moscow, Bolshaya Cheremushkinskaya Str., 25, Russian Federation; 117209, Moscow, Sevastopolsky Prospekt, 24, Russian Federation</p> <p>Telephone: +8 (499) 789-62-12</p> <p>Website: http://www.itep.ru/</p> <p>Email: chancellery@itep.ru</p>	3.6.2022
157.	<p>Inteltech PJSC</p> <p>Local name: Публичное Акционерное Общество «Информационные Телекоммуникационные Технологии» (ПАО «Интелтех»)</p> <p>A.k.a: Information Telecommunications Technology PJSC; Inteltekh</p>	<p>Address(es): 197342, St. Petersburg, Kantemirovskaya Str., 8, Russian Federation; 194100, St. Petersburg, Kantemirovskaya Str. 5, Russian Federation</p> <p>Telephone: +7 (812) 295-50-69; +7 (812) 313-12-51</p> <p>Website: https://www.inteltech.ru/</p> <p>Email: intelteh@inteltech.ru</p> <p>Registration number: 7802030605 (Tax ID/INN)</p>	3.6.2022

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158.	ISE SO RAN Institute of High-Current Electronics Local name: Федеральное Государственное Бюджетное Учреждение Науки Институт Сильноточной Электроники Сибирского Отделения Российской Академии Наук (ИСЭ СО РАН) A.k.a: Institute of High Current Electronics of the Siberian Branch of the Russian Academy of Sciences; IHE SB RAS	Address(es): 634055, Tomsk, Akademichesky Prospekt, 2/3, Russian Federation Telephone: +7 (3822) 491-544 Website: https://hcei.tsc.ru/ Email: contact@hcei.tsc.ru Registration number: 7021001375 (Tax ID/INN)	3.6.2022
159.	Kaluga Scientific-Research Institute of Telemechanical Devices JSC Local name: Акционерное Общество «Калужский Научно-Исследовательский Институт Телемеханических Устройств» (АО «КНИИТМУ») A.k.a: KNIITMU JSC	Address(es): 248650, Kaluga Oblast, Kaluga, Pushkina Str., 19, Russian Federation; 2480000, Kaluga Oblast, Kaluga, Karla Marksa Str., 4, Russian Federation Telephone: +7 (4842) 74-35-00 Website: http://www.kniitmu.ru/ Email: kniitmu@kaluga.net Registration number: 4027100480 (Tax ID/INN)	3.6.2022
160.	Kulon Scientific-Research Institute JSC Local name: Акционерное Общество «Научно- Исследовательский Институт «Кулон» (АО «НИИ «Кулон») A.k.a: НИИ Kulon JSC	Address(es): 129075, Moscow, Ostankinsky Municipal District, Murmanskyy Proezd, 14, Russian Federation Telephone: +7 (495) 966-05-66 Website: https://niikulon.ru/ Email: mail@niikulon.ru Registration number: 7717149279 (Tax ID/INN)	3.6.2022
161.	Lutch Design Office JSC Local name: Акционерное Общество «Конструкторское бюро «Луч» (АО «КБ «Луч») A.k.a: Lutch Design Bureau JCS; Lutch JSC; KB- Lutch	Address(es): 152920, Yaroslavl Oblast, Rybinsk, Pobedy Boulevard, 25, Russian Federation Telephone: +8 (4855) 28-58-22 Website: https://kb-lutch.ru/ Email: kb@kb-lutch.ru Registration number: 7610063043 (Tax ID/INN)	3.6.2022

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162.	Meteor Plant JSC Local name: Акционерное Общество «Завод «Метеор» (АО «Завод «Метеор») A.k.a: AO Zavod Meteor	Address(es): 404130, Volgograd Oblast, Volzhsky, Loginova Str., 23, Russian Federation; 404122, Volgograd Oblast, Volzhsky, Gorkogo Str., 1, Russian Federation Telephone: +7 (8443) 34-26-94 Website: http://meteor.su/ Email: info@meteor.su Registration number: 3435000717 (Tax ID/INN)	3.6.2022
163.	Moscow Communications Research Institute JSC Local name: Акционерное Общество «Московский Научно-Исследовательский Институт Связи» (АО «МНИИС») A.k.a: MNIIS JSC	Address(es): 117534, Moscow, Kirovogradsky Proezd, 3, Building 2, Russian Federation; 121170, Moscow Kutuzovsky Prospekt, 34, Russian Federation Telephone: +7 (499) 249 40 88 Website: http://mniis.ru/ Email: mniis@mniis.ru Registration number: 7726336229 (Tax ID/INN)	3.6.2022
164.	Moscow Order of the Red Banner of Labor Research Radio Engineering Institute JSC Local name: Акционерное Общество «Московский Ордена Трудового Красного Знамени Научно-Исследовательский Радиотехнический Институт» (АО «МНИРТИ») A.k.a: MNIRTI JSC.	Address(es): 103028, Moscow, Bolshoi Trekhsvyatitsky Pereulok, 2/1, Russian Federation Telephone: +7 (495) 626-23-44 Website: https://mnirti.ru/ Email: astra@mnirti.ru Registration number: 7709899951 (Tax ID/INN)	3.6.2022
165.	Joint Stock Company NPO Elektromechaniki Local name: Акционерное Общество «Научно-Производственное Объединение Электромеханики» (АО «НПО Электромеханики») A.k.a: NPO Elektromechaniki JSC; Scientific and Production Association "Electromechanics" JSC	Address(es): 45630, Chelyabinsk Oblast, Miass, Mendeleeva Str., 31, Russian Federation Telephone: +7 (3513) 28-88-04 Website: https://npoe.ru/ ; http://npomash.ru/npom/ru/electromeh.htm Email: root@npoe.ru Registration number: 7415044181 (Tax ID/INN)	3.6.2022

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166.	Omsk Production Union Irtysh JSC Local name: Акционерное Общество «Омское Производственное Объединение «Иртыш» (АО «ОмПО «Иртыш») A.k.a: OmPO Irtysh	Address(es): 644060, Omsk Oblast, Omsk, Gurteva Str., 18, Russian Federation; Telephone: +7 (3812) 44-87-05 Website: https://irtysh.ru/ Email: irtysh@irtysh.com.ru	3.6.2022
167.	Omsk Scientific-Research Institute of Instrument Engineering JSC Local name: Акционерное общество «Омский Научно-Исследовательский Институт Приборостроения» (АО «ОНИИП») A.k.a: JSC Omsk Research Institute of Instrument Engineering; AO ONIIP	Address(es): 644071, Omsk Oblast, Omsk, Maslennikova Str., 231, Russian Federation Telephone: +7 (3812) 44-85-45 Website: http://www.oniip.ru/ Email: info@oniip.ru Registration number: 5506218498 (Tax ID/INN)	3.6.2022
168.	Optron, JSC Local name: Акционерное общество «Оптрон» (АО «Оптрон»)	Address(es): 105318, Moscow, Shcherbakovskaya Str., 53, Russian Federation Telephone: +8 (495) 366-22-66 Website: https://www.optron.ru/ Email: main@optron.ru Registration number: 7719019691 (Tax ID/INN)	3.6.2022
169.	Pella Shipyard OJSC Local name: Акционерное общество «Ленинградский Судостроительный Завод «Пелла» (АО «Пелла») A.k.a: JSC Leningrad Shipyard Pella; AO "Leningradsky Sudostroitelny Zavod "Pella"; AO "Pella"	Address(es): 187330, Leningrad Oblast, Kirovsky District, Otradnoe, Tsentralnaya Str., 4, Russian Federation Telephone: +7 (812) 336 4066; +7 (812) 336 40 55 Website: http://pellaship.ru/ Email: mail@pellaship.ru Registration number: 4706000296 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
170.	<p>Polyot Chelyabinsk Radio Plant JSC</p> <p>Local name: Акционерное Общество «Челябинский Радиозавод «Полёт» (АО «ЧРЗ «Полет»)</p> <p>A.k.a: AO “ChRZ “Polyot”; Chelyabinsk Radio Plant Polet; ChRP “Polet”</p>	<p>Address(es): 454080, Chelyabinsk Oblast, Chelyabinsk, Terponolskaya Str., 6, Russian Federation</p> <p>Telephone: +7 (351) 267-02-20</p> <p>Website: https://www.polyot.ru/</p> <p>Email: chrz@polyot.ru</p> <p>Registration number: 7453140915 (Tax ID/INN)</p>	3.6.2022
171.	<p>Pskov Distance Communications Equipment Plant</p> <p>Local name: Акционерное Общество «Псковский Завод Аппаратуры Дальней Связи» (АО «Псковский Завод АДС»)</p> <p>A.k.a: Pskov Plant ADS JSC; Pskov Distance Communications Equipment (ADS)</p>	<p>Address(es): 180004, Pskov Oblast, Pskov, Gagarina Str., 4, Russian Federation</p> <p>Telephone: +8 (8112) 79-41-12; +8 (8112) 79-41-00</p> <p>Website: http://www.ads-pskov.ru/</p> <p>Email: office@ads-pskov.ru</p> <p>Registration number: 6027014643 (Tax ID/INN)</p>	3.6.2022
172.	<p>Radiozavod, JSC</p> <p>Local name: Акционерное Общество «Радиозавод» (АО «Радиозавод»)</p>	<p>Address(es): 440039, Penza Oblast, Penza, Baydukova Str., 1, Russian Federation</p> <p>Telephone: +7 (8412) 92-80-96</p> <p>Website: https://www.penza-radiozavod.ru/</p> <p>Email: radio@rf58.ru</p> <p>Registration number: 5835049799 (Tax ID/INN)</p>	3.6.2022
173.	<p>Razryad JSC</p> <p>Local name: Акционерное Общество «Разряд» (АО «Разряд»)</p> <p>A.k.a: Zavod Razryad</p>	<p>Address(es): 362031, Republic of North Ossetia – Alania, Vladikavkaz, Kosta Prospekt, 233, Russian Federation</p> <p>Telephone: +8 (8672) 51-52-94; +8 (8672) 51-61-82; +8 (8672) 51-81-83</p> <p>Website: http://www.zavod-razryad.ru/</p> <p>Email: info@zavod-razryad.ru</p> <p>Registration number: 1513030980 (Tax ID/INN)</p>	3.6.2022

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174.	<p>Research Production Association Mars</p> <p>Local name: Федеральный Научно- Производственный Центр Акционерное Общество «Научно-Производственное Объединение «Марс» (ФНПЦ АО «НПО «Марс»)</p> <p>A.k.a: RPA Mars; NPO Mars; Federal Research and Development Center JSC Scientific Production Association “Mars”; FNPTs AO “NPO “MARS”</p>	<p>Address(es): 432022, Ulyanovsk Oblast, Ulyanovsk, Solnechnaya Str., 20, Russian Federation</p> <p>Telephone: +7 (8422) 52-47-22</p> <p>Website: http://npomars.com/ru/</p> <p>Email: mars@mv.ru</p> <p>Registration number: 7303026811 (Tax ID/INN)</p>	3.6.2022
175.	<p>Ryazan Radio-Plant</p> <p>Local name: Акционерное Общество «Рязанский Радиозавод» (АО «Рязанский Радиозавод»)</p>	<p>Address(es): 390023, Ryazan Oblast, Ryazan Lermontova Str., 11, Russian Federation</p> <p>Telephone: +7 (4912) 29-27-33; +7 (4912) 29-29-30</p> <p>Website: https://radiozavod.ru/</p> <p>Email: mail@radiozavod.ru</p> <p>Registration number: 6231006875 (Tax ID/INN)</p>	3.6.2022
176.	<p>Scientific Production Center Vigstar JSC</p> <p>Local name: Акционерное Общество «Научно- Производственный Центр «Вигстар» (АО «НПЦ «Вигстар»)</p> <p>A.k.a: AO Nauchno-Proizvodstvennyy Tsentr Vigstar; JSC SRC Vigstar; AO NPTs Vigstar</p>	<p>Address(es): 117545, Moscow, 1st Dorozhny Proezd, 8, Russian Federation</p> <p>Telephone: +7 (495) 276 5201; +7 (495) 276 5202</p> <p>Website: https://www.vigstar.ru/</p> <p>Email: vigstar@vigstar.ru</p> <p>Registration number: 7726687555 (Tax ID/INN)</p>	3.6.2022
177.	<p>Scientific Production Enterprise “Radiosviaz”</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Радиосвязь» (АО «НПП «Радиосвязь»)</p> <p>A.k.a: AO NPP Radiosvyaz; Joint Stock Company “Research and Production Enterprise “Radiosvyaz”</p>	<p>Address(es): 660021, Krasnoyarsk Krai, Krasnoyarsk, Dekabristov Str., 19, Russian Federation</p> <p>Telephone: +7 (391) 204-11-02</p> <p>Website: https://krtz.su/</p> <p>Email: info@krtz.su</p> <p>Registration number: 2460243408 (Tax ID/INN)</p>	3.6.2022

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Number	Name	Identifying Information	Date of listing
178.	<p>Scientific Research Institute Ferrite-Domen</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт «Феррит-Домен» (АО «НИИ «Феррит-Домен»)</p> <p>A.k.a: AO NII Ferrit-Domen</p>	<p>Address(es): 196006, St. Petersburg, Zvetohnaya Str., 25, Building 3, Letter B, Room 417, Russian Federation</p> <p>Telephone: +7 (812) 676-28-83</p> <p>Website: https://www.domen.ru/</p> <p>Email: dpo@domen.ru</p> <p>Registration number: 7810245940 (Tax ID/INN)</p>	3.6.2022
179.	<p>Scientific Research Institute of Communication Management Systems</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Систем Связи и Управления» (АО «НИИСУ»)</p> <p>A.k.a: AO NIISU; Joint Stock Company “Research and Development Institute of Communication and Management Systems”</p>	<p>Address(es): 11760, Moscow, Starokaluzhkoe Shosse, 58, Russian Federation</p> <p>Telephone: +7 (495) 333-75-03</p> <p>Website: https://niissu.ru/</p> <p>Email: niissu@niissu.ru</p> <p>Registration number: 7728804257 (Tax ID/INN)</p>	3.6.2022
180.	<p>Scientific-Production Association and Scientific- Research Institute of Radio-Components</p> <p>Local name: Общество с Ограниченной Ответственностью «Научно-Производственное Объединение НИИРК» (ООО «НПО НИИРК»)</p> <p>A.k.a: NIIRK; Limited Liability Company “Research and Production Association NIIRK”; ООО NPO NIIRK</p>	<p>Address(es): 119049, Moscow, Krymsky Val Str., 3, Building 1, Office 1, Russian Federation</p> <p>Telephone: +8 (499)764-58-89</p> <p>Website: http://niirk.ru/</p> <p>Email: niirk@yandex.ru</p> <p>Registration number: 7706265403 (Tax ID/INN)</p>	3.6.2022
181.	<p>Scientific-Production Enterprise “Kant”</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Кант» (АО «НПП «Кант»)</p> <p>A.k.a: AO NPP Kant; Joint Stock Company “Research and Production Enterprise “Kant”</p>	<p>Address(es): 109316, Moscow, Talalikhina Str., 12, Building 7, Russian Federation; 129626, Moscow, 3rd Mytishchinskaya Str., 16, Russian Federation</p> <p>Telephone: +7 (495) 902-73-27; +7 (495) 902-72-37</p> <p>Website: https://npp-kvant.ru/</p> <p>Email: info@npp-kvant.ru</p> <p>Registration number: 7709868424 (Tax ID/INN)</p>	3.6.2022

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Number	Name	Identifying Information	Date of listing
182.	<p>Scientific-Production Enterprise “Svyaz”</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Связь» (АО «НПП «Связь»)</p> <p>A.k.a: AO NPP Svyaz; Joint Stock Company “Research and Production Enterprise “Svyaz”</p>	<p>Address(es): 301214, Tula Oblast, Shekinsky District, Yasnaya Polyana Village, Shkolnaya Str., 19, Russian Federation</p> <p>Telephone: +8 (487) 517-63-68</p> <p>Website: http://www.nppsvyaz.ru/</p> <p>Email: mail@nppsvyaz.ru</p> <p>Registration number: 7118011916 (Tax ID/INN)</p>	3.6.2022
183.	<p>Scientific-Production Enterprise Almaz JSC</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Алмаз» (АО «НПП «Алмаз»)</p> <p>A.k.a: AO NPP Almaz; Joint Stock Company “Research and Production Enterprise “Almaz”; Almaz Research and Production Enterprise; RPE Almaz</p>	<p>Address(es): 301214, Tula Oblast, Shekinsky District, Yasnaya Polyana Village, Shkolnaya Str., 19, Russian Federation</p> <p>Telephone: +8 (487) 517-63-68</p> <p>Website: http://www.nppsvyaz.ru/</p> <p>Email: mail@nppsvyaz.ru</p> <p>Registration number: 7118011916 (Tax ID/INN)</p>	3.6.2022
184.	<p>Scientific-Production Enterprise Salyut JSC</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Салют» (АО «НПП «Салют»)</p> <p>A.k.a: AO NPP Salyut; Joint Stock Company “Research and Production Enterprise “Salute”</p>	<p>Address(es): 603107, Nizhny Novgorod Oblast, Nizhny Novgorod, Larina Str., 7, Building 4, Office 4264, Russian Federation</p> <p>Telephone: +7 (831) 211-40-00</p> <p>Website: https://nppsalut.ru/</p> <p>Email: salut@nppsalut.ru</p> <p>Registration number: 5261079332 (Tax ID/INN)</p>	3.6.2022
185.	<p>Scientific-Production Enterprise Volna</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Волна» (АО «НПП «Волна»)</p> <p>A.k.a: AO NPP Volna; Joint Stock Company “Research and Production Enterprise “Wave”</p>	<p>Address(es): 117105, Moscow, Varshavskoe Shosse, 26, Russian Federation</p> <p>Telephone: +8 (499) 611-31-00; +8 (499) 782 20 31</p> <p>Website: http://volna.ru/</p> <p>Email: volna@volna.ru</p> <p>Registration number: 7726534774 (Tax ID/INN)</p>	3.6.2022

Number	Name	Identifying Information	Date of listing
186.	<p>Scientific-Production Enterprise Vostok JSC</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Восток» (АО «НПП «Восток»)</p> <p>A.k.a: AO NPP Vostok; Joint Stock Company “Research and Production Enterprise “Wave”</p>	<p>Address(es): 630049, Novosibirsk Oblast, Novosibirsk, Dusi Kovalchuk Str. 276, Russian Federation;</p> <p>Telephone: +7 (383) 226-57-17</p> <p>Website: http://vostok.nsk.su/</p> <p>Email: vostok@nzpp.ru</p>	3.6.2022
187.	<p>Scientific-Research Institute “Argon”</p> <p>Local name: Акционерное Общество «Научно-Исследовательский Институт «Аргон» (АО «НИИ «Аргон»)</p> <p>A.k.a: AO NII Argon; Joint Stock Company “Scientific Research Institute “Argon”</p>	<p>Address(es): 117587, Moscow, Varshavskoe Shosse, 125, Building 1, Russian Federation</p> <p>Telephone: +7 (495) 319-78-67</p> <p>Website: http://www.argon.ru/</p> <p>Email: argon@argon.ru</p> <p>Registration number: 7726694231 (Tax ID/INN)</p>	3.6.2022
188.	<p>Scientific-Research Institute and Factory Platan</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт «Платан» с Заводом при НИИ» (АО «НИИ «Платан» с Заводом при НИИ»)</p> <p>A.k.a: AO NII Platan s Zavodom pri NII; Joint Stock Company “Scientific Research Institute “Platan”; Joint Stock Company “Scientific Research Institute “Platan” with a Plant at the Research Institute”</p>	<p>Address(es): 141190, Moscow Oblast, Fryazino, Territory Vostochnaya Zavodskaya Promyshlennaya, 16, Russian Federation; 141190, Moscow Oblast, Fryazino, Zavodskoy Proezd, 2, Room 225, Russian Federation</p> <p>Telephone: +7 (496) 566-90-17; +7 (495) 221-71-43</p> <p>Website: https://f-platan.ru/</p> <p>Email: info@f-platan.ru</p> <p>Registration number: 5052023047 (Tax ID/INN)</p>	3.6.2022
189.	<p>Scientific-Research Institute of Automated Systems and Communications Complexes Neptune JSC</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Автоматизированных Систем и Комплексов Связи «Нептун» (АО «НИИ «Нептун»)</p> <p>A.k.a: AO NII Neptun</p>	<p>Address(es): 199178, St. Petersburg, Vasilyevsky Island, 7th Line, 80, Building 1, Letter A, Russian Federation</p> <p>Telephone: +7 (812) 327-09-72</p> <p>Website: http://www.niineptun.ru/</p> <p>Email: inform@niineptun.ru</p> <p>Registration number: 7801563590 (Tax ID/INN)</p>	3.6.2022

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Number	Name	Identifying Information	Date of listing
190.	<p>Special Design and Technical Bureau for Relay Technology</p> <p>Local name: Акционерное Общество «Специальное Конструкторско-Технологическое Бюро по Релейной Технике» (АО «СКТБ РТ»)</p> <p>A.k.a: Relay Technology Bureau JSC; АО SKTB RT; Joint Stock Company Special Relay System Design and Engineering Bureau</p>	<p>Address(es): 173021, Novgorod Oblast, Veliky Novgorod, Nekhinskaya Str., 55, Russian Federation</p> <p>Telephone: +7 8162 629 001</p> <p>Website: http://sktbrt.ru/</p> <p>Email: office@sktbrt.ru</p> <p>Registration number: 5321095589 (Tax ID/INN)</p>	3.6.2022
191.	<p>Special Design Bureau Salute JSC</p> <p>Local name: Акционерное общество «Особое Конструкторское Бюро «Салют»» (АО «ОКБ «Салют»»)</p> <p>A.k.a: АО ОКБ Salyut</p>	<p>Address(es): 630049, Novosibirsk Oblast, Novosibirsk, Krasny Prospekt, 153, Russian Federation</p> <p>Telephone: +7 (383) 226-57-19</p> <p>Website: http://okb-salyut.ru/</p> <p>Email: info@okb-salyut.ru</p> <p>Registration number: 5402512720 (Tax ID/INN)</p>	3.6.2022
192.	<p>Tactical Missile Company, Joint Stock Company “Salute”</p> <p>Local name: АО «Салют»</p> <p>A.k.a: АО Salyut; Zavod “Salyut”; Kuibyshev Mechanical Plant</p>	<p>Address(es): 443028, Samara Oblast, Samara, Moskovskoe Shosse, 20, Russian Federation</p> <p>Telephone: +7 (846) 957-01-01</p> <p>Website: https://www.ao-salut.ru/; https://www.salut-samara.ru/</p> <p>Email: salut-info@yandex.ru</p> <p>Registration number: 6313034986 (Tax ID/INN)</p>	3.6.2022
193.	<p>Tactical Missile Company, Joint Stock Company “State Machine Building Design Bureau “Vympel” named after I.I.Toropov”</p> <p>Local name: Акционерное Общество «Государственное Машиностроительное Конструкторское Бюро «Вымпел» им. И.И.Торопова» (АО «Гос МКБ «Вымпел» им. И.И. Торопова»)</p> <p>A.k.a: АО Gos MKB “Vympel” im. I.I. Toropova; NPO Vympel; JSC State Machine-Building Construction Bureau “Vympel” named after I.I. Toropov JSC</p>	<p>Address(es): 125424, Moscow, Volokolamskoe Shosse, 90, Russian Federation</p> <p>Telephone: +7 (495) 491-06-74</p> <p>Website: https://vypelmkb.com/</p> <p>Email: info@vypelmkb.ru</p> <p>Registration number: 7733546058 (Tax ID/INN)</p>	3.6.2022

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194.	Tactical Missile Company, Joint Stock Company "Uralelement" Local name: Акционерное Общество «Верхнеуфалейский Завод «Уралэлемент» (АО «Уралэлемент») A.k.a: Joint Stock Company "Verkhneufaleysky Plant "Uralelement"; Aktsionernoe Obshchestvo Verkhneufaleysky Zavod Uralelement; AO Uralelement	Address(es): 456800, Chelyabinsk Oblast, Verkhny Ufaley, Dmitrieva Str., 24, Russian Federation Telephone: +8 (351)-649-21-10 Website: https://uralelement.ru/ Email: support@uralelement.ru Registration number: 7402006277 (Tax ID/INN)	3.6.2022
195.	Tactical Missile Company, Joint Stock Company "Plant Dagdiesel" Local name: Акционерное Общество «Завод «Дагдизель» (АО «Завод «Дагдизель») A.k.a: Dagdizel Plant JSC; Factory Dagdizel; AO Zavod "Dagdizel"	Address(es): 368399, Republic of Dagestan, Kaspiysk, Lenina Str., 1, Russian Federation Telephone: +8 (872) 465-27-34 Website: http://dagdizel.ru/ Email: info@dagdizel.ru Registration number: 0545001919 (Tax ID/INN)	3.6.2022
196.	Tactical Missile Company, Joint Stock Company "Scientific Research Institute of Marine Heat Engineering" Local name: Акционерное Общество «Научно- Исследовательский Институт Морской Теплотехники» (АО «НИИ Мортеплотехники») A.k.a: Research Institute of Morteplotekhniki; AO NII Morteplotekhniki; Joint Stock Company "Scientific Research Institute of Marine Thermal Engineering"	Address(es): 198412, St. Petersburg, Lomonosov, Chernikova Str., 44, Russian Federation Telephone: +7 (812) 363-8000 Website: https://gidropribor.ru/about/departments/morteplotekhniki.html Email: fmtt@mail.ru Registration number: 7819308094 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
197.	Tactical Missile Company, Joint Stock Company Plant Kulakov Local name: Акционерное Общество «Завод имени А.А.Кулакова» (АО «Завод им А.А. Кулакова») A.k.a: JSC Plant named after A.A. Kulakov; AO Zavod im. A.A. Kulakova; JSC Zavod Kulakova	Address(es): 197198, St. Petersburg, Yablochkova Str., 12, Letter A, Russian Federation Telephone: +7 (812) 233-29-02 Website: https://zavodkulakova.ru/ Email: office@zavodkulakova.ru Registration number: 7813346618 (Tax ID/INN)	3.6.2022
198.	Tactical Missile Company, Joint Stock Company Ravenstvo Local name: Акционерное Общество «Равенство» (АО «Равенство») A.k.a: Joint Stock Company Rawenstvo; AO Ravenstvo	Address(es): 198095, St. Petersburg, Promyshlennaya Str., 19, Russian Federation Telephone: +7 (812) 252-93-33; +7 (812) 252-93-42 Website: https://rawenstvo.ru/ Email: rawenstvo@rawenstvo.ru Registration number: 7805395957 (Tax ID/INN)	3.6.2022
199.	Tactical Missile Company, Joint Stock Company Ravenstvo-Service Local name: Акционерное Общество «Равенство- Сервис» (АО «Равенство-Сервис») A.k.a: Joint Stock Company Rawenstvo-Service; AO Ravenstvo-Servis	Address(es): 198095, St. Petersburg, Promyshlennaya Str., 19, Russian Federation Telephone: +7 (812) 252-92-00 Website: https://ktrv.ru/about/structure/ravenstvo-servis.html ; https://www.granit-electron.ru/concern/subsidiaries/jsc-ravenstvo-service/ Email: rs@rawenstvo.ru Registration number: 7805417618 (Tax ID/INN)	3.6.2022
200.	Tactical Missile Company, Joint Stock Company Saratov Radio Instrument Plant Local name: Акционерное Общество «Саратовский Радиоприборный Завод» (АО «СРЗ») A.k.a: Aktsionernoe Obshchestvo Saratovskiy Radiopriborny Zavod; AO SRZ	Address(es): 410040, Saratov Oblast, Saratov, Prospekt 50 Let Oktyabrya, 108, Russian Federation Telephone: +7 (8452) 79-95-05 Website: http://granit-srz.ru Email: srz@granit-srz.ru Registration number: 6453104288 (Tax ID/INN)	3.6.2022

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201.	Tactical Missile Company, Joint Stock Company Severny Press Local name: Акционерное Общество «Северный Пресс» (АО «Северный Пресс») A.k.a: Joint Stock Company “Northern Press”; AO Severny Press	Address(es): 195196, St. Petersburg, Tallinskaya Str., 7, Russian Federation Telephone: +7 (812) 445-21-36 Website: http://new.nordpress.spb.su/ ; https://www.granit-electron.ru/concern/subsidiaries/ao-severnyy-press/ Email: post@nordpress.spb.su Registration number: 7806337732 (Tax ID/INN)	3.6.2022
202.	Tactical Missile Company, Joint-Stock Company “Research Center for Automated Design” Local name: Акционерное Общество «Научно- Исследовательский Центр Автоматизированных Систем Конструирования» (АО «НИЦ АСК») A.k.a: AO NITs ASK; Joint Stock Company “Scientific Research Center for Automated Design Systems”	Address(es): 125167, Moscow, Leningradsky Prospekt, 37, Building 12, Russian Federation Telephone: +7 (495) 666-32-74 Website: http://www.nicask.ru/ Email: info@nicask.ru Registration number: 7714022309 (Tax ID/INN)	3.6.2022
203.	Tactical Missile Company, KB Mashinostroeniya Local name: Акционерное Общество «Научно- Производственная Корпорация «Конструкторское Бюро Машиностроения» (АО «НПК «КБМ») A.k.a: Joint Stock Company “Research and Production Corporation “Design Bureau of Mechanical Engineering”; AO NPK KBM; Joint Stock Company “Research and Production Corporation “Machine Building Design Bureau”; Joint Stock Company Research and Production Corporation Konstruktorskoye Byuro Mashynostroyeniya; Kolomna Design Bureau of Machine-Building	Address(es): 140402, Moscow Oblast, Kolomna, Oksky Prospekt, 42, Russian Federation Telephone: +7 (495) 363-38-56; +7 kbm-kbm@mail.ru Website: https://ktrv.ru/about/structure/kb_mashinostroeniya.html Email: kbm-kbm@mail.ru Registration number: 5022039177 (Tax ID/INN)	3.6.2022
204.	Tactical Missile Company, NPO Lightning Local name: Акционерное Общество «Научно- Производственное Объединение «Молния» (АО «НПО «Молния») A.k.a: Research and Production Association Lightning JSC; Molniya Research & Industrial Corporation JSC; JSC NPO Molniya	Address(es): 125363, Moscow, Lodochnaya Str., 5, Building 1, Russian Federation Telephone: +7 495 580-71-86; +7 495 580-71-87 Website: http://www.npomolniya.ru/ Email: molniya@npomolniya.ru Registration number: 7733028761 (Tax ID/INN)	3.6.2022

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205.	<p>Tactical Missile Company, Petrovsky Electromechanical Plant “Molot”</p> <p>Local name: Акционерное Общество «Петровский Электромеханический Завод «Молот» (АО «ПЭМЗ «Молот»)</p> <p>A.k.a: Aktsionernoe Obshchestvo Petrovskii Elektromekhanicheskii Zavod Molot; JSC Petrovsky Electromechanical Zavod Molot; AO PEMZ Molot</p>	<p>Address(es): 412540, Saratov Oblast, Petrovsk, Gogolya Str., 40, Russian Federation</p> <p>Telephone: +7 (84555) 31-501; +7 (84555) 3-37-01</p> <p>Website: https://ktrv.ru/about/structure/petrovskiy_emz_-molot.html; http://pemz-molot.ru/</p> <p>Email: ao@pemzmolot.ru; molot_pemz@mail.ru</p> <p>Registration number: 6444009038 (Tax ID/INN)</p>	3.6.2022
206.	<p>Tactical Missile Company, PJSC “MBDB “ISKRA”</p> <p>Local name: Акционерное Общество «Машиностроительное Конструкторское Бюро «ИСКРА» имени Ивана Ивановича Картукова» (АО «МКБ «ИСКРА»)</p> <p>A.k.a: JSC “MDB “Iskra”; Joint Stock Company Machine Building Design Bureau “ISKRA”; Iskra Engineering Design Bureau JSC named after I.I. Kartukov; JSC MBDB ISKRA; Machine Building Design Bureau “Iskra” named after Ivan Kartukov JSC; Aktsionernoe Obshchestvo “Mashinostroitelnoe; Konstruktorskoe Byuro “Iskra” Imeni Ivana Ivanovicha Kartukova; AO MKB ISKRA</p>	<p>Address(es): 125284, Moscow, Leningradsky Prospekt, 35, Russian Federation</p> <p>Telephone: +7 (495) 612-53-51; +7 (495) 945-43-59; +7 (495) 614-00-52</p> <p>Website: http://www.iskramkb.ru/</p> <p>Email: info@iskramkb.ru</p> <p>Registration number: 7714288059 (Tax ID/INN)</p>	3.6.2022
207.	<p>Tactical Missile Corporation, “Central Design Bureau of Automation”</p> <p>Local name: Акционерное Общество «Центральное Конструкторское Бюро Автоматики» (АО «ЦКБА»)</p> <p>A.k.a: CCBA: TsKBA; Central Design Bureau for Automatics Engineering JSC</p>	<p>Address(es): 644027, Omsk Oblast, Omsk, Kosmichesky Prospekt, 24A, Russian Federation</p> <p>Telephone: +7 (3812) 53-98-30</p> <p>Website: http://www.ckba.net/</p> <p>Email: aockba@ckba.net</p> <p>Registration number: 5506202219 (Tax ID/INN)</p>	3.6.2022

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208.	<p>Tactical Missile Corporation, 711 Aircraft Repair Plant</p> <p>Local name: Акционерное Общество «711 Авиационный Ремонтный Завод» (АО «711 АРЗ»)</p> <p>A.k.a: 711 ARZ</p>	<p>Address(es): 397171, Voronezh Oblast, Borisoglebsk, Chkalova Str., 18, Russian Federation</p> <p>Telephone: +7 (47354) 6-69-73</p> <p>Website: http://711arz.ru/</p> <p>Email: arz@711arz.ru</p> <p>Registration number: 3604016369 (Tax ID/INN)</p>	3.6.2022
209.	<p>Tactical Missile Corporation, AO GNPP “Region”</p> <p>Local name: Акционерное Общество «Государственное Научно-Производственное Предприятие «Регион» (АО «ГНПП «Регион»)</p> <p>A.k.a: Aktsionernoe Obshchestvo Gosudarstvennoe Nauchno Proizvodstvennoe Predpriyatie Region; “Region” Scientific & Production Enterprise JSC; AO GNPP Region</p>	<p>Address(es): 115230, Moscow, Kashirskoe Shosse, 13A, Russian Federation</p> <p>Telephone: +7 (495) 741-55-44; +7 (499) 611-30-55</p> <p>Website: https://gnppregion.ru/</p> <p>Email: GNPPREGION@SOVINTEL.RU</p> <p>Registration number: 7724552070 (Tax ID/INN)</p>	3.6.2022
210.	<p>Tactical Missile Corporation, АО ТМКБ “Soyuz”</p> <p>Local name: Акционерное Общество Тураевское Машиностроительное Конструкторское Бюро «Союз» (АО ТМКБ «Союз»)</p> <p>A.k.a: TMBDB Soyuz PJSC, Aktsionernoe Obshchestvo Turaevskoe Mashinostroitelnoe Konstruktorskoe Byuro “Soyuz”, JSC Turayev Machine-Building Design Bureau “Soyuz”</p>	<p>Address(es): 140080, Moscow Oblast, Lytkarino, Industrial Zone Tyraevo, Building 10, Russian Federation</p> <p>Telephone: +7 (495) 552-57-21; +7 (495) 555-08-77</p> <p>Website: http://tmkb-soyuz.ru/</p> <p>Email: info@tmkb-soyuz.ru</p> <p>Registration number: 5026000759 (Tax ID/INN)</p>	3.6.2022
211.	<p>Tactical Missile Corporation, Azov Optical and Mechanical Plant</p> <p>Local name: Акционерное Общество «Азовский Оптико-Механический Завод» (АО «АОМЗ»)</p> <p>A.k.a: Azovsky Optiko-Mechanichesky Zavod; JSC AOMZ; Azov Optomechanical Plant JSC</p>	<p>Address(es): 346780, Rostov Oblast, Azov, Promyshlennaya Str., 5, Russian Federation,</p> <p>Telephone: +7 863 424-07-67; +8 (863-42) 4-07-67</p> <p>Website: https://aomz.org/</p> <p>Email: volna.aomz@mail.ru</p> <p>Registration number: 6140022069 (Tax ID/INN)</p>	3.6.2022

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212.	Tactical Missile Corporation, Concern "MPO – Gidropribor" Local name: Акционерное Общество «Концерн «Морское Подводное Оружие - Гидроприбор» (АО «Концерн «МПО - Гидроприбор») A.k.a: JSC Concern Sea Underwater Weapons Gidropribor; Central Research Institute "Gidropribor"; AO Konstern Morskoe Podvonoie Oruzhie Gidropribor	Address(es): 194044, St. Petersburg, Bolshoi Sampsonievskiy Prospekt, 24A, Letter Z, Russian Federation Telephone: +7 (812) 542-01-47, +7 (812) 542-95-51 Website: https://gidropribor.ru/ Email: info@gidropribor.ru Registration number: 7802375889 (Tax ID/INN)	3.6.2022
213.	Tactical Missile Corporation, Joint Stock Company "Krasny Gidropress" Local name: Акционерное Общество «Красный Гидропресс» (АО «Красный Гидропресс») A.k.a: Aktsionernoe Obshchestvo "Krasny Gidropress,."; JSC Red Hydraulic Press	Address(es): 347928, Rostov Oblast, Taganrog, Severnaya Square, 3, Russian Federation Telephone: +7 (8634) 36-63-39; +7 (8634) 366-338 Website: http://aohpress.ru/ Email: hpress@mail.ru Registration number: 6154082903 (Tax ID/INN)	3.6.2022
214.	Tactical Missile Corporation, Joint Stock Company Avangard Local name: Акционерное Общество «Авангард» (АО «Авангард»)	Address(es): 215500, Smolensk Oblast, Safonovo, Oktyabrskaya Str., 78, Russian Federation Telephone: +7 (48142) 3-42-45; +7 (481) 226 86-05; +7 (48142) 3-42-32 Website: https://avangard-plastik.ru/ Email: info@avangard-plastik.ru Registration number: 6726504312 (Tax ID/INN)	3.6.2022
215.	Tactical Missile Corporation, Joint Stock Company Concern Granit-Electron Local name: Акционерное Общество «Концерн «Гранит-Электрон» (АО «Концерн «Гранит- Электрон») A.k.a: AO Konstern Granit Elektron	Address(es): 191014, St. Petersburg, Gospitalnaya Str., 3, Russian Federation Telephone: +7 (812) 271-45-85; +7 (812) 578-94-17 Website: https://www.granit-electron.ru/ Email: office@granit-electron.ru Registration number: 7842335610 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
216.	Tactical Missile Corporation, Joint Stock Company Elektrotyaga Local name: Акционерное Общество «Электротяга» (АО «Электротяга»)	Address(es): 198099, St. Petersburg, Kalinina Str., 50 A, Russian Federation Telephone: +7 (812) 252-80-77; +7 (812) 786-32-19; +7 (812) 786-97-19; +7 (812) 240-12-90 Website: https://gidropribor.ru/about/departments/electrotyaga.html Email: contact@aoelectrotyaga.ru Registration number: 7805230257 (Tax ID/INN)	3.6.2022
217.	Tactical Missile Corporation, RKB Globus Local name: Акционерное Общество «Рязанское Конструкторское Бюро «Глобус» (АО «РКБ «Глобус») A.k.a: JSC Ryazan Design Bureau Globus	Address(es): 390013, Ryazan Oblast, Ryazan, Vysokovoltnaya Str., 6, Russian Federation Telephone: +7 (4912) 76-52-16; + 7 (4912) 22-80-02 Website: https://rkbglobus.ru/ Email: office@rkbglobus.ru Registration number: 6229060995 (Tax ID/INN)	3.6.2022
218.	Tactical Missile Corporation, Smolensk Aviation Plant Local name: Акционерное Общество «Смоленский Авиационный Завод» (АО «СМАЗ») A.k.a: JSC "СМАЗ"; Smolensk Aircraft Plant JSC	Address(es): 214006, Smolensk Oblast, Smolensk, Frunze Str., 74, Russian Federation Telephone: +8 (4812) 29 93 07; +7 (4812) 21-95-50; +7 (4812) 21-82-58 Website: http://www.smaz.ru/ Email: oaosmaz@yandex.ru Registration number: 6729001476 (Tax ID/INN)	3.6.2022
219.	Tactical Missile Corporation, TRV Engineering Local name: Акционерное Общество «ТРВ - Инжиниринг» (АО «ТРВ - Инжиниринг»)	Address(es): 141076, Moscow Oblast, Korolev, Ordzhonikidze Str., 2A, Russian Federation Telephone: +7 495 245 5132; +7 (498) 601-29-49 Website: https://trv-e.ru/ Email: trv-e@mail.ru ; zvezda-strela@mail.ru Registration number: 5018205784 (Tax ID/INN)	3.6.2022

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Number	Name	Identifying Information	Date of listing
220.	Tactical Missile Corporation, Zvezda-Strela Limited Liability Company Local name: Акционерное Общество «Звезда- Стрела» (АО «Звезда-Стрела») A.k.a: JSC Zvezda-Strela	Address(es): 347904, Rostov Oblast, Taganrog, 18th Pereulok, 1, Building 1, Russian Federation Telephone: +7 (8634) 366-359; +7 (8634) 366-341 Website: https://tdzs.ru/ Email: taganrog@tdzs.ru Registration number: 6154160069 (Tax ID/INN)	3.6.2022
221.	Tambov Plant (TZ) "October" Local name: Акционерное Общество «Тамбовский Завод «Октябрь» (АО «ТЗ «Октябрь») A.k.a: Tambov AO "TZ Oktyabr"	Address(es): 392029, Tambov Oblast, Tambov, Bastionnaya Str., 1, Russian Federation Telephone: +7 (4752) 73-77-60; +7 (4752) 78-13-52 Website: https://www.oktabr-tz.ru/ Email: oktabr@t-sozvezdie.ru Registration number: 6829014768 (Tax ID/INN)	3.6.2022
222.	United Shipbuilding Corporation "5th Shipyard" Local name: Головной Филиал «5 Судоремонтный Завод» Акционерного Общества «Центр Судоремонта «Звездочка» (ФЛ «5 Судоремонтный Завод – АО «ЦС «Звездочка») A.k.a: 5-y Sudoremontnyy Zavod; 5 SRZ; Head Branch "5 Shipyard" of Joint Stock Company "Zvezdochka Shiprepair Centre"; FL "5 Shipyard - JSC "CS Zvezdochka"; 5 Ship Repair Plant	Address(es): 353500, Krasnodar Krai, Temryuk, Port, Lenina Str., 67, Russian Federation; 164509, Archangelsk Oblast, Severodvinsk, Proezd Mashinostroiteley, 12, Russian Federation Telephone: + 8 (86148) 5-86-41 Website: https://www.star.ru/Filiali/5-y-SRZ Email: 5srz@mail.ru	3.6.2022
223.	Federal Center for Dual-Use Technology (FTsDT) Soyuz Local name: Федеральное Государственное Унитарное Предприятие «Федеральный центр двойных технологий «Союз» (ФГУП «ФЦДТ «Союз») A.k.a: FGUP FTsDT "Soyuz"; FSUE "FCDT "Soyuz"	Address(es): 140090, Moscow Oblast, Dzerzhinsky, Akademika Zhukova Str., 42, Russian Federation Telephone: +7 (495) 551 76 00; +7 (495) 551-72-00 Website: https://fcdt.ru/ Email: soyuz@fcdt.ru Registration number: 5027030450 (Tax ID/INN)	21.7.2022

Number	Name	Identifying Information	Date of listing
224.	Zhukovskiy Central Aerohydrodynamics Institute (TsAGI) Local name: Федеральное Автономное Учреждение «Центральный Аэрогидродинамический Институт имени Профессора Н.Е. Жуковского» (ФАУ «ЦАГИ») A.k.a: Central Aerohydrodynamic Institute named after Professor N.E. Zhukovsky	Address(es): 140180, Moscow Oblast, Zhukovsky, Zhukovsky Str., 1, Russian Federation Telephone: +8 (495) 556-43-03 Website: http://www.tsagi.ru/ Email: info@tsagi.ru Registration number: 5040177331 (Tax ID/INN)	21.7.2022
225.	Rosatomflot Local name: Федеральное Государственное Унитарное Предприятие Атомного Флота (ФГУП «Атомфлот») A.k.a: FSUE Rosatomflot, Federal State Unitary Enterprise “Atomflot”; Federal State Unitary Enterprise of the Atomic Fleet	Address(es): 183038, Murmansk Oblast, Murmansk, Territory of Murmansk-17, 1, Russian Federation Telephone: +7 (8152) 28-91-16, +7 (8152) 55-33-55 Website: http://www.rosatomflot.ru/ Email: general@rosatomflot.ru Registration number: 5192110268 (Tax ID/INN)	21.7.2022
226.	A. Lyulki Experimental-Design Bureau Local name: Опытно-конструкторское Бюро имени А. Люльки — Филиал ОДК-Уфимского Моторостроительного Производственного Объединения («ОКБ им. А. Люльки» – Филиал ПАО «ОДК-УМПО») A.k.a: A. Lyulki ОКБ; Lyulki Experimental-Design Bureau Branch of UEC UMPO; Experimental Design Bureau named after A. Lyulka – Branch of ODK-Ufa Engine Building Production Association	Address(es): 129301 Moscow, Kasatkina Str., 13, Russian Federation Telephone: +7 (495) 783-01-11 Website: https://www.uecrus.com/about/structure/okb-im-a-m-lyulki/ Email: okb@okb.umpo.ru	16.12.2022
227.	A. Lyulki Science and Technology Center Local name: «Научно-Технический Центр им. А. Люльки» – Филиал ПАО «ОДК-Сатурн» (НТЦ им. А. Люльки) A.k.a: NTTs A. Lyulki; A. Lyulka Research and Engineering Centre – Branch of ODK-Saturn PJSC	Address(es): 129301 Moscow, Kasatkina Str., 13, Russian Federation Telephone: +7 (495) 286-28-52	16.12.2022

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Number	Name	Identifying Information	Date of listing
228.	AO Aviaagregat Local name: Акционерное Общество «Авиаагрегат» (АО «Авиаагрегат») A.k.a: Aviaagregat JSC	Address(es): 443009, Samara Oblast, Samara, Zavodskoye Shosse, 55, Russian Federation Telephone: +7 (846) 207-00-01 Website: http://aviaagregat.net/ Email: mail@aviaagregat.net Registration number: 6319031396 (Tax ID/INN)	16.12.2022
229.	Closed Joint Stock Company Turborus (Turborus) Local name: Акционерное Общество «Турборус» (АО «Турборус») A.k.a: Turborus ZAO	Address(es): 152907, Yaroslavl Oblast, Rybinsk District, Rybinsk, Lenina Prospekt, 179, Russian Federation Telephone: +7(4855) 32 0040; +7(4855) 296-416 Website: https://www.turborus.com/ Email: info@turborus.com Registration number: 7610005718 (Tax ID/INN)	16.12.2022
230.	Federal Autonomous Institution Central Institute of Engine-Building N.A. P.I. Baranov; Central Institute of Aviation Motors (CIAM) Local name: Государственный Научный Центр, Федеральное Автономное Учреждение «Центральный Институт Авиационного Моторостроения имени П.И. Баранова» (ФАУ «ЦИАМ им. П.И. Баранова») A.k.a: Central Institute of Aviation Motors; CIAM	Address(es): 111116, Moscow, Aviamotornaya Str., 2, Russian Federation; 140080, Moscow Oblast, Lytkarino, Turaevo industrial zone, Building 7, Russian Federation Telephone: +7 (499) 763-61-67 Website: https://ciam.ru/ Email: info@ciam.ru Registration number: 7722497881 (Tax ID/INN)	16.12.2022
231.	Federal State Budgetary Institution National Research Center Institute N.A. N.E. Zhukovsky (Zhukovsky National Research Institute) Local name: Федеральное Государственное Бюджетное Учреждение «Национальный Исследовательский Центр «Институт имени Н.Е. Жуковского» (ФГБУ «НИЦ «Институт имени Н.Е. Жуковского») A.k.a: NRCZH	Address(es): 140180, Moscow Oblast, Zhukovsky, Zhukovskogo Str., 1, Russian Federation; 125319, Moscow, Viktorenko Str., 7, Russian Federation Telephone: +7 (495) 231-76-23; +7 (495) 231-76-24 Website: https://nrczh.ru/ Email: info@nrczh.ru Registration number: 5040136208 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
232.	Federal State Unitary Enterprise “State Scientific- Research Institute for Aviation Systems” (GosNIIAS) Local name: Федеральное Автономное Учреждение «Государственный Научно- Исследовательский Институт Авиационных Систем» (ФАУ «ГосНИИАС») A.k.a: FAA GosNIIAS; State Research Institute of Aviation Systems	Address(es): 125319, Moscow, Viktorenko Str., 7, Building 2, Russian Federation Telephone: +7 (499) 157-70-47 Website: https://gosniias.ru/ Email: info@gosniias.ru Registration number: 7714482225 (Tax ID/INN)	16.12.2022
233.	Joint Stock Company 123 Aviation Repair Plant (123 ARZ) Local name: Акционерное Общество «123 Авиационный Ремонтный Завод» (АО «123 АРЗ») A.k.a: JSC “123 Aircraft Repair Plant”	Address(es): 175201, Novgorod Oblast, Staraya Russa, Starorussky District, Gorodok Microdistrict, Russian Federation Telephone: +7 (816 52) 368-00; +7 (816 52) 368-51 Website: http://aviaremont.ru/company/plants/123arz ; http://avia.novgorod.com Email: aviaremont@aviaremont.ru ; avia@avia.novgorod.com Registration number: 5322010620 (Tax ID/INN)	16.12.2022
234.	Joint Stock Company 218 Aviation Repair Plant (218 ARZ) Local name: Акционерное Общество «218 Авиационный Ремонтный Завод» (АО «218 АРЗ»); Акционерное Общество «ОДК-Сервис» (АО «ОДК-Сервис») A.k.a: United Engine Corporation-Service; Joint Stock Company “UEC-Service”; ODK-Service	Address(es): 188307, Leningrad Oblast, Gatchina, Grigorina Str., 7A, Russian Federation Telephone: +8 (81371) 9-34-82 Website: https://www.uecrus.com/about/structure/ao-odk-servis/ ; https://218apz.pф/ Email: zavod@218arz.ru ; zavod@uec-service.ru Registration number: 4705036363 (Tax ID/INN)	16.12.2022
235.	Joint Stock Company 360 Aviation Repair Plant (360 ARZ) Local name: Акционерное Общество «360 Авиационный Ремонтный Завод» (АО «360 АРЗ») A.k.a: JSC “360 Aircraft Repair Plant”	Address(es): 390015, Ryazan Oblast, Ryazan, Zabaikalskaya Str., 13V, Russian Federation Telephone: +7 (4912) 392-509; +7 (4912) 392-529 Website: http://www.360arz.ru/ Email: contact@360arz.ru Registration number: 6229059220 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
236.	<p>Joint Stock Company 514 Aviation Repair Plant (514 ARZ)</p> <p>Local name: Акционерное Общество «514 Авиационный Ремонтный Завод» (АО «514 АРЗ»)</p> <p>A.k.a: JSC “514 Aircraft Repair Plant”</p>	<p>Address(es): 172383, Tver Oblast, Rzhev, Chelyuskintsev Str., 121, Russian Federation</p> <p>Telephone: +7 (48232) 6-02-01</p> <p>Website: http://arz514.ru/</p> <p>Email: info@arz514.ru</p> <p>Registration number: 6914013187 (Tax ID/INN)</p>	16.12.2022
237.	<p>Joint Stock Company 766 UPTK</p> <p>Local name: Акционерное Общество «766 Управление Производственно-Технологической Комплектации» (АО «766 УПТК»); Акционерное Общество «Специальное Конструкторское Бюро МО РФ» (АО «СКБ МО РФ»)</p> <p>A.k.a: JSC 766 UPTK; JSC “766 Management of Production and Technological Equipment”; Special Design Bureau of the Ministry of Defence of the Russian Federation; JSC “Special Design Bureau MO RF”; JSC SKB MO RF</p>	<p>Address(es): 143432, Moscow Oblast, Krasnogorsk, Nakhabino, Institutskaya Str. 1, Russian Federation</p> <p>Telephone: +7 (495) 566-57-17</p> <p>Website: https://skbmo.ru/</p> <p>Email: info@skbmo.ru</p> <p>Registration number: 5024076350 (Tax ID/INN)</p>	16.12.2022
238.	<p>Joint Stock Company Aramil Aviation Repair Plant (AARZ)</p> <p>Local name: Филиал АО «ОДК-Сервис» «Арамил»</p> <p>A.k.a: Aramil Branch of ODK-Service JSC</p>	<p>Address(es): 624003, Sverdlovsk Oblast, Aramil, Garnizon Str., 11a, Building 1, Russian Federation</p> <p>Telephone: +7 (343) 383-15-17</p> <p>Website: http://www.aarz.ru/</p> <p>Email: info@aarz.ru</p>	16.12.2022
239.	<p>Joint Stock Company Aviaremont (Aviaremont)</p> <p>Local name: Акционерное Общество «Авиаремонт» (АО «Авиаремонт»)</p>	<p>Address(es): 119021, Moscow, Rossolimo Str. 17, Building 2, Floor 4, Section V, Rooms 11-28, Russian Federation</p> <p>Telephone: +7 (495) 911-69-02</p> <p>Website: http://aviaremont.ru/</p> <p>Email: aviaremont@aviaremont.ru</p> <p>Registration number: 7704726240 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
240.	<p>Joint Stock Company Flight Research Institute N.A. M.M. Gromov (FRI Gromov)</p> <p>Local name: Акционерное Общество «Летно- Исследовательский Институт имени М.М.Громова» (АО «ЛИИ им.М.М.Громова»)</p> <p>A.k.a: Aktsionernoe Obshchestvo Letno- Issledovatel'ski Institut Imeni M. M. Gromova; JSC LIИ named after M. M. Gromov</p>	<p>Address(es): 140180, Moscow Oblast, Zhukovsky, Garnaeva Str., 2A, Russian Federation</p> <p>Telephone: +7 (495) 556-59-38</p> <p>Website: http://www.lii.ru</p> <p>Email: dir@lii.ru</p> <p>Registration number: 5040114973 (Tax ID/INN)</p>	16.12.2022
241.	<p>Joint Stock Company Metallist Samara (Metallist Samara)</p> <p>Local name: Акционерное Общество «Металлист- Самара» (АО «Металлист-Самара»)</p> <p>A.k.a: Metalist</p>	<p>Address(es): 443023, Samara Oblast, Samara, Promyshlennosti Str., 278, Russian Federation</p> <p>Telephone: +7 (846) 246-91-57</p> <p>Website: http://metallist-s.ru/</p> <p>Email: metallist@metallist-s.ru</p> <p>Registration number: 6318105574 (Tax ID/INN)</p>	16.12.2022
242.	<p>Joint Stock Company Moscow Machine-Building Enterprise named after V. V. Chernyshev (MMP V.V. Chernyshev)</p> <p>Local name: Акционерное Общество «Московское Машино-строительное Предприятие имени В.В. Чернышева» (АО «ММП имени В.В. Чернышева»)</p> <p>A.k.a: Chernyshev UEC</p>	<p>Address(es): 125362, Moscow, Vishnevaya Str., 7, Russian Federation</p> <p>Telephone: +7 (495) 491-57-44</p> <p>Website: http://avia500.ru; https://www.uecrus.com/about/structure/ao-mmp-imeni-v-v- chernysheva/</p> <p>Email: zavod@avia500.ru</p> <p>Registration number: 7733018650 (Tax ID/INN)</p>	16.12.2022
243.	<p>JSC NII Steel</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Стали» (АО «НИИ Стали»)</p> <p>A.k.a: Scientific Research Institute of Steel; Research Institute of Steel; AO NII Stali</p>	<p>Address(es): 105318, 127411, Moscow, Dubninskaya Str., 81A, Russian Federation</p> <p>Telephone: +7 (495) 484-63-61</p> <p>Website: https://www.niistali.ru/</p> <p>Email: mail@niistali.ru</p> <p>Registration number: 7713070243 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
244.	<p>Joint Stock Company Remdizel</p> <p>Local name: Акционерное Общество «Ремдизель» (АО «Ремдизель»)</p> <p>A.k.a: Remdiesel JSC</p>	<p>Address(es): 423800, Republic of Tatarstan, Naberezhnye Chelny, Menzelinsky Trakt, 40, Russian Federation</p> <p>Telephone: +7 (8552) 30-80-00</p> <p>Website: http://remdizel.com/</p> <p>Email: info@remdizel.com</p> <p>Registration number: 1650004741 (Tax ID/INN)</p>	16.12.2022
245.	<p>Joint Stock Company Special Industrial and Technical Base Zvezdochka (SPTB Zvezdochka)</p> <p>Local name: Акционерное Общество «Специальная Производственно-Техническая База Звездочка» (АО «СПТБ Звездочка»)</p> <p>A.k.a: JSC “Special Production and Technical Base Zvezdochka”; SPTB Zvezdochka</p>	<p>Address(es): 184650, Murmansk Oblast, Polyarny, Komsomolskaya Str., 2/7, Russian Federation</p> <p>Telephone: +8 (8152) 21-20-20</p> <p>Website: http://sptb-mf.ru/</p> <p>Email: m.star@sptb-mf.ru</p> <p>Registration number: 5116060209 (Tax ID/INN)</p>	16.12.2022
246.	<p>Joint Stock Company STAR</p> <p>Local name: Акционерное Общество «ОДК-Стар» (АО «ОДК-Стар»)</p> <p>A.k.a: AO ODK-Star; JSC UEC-Star</p>	<p>Address(es): 614990, Perm Oblast, Perm, Kuybyshev Str., 140A, Russian Federation; 615990, Perm Oblast, Perm, Komsomol Prospekt, 93, Russian Federation</p> <p>Telephone: +7 (342) 249-18-13</p> <p>Website: https://ao-star.ru/</p> <p>Email: star@ao-star.ru</p> <p>Registration number: 5904100329 (Tax ID/INN)</p>	16.12.2022
247.	<p>Joint Stock Company Votkinsk Machine Building Plant</p> <p>Local name: Акционерное Общество «Воткинский Завод» (АО «Воткинский Завод»)</p> <p>A.k.a: JSC “Votkinsk Plant”; AO Votkinsky Zavod</p>	<p>Address(es): 427430, Udmurt Republic, Votkinsk, Kirov Str., 2, Russian Federation</p> <p>Telephone: +7 (34145) 6-53-53</p> <p>Website: https://vzavod.ru/</p> <p>Email: zavod@vzavod.ru</p> <p>Registration number: 1828020110 (Tax ID/INN)</p>	16.12.2022

Number	Name	Identifying Information	Date of listing
248.	<p>Joint Stock Company Yaroslav Radio Factory</p> <p>Local name: Акционерное Общество «Ярославский Радиозавод» (АО «Ярославский Радиозавод»)</p> <p>A.k.a: PJSC “Yaroslavl Radiozavod”; Aktsionernoe Obschestvo Yaroslavl'skiy Radiozavod; JSC Yaroslavl Radio Plant; YRZ; YARZ</p>	<p>Address(es): 150010, Yaroslavl Oblast, Yaroslavl, Margolina Str., 13, Russian Federation</p> <p>Telephone: +7 (4852) 48-78-69</p> <p>Website: https://yarz.ru/</p> <p>Email: yarz@yarz.ru</p> <p>Registration number: 7601000086 (Tax ID/INN)</p>	16.12.2022
249.	<p>Joint Stock Company Zlatoustovsky Machine Building Plant (JSC Zlatmash)</p> <p>Local name: Акционерное Общество «Златоустовский Машиностроительный Завод» (АО «Златмаш»)</p> <p>A.k.a: JSC Zlatoust Machine-Building Plant</p>	<p>Address(es): 456227, Chelyabinsk Oblast, Zlatoust, Parkovy Proezd, 1, Russian Federation</p> <p>Telephone: +7 (3513) 67-11-11</p> <p>Website: http://zlatmash.ru/</p> <p>Email: info@zlatmash.ru</p> <p>Registration number: 7404052938 (Tax ID/INN)</p>	16.12.2022
250.	<p>Limited Liability Company Center for Specialized Production OSK Propulsion (OSK Propulsion)</p> <p>Local name: Общество с Ограниченной Ответственностью «Центр Продуктовой Специализации «ОСК-Движение» (ООО «ЦПС «ОСК-Движение»)</p> <p>A.k.a: ООО “Center for Product Specialization “USC-Movement”</p>	<p>Address(es): 199226, Saint Petersburg, Municipal District Gavan, Galerny Passage, 3, Letter A, Room 75, Russian Federation</p> <p>Telephone: +7 (812) 603-69-99</p> <p>Website: https://www.aosk.ru/</p> <p>Email: info@osk-propulsion.ru</p> <p>Registration number: 3017053239 (Tax ID/INN)</p>	16.12.2022
251.	<p>Lytkarino Machine-Building Plant</p> <p>Local name: Лыткаринский Машиностроительный Завод – Филиал ПАО «ОДК-УМПО»</p> <p>A.k.a: Branch of UEC-UMPO Lytkarino Machine- Building Plant</p>	<p>Address(es): 140080, Moscow Oblast, Lytkarino, Turayevskaya Str., 9, Russian Federation</p> <p>Telephone: +7 495 552-43-94</p>	16.12.2022

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252.	<p>Moscow Aviation Institute</p> <p>Local name: Федеральное Государственное Бюджетное Образовательное Учреждение Высшего Образования «Московский Авиационный Институт (Национальный Исследовательский Университет)»</p> <p>A.k.a: MAI; Federal State Budgetary Establishment of Higher Education “Moscow Aviation Institute (National Research University)”</p>	<p>Address(es): 125993, Moscow Region, Volokolamskoe Highway, 4, Russian Federation</p> <p>Telephone: +7 (499) 158-49-18</p> <p>Website: https://mai.ru/</p> <p>Email: mai@mai.ru</p> <p>Registration number: 7712038455 (Tax ID/INN)</p>	16.12.2022
253.	<p>Moscow Institute of Thermal Technology</p> <p>Local name: Акционерное Общество «Корпорация «Московский Институт Теплотехники» (АО «Корпорация «МИТ»)</p> <p>A.k.a: АО Kopratsiya Moskovskiy Institut Teplotekhniki, JSC Corporation МИИТ, Moscow Institute of Thermal Technology</p>	<p>Address(es): 127273, Moscow, Berezovaya Alleya, 10, Russian Federation</p> <p>Telephone: 8-499-907-37-74</p> <p>Website: http://corp-mit.ru/</p> <p>Email: mitemail@umail.ru</p> <p>Registration number: 7715842760 (Tax ID/INN)</p>	16.12.2022
254.	<p>Omsk Motor-Manufacturing Design Bureau</p> <p>Local name: Филиал ПАО «ОДК-Сатурн» - Омское Моторостроительное Конструкторское Бюро (ОМКБ)</p> <p>A.k.a: FL UEC-Saturn – ОМКБ; Omsk Engine Design Bureau; Branch of PAO UEC-Saturn Omsk Motor-Manufacturing Design Bureau</p>	<p>Address(es): 644021, Omsk, Okruzhnaya Road Str., 3, Russian Federation</p> <p>Telephone: +7 (3812) 36-07-04</p> <p>Website: https://www.uecrus.com/about/structure/pao-odk-saturn/filial-pao-odk-saturn-omkb/</p> <p>Email: omkb@omkb.uec-saturn.ru</p>	16.12.2022
255.	<p>Open Joint Stock Company 170 Flight Support Equipment Repair Plant (170 RZ SOP)</p> <p>Local name: Акционерное Общество «170 Ремонтный Завод Средств Обеспечения Полетов» (АО «170 РЗ СОП»)</p> <p>A.k.a: JSC «170 Repair Plant of Flight Support», OJSC “170 Maintenance Works of Flights Support”</p>	<p>Address(es): 603104, Nizhny Novgorod, Meditsinskaya Str., 2, Russian Federation</p> <p>Telephone: +7 (495) 911-69-42; +7 (831) 465 19 78</p> <p>Website: http://170rz.ru/</p> <p>Email: info@170rz.ru</p> <p>Registration number: 5262240714 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
256.	Open Joint Stock Company 20 Aviation Repair Plant (20 ARZ) Local name: Акционерное Общество «20 Авиационный Ремонтный Завод» (АО «20 АРЗ»)	Address(es): 196603, St. Petersburg, Pushkin, Gatchinskoe Shosse, 11, Russian Federation Telephone: +7 (495) 911-69-42 Website: http://www.aviaremont.ru/company/plants/20arz/ Email: 20arz@inbox.ru Registration number: 7820309254 (Tax ID/INN)	16.12.2022
257.	Open Joint Stock Company 275 Aviation Repair Plant (275 ARZ) Local name: Акционерное Общество «275 Авиационный Ремонтный Завод» (АО «275 АРЗ») A.k.a: PJSC “275 Aircraft Repair Plant”	Address(es): 350090, Krasnodar, Dzerzhinsky Str., 141, Russian Federation Telephone: +7 (495) 911-69-42 Website: http://www.aviaremont.ru/company/plants/275arz/ ; http://275arz.ru Email: 275arz@bk.ru Registration number: 2311096404 (Tax ID/INN)	16.12.2022
258.	Open Joint Stock Company 308 Aviation Repair Plant (308 ARZ) Local name: Акционерное Общество «308 Авиационный Ремонтный Завод» (АО «308 АРЗ») A.k.a: AO 308 ARZ	Address(es): 153035, Ivanovo, Lezhnevskaya Str., 118-B, Russian Federation Telephone: +7 (495) 911-69-42; +7 (4932)23-40-26 Website: http://308arf.ru/ Email: arf308@yandex.ru Registration number: 3702530967 (Tax ID/INN)	16.12.2022
259.	Open Joint Stock Company 32 Repair Plant of Flight Support Equipment (32 RZ SOP) Local name: Акционерное Общество «32 Ремонтный Завод Средств Обеспечения Полетов» (АО «32 РЗ СОП») A.k.a: OJSC 32 Repair Plant of Flight Support Equipment; JSC “32 Flight Support Equipment Repair Plant”; JSC “32 RZ SOP”	Address(es): 692243, Primorsky Krai, Spassk-Dalny, Hospitalnaya Str., 10, Russian Federation Telephone: +7 (495) 911-69-42; +8 (42352) 24033 Website: http://32rsop.ru/ Email: 32rsop@mail.ru Registration number: 2510012328 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
260.	Open Joint Stock Company 322 Aviation Repair Plant (322 ARZ) Local name: Акционерное Общество «322 Авиационный Ремонтный Завод» (АО «322 АРЗ») A.k.a: JSC “322 Aircraft Repair Plant”; JSC “322 ARP”	Address(es): 692557, Primorsky Krai, Ussuriysky District, Vozdvizhenka Village, Zhukovsky Str., 5, Russian Federation Telephone: +7 (495) 911-69-42; (4234) 399-222 Website: http://322apз.pф/ Email: info@322arz.ru Registration number: 2511055959 (Tax ID/INN)	16.12.2022
261.	Open Joint Stock Company 325 Aviation Repair Plant (325 ARZ) Local name: Акционерное Общество «325 Авиационный Ремонтный Завод» (АО «325 АРЗ») A.k.a: JSC “325 Aircraft Repair Plant”; JSC “325 ARP”	Address(es): 347916, Rostov Oblast, Taganrog, Tsiolkovsky Str., 42, Russian Federation Telephone: +7 (495) 911-69-42; (8634) 33-45-74 Website: www.325arz.ru Email: 325@mail.ru ; asf325@pbox.ttn.ru Registration number: 6154105808 (Tax ID/INN)	16.12.2022
262.	Open Joint Stock Company 680 Aircraft Repair Plant (680 ARZ) Local name: Акционерное Общество «680 Авиационный Ремонтный Завод» (АО «680 АРЗ») A.k.a: JSC “680 Aircraft Repair Plant”; JSC “680 ARP”	Address(es): 676859, Amur Oblast, Belogorsk, Bazarnaya Str. 2a, Russian Federation Telephone: +7 (495) 911-69-42 Website: http://aviaremont.ru/company/plants/680arz/ Email: arz680@mail.ru Registration number: 2804012458 (Tax ID/INN)	16.12.2022
263.	Open Joint Stock Company 720 Special Flight Support Equipment Repair Plant (720 RZ SOP) Local name: Акционерное Общество «720 Ремонтный Завод Средств Обеспечения Полетов» (АО «720 РЗ СОП») A.k.a: JSC “720 Repair Plant of Flight Support Facilities”	Address(es): 216507, Smolensk Oblast, Roslavl District, Krasnoarmeiskaya Str., 6, Russian Federation Telephone: +7 (495) 911-69-42 Website: http://aviaremont.ru/company/plants/720rsop/ Email: 720rz@mail.ru Registration number: 6725015051 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
264.	Open Joint Stock Company Volgograd Radio- Technical Equipment Plant (VZ RTO) Local name: Акционерное Общество «Волгоградский Завод Радиотехнического Оборудования» (АО «ВЗРТО») A.k.a: JSC VZRTO	Address(es): 400010, Volgograd Oblast, Volgograd, Novodvinskaya Str., 60, Russian Federation Telephone: +7 (495) 911-69-42 Website: http://aviaremont.ru/company/plants/vzrto/ Email: vzrto@mail.ru Registration number: 3443073324 (Tax ID/INN)	16.12.2022
265.	Public Joint Stock Company Agregat (PJSC Agregat) Local name: Публичное Акционерное Общество «Агрегат» (ПАО «Агрегат»)	Address(es): 456020, Chelyabinsk Oblast, Sim, Ashinsky District, Pushkin Str. 1, Russian Federation Telephone: +7 (35159) 79-022 Website: https://www.agregat-avia.ru/ Email: info@agregat-avia.ru Registration number: 7401000191 (Tax ID/INN)	16.12.2022
266.	Salute Gas Turbine Research and Production Center Local name: Производственный комплекс «Салют» АО «ОДК» (ПК «Салют» АО «ОДК») A.k.a: Salyut Production Complex of UEC JSC; Scientific Production Center for Gas Turbine Engineering “Salyut” JSC	Address(es): 105118, Moscow, Budyonnogo Avenue 16, Building 2, Russian Federation Telephone: +7 (499) 785-81-19; +7 (499) 785-80-01 Website: http://www.salut.ru/ ; https://www.uecrus.com/about/structure/ao-odk-pk-salyut/ Email: info@salut.ru	16.12.2022
267.	Scientific-Production Association Vint of Zvezdochka Shipyard (SPU Vint) Local name: Головной филиал «Научно- Производственное Объединение «Винт» Акционерное Общество «Центр Судоремонта «Звездочка» (Головной филиал «НПО «Винт» АО «ЦС «Звездочка») A.k.a: NPO Vint; Head Branch “Scientific and Production Association “Vin”” of Joint Stock Company “Shiprepair Centre “Zvezdochka”	Address(es): 121099, Moscow, Novinsky Boulevard, 11, Russian Federation Telephone: +7 (495) 255-49-04 Website: http://vintnpo.ru/ Email: msk@vintnpo.ru	16.12.2022

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268.	<p>Scientific Research Institute of Applied Acoustics (NIIPA)</p> <p>Local name: Федеральное Государственное Унитарное Предприятие «Научно- Исследовательский Институт Прикладной Акустики» (ФГУП «НИИПА»)</p> <p>A.k.a: FSUE “Research Institute of Applied Acoustics”; FGUP NIIPA</p>	<p>Address(es): 141980, Moscow, Dubna, 9 May Str., 7A, Russian Federation</p> <p>Telephone: +7 (49621) 276-37</p> <p>Website: http://niipa.ru/</p> <p>Email: info@niipa.ru</p> <p>Registration number: 5010007607 (Tax ID/INN)</p>	16.12.2022
269.	<p>Siberian Scientific-Research Institute of Aviation N.A. S.A. Chaplygin (SibNIA)</p> <p>Local name: Федеральное Автономное Учреждение «Сибирский Научно- Исследовательский Институт Авиации им. С.А. Чаплыгина» (ФАО «СибНИА им. С.А. Чаплыгина»)</p> <p>A.k.a: S.A. Chaplygin Siberian Research Institute of Aviation; Federal Autonomous Institution “Siberian Research Institute of Aviation named after S. A. Chaplygin”; FAU SibNIA im. S.A. Chplygina</p>	<p>Address(es): 630051, Novosibirsk Oblast, Novosibirsk, Polzunova Str., 21, Russian Federation</p> <p>Telephone: +7 (383) 278-70-10</p> <p>Website: https://www.sibnia.ru/</p> <p>Email: sibnia@sibnia.ru</p> <p>Registration number: 5405071094 (Tax ID/INN)</p>	16.12.2022
270.	<p>Software Research Institute</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Программных Средств» (АО «НИИ ПС»)</p> <p>A.k.a: JSC Research Institute of Software Tools; JSC NII PS</p>	<p>Address(es): 194021, St. Petersburg, Politekhnikeskaya Str., 22, Letter H, Russian Federation</p> <p>Telephone: +7 (812) 313-78-00</p> <p>Website: http://www.nii-ps.ru/</p> <p>Email: office@nii-ps.ru</p> <p>Registration number: 7804454896 (Tax ID/INN)</p>	16.12.2022
271.	<p>Subsidiary Sevastopol Naval Plant of Zvezdochka Shipyard (Sevastopol Naval Plant)</p> <p>Local name: Акционерное Общество «Севастопольский Морской Завод имени Серго Орджоникидзе» (АО «СМЗ»); Филиал «Севастопольский морской завод» АО «Центр Судоремонта «Звездочка»</p> <p>A.k.a: Sevastopol Naval Plant N.A. Sergo Ordzhonikidze; Sevastopol Marine Plant Branch of JSC “Ship Repair Center “Zvezdochka”; JSC “Sevastopolskiy Morskoy Zavod Imeni Sergo Ordjonikidze”</p>	<p>Address(es): 299001, Sevastopol, Geroev Sevastopol Str., 13</p> <p>Telephone: +7 (8692) 55-99-50</p> <p>Website: https://aosmz.ru/</p> <p>Email: info@aosmz.ru</p> <p>Registration number: 9200010443 (Tax ID/INN)</p>	16.12.2022

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272.	Russian Institute of Radio Navigation and Time Local name: Акционерное Общество «Российский Институт Радионавигации и Времени» (АО «РИРВ») A.k.a: RIRT; AO RIRV	Address(es): 192012, St. Petersburg, Obukhovskaya Oborona Prospekt, 120, Letter ETs, Russian Federation; 105066, Moscow, Staraya Basmannaya Str., 19, Building 12, Russian Federation Telephone: +7 (812) 665-58-77; +7 (812) 665-58-80; +7 (495) 098-0213 Website: https://rirt.ru/ Email: office@rirt.ru ; osp_rirt@mail.ru	16.12.2022
273.	Federal Technical Regulation and Metrology Agency (Rosstandart) Local name: Федеральное Агентство по Техническому Регулированию и Метрологии (Росстандарт) A.k.a: Federal Agency for Technical Regulation and Metrology	Address(es): 123112, Moscow, Presnenskaya Naberezhnaya, 10, Building 2, Floors 7, 29, 39, Russian Federation; 123112, Moscow, Presnenskaya Naberezhnaya, 10, Building 2, Russian Federation Telephone: +7 (495) 547-51-51 Website: https://www.rst.gov.ru/ Email: info@rst.gov.ru Registration number: 7706406291 (Tax ID/INN)	16.12.2022
274.	Federal State Budgetary Institution of Science P.I. K.A. Valiev RAS of the Ministry of Science and Higher Education of Russia (FTIAN) Local name: Федеральное Государственное Бюджетное Учреждение Науки Физико- Технологический Институт имени К.А. Валиева Российской Академии Наук (ФТИАН им. К.А.Валиева РАН) A.k.a: FTIAN im. K.A. Valiev RAS; FRI RAS	Address(es): 117218, Moscow, Nakhimovsky Prospekt, 34, Russian Federation; 117218, Moscow, Nakhimovsky Prospekt, 36, Building 1, Russian Federation Telephone: +7 (499) 129-54-92 Website: https://www.rst.gov.ru/ Email: ftian.director@bk.ru ; lukichev@ftian.ru Registration number: 7727084140 (Tax ID/INN)	16.12.2022
275.	Federal State Unitary Enterprise All-Russian Research Institute of Physical, Technical and Radio Engineering Measurements (VNIIFTRI) Local name: Федеральное Государственное Унитарное Предприятие «Всероссийский Научно-Исследовательский Институт Физико- Технических и Радиотехнических Измерений» (ФГУП «ВНИИФТРИ») A.k.a: FGUP VNIIFTRI; VNIIFTRI - State Scientific Center of the Russian Federation	Address(es): 141570, Moscow Oblast, Solnechnogorsk, Mendeleevo Village, Industrial Zone of FGUP VNIIFTRI, Building 11, Russian Federation Telephone: +7 (495) 526-63-63 Website: https://vniiftri.ru/ Email: office@vniiftri.ru Registration number: 5044000102 (Tax ID/INN)	16.12.2022

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276.	<p>Institute of Physics Named After P.N. Lebedev of the Russian Academy of Sciences (LPI)</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение Науки Физический Институт им. П.Н. Лебедева Российской Академии Наук (ФИАН)</p> <p>A.k.a: Lebedev Physical Institute; LPI RAS; FIAN; R.N. Lebedev Physical Institute of the Russian Academy of Sciences</p>	<p>Address(es): 119991, Moscow, Leninsky Prospekt, 53, Russian Federation</p> <p>Telephone: +7(495) 668-88-88</p> <p>Website: https://lebedev.ru/</p> <p>Email: office@vniiftri.ru</p> <p>Registration number: 7736037394 (Tax ID/INN)</p>	16.12.2022
277.	<p>The Institute of Solid-State Physics of the Russian Academy of Sciences (ISSP)</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение Науки Институт Физики Твердого Тела имени Ю.А. Осипьяна Российской Академии Наук (ИФТТ РАН)</p> <p>A.k.a: IFTT RAS; Federal State Budgetary Institution of Science Institute of Solid-State Physics N.A. Yu. A. Osipyan of the Russian Academy of Sciences; Osipyan Institute of Solid-State Physics RAS</p>	<p>Address(es): 142432, Moscow Oblast, Chernogolovka, Akademika Osipyana Str., 2, Russian Federation</p> <p>Telephone: +7 906 095 4402; 8(496)52 219-82</p> <p>Website: http://issp.ac.ru/</p> <p>Email: adm@issp.ac.ru</p> <p>Registration number: 5031003120 (Tax ID/INN)</p>	16.12.2022
278.	<p>Rzhanov Institute of Semiconductor Physics, Siberian Branch of Russian Academy of Sciences (IPP SB RAS)</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение Науки Институт Физики Полупроводников им. А.В. Ржанова Сибирского Отделения Российской Академии Наук (ИФП СО РАН)</p> <p>A.k.a: IPP SB RAS; Institute of Semiconductor Physics NA A.V. Rzhanov; IFP SO RAN</p>	<p>Address(es): 630090, Novosibirsk Oblast, Novosibirsk, Akademika Lavrenteva Prospekt, 13, Russian Federation</p> <p>Telephone: +7(383)330-90-55; +7(383)333-29-65</p> <p>Website: https://www.isp.nsc.ru/</p> <p>Email: ifp@isp.nsc.ru</p> <p>Registration number: 5408100057 (Tax ID/INN)</p>	16.12.2022

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279.	UEC-Perm Engines, JSC Local name: Акционерное Общество «ОДК-Пермские Моторы» (АО «ОДК-ПМ») A.k.a: Permsky Motorny Zavod; AO ODK-PM; Perm Motors; Perm Engine Plant	Address(es): 614010, Perm Krai, Perm, Komsomolsky Prospekt, 93, Building 61, Russian Federation Telephone: +7 (342) 211-39-39 Website: http://pmz.ru/ ; https://perm-motors.ru/ Registration number: 5904007312 (Tax ID/INN)	16.12.2022
280.	Ural Works of Civil Aviation, JSC Local name: Акционерное Общество «Уральский Завод Гражданской Авиации» (АО «УЗГА») A.k.a: UZGA; Ural Civil Aviation Factory	Address(es): 620025, Sverdlovsk Oblast, Ekaterinburg, Bakhchivandzhi Str., 2G, Russian Federation; 123308, Moscow, Marshala Zhukova Prospekt, 1, Building 1, Russian Federation Telephone: +7 (343) 295-51-51; +7 (495) 122-25-33 Website: https://uwca.ru/ Registration number: 6664013640 (Tax ID/INN)	16.12.2022
281.	Central Design Bureau for Marine Engineering "Rubin", JSC Local name: Акционерное Общество «Центральное Конструкторское Бюро Морской Техники «Рубин» (АО «ЦКБ МТ «Рубин») A.k.a: "Rubin" Design Bureau; JSC Tsentralnoye Konstruktorskoye Byuro Morskoy Tekhniki Rubin; JSC TsKB МТ Rubin; CDB ME "Rubin"	Address(es): 191119, St. Petersburg, Marata Str., 90, Russian Federation Telephone: +7 812 407-51-32 Website: https://ckb-rubin.ru/ Email: neptun@ckb-rubin.ru Registration number: 7838418751 (Tax ID/INN)	16.12.2022
282.	"Aeropribor-Voskhod", JSC Local name: Акционерное Общество «Аэроприбор-Восход» (АО «АП Восход») A.k.a: AO AP-Voskhod	Address(es): 105318, Moscow, Tkatskaya Str. 19, Floor 4, Room 400, Russian Federation Telephone: +7 495 363-23-01 Website: http://aeropribor.ru/ Email: ext@aeropribor.ru Registration number: 7719021450 (Tax ID/INN)	16.12.2022

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283.	Aerospace Equipment Corporation, JSC Local name: Акционерное Общество «Корпорация «Аэрокосмическое Оборудование» (АО «КАО») A.k.a: Aerospace Equipment JSC; KAO JSC	Address(es): 198095, St. Petersburg, Marshala Govorova Str., 40, Building 11, Office 407., Russian Federation; 197101, St. Petersburg, Kropotkina Str., 1, Russian Federation; Telephone: +8 (495) 926-66-77 Website: http://aequipment.ru Email: info@aequipment.com Registration number: 7813132895 (Tax ID/INN)	16.12.2022
284.	Central Research Institute of Automation and Hydraulics (CNIAG), JSC Local name: Акционерное Общество «Центральный Научно-Исследовательский Институт Автоматики И Гидравлики» (АО «ЦНИИАГ») A.k.a: TsNIAG	Address(es): 127018, Moscow, Sovetskaya Armiya Str., 5, Russian Federation Telephone: +7 (495) 631-29-44 Website: http://cniag.ru/ Email: cniag@cniag.ru Registration number: 7715900066 (Tax ID/INN)	16.12.2022
285.	Aerospace Systems Design Bureau, JSC Local name: Акционерное Общество «Опытно- Конструкторское Бюро «Аэрокосмические Системы» (АО «ОКБ «Аэрокосмические Системы») A.k.a: JSC “ОКБ “Aerospace Systems”	Address(es): 141983, Moscow Oblast, Dubna, Programistov Str., 4, Russian Federation Telephone: +7 (495) 526-69-77 Website: https://aerospace-systems.ru/ Email: info@aerospace-systems.ru Registration number: 5010041950 (Tax ID/INN)	16.12.2022
286.	Afanasyev Technomac, JSC Local name: Акционерное Общество «Научно- Производственное Объединение «Техномаш» имени С.А. Афанасьева» (АО «НПО «Техномаш» им. С.А. Афанасьева») A.k.a: JSC Scientific and Production Association “Tekhnomash” named after S.A. Afanasyev; Afanasyev Research and Production Enterprise Technomac, JSC; AO NPO Technomash	Address(es): 127018, Moscow, Maryina Roshcha 3rd Proezd, 40, Building 1, Russian Federation Telephone: +8 (495) 689-50-66 Website: https://tmnpo.ru/ Email: info@tmnpo.ru Registration number: 9715411975 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
287.	Ak Bars Shipbuilding Corporation, CJSC Local name: Акционерное Общество «Судостроительная Корпорация «Ак Барс» (АО «СК «Ак Барс») A.k.a: Shipbuilding Corporation “Ak Bars”	Address(es): 422546, Republic of Tatarstan, Zelenodolsk District, Zelenodolsk, Zavodskaya Str., 5, Russian Federation; 422546, Republic of Tatarstan, Zelenodolsk District, Zelenodolsk, Zavodskaya Str., 9a, Russian Federation Telephone: +7 (84-371) 2-11-66 Website: https://sk-akbars.ru/ Email: info@sk-akbars.ru Registration number: 1648040380 (Tax ID/INN)	16.12.2022
288.	AGAT, Gavrilov-Yaminskiy Machine-Building Plant, JSC Local name: Акционерное Общество Гаврилов- Ямский Машиностроительный Завод «АГАТ» (АО ГМЗ «АГАТ») A.k.a: AO GMZ AGAT	Address(es): 152240, Yaroslavl Oblast, Gavrilov-Yamsky District, Gavrilov-Yam, Mashinostroiteley Proezd, 1, Russian Federation Telephone: +7(48534)2-54-34 Website: http://gmzogat.ru/ Email: tnpmag@gmzogat.ru Registration number: 7616002417 (Tax ID/INN)	16.12.2022
289.	Almaz Central Marine Design Bureau, JSC Local name: Акционерное Общество «Центральное Морское Конструкторское Бюро «Алмаз» (АО «ЦМКБ «Алмаз») A.k.a: JSC TsMKB Almaz; St. Petersburg Naval Design Bureau Almaz	Address(es): 196128, St. Petersburg, Varshavskaya Str. 50, Russian Federation Telephone: +7 812 373 70 53; +7 812 373 28 00 Website: http://almaz-kb.ru/ Email: office@almaz-kb.ru Registration number: 7810537558 (Tax ID/INN)	16.12.2022
290.	Joint Stock Company Eleron Local name: Акционерное Общество «Федеральный центр науки и высоких технологий «Специальное научно- производственное объединение «Элерон» (АО «ФЦНИВТ «СНПО «Элерон») A.k.a: JSC “Federal Center for Science and High Technologies “Special Research and Production Association “Aileron”; AO FZNIVT SNPO Eleron	Address(es): 115563, Moscow, Generala Belova Str., 14, Russian Federation Telephone: +7 (499) 725-02-06 Website: https://www.eleron.ru/ Email: support.atss@eleron.org Registration number: 7724313681 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
291.	<p>AO Rubin</p> <p>Local name: Акционерное Общество «Рубин» (АО «Рубин»)</p> <p>A.k.a: Joint Stock Company Rubin</p>	<p>Address(es): 191119, St. Petersburg, Marata Str., 86, Letter A, Russian Federation</p> <p>Telephone: +7 (812) 320 26 40</p> <p>Website: https://rubingroup.ru/</p> <p>Email: rubin@rubingroup.ru</p> <p>Registration number: 7809002741 (Tax ID/INN)</p>	16.12.2022
292.	<p>Branch of PAO II – Aviastar</p> <p>Local name: Филиал Публичного Акционерного Общества «Авиационный Комплекс Им. С.В. Ильюшина» - Авиастар (Филиал ПАО «Ил» - Авиастар)</p> <p>A.k.a: Aviastar-SP; Branch of the Public Joint Stock Company “S.V. Ilyushin Aviation Complex” – Aviastar; Branch of PJSC “IL” – Aviastar</p>	<p>Address(es): 432072, Ulyanovsk, Antonova Avenue, 21, Russian Federation</p> <p>Telephone: +7 (8422) 28-09-09; +7 (8422) 28-12-81</p> <p>Website: https://aviastar-sp.ru/</p> <p>Email: mail@aviastar-sp.ru</p>	16.12.2022
293.	<p>Branch of RSK MiG Nizhny Novgorod Aircraft- Construction Plant Sokol</p> <p>Local name: Нижегородский Авиастроительный Завод «Сокол» – Филиал АО «Российская Самолетостроительная Корпорация «МиГ» (РСК «МиГ»); Филиал ПАО «Объединенная Авиастроительная Корпорация» – Нижегородский Авиастроительный завод «Сокол»</p> <p>A.k.a: SOKOL NAZ; Nizhny Novgorod Aviation Plant Sokol; Sokol Aircraft Plant; United Aircraft Corporation PJSC Branch – Nizhny Novgorod Aircraft Building Plant Sokol</p>	<p>Address(es): 603035, Nizhny Novgorod, Chaadaeva Str., 1, Russian Federation</p> <p>Telephone: +7 (831) 222-19-25</p> <p>Website: http://www.migavia.ru/index.php/ru/o-korporatsii/struktura; http://www.sokolplant.ru/o-nas/</p> <p>Email: nazsokol@rsk-mig.ru</p>	16.12.2022

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294.	Chkalov Novosibirsk Aviation Plant Local name: Открытое Акционерное Общество «Новосибирское Авиационное Производственное Объединение им. В.П. Чкалова» (ОАО «НАПО им. В.П. Чкалова»); Новосибирский Авиационный Завод имени В.П. Чкалова - Филиал ПАО «Компания «Сухой» A.k.a: Novosibirsk Aircraft Production Association Plant; ОАО НАПО им. В. П. Чкалова; JSC Novosibirsk Aircraft Production Plant named after V.P. Chkalov; V.P. Chkalov Novosibirsk Aviation Plant - Branch of PJSC Sukhoi Company	Address(es): 630051, Novosibirsk Oblast, Novosibirsk, Polzunova Str., 15, Russian Federation Telephone: (383) 278-85-01; +7 (499) 550-01-06 Website: http://www.napo.ru/ Email: info@naz.sukhoi.org	16.12.2022
295.	Joint Stock Company All-Russian Scientific- Research Institute Gradient Local name: Акционерное Общество «Всероссийский Научно-Исследовательский Институт «Градиент» (АО «ВНИИ «Градиент») A.k.a: AO VNII Gradient	Address(es): 344000, Rostov Oblast, Rostov-on-Don, Sokolov Avenue, 96, Russian Federation Telephone: 8 (863) 232-47-70; +7 (863) 204-20-31 Website: http://gradient-rnd.ru/ ; https://gradient.kret.com/ Email: rostov@gradient-rnd.ru Registration number: 6163111477 (Tax ID/INN)	16.12.2022
296.	Joint Stock Company Almatyevsk Radiopribor Plant (JSC AZRP) Local name: Акционерное Общество «Альметьевский Завод «Радиоприбор» (АО «Альметьевский Завод «Радиоприбор») A.k.a: JSC “Almatyevsk Plant “Radiopribor”	Address(es): 423457, Republic of Tatarstan, Almatyevsk District, Almatyevsk, 2, Stroiteley Prospekt, 2, Russian Federation Telephone: +7 (8553) 22-19-09 Website: https://radiopribor-zavod.kret.com/ Email: azrp@mail.ru ; azrp@yandex.ru Registration number: 1644018390 (Tax ID/INN)	16.12.2022
297.	Joint Stock Company Experimental-Design Bureau Elektroavtomatika named after P.A. Efimov Local name: Акционерное Общество «Опытно- Конструкторское Бюро «Электроавтоматика» Имени П.А.Ефимова» (АО «ОКБ «Электроавтоматика») A.k.a: JSC “Development and Design Bureau “Elektroavtomatika” named after P. A. Efimov”; АО ОКБ Elektroavtomatika	Address(es): 198095, St. Petersburg, Marshala Govorova Str., 40, Russian Federation Telephone: +7 (812) 252-1398 Website: http://electroavtomatika.kret.com/ Email: postmaster@elavt.spb.ru Registration number: 7805326230 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
298.	<p>Joint Stock Company Industrial Controls Design Bureau</p> <p>Local name: Акционерное Общество «Конструкторское Бюро Промышленной Автоматики» (АО «КБПА»)</p> <p>A.k.a: Joint Stock Company “Design Bureau of Industrial Automatics”; АО КВПА; Design Bureau for Industrial Automatics</p>	<p>Address(es): 410005, Saratov Oblast, Saratov, Bolshaya Sadovaya Str., 239, Russian Federation</p> <p>Telephone: +7 845 247-86-70</p> <p>Website: https://kbpa.kret.com/</p> <p>Email: pilot@kbpa.ru</p> <p>Registration number: 6452099998 (Tax ID/INN)</p>	16.12.2022
299.	<p>Joint Stock Company Kazan Instrument-Engineering and Design Bureau</p> <p>Local name: Акционерное Общество «Казанское Приборостроительное Конструкторское Бюро» (АО «КПКБ»)</p> <p>A.k.a: JSC “Kazan Instrument Design Bureau”; АО КПКБ</p>	<p>Address(es): 420061, Republic of Tatarstan, Kazan, Sibirskiy Trakt Str., 1, Russian Federation</p> <p>Telephone: +7 (843) 202-0502 (112)</p> <p>Website: https://kpkb.kret.com/</p> <p>Email: kpkb@mail.ru; office@kpkb.ru</p> <p>Registration number: 1660151791 (Tax ID/INN)</p>	16.12.2022
300.	<p>Joint Stock Company Microtechnology</p> <p>Local name: Акционерное Общество «Микротехника» (АО «Микротехника»)</p> <p>A.k.a: JSC Microtechnology; АО Mikrotechnica</p>	<p>Address(es): 197110, St. Petersburg, Pionerskaya Str., 44, Letter R, Russian Federation</p> <p>Telephone: +7 (812) 230-45-33</p> <p>Website: http://microt.ru</p> <p>Email: info@microt.ru</p> <p>Registration number: 7813183628 (Tax ID/INN)</p>	16.12.2022
301.	<p>Phasotron Scientific-Research Institute of Radio- Engineering</p> <p>Local name: Акционерное Общество «Корпорация «Фазотрон - Научно-Исследовательский Институт Радиостроения» (АО «Корпорация «Фазотрон-НИИР»)</p> <p>A.k.a: Phasotron NIIR; Corporation “Fazotron – Research Institute of Radio Engineering” JSC</p>	<p>Address(es): 115516, Moscow, Kavkazsky Boulevard, 59, Floor 3, Space XIV, Room 21, Russian Federation; 123557, Moscow, Elektrichesky Lane, 1, Russian Federation</p> <p>Telephone: +7 (495) 927-0777</p> <p>Website: http://phazotron.kret.com/; http://www.phazotron.com/</p> <p>Email: info@phazotron.com</p> <p>Registration number: 7710037914 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
302.	<p>Joint Stock Company Radiopribor</p> <p>Local name: Акционерное Общество «Радиоприбор» (АО «Радиоприбор»)</p> <p>A.k.a: AO Radiopribor</p>	<p>Address(es): 420021, Republic of Tatarstan, Kazan, Fatkullina Str., 2, Russian Federation</p> <p>Telephone: +7 843 293-38-00</p> <p>Website: https://radiopribor.kret.com/</p> <p>Email: rp@mi.ru</p> <p>Registration number: 1659034109 (Tax ID/INN)</p>	16.12.2022
303.	<p>Joint Stock Company Ramensk Instrument- Engineering Bureau</p> <p>Local name: Акционерное Общество «Раменское Приборостроительное Конструкторское Бюро» (АО «РПКБ»)</p> <p>A.k.a: Joint-Stock Company Ramenskoye Instrument-Making Design Bureau; Ramenskoye Engineering Design Office, JSC; Ramenskoye Instrument-Making Design Bureau, JSC; RPKB</p>	<p>Address(es): 140103, Moscow Oblast, Ramenskoye, Guriev Street, 2, Russian Federation</p> <p>Telephone: +7 (495) 992-56-96; +7 (496) 463-21-07</p> <p>Website: https://rpkb.kret.com/</p> <p>Email: rpkb@rpkb.ru</p> <p>Registration number: 5040007594 (Tax ID/INN)</p>	16.12.2022
304.	<p>Joint Stock Company Research and Production Center SAPSAN</p> <p>Local name: Акционерное Общество «Научно-Производственный Центр «САПСАН» (АО НПЦ «САПСАН»)</p> <p>A.k.a: AO NPTs SAPSAN; NPC SAPSAN</p>	<p>Address(es): 115280, Moscow, Avtozavodskaya Str., 25, Building 2, Russian Federation; 115280, Moscow, Avtozavodskaya Str., 23, Building 15, Russian Federation</p> <p>Telephone: +7-(495)-225-60-88; +7 (495) 674-63-28</p> <p>Website: http://www.sapsan.org.ru; http://npc-sapsan.ru/</p> <p>Email: sapsan@systud.msk.su</p>	16.12.2022
305.	<p>Joint Stock Company Rychag</p> <p>Local name: Акционерное Общество «Рычаг» (АО «Рычаг»)</p>	<p>Address(es): 420075, Republic of Tatarstan, Kazan, Lipatova Str., 37, Russian Federation</p> <p>Telephone: +7 843 235-80-70; +7 917 273-79-40</p> <p>Website: http://oaorychag.narod2.ru/</p> <p>Email: info@ao-rychag.ru</p> <p>Registration number: 1660170995 (Tax ID/INN)</p>	16.12.2022

Number	Name	Identifying Information	Date of listing
306.	<p>Joint Stock Company Scientific Production Enterprise Izmeritel</p> <p>Local name: Акционерное Общество «Научно-Производственное Предприятие «Измеритель» (АО «НПП «Измеритель»)</p> <p>A.k.a: NPP Izmeritel.; NPP Meter; Joint Stock Company “Research and Production Enterprise “Izmeritel”</p>	<p>Address(es): 214031, Smolensk Oblast, Smolensk, Babushkina Str., 5, Russian Federation</p> <p>Telephone: +7(4812) 62-11-99; +7(4812) 31-30-88</p> <p>Website: http://npp-izmeritel.ru/</p> <p>Email: izmerit@smoltelecom.ru</p> <p>Registration number: 6731036814 (Tax ID/INN)</p>	16.12.2022
307.	<p>Joint Stock Company Scientific-Production Union for Radioelectronics named after V.I. Shimko</p> <p>Local name: Акционерное Общество «Научно-Производственное Объединение «Радиоэлектроника» имени В.И. Шимко» (АО «НПО «Радиоэлектроника» им. В.И. Шимко»)</p> <p>A.k.a: NPO Radioelectronics N.A. V.I. Shimko</p>	<p>Address(es): 420029, Republic of Tatarstan, Kazan, Zhurnalistov Str., 50, Russian Federation</p> <p>Telephone: +7 (843) 272-55-00</p> <p>Website: http://shimko.rostechn.org/; https://radioelectronika.kret.com/</p> <p>Email: info@nposhimko.ru</p> <p>Registration number: 1660155764 (Tax ID/INN)</p>	16.12.2022
308.	<p>Joint Stock Company Taganrog Communications Scientific-Research Institute</p> <p>Local name: Акционерное Общество «Таганрогский Научно-Исследовательский Институт Связи» (АО «ТНИИС»)</p> <p>A.k.a: AO TNIIS; JSC “Taganrog Scientific- Research Institute of Communication”</p>	<p>Address(es): 347900, Rostov Oblast, Taganrog, Sedova Str., 3, Russian Federation</p> <p>Telephone: +8 (8634) 65-71-61</p> <p>Website: https://tniis.ru/</p> <p>Email: niis@pbox.ttn.ru</p> <p>Registration number: 6154573235 (Tax ID/INN)</p>	16.12.2022
309.	<p>Joint Stock Company Urals Instrument-Engineering Plant</p> <p>Local name: Акционерное Общество «Уральский Приборостроительный Завод» (АО «УПЗ»)</p> <p>A.k.a: AO UPZ; JSC “Ural Instrument-Making Plant”</p>	<p>Address(es): 624000, Sverdlovsk Oblast, Sysertsky District, 25 Km Chelyabinskiy Trakt, Russian Federation</p> <p>Telephone: +7 (343) 359-93-76; +8 (800) 222-58-40</p> <p>Website: https://upz.ru/</p> <p>Email: mail@upz.ru</p> <p>Registration number: 6660000400 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
310.	<p>Joint Stock Company Vzlet Engineering Testing Support</p> <p>Local name: Акционерное Общество «Инженерное Сопровождение Испытаний «Взлет» (АО «ИСИ «Взлет»)</p> <p>A.k.a: AO ISI Vzlet</p>	<p>Address(es): 416511, Astrakhan Oblast, Aktyubinsk District, Territory № 1, Building 5, Russian Federation; 476507, Astrakhan Oblast, Aktyubinsk District, Aktyubinsk-7, ISI Vzlet Room, Russian Federation</p> <p>Telephone: +7 (85141) 4-03-23; +7 (85141) 3-02-01</p> <p>Website: https://vzlet.kret.com/</p> <p>Email: isi.vzlet@yandex.ru</p> <p>Registration number: 3022001050 (Tax ID/INN)</p>	16.12.2022
311.	<p>Joint Stock Company Zhiguli Radio Plant</p> <p>Local name: Акционерное Общество «Жигулевский Радиозавод» (АО «ЖРЗ»)</p> <p>A.k.a: AO ZhrZ</p>	<p>Address(es): 445359, Samara Oblast, Zhigulevsk, Radiozavodskaya Str., 1, Russian Federation</p> <p>Telephone: +7 (84862) 2-17-24</p> <p>Website: https://zhigulevskiyradiozavod.kret.com/</p> <p>Email: radioplant@mail.ru</p> <p>Registration number: 6345012304 (Tax ID/INN)</p>	16.12.2022
312.	<p>Joint Stock Company Bryansk Electromechanical Plant</p> <p>Local name: Акционерное Общество «Брянский Электромеханический Завод» (АО «БЭМЗ»)</p> <p>A.k.a: AO BEMZ</p>	<p>Address(es): 241017, Bryansk Oblast, Bryansk, Vokzalnaya Str., 136, Russian Federation</p> <p>Telephone: +7 (4832)53-01-01</p> <p>Website: http://aobemz.ru/</p> <p>Email: mail@aobemz.ru</p> <p>Registration number: 3255517577 (Tax ID/INN)</p>	16.12.2022
313.	<p>Public Joint Stock Company Moscow Institute of Electro-Mechanics and Automation</p> <p>Local name: Публичное Акционерное Общество «Московский Институт Электромеханики и Автоматики» (ПАО «МИЭА»)</p> <p>A.k.a: PAO MIEA, Moscow Institute of Electromechanics and Automatics PJSC, Moskovskiy Institut Elektromekhaniki i Avtomatiki</p>	<p>Address(es): 125167, Moscow, Aviatsionny Pereulok, 5, Russian Federation</p> <p>Telephone: +7 499 152-48-74</p> <p>Website: https://aomiea.ru/; https://miea.kret.com/</p> <p>Email: aomiea@aviapribor.ru</p> <p>Registration number: 7714025469 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
314.	Public Joint Stock Company Stavropol Radio Plant Signal Local name: Публичное Акционерное Общество Ставропольский Радиозавод «Сигнал» (ПАО «Сигнал») A.k.a: Signal Radio Plant; PJSC Signal; Public Joint Stock Company Stavropol Radioplant "Signal"	Address(es): 355014, Stavropol Krai, Stavropol, 2nd Yugo- Zapadny Proezd, 9A, Russian Federation Telephone: +7 (8652) 77-98-35 Website: http://signalrp.ru/ Email: info@signalrp.ru Registration number: 2635000092 (Tax ID/INN)	16.12.2022
315.	Public Joint Stock Company Techpribor Local name: Публичное Акционерное Общество «Техприбор» (ПАО «Техприбор») A.k.a: PAO Techpribor	Address(es): 196128, St. Petersburg, Varshavskaya Str., 5A, Russian Federation Telephone: (812) 648-85-82; +7 812 648-84-76 Website: http://techpribor.ru/ Email: info@techpribor.ru Registration number: 7810237177 (Tax ID/INN)	16.12.2022
316.	Joint Stock Company Ramensky Instrument- Engineering Plant Local name: Акционерное Общество «Раменский Приборостроительный Завод» (АО «РПЗ») A.k.a: AO RPZ	Address(es): 140100, Moscow Oblast, Ramenskoye, Mikhalevicha Str., 39, Building 20, Floor 2, Room 124, Russian Federation Telephone: +7 (495)995-94-03 Website: https://rpz.kret.com/ Email: pochta@rpz.ru Registration number: 5040001426 (Tax ID/INN)	16.12.2022
317.	V.V. Tarasov Avia Avtomatika Local name: Акционерное Общество «Авиаавтоматика» имени В.В. Тарасова» (АО «Авиаавтоматика» им. В.В. Тарасова) A.k.a: Kursk Pribor; Joint Stock Company Aviaavtomatika named after V.V. Tarasov	Address(es): 305040, Kursk Oblast, Kursk, Zapolnaya Str., 47, Russian Federation Telephone: +7 (4712) 72-24-83; +7 (4712) 72-28-83 Website: http://www.aviaavtomatika.ru/ ; https://www.privodpribor.ru/ Email: plant@aviaavtomatika.ru Registration number: 4629019412 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
318.	<p>Design Bureau of Chemical Machine Building KBKhM</p> <p>Local name: Акционерное Общество «Конструкторское Бюро Химического Машиностроения имени А.М. Исаева» (АО «КБхиммаш им. А.М. Исаева»)</p> <p>A.k.a: A.M. Isayev Chemical Engineering Design Bureau; KB KhimMash; Joint Stock Company “Chemical Machine Building Design Bureau named after A.M. Isayev”</p>	<p>Address(es): 141070, Moscow Oblast, Korolev, Bogomolova Str., 12, Russian Federation</p> <p>Telephone: +8 (499) 429-03-02</p> <p>Website http://kbhmisaeva.ru/</p> <p>Email: kbhimmash@korolev-net.ru</p> <p>Registration number: 5018202198 (Tax ID/INN)</p>	16.12.2022
319.	<p>Far Eastern Shipbuilding and Ship Repair Center</p> <p>Local name: Акционерное Общество «Дальневосточный Центр Судостроения и Судоремонта» (АО «ДЦСС»)</p> <p>A.k.a: AO DTSSS</p>	<p>Address(es): 690001, Primorsky Krai, Vladivostok, Svetlanskaya Str., 72, Russian Federation</p> <p>Telephone: +8 (423) 2651736</p> <p>Website https://dcss.ru/</p> <p>Email: dcss@dcss.ru</p> <p>Registration number: 2536196045 (Tax ID/INN)</p>	16.12.2022
320.	<p>Pyushin Aviation Complex Branch: Myasishcheva Experimental Mechanical Engineering Plant</p> <p>Local name: Филиал ПАО «Авиационный Комплекс им С.В. Ильюшина» – «Экспериментальный Машиностроительный Завод им. В.М. Мясищева»</p> <p>A.k.a: Myasishcheva EMZ; V.M. Myasishchev Experimental Mechanical Engineering Plant PJSC; Branch of S.V. Pyushin Aviation Complex PJSC – IV.M. Myasishchev Experimental Machine-Building Plant</p>	<p>Address(es): 140182, Moscow Oblast, Zhukovsky, Narkomvod Str., 7, Russian Federation</p> <p>Telephone: +7 (495) 664-76-76</p> <p>Website: http://www.emz-m.ru/</p> <p>Email: mdb@emz-m.ru</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
321.	<p>Institute of Marine Technology Problems Far East Branch Russian Academy of Sciences</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение Науки Институт Проблем Морских Технологий им. Академика М.Д. Агеева Дальневосточного Отделения Российской Академии Наук (ИПМТ ДВО РАН)</p> <p>A.k.a: Federal State Budgetary Institution of Science M.D. Ageev Institute of Marine Technology Problems Far East Branch Russian Academy of Sciences; IPMT DVO RAN; IPMT FEB RAS</p>	<p>Address(es): 690091, Primorsky Krai, Vladivostok, Sukhanova Str., 5A, Russian Federation</p> <p>Telephone: +7 (423) 243-24-16</p> <p>Website: http://imtp.febras.ru</p> <p>Email: imtp@marine.febras.ru</p> <p>Registration number: 2536007749 (Tax ID/INN)</p>	16.12.2022
322.	<p>Irkutsk Aviation Plant</p> <p>Local name: Филиал ПАО «Яковлев» — Иркутский Авиационный Завод</p> <p>A.k.a: Branch of PJSC Yakovlev – Irkutsk Aviation Plant; Irkutsk Aircraft Factory</p>	<p>Address(es): 664020, Irkutsk Oblast, Irkutsk, Novatorov Str., 3, Russian Federation</p> <p>Telephone: +7 (3952) 21-16-75</p> <p>Website: https://www.yakovlev.ru/structure/aviation-factory/; http://www.irkut.com/ru/corporation/iaz/</p> <p>Email: iaz@irkut.ru</p>	16.12.2022
323.	<p>Joint Stock Company Aerocomposit Ulyanovsk Plant</p> <p>Local name: Акционерное Общество «АэроКомпозит» — Ульяновский Завод; Филиал АО «АэроКомпозит» в городе Ульяновск</p> <p>A.k.a: Branch of AeroKomposit JSC in the city of Ulyanovsk</p>	<p>Address(es): 432072, Ulyanovsk Oblast, Ulyanovsk, Antonov Prospekt, 1, Russian Federation</p> <p>Telephone: +7 (8422) 59-06-00</p> <p>Website: http://aerocomposit.ru</p> <p>Email: info@u-composit.ru</p>	16.12.2022
324.	<p>Joint Stock Company Experimental Design Bureau named after A.S. Yakovlev</p> <p>Local name: Акционерное Общество «Опытно-Конструкторское Бюро им. А.С. Яковлева» (АО «ОКБ ИМ. А.С. Яковлева»)</p> <p>A.k.a: Joint-Stock Company “A. S. Yakovlev Design Bureau”; A.S Yakovlev EDB</p>	<p>Address(es): 125315, Moscow, Leningradsky Prospekt, 68, Russian Federation</p> <p>Telephone: +7 (495) 787-28-77</p> <p>Website: http://www.yak.ru/</p> <p>Email: okb@yak.ru</p> <p>Registration number: 7714039849 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
325.	<p>Joint Stock Company Federal Research and Production Center Altai</p> <p>Local name: Акционерное Общество «Федеральный Научно-Производственный Центр «Алтай» (АО «ФНПЦ «Алтай»)</p> <p>A.k.a: AO FNPZ Altai</p>	<p>Address(es): 659322, Altai Krai, Biysk, Socialisticheskaya Str., 1, Russian Federation</p> <p>Telephone: 8-800-300-8379</p> <p>Website: http://frpc.secna.ru/</p> <p>Email: post@frpc-altay.ru</p> <p>Registration number: 2204051487 (Tax ID/INN)</p>	16.12.2022
326.	<p>Joint Stock Company “Head Special Design Bureau Prozhektor”</p> <p>Local name: Акционерное Общество «Головное Особое Конструкторское Бюро «Прожектор» (АО «ГОКБ «Прожектор»)</p> <p>A.k.a: AO GOKB Prozhektor</p>	<p>Address(es): 111123, Moscow, Enthusiastov Highway, 56, Russian Federation</p> <p>Telephone: +7 (495) 305-59-25</p> <p>Website: https://projektor.su/</p> <p>Email: info@projektor.su</p> <p>Registration number: 7720699480 (Tax ID/INN)</p>	16.12.2022
327.	<p>Joint Stock Company Ilyushin Aviation Complex</p> <p>Local name: Публичное Акционерное Общество «Авиационный Комплекс им. С.В. Ильюшина» (ПАО «Ил»)</p> <p>A.k.a: Ilyushin; Ilyushin Design Bureau; PJSC Aviation Complex named after S. V. Ilyushin; PAO “И”</p>	<p>Address(es): 125190, Moscow, Leningradsky Prospekt, 45G, Russian Federation</p> <p>Telephone: +7 (499) 943-81-17; +7 (499) 943-81-21</p> <p>Website: http://ilyushin.org/</p> <p>Email: info@ilyushin.net</p> <p>Registration number: 7714027882 (Tax ID/INN)</p>	16.12.2022
328.	<p>Joint Stock Company Lazurit Central Design Bureau</p> <p>Local name: Акционерное Общество «Центральное Конструкторское Бюро «Лазурит» (АО «ЦКБ «Лазурит»)</p> <p>A.k.a: AO TsKB Lazurit</p>	<p>Address(es): 603003, Nizhny Novgorod Oblast, Nizhny Novgorod, Svobody Str., 57, Russian Federation</p> <p>Telephone: +7 (831) 273-84-00; +7 (831) 273-00-69</p> <p>Website: https://cdb-lazurit.ru/</p> <p>Email: cdb@cdb-lazurit.ru</p> <p>Registration number: 5263000105 (Tax ID/INN)</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
329.	<p>Joint Stock Company Research and Development Enterprise Protek</p> <p>Local name: Акционерное Общество Научно-Внедренческое Предприятие «Протек» (АО НВП «Протек»)</p> <p>A.k.a: AO NVP Protek</p>	<p>Address(es): 394028, Voronezh Oblast, Voronezh, Basovaya Str., 6, Russian Federation</p> <p>Telephone: +7 (473) 220-47-22; +7 (473) 220-47-23</p> <p>Website: http://www.protek-vrn.ru/</p> <p>Email: protek@protek-vrn.ru</p> <p>Registration number: 3665017521 (Tax ID/INN)</p>	16.12.2022
330.	<p>Joint Stock Company SPMDB Malachite</p> <p>Local name: Акционерное Общество «Санкт-Петербургское Морское Бюро Машиностроения «Малахит» (АО «СПМБМ «Малахит»)</p> <p>A.k.a: Joint Stock Company “St. Petersburg Marine Bureau of Machine Building “Malakhit”; Malakhit Marine Engineering Bureau; St. Petersburg Marine Bureau of Machine Building Malakhit; AO SPMBM Malakhit</p>	<p>Address(es): 196135, St. Petersburg, Frunze Str., 18, Russian Federation</p> <p>Telephone: +7 (812) 242-85-85</p> <p>Website: http://malachite-spb.ru/</p> <p>Email: info-ckb@malachite-spb.ru</p> <p>Registration number: 7810537540 (Tax ID/INN)</p>	16.12.2022
331.	<p>Kalyazinsky Machine Building Factory – Branch of RSK MiG</p> <p>Local name: Филиал АО «РСК «МиГ» «Калязинский Машиностроительный Завод»; Филиал Публичного Акционерного Общества «Объединенная Авиастроительная Корпорация» - Калязинский Машиностроительный Завод (Филиал ПАО «ОАК» - Калязинский Машиностроительный Завод)</p> <p>A.k.a: Branch of Public Joint Stock Company “United Aircraft Corporation” – Kalyazinskiy Machine Building Factory; Kalyazinskiy Machine Building Plant</p>	<p>Address(es): 171573, Tver Oblast, Kalyazin District, Kalyazin, Industrialnaya Str. 5, Russian Federation</p> <p>Telephone: +7 (48249) 2-07-50; +7 (48249)-2-30-57</p> <p>Website: http://www.migavia.ru/index.php/ru/o-korporatsii/struktura/proizvodstvennyj-klaster/kalyazinskij-mashinostroitelnyj-zavod-filial-ao-rsk-mig</p> <p>Email: kmz@kalazin.tver.ru; kmz@rsk-mig.ru</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
332.	<p>Main Directorate of Deep-Sea Research of the Ministry of Defense of the Russian Federation</p> <p>Local name: Главное Управление Глубоководных Исследований Министерства Обороны Российской Федерации (ГУГИ)</p> <p>A.k.a: Main Directorate of Deep-Sea Research; GUGI; Hydrographic Service of the Navy; Department of Navigation and Oceanography of the Ministry of Defence of the Russian Federation</p>	<p>Address(es): 125413, Moscow, Onezhskaya Str., 26A / 119019, Russian Federation; 199034, St. Petersburg, 8, 11 line of Vasilievsky Island, Russian Federation</p>	16.12.2022
333.	<p>NPP Start</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Старт» им. А.И. Яскина» (АО «НПП «Старт» им. А. И. Яскина»)</p> <p>A.k.a: AO NPP Start im. A. I. Yaskina; JSC Research and Production Enterprise “Start” named after A.I. Yaskin</p>	<p>Address(es): 620007, Sverdlovsk Oblast, Ekaterinburg, Pribaltiyskaya Str., 24, Russian Federation</p> <p>Telephone: +7 (343) 228-92-22</p> <p>Website: https://nppstart.ru/</p> <p>Email: nppstart@tdhc.ru</p> <p>Registration number: 6662054224 (Tax ID/INN)</p>	16.12.2022
334.	<p>ОАО Radiofizika</p> <p>Local name: Публичное Акционерное Общество «Радиофизика» (ПАО «Радиофизика»)</p> <p>A.k.a: PJSC Radiophysics; PAO Radiofizika</p>	<p>Address(es): 125480, Moscow, Geroev Panfilovtsev Str., 10, Russian Federation</p> <p>Telephone: + 7 (495) 272-48-01</p> <p>Website: https://radiofizika.ru/</p> <p>Email: mail@radiofizika.ru</p> <p>Registration number: 7733022671 (Tax ID/INN)</p>	16.12.2022
335.	<p>P.A. Voronin Lukhovitsk Aviation Plant, Branch of RSK MiG</p> <p>Local name: Филиал Публичного Акционерного Общества «Объединенная Авиастроительная Корпорация» – Луховицкий Авиационный Завод имени П.А. Воронина (Филиал ПАО «ОАК» - Луховицкий Авиационный Завод)</p> <p>A.k.a: Branch of Public Joint Stock Company “United Aircraft Corporation” – Lukhovitsky Aviation Plant named after P. A. Voronin; LAZ im. P. A. Voronina</p>	<p>Address(es): 140500, Moscow Oblast, Lukhovitsky District, Territory LAZ imeni Pavla Andreevicha Voronina, Russian Federation</p> <p>Telephone:</p> <p>Website: https://www.uacrussia.ru/ru/corporation/company/lukhovitskiy-aviatsionnyy-zavod/</p> <p>Email: laz@rsk-mig.ru</p>	16.12.2022

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Number	Name	Identifying Information	Date of listing
336.	Public Joint Stock Company Bryansk Special Design Bureau Local name: Публичное Акционерное Общество «Брянское Специальное Конструкторское Бюро» (ПАО «БСКБ») A.k.a: PAO BSKB	Address(es): 241017, Bryansk Oblast, Bryansk, Vokzalnaya Str., 136, Russian Federation Telephone: +7 (4832) 53-16-82 Website: https://bckb.ru/ Email: mail@bckb.ru Registration number: 3232001722 (Tax ID/INN)	16.12.2022
337.	Public Joint Stock Company Voronezh Joint Stock Aircraft Company Local name: Публичное Акционерное Общество «Воронежское Акционерное Самолетостроительное Общество» (ПАО «ВАСО») A.k.a: PJSC "VASO"; PAO VASO; Voronezh Aircraft Production Association	Address(es): 394029, Voronezh Oblast, Voronezh, Tsiolkovskogo Str., 27, Russian Federation Telephone: +7 473 244-88-00 Website: https://www.vaso.ru/ Email: admin@air.vrn.ru	16.12.2022
338.	Radio Technical Institute named after A. L. Mints Local name: Акционерное Общество «Радиотехнический Институт имени Академика А.Л. Минца» (АО РТИ) A.k.a: Concern Radio-Technical Information Systems; AO RTI; Academician A.L. Mints Radio Engineering Institute	Address(es): 127083, Moscow, 8 Marta Str., 10, Building 1, Russian Federation Telephone: +7 (495) 612-99-99 Website: https://www.rti-mints.ru/ Email: info@rti-mints.ru Registration number: 7713006449 (Tax ID/INN)	16.12.2022

Number	Name	Identifying Information	Date of listing
339.	<p>Russian Federal Nuclear Center – All-Russian Research Institute of Experimental Physics</p> <p>Local name: Федеральное Государственное Унитарное Предприятие «Российский Федеральный Ядерный Центр - Всероссийский Научно-Исследовательский Институт Экспериментальной Физики» (ФГУП «РФЯЦ - ВНИИЭФ»); Филиал Федерального Государственного Унитарного Предприятия «Российский Федеральный Ядерный Центр – Всероссийский Научно-Исследовательский Институт Экспериментальной Физики»; Федеральное Государственное Унитарное Предприятие Федеральный Научно-Производственный Центр «Научно- Исследовательский Институт Измерительных Систем им.Ю.Е.Седакова» (ФГУП «ФНПЦ НИИИС им. Ю. Е. Седакова»)</p> <p>A.k.a: Federal State Unitary Enterprise Yu. E. Sedakov Scientific Research Institute of Measuring Systems; FGUP RFYaTs VNIIEF; FGUP FNPTs NIIS; Sedakov Research Institute of Measuring Systems</p>	<p>Address(es): 603137, Nizhny Novgorod Oblast, Nizhny Novgorod, Tropinina Str., 47, Russian Federation; 607188, Nizhny Novgorod Oblast, Sarov, Prospekt Mira, 37, Russian Federation</p> <p>Telephone: + 7 (831) 466-59-90; 8 (83130) 2-48-02</p> <p>Website: https://vniief.ru/; https://www.niis.nnov.ru/</p> <p>Email: niis@niis.nnov.ru; staff@vniief.ru</p> <p>Registration number: 5254001230 (Tax ID/INN)</p>	16.12.2022
340.	<p>Shvabe JSC</p> <p>Local name: Акционерное Общество «Швабе» (АО «Швабе»)</p> <p>A.k.a: Shvabe</p>	<p>Address(es): 129366, Moscow, Prospekt Mira, 176, Russian Federation</p> <p>Telephone: +7 (499) 951-48-32</p> <p>Website: https://shvabe.com/</p> <p>Email: mail@shvabe.com</p> <p>Registration number: 7717671799 (Tax ID/INN)</p>	16.12.2022
341.	<p>Special Technological Center LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Специальный Технологический Центр» (ООО «СТЦ»)</p> <p>A.k.a: STC LLC; Special Technology Center Ltd.; Special Technology Centre Limited Liability Company; ООО STTs</p>	<p>Address(es): 195220, St. Petersburg, Gzhatskaya Str., 21, Office 53, Letter B, Russian Federation; 195220, St. Petersburg Piskarevsky Prospekt, 150, Building 5, Russian Federation</p> <p>Telephone: +8 (812) 244-33-13</p> <p>Website: https://www.stc-spb.ru/</p> <p>Registration number: 7802170553 (Tax ID/INN)</p>	16.12.2022

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342.	<p>St. Petersburg Shipbuilding Institution Krylov</p> <p>Local name: Федеральное Государственное Унитарное Предприятие «Крыловский Государственный Научный Центр» (ФГУП «Крыловский Государственный Научный Центр»)</p> <p>A.k.a: Federal State Unitary Enterprise Krylov State Scientific Centre; Krylov State Research Centre; FSUE Krylov State Scientific Centre</p>	<p>Address(es): 196158, St. Petersburg, Moskovskoye Highway, 44, Russian Federation; 109240, Moscow, Slavyanskaya Square, 2/5/4, Building 3, Russian Federation</p> <p>Telephone: +7 (812) 415-46-07; +7 (499) 502-76-62</p> <p>Website: https://krylov-centre.ru/</p> <p>Email: krylov@ksrc.ru; mpkrylov@mail.ru</p> <p>Registration number: 7810213747 (Tax ID/INN)</p>	16.12.2022
343.	<p>Strategic Control Posts Corporation</p> <p>Local name: Акционерное Общество «Корпорация «Стратегические Пункты Управления» (АО «Корпорация «СПУ-ЦКБ ТМ»)</p> <p>A.k.a: CCB TM; AO SPU-TsKB TM; Central Design Bureau of Heavy Machine Building; JSC Corporation SPU-CCB TM</p>	<p>Address(es): 109052, Moscow, Podyomnaya Str., 12A, Russian Federation</p> <p>Telephone: +7 (495) 673-62-46</p> <p>Website: https://ckbtm.org/</p> <p>Email: mail@corpssp.ru</p> <p>Registration number: 7722775458 (Tax ID/INN)</p>	16.12.2022
344.	<p>V.A. Trapeznikov Institute of Control Sciences of the Russian Academy of Sciences</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение Науки Институт Проблем Управления им. В.А. Трапезникова Российской Академии Наук (ИПУ РАН)</p> <p>A.k.a: ICS RAS; IPU RAN; Institute of Control Sciences RAS</p>	<p>Address(es): 117997, Moscow, Profsoyuznaya Str., 65, Russian Federation</p> <p>Telephone: +7 495 334-89-10</p> <p>Website: http://ipu.ru/</p> <p>Email: novikov@ipu.ru</p> <p>Registration number: 7728013512 (Tax ID/INN)</p>	16.12.2022
345.	<p>Vladimir Design Bureau for Radio Communications OJSC</p> <p>Local name: Открытое Акционерное Общество «Владимирское Конструкторское Бюро Радиосвязи» (ОАО «ВКБР»)</p> <p>A.k.a: ОАО VKBR</p>	<p>Address(es): 600017, Vladimir Oblast, Vladimir, Baturina Str., 28, Russian Federation; 600009, Vladimir, P.O. Box 68, Russian Federation</p> <p>Telephone: +7 (4922) 43-15-54</p> <p>Website: http://elcom.ru/~vkbrs/</p> <p>Email: vkbrs@vkbrs.elcom.ru</p> <p>Registration number: 3328412561 (Tax ID/INN)</p>	16.12.2022

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346.	Voentelecom JSC Local name: Акционерное Общество «Воентелеком» (АО «Воентелеком»)	Address(es): 107014, Moscow, Bolshaya Olenya Str. 15A, Building 1, Russian Federation Telephone: +7 (495) 609-50-05, +7 (985) 900-50-05 Website: https://voentelecom.ru Email: info@voentelecom.ru Registration number: 7718766718 (Tax ID/INN)	16.12.2022
347.	A.A. Kharkevich Institute for Information Transmission Problems (ИИП), Russian Academy of Sciences (RAS) Local name: Федеральное Государственное Бюджетное Учреждение Науки Институт Проблем Передачи Информации им. А.А. Харкевича Российской Академии Наук (ИППИ РАН) A.k.a: ИППИ РАН; ИИП РАС	Address(es): 127051, Moscow, Bolshoy Karetny Pereulok, 19, Building 1, Russian Federation Telephone: +7 (495) 650-42-25 Website: http://iitp.ru/ Email: director@iitp.ru Registration number: 7707020131 (Tax ID/INN)	16.12.2022
348.	Ak Bars Holding Local name: Акционерное Общество «Холдинговая Компания «Ак Барс» (АО «Холдинговая Компания «Ак Барс») A.k.a: “Ak Bars” Holding Company JSC	Address(es): 420094, Kazan, Korolenko Str., 58a, Russian Federation Telephone: +7 (843) 511-45-50 Website: http://abh.ru/ Email: abh@abh.ru Registration number: 1657049075 (Tax ID/INN)	16.12.2022
349.	Special Research Bureau for Automation of Marine Researches of the Far East Branch of the Russian Academy of Sciences Local name: Федеральное Государственное Бюджетное Учреждение Науки Специальное Конструкторское Бюро Средств Автоматизации Морских Исследований Дальневосточного Отделения Российской Академии Наук (СКБ САМИ ДВО РАН) A.k.a: SKB SAMI DVO RAN; Federal State Budgetary Institution of Science Special Design Bureau of Marine Research Automation Means of the Far Eastern Branch of the Russian Academy of Sciences; SKB SAMI FEB RAS;	Address(es): 693023, Sakhalin Oblast, Yuzhno-Sakhalinsk, Aleksei Maksimovich Gorky Str., 25, Russian Federation Telephone: +8 (4242) 23-69-66; +8 (4242) 75-05-70 Website: https://skbsami.ru/ Email: skb@skbsami.ru Registration number: 6501084820 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
350.	Systems of Biological Synthesis LLC Local name: Общество с Ограниченной Ответственностью «Системы Биологического Синтеза» (ООО «СБС») A.k.a: SBS LLC; ООО SBS	Address(es): 129515, Moscow, Akademika Koroleva Str., 13, Building. 1, Floor 2, Premises II, Room 60, 61, Russian Federation Telephone: +7 (499) 674-70-08 Website: https://sysbiosyn.ru/ Email: infor@sysbiosyn.ru Registration number: 7736314136 (Tax ID/INN)	16.12.2022
351.	Borisfen, JSC Local name: Акционерное Общество «Борисфен» (АО «Борисфен»)	Address(es): 125252, Moscow, 2nd Peschanaya Str., 4, Premises 1a, Rooms 1-4, Russian Federation Telephone: +7 (495) 411-51-11 Website: https://bf-avia.ru/ Email: info@bf-avia.ru Registration number: 7743754385 (Tax ID/INN)	16.12.2022
352.	Barnaul Cartridge Plant, JSC Local name: Акционерное Общество «Барнаульский Патронный Завод» (АО «БПЗ») A.k.a: BCP	Address(es): 656002, Altai Krai, Barnaul, Kulagina Str., 28, Russian Federation Telephone: +7 (3852) 77-55-65 Website: https://www.barnaulpatron.ru/ Email: ammo@bszholding.ru Registration number: 2224080239 (Tax ID/INN)	16.12.2022
353.	Concern Avrora Scientific and Production Association, JSC Local name: Акционерное Общество «Концерн «Научно-Производственное Объединение «Аврора» (АО «Концерн «НПО «Аврора») A.k.a: JSC Avrora; АО Kontsern NPO Avrora”	Address(es): 194021, St. Petersburg, Karbyshev Str. 15, Russian Federation Telephone: +7 (812) 297-23-11 Website: http://avrorasystems.com/ Email: mail@avrorasystems.com Registration number: 7802463197 (Tax ID/INN)	16.12.2022

Number	Name	Identifying Information	Date of listing
354.	Bryansk Automobile Plant, JSC Local name: Акционерное Общество «Брянский Автомобильный Завод» (АО «БАЗ») A.k.a: AO BAZ; Joint Stock Company "Bryansk Automobile Factory"	Address(es): 241035, Bryansk Oblast, Bryansk, Staleliteynaya Str., 1, Russian Federation Telephone: +7 4832 221500 Website: http://www.baz32.ru/ Email: info@baz32.ru Registration number: 3255502838 (Tax ID/INN)	16.12.2022
355.	Burevestnik Central Research Institute, JSC Local name: Акционерное Общество «Центральный Научно-Исследовательский Институт «Буревестник» (АО «ЦНИИ «Буревестник») A.k.a: AO TsNII Burevestnik	Address(es): 603950, Nizhny Novgorod Oblast, Nizhny Novgorod, Sormovskoye Shosse, 1A, Russian Federation Telephone: +7 (831) 241-12-42 Website: https://www.burevestnik.com/ Email: mail@burevestnik.com Registration number: 5259075468 (Tax ID/INN)	16.12.2022
356.	Research Institute of Space Instrumentation, JSC Local name: Акционерное Общество «Научно- Исследовательский Институт Космического Приборостроения» (АО «НИИ КП») A.k.a: AO NII KP	Address(es): 111024, Moscow, Aviamotornaya Str., 53, Building. 1, Floor 2, Premises VII, Room 12-14, Russian Federation Telephone: +7 (495) 517-92-00 Website: https://orkkniikp.ru/ Email: info@orkkniikp.ru Registration number: 7722488005 (Tax ID/INN)	16.12.2022
357.	Arsenal Machine-Building plant, OJSC Local name: Открытое Акционерное Общество «Машино-строительный Завод «Арсенал» (ОАО «МЗ «Арсенал») A.k.a: ОАО MZ Arsenal	Address(es): 195009, St. Petersburg, Komsomola Str., 1-3, Russian Federation Telephone: +7 (812) 292 40 11 Website: http://www.mzarsenal.spb.ru/ Email: arsenal@mzarsenal.com Registration number: 7804040302 (Tax ID/INN)	16.12.2022

Number	Name	Identifying Information	Date of listing
358.	Zelenodolsk Design Bureau, JSC Local name: Акционерное Общество «Зеленодольское Проектно-Конструкторское Бюро» (АО «Зеленодольское ПКБ») A.k.a: AO Zelenodolskoe PKB; ZPKB	Address(es): 422540, Republic of Tatarstan, Zelenodolsk, Lenin Str., 41a, Russian Federation Telephone: +7 (84371) 530-66 Website: https://zpkb.com/ Email: info@zpkb.com Registration number: 1648024290 (Tax ID/INN)	16.12.2022
359.	Zavod Elecon, JSC Local name: Акционерное Общество «Завод Электон» (АО «Завод Электон») A.k.a: OA Zavod Elekon	Address(es): 420094, Republic of Tatarstan, Kazan, Korolenko Str., 58, Russian Federation Telephone: +7 (843) 510-10-10 Website: https://zavod-elecon.ru/ Email: office@zavod-elecon.ru Registration number: 1657032272 (Tax ID/INN)	16.12.2022
360.	VMP "Avitec", JSC Local name: Акционерное Общество «Вятское Машиностроительное Предприятие «Авитек» (АО «ВМП «Авитек») A.k.a: АО VMP Avitek; Joint Stock Company Vyatka Machine-Building Enterprise Avitek; Joint Stock Company Vyatskoye Mashinostroitelnoye Predpriyatiye Avitek	Address(es): 610047, Kirov Oblast, Kirov, Oktyabrsky Prospekt, 1A, Russian Federation Telephone: +7-800-222-43-43, +7 (8332) 232-522 Website: https://vmpavitec.ru/ Email: info@vmpavitec.ru Registration number: 4345047310 (Tax ID/INN)	16.12.2022
361.	JSC V. V. Tikhomirov Scientific Research Institute of Instrument Design Local name: Акционерное Общество «Научно- Исследовательский Институт Приборостроения имени В.В. Тихомирова» (АО «НИИП имени В.В. Тихомирова») A.k.a: JSC "V.V. Tikhomirov Scientific Research Institute of Instrument Engineering"; AO NIIP imeni V. V. Tikhomirova; Joint Stock Company "Scientific Research Institute of Instrument Engineering named after V.V. Tikhomirov"	Address(es): 140180, Moscow Oblast, Zhukovsky, Gagarina Str., 3, Russian Federation Telephone: +7 (495) 556-23-48 Website: https://niip.ru Email: niip@niip.ru Registration number: 5013045054 (Tax ID/INN)	16.12.2022

Number	Name	Identifying Information	Date of listing
362.	Tulatochmash, JSC Local name: Акционерное Общество «Тулаточмаш» (АО «Тулаточмаш»)	Address(es): 300041, Tula Oblast, Tula, Kominterna Str., 24, Russian Federation Telephone: +7 (4872) 32-93-38 Website: https://tulatochmash.ru/ Email: info@tulatochmash.ru Registration number: 7106002829 (Tax ID/INN)	16.12.2022
363.	PJSC “I.S. Brook” INEUM Local name: Публичное Акционерное Общество «Институт Электронных Управляющих Машин им. И.С. Брука» (ПАО «ИНЭУМ им. И.С. Брука») A.k.a: Public Joint Stock Company Institute of Electronic Control Computers named after I.S. Bruk; JSC INEUM; AO INEUM im. I.S. Bruka	Address(es): 119334, Moscow, Vavilova Str., 24, Russian Federation Telephone: +7 (499) 135 33 21 Website: http://ineum.ru/ Email: ineum@ineum.ru Registration number: 7736005096 (Tax ID/INN)	16.12.2022
364.	SPE “Krasnoznamenets”, JSC Local name: Акционерное Общество «Научно-Производственное Предприятие «Краснознамёнец» (АО «НПП «Краснознамёнец») A.k.a: Scientific and Production Enterprise Krasnoznamenets; Research and Production Enterprise “Krasnoznamyonets”; AO NPP Krasnoznamenets	Address(es): 195043, St. Petersburg, Chelyabinskaya Str., 95, Russian Federation Telephone: +7(812)677-04-48 Website: http://npp-krzn.ru/ Email: vpetrov@krzn.ru Registration number: 7806469104 (Tax ID/INN)	16.12.2022
365.	SPA Pribor named after S.S. Golembiovsky, JSC Local name: Акционерное Общество «Научно- Производственное Объединение «Прибор» имени С.С. Голембиовского» (АО «НПО «Прибор» имени С.С. Голембиовского») A.k.a: JSC “Scientific and Production Association “Pribor” named after S.S. Golembiovsky”; AO NPO Pribor imeni S. S. Golumbiovskogo	Address(es): 117587, Moscow, Kirovogradskaya Str., 1, Russian Federation Telephone: +8 991 626 39 22 Website: https://www.militarypribor.ru/ Email: s.kluev@ao-pribor.ru Registration number: 7726700943 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
366.	SPA "Impuls", JSC Local name: Акционерное Общество «Научно-Производственное Объединение «Импульс» (АО «НПО «Импульс») A.k.a: Joint Stock Company "Research and Production Association "Impulse"; AO NPO Impuls	Address(es): 195299, St. Petersburg, Kirishskaya Str., 2, Letter A, Russian Federation; Telephone: +7 (812) 590-38-33 Website: http://npoimpuls.ru/ Email: kanz@npoimpuls.ru Registration number: 7804478424 (Tax ID/INN)	16.12.2022
367.	RusBITech Local name: Акционерное Общество «Научно- Производственное Объединение Русские Базовые Информационные Технологии» (АО «НПО РусBITech») A.k.a: Joint Stock Company "Scientific and Production Association Russian Basic Information Technologies"; AO NPO RusBITech; RPA RusBITech	Address(es): 117105, Moscow, Varshavskoe Shosse, 26, Russian Federation Telephone: +7 (495) 648-06-40 Website: https://rusbitech.ru/ Email: mail@rusbitech.ru Registration number: 7726604816 (Tax ID/INN)	16.12.2022
368.	ROTOR 43 Local name: Общество с Ограниченной Ответственностью «Ротор-43» (ООО «Ротор-43») A.k.a: Rotor-43 LLC; ООО Rotor-43	Address(es): 344056, Rostov Oblast, Rostov-on-Don, Kombaynostroiteley Str., 4A, Russian Federation Telephone: +7-928-105-81-67 Website: https://rotor43.ru/ Email: rotor-43@mail.ru Registration number: 6166117477 (Tax ID/INN)	16.12.2022
369.	Rostov Optical and Mechanical Plant, PJSC Local name: Публичное Акционерное Общество «Ростовский Оптико-Механический Завод» (ПАО «РОМЗ») A.k.a: PJSC "ROMZ"; PAO ROMZ; Public Joint Stock Company "Rostov Optical-Mechanical Plant"	Address(es): 152150, Yaroslavl Oblast, Rostov, Savinskoye Shosse, 36, Russian Federation Telephone: +7 (48536) 9-52-03 Website: http://romz.ru/ Email: priem@romz.ru Registration number: 7609000881 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
370.	RATEP, JSC Local name: Акционерное Общество «РАТЕП» (АО «РАТЕП») A.k.a: AO RATEP	Address(es): 142205, Moscow Oblast, Serpukhov, Dzerzhinskogo Str., 11, Russian Federation Telephone: +7 (4967) 78-64-00 Website: https://www.ratep.ru/ Email: ratep@ratep.ru Registration number: 5043000212 (Tax ID/INN)	16.12.2022
371.	PLAZ Local name: Общество с Ограниченной Ответственностью «ПЛАЗ» (ООО «ПЛАЗ») A.k.a: PLAZ LLC; ООО PLAZ	Address(es): 194021, St. Petersburg, Politekhnikeskaya Str., 22, Letter V, Room 1-H, Russian Federation Telephone: +7 (812) 363-33-67 Website: https://www.plazlink.com/ Email: plaz@plazlink.com Registration number: 7816388172 (Tax ID/INN)	16.12.2022
372.	ОКБ "Technika" Local name: Общество с Ограниченной Ответственностью «Опытно-Конструкторское Бюро «Техника» (ООО «ОКБ «Техника») A.k.a: Limited Liability Company Experimental Design Bureau Technika; ООО ОКБ Tekhnika	Address(es): 115191, Moscow, Novaya Zarya Str., 6, Russian Federation Telephone: +7 (495) 954-51-51 Website: https://www.plazlink.com/ Email: plaz@plazlink.com Registration number: 7725568298 (Tax ID/INN)	16.12.2022
373.	Ocean Chips Local name: Общество с Ограниченной Ответственностью «Океан Электроники» (ООО «Океан Электроники») A.k.a: Ocean Electronics Limited Liability Company; ООО Okean Elektroniki	Address(es): 198099, St. Petersburg, Kalinina Str., 2, Building 4, Letter A, Premises 1N, Room 10, Russian Federation Telephone: +7 (812) 309-75-97 Website: https://oceanchips.ru/ Email: ocean@oceanchips.ru Registration number: 7813525631 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
374.	Nudelman Precision Engineering Design Bureau Local name: Акционерное Общество «Конструкторское Бюро Точного Машиностроения имени А.Э. Нудельмана» (АО «КБточмаш им. А.Э. Нудельмана») A.k.a: KB Tochmash; Joint Stock Company “Design Bureau of Precision Engineering named after A.E. Nudelman”; АО KBTochmash im. A. E. Nudelmana	Address(es): 117342, Moscow, Vvedenskogo Str., 8, Russian Federation Telephone: +7 495 333 01 65 Website: http://kbtochmash.ru/ Email: mail@kbtochmash.ru Registration number: 7728789425 (Tax ID/INN)	16.12.2022
375.	Angstrem JSC Local name: Акционерное Общество «Ангстрем» (АО «Ангстрем»)	Address(es): 124498, Moscow, Zelenograd, Shokina Square, 2, Building 3, Russian Federation Telephone: +7 (499) 720-84-44 Website: http://angstrem.ru/ Email: general@angstrem.r Registration number: 7735010706 (Tax ID/INN)	16.12.2022
376.	NPCAP Local name: Акционерное Общество «Научно- Производственный Центр Автоматики и Приборостроения имени Академика Н.А. Пилогина» (АО «НПЦАП») A.k.a: JSC NPCAP; АО NPTsAP; Joint Stock Company “Academician Pilyugin Scientific- Production Center of Automatics and Instrument Making”; Joint Stock Company Scientific Production Center of Automatics and Instrument Building named after Academician N.A. Pilyugin	Address(es): 117342, Moscow, Vvedenskogo Str., 1, Russian Federation Telephone: +7 (495) 330-65-70 Website: https://npcap.ru/ Email: info@npcap.ru Registration number: 9728050571 (Tax ID/INN)	16.12.2022
377.	Novosibirsk Plant of Artificial Fibre Local name: Акционерное Общество «Новосибирский Завод Искусственного Волокна» (АО «НЗИВ») A.k.a: АО NZIV; JSC NPAF	Address(es): 633208, Novosibirsk Oblast, Iskitim, Yuzhny District, 101, Russian Federation Telephone: +7 (383) 254-77-74 Website: http://nziv.ru/ Email: smimovan@nziv.ru Registration number: 5446013327 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
378.	Novosibirsk Cartridge Plant, JSC (SIBFIRE) Local name: Акционерное Общество «Новосибирский Патронный Завод» (АО «НПЗ») A.k.a: AO NPZ	Address(es): 630108, Novosibirsk Oblast, Novosibirsk, Stantsionnaya Str., 30A, Office 307, Russian Federation Telephone: +7 (383) 364-01-33; +7 (383) 341-35-55 Website: https://sibfire.com/ ; http://lveplant.ru/ Email: otdel_prodag@lveplant.ru ; n-v-a@lveplant.ru Registration number: 5445115799 (Tax ID/INN)	16.12.2022
379.	Novator DB Local name: Акционерное Общество «Опытное Конструкторское Бюро «Новатор» (АО «ОКБ «Новатор») A.k.a: Joint Stock Company “Experimental Design Bureau “Novator”; Novator Design Bureau JSC; AO OKB Novator	Address(es): 620091, Sverdlovsk Oblast, Yekaterinburg, Kosmonavtov Prospekt, 18, Russian Federation Website: http://okb-novator.ru/ (offline) Telephone: +7 (343) 264-13-00 Email: main@okb-novator.ru Registration number: 6673092045 (Tax ID/INN)	16.12.2022
380.	NIMI named after V.V. Bakhirev, JSC Local name: Акционерное Общество «Научно- Исследовательский Машиностроительный Институт имени В.В. Бахирева» (АО «НИМИ им. В.В. Бахирева») A.k.a: Joint Stock Company “V.V. Bakhirev Research and Development Machine Building Institute”; Joint Stock Company Mechanical Engineering Research Institute; Joint Stock Company “Scientific Research Mechanical Engineering Institute named after V.V. Bakhirev”; AO NIMI im. V. V. Bakhireva	Address(es): 125212, Moscow, Leningradskoye Shosse, 58, Russian Federation Telephone: +7 (495) 459-97-78 Website: https://nimi.su/ Email: nimi@nimi.su Registration number: 7743873015 (Tax ID/INN)	16.12.2022
381.	Nevskoe Design Bureau, JSC Local name: Акционерное Общество «Невское Проектно-Конструкторское Бюро» (АО «Невское ПКБ») A.k.a: AO Nevskoe PKB; Joint Stock Company “Nevskoye Design Bureau”	Address(es): 199226, St. Petersburg, Galerny Proezd, 3, Russian Federation Telephone: 7 (812) 635-05-66 Website: http://www.npkb.ru/ Email: info@npkb.ru Registration number: 7801074335 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
382.	Neva Electronica JSC Local name: Акционерное Общество «Нева Электроника» (АО «Нева Электроника»)	Address(es): 196105, St. Petersburg, Yuri Gagarin Prospekt, 2, Letter A, Room 20-N, Russian Federation Telephone: +7 812 646-50-50 Website: https://nevael.ru/ Email: info@nevael.ru Registration number: 7813389280 (Tax ID/INN)	16.12.2022
383.	ENICS Local name: Акционерное Общество «ЭНИКС» (АО «ЭНИКС») A.k.a: АО ENIKS; JSC ENICS	Address(es): 420094, Republic of Tatarstan, Kazan, Korolenko Str., 120, Russian Federation Telephone: +7 (843) 212-07-08 Website: https://enics.aero/ Email: uav@enics.ru Registration number: 1661009974 (Tax ID/INN)	16.12.2022
384.	JSC Makeyev Design Bureau Local name: Акционерное Общество «Государственный Ракетный Центр имени Академика В.П.Макеева» (АО «ГРЦ Макеева») A.k.a: Joint Stock Company “Academician V.P.Makeyev State Rocket Centre”; JSC “Makeyev State Rocket Centre”; Joint Stock Company “State Missile Center named after Akademika V.P. Makeyeva”; Makeyev OKB; Makeyev SRC; AO GRTs Makeyeva	Address(es): 456313, Chelyabinsk Oblast, Miass, Turgoyakskoye Shosse, 1, Russian Federation Telephone: 8 (3513) 28-63-70 Website: https://makeyev.ru/ Email: src@makeyev.ru Registration number: 7415061109 (Tax ID/INN)	16.12.2022
385.	Kurganpribor, JSC Local name: Акционерное Общество «Научно- Производственное Объединение «Курганприбор» (АО «НПО «Курганприбор») A.k.a: Joint-Stock Company “Scientific and Production Association “Kurganpribor”; AO NPO Kurganpribor	Address(es): 640007, Kurgan Oblast, Kurgan, Yastrzhembskogo Str., 41a, Russian Federation Telephone: +7 (3522) 443-529 Website: https://kurganpribor.ru/ Email: kp@kurganpribor.ru Registration number: 4501129676 (Tax ID/INN)	16.12.2022

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Number	Name	Identifying Information	Date of listing
386.	Ural Optical-Mechanical Plant E.S. Yalamova, JSC Local name: Акционерное Общество «Производственное объединение «Уральский оптико-механический завод» имени Э. С. Яламова» (АО «ПО «УОМЗ») A.k.a: JSC “Production Association “Ural Optical and Mechanical Plant” named after E. S. Yalamov”; JSC “PA “UOMP”, АО ПО UOMZ	Address(es): 620100, Yekaterinburg, Vostochnaya Str., 33 B, Russian Federation Telephone: +7 (343) 229-80-75 Website: http://www.uomz.ru/ ; https://uomz.pф/ Email: mail@uomz.com Registration number: 6672315362 (Tax ID/INN)	25.2.2023
387.	Vologda Optical and Mechanical Plant, JSC Local name: Акционерное Общество «Вологодский Оптико-Механический Завод» (АО «ВОМЗ») A.k.a: Joint Stock Company Vologda Optical and Mechanical Plant; OA VOMZ; JSC VOMP	Address(es): 160009, Vologda Oblast, Vologda, Maltseva Str., 54, Russian Federation Telephone: +7 817 221-58-15 Website: https://vomz.ru/ ; https://pilad-vomz.ru/ Registration number: 3525023010 (Tax ID/INN)	25.2.2023
388.	Videoglaz Project Local name: ООО «Видеоглаз Проект» A.k.a: Limited Liability Company “Videoglaz Project”	Address(es): 105118, Moscow, Volnaya Str., 35, Russian Federation; 117041, Moscow, Admiral Rudnev Str., 4, Floor 6, Premises 6, Office 6G Telephone: +7 (495) 278-09-56 Website: https://project.videoglaz.ru/ ; https://vgproekt.ru/ Registration number: 7719828389 (Tax ID/INN)	25.2.2023
389.	Innovative Underwater Technologies, LLC Local name: Общество с Ограниченной Ответственностью «Иновационные Подводные Технологии» (ООО «ИПТ») A.k.a: IPT LLC; OO IPT	Address(es): 198035, St. Petersburg, Mezhevoy Canal Str., 4, Premises 58A, Russian Federation Telephone: +7 (812) 713 03 94 Website: https://ipt.spb.ru/ Email: mail@ipt.spb.ru Registration number: 7805315905 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
390.	Ulyanovsk Mechanical Plant Local name: Акционерное Общество «Ульяновский Механический Завод» (АО «УМЗ») A.k.a: Joint Stock Company Ulyanovsk Mechanical Plant; AO UMZ; JSC UMP	Address(es): 432008, Ulyanovsk Oblast, Ulyanovsk, Moskovskoe Shosse, 94, Russian Federation Telephone: +7 (8422) 40-74-50; +7 (8422) 42-03-70; +7 (8422) 32-61-63 Website: http://aoumz.ru/ ; http://ump.mv.ru/ Email: ump@aoumz.ru Registration number: 7303026762 (Tax ID/INN)	25.2.2023
391.	All-Russian Research Institute of Radio Engineering Local name: Акционерное Общество «Всероссийский Научно-Исследовательский Институт Радиотехники» (АО «ВНИИРТ») A.k.a: АО VNIIRT, AO Vserossiyskiy Nauchno- Issledovatel'skiy Institut Radiotekhniki	Address(es): 105082, Moscow, Bolshaya Pochtovaya Str. 22, Russian Federation Telephone: +7 499 267-66-04 Website: http://vniirt.ru/ Registration number: 7701315700 (Tax ID/INN)	25.2.2023
392.	PJSC "Scientific and Production Association "Almaz" named after Academician A.A. Raspletin" Local name: Публичное Акционерное Общество «Научно-Производственное Объединение «Алмаз» имени Академика А.А.Расплетина» (ПАО «НПО «Алмаз» имени Академика А. А. Расплетина) A.k.a: NPO Almaz; Almaz Scientific Production Association; JSC NPO Almaz named after A.A. Raspletin; AO NPO Almaz imeni Akademika A. A. Raspletina	Address(es): 125190, Moscow, Leningradskiy Prospekt, 80, Building 16, Russian Federation Telephone: +7 499 940 02 22 Website: https://www.raspletin.com/ Registration number: 7712040285 (Tax ID/INN)	25.2.2023
393.	OJSC Concern Kizlyar Electro-Mechanical Plant Local name: Акционерное Общество «Концерн Кизлярский Электромеханический Завод» (АО «Концерн КЭМЗ») A.k.a: Concern KEMZ, AO Kontsern KEMZ; Joint- Stock Company "Concern Kizlyar Electromechanical Plant"	Address(es): 368832, Republic of Dagestan, Kizlyar, Kutuzov Str., 1, Russian Federation Telephone: +7 (87239) 2-31-48 Website: https://kizlyar-kemz.ru/ Email: koncern_kemz@mail.ru Registration number: 0547003781 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
394.	Concern Oceanpribor, JSC Local name: Акционерное Общество «Концерн «Океанприбор» (АО «Концерн «Океанприбор») A.k.a: AO Kontsern Okeanpribor	Address(es): 197376, St. Petersburg, Chkalovsky Prospekt, 4, Russian Federation; 187341, Leningrad Oblast, Kirovsk, Severnaya Str., 1, Russian Federation; 186734, Republic of Karelia, Lahdenpokhsky District, Lasanen Village, Russian Federation Telephone: +7 (812) 320-80-40 Website: http://www.oceanpribor.ru/ Email: mfp@mail.wplus.net ; mail@oceanpribor.ru Registration number: 7813341546 (Tax ID/INN)	25.2.2023
395.	JSC Zelenogradsky Nanotechnology Center Local name: Акционерное Общество «Зеленоградский Нанотехнологический Центр» (АО «ЗНТЦ») A.k.a: AO ZNTC; Joint Stock Company "Zelenograd Nanotechnology Center"	Address(es): 124527, Moscow, Zelenograd, Solnechnaya Alleya, 6, Room IX, Office 17, Russian Federation Telephone: +7 (499) 720 6944; +7 (499) 720 6969 Website: https://zntc.ru/ Email: sales@zntc.ru Registration number: 7735570680 (Tax ID/INN)	25.2.2023
396.	JSC Elektronstandart Pribor Local name: Открытое Акционерное Общество «Электроприбор» (ОАО «Электроприбор») A.k.a: OJSC Elektropribor	Address(es): 428020, Chuvash Republic - Chuvashia, Cheboksary, I.Y. Yakovlev Prospekt, 3, Russian Federation Telephone: +7 (8352) 39-99-18, 39-99-71 Website: https://www.elpribor.com/ Email: op@elpribor.ru Registration number: 2128002051 (Tax ID/INN)	25.2.2023
397.	Vest Ost Limited Liability Company Local name: Общество с Ограниченной Ответственностью «Вест – Ост» (ООО «Вест – Ост») A.k.a: ООО Vest Ost; West Ost Company	Address(es): 620107, Sverdlovsk Oblast, Yekaterinburg, Gotvalda Str., 21, Building 2, Premises 17, Russian Federation Registration number: 6670249749 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
398.	Trade-Component LLC Local name: Общество с Ограниченной Ответственностью «Трейд-Компонент» (ООО «Трейд-Компонент») A.k.a: ООО Tried-Komponent; ООО Treyd- Komponent	Address(es): 12705511, Moscow, Tihvinskii Pereulok, 11, Building 2, Room 29, Russian Federation Telephone: +7 916 858-78-51; +7 495 280-15-12 Website: http://trade-component.ru/ Email: info@trade-component.ru Registration number: 7707366122 (Tax ID/INN)	25.2.2023
399.	Radiant Electronic Components JSC Local name: Акционерное Общество «Радиант-ЭК» (АО «Радиант-ЭК») A.k.a: АО Radiant-EK	Address(es): 117246, Moscow, Profsoyuznaya Str., 65, Building 1, Russian Federation; 196006, St. Petersburg, Tashkentskaya Str. 1, Building. A, Room 30N, Business Centre "Davidov", Russian Federation; 630132; Novosibirsk, Narymskaya Str, 8A, Office 304, Russian Federation Telephone: 7 495 602-04-71; +7 495 725-04-04; +7 495 981-49-91 Website: https://radiant.su/ Email: radiant@ranet.ru Registration number: 7728792756 (Tax ID/INN)	25.2.2023
400.	JSC ICC Milandr Local name: Акционерное Общество «ПКК Миландр» (АО «ПКК Миландр») A.k.a: Milandr EK ООО; Milandr ICC JSC; Milur IS, ООО; Mikroelectronic Production Complex (MPK) Milandr; AO PLL Milandr	Address(es): 124498, Moscow, Zelenograd, Georgievskiy Prospekt, 5, Russian Federation Telephone: +7 (495) 981-54-33 Website: https://www.milandr.com/ Email: export@milandr.com Registration number: 7735040690 (Tax ID/INN)	25.2.2023
401.	SMT iLogic LLC Local name: Общество с Ограниченной Ответственностью «СМТ-Айлогик» (ООО «СМТ- Айлогик») A.k.a: SMT-iLogic, SMT-Ailogic; SMT Aylogik	Address(es): 195220, St. Petersburg, Nepokorenykh Prospekt, 17, Building 4, Letter B, Room 5-N, Russian Federation Telephone: +7 981 893-20-01; +7 812 244-33-13 Website: https://smtilogic.ru/ Email: smt.ilogic@mail.ru Registration number: 7804552300 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
402.	Device Consulting Local name: Общество с Ограниченной Ответственностью «Девайс Консалтинг» (ООО «Девайс Консалтинг») A.k.a: Limited Liability Company Device Consulting; ООО Devais Konsalting	197348, St. Petersburg, Aerodromnaya Str., 6, Letter A, Room 45, Russian Federation Telephone: +8 (800) 777-18-79 Website: https://device.consulting/ Email: info@device.consulting Registration number: 7814128203 (Tax ID/INN)	25.2.2023
403.	Concern Radio-Electronic Technologies Local name: Акционерное Общество «Концерн Радиоэлектронные Технологии» (АО «КРЭТ») A.k.a: Joint Stock Company Concern Radio- Electronic Technologies; АО KRET	Address(es): 109240, Moscow, Goncharnaya Str., 20/1, Building. 1, Russian Federation Telephone: +7 (495) 587-70-7 Website: https://kret.com Email: info@kret.com Registration number: 7703695246 (Tax ID/INN)	25.2.2023
404.	Technodinamika, JSC Local name: Акционерное Общество «Технодинамика» (АО «Технодинамика») A.k.a: АО Tekhnodinamika, JSC Aviation Equipment, JSC Technodynamics	Address(es): 115184, Moscow, Bolshaya Tatarskaya Str., 35, Building 5, Russian Federation Telephone: +7 (495) 627-10-99 Website: https://technodinamika.ru/ Email: info@tdhc.ru Registration number: 7719265496 (Tax ID/INN)	25.2.2023
405.	ООО "Unitek" Local name: Общество с Ограниченной Ответственностью «Юнитек» (ООО «Юнитек») A.k.a: Unitek LLC, Limited Liability Company "Unitech"; ООО Yunitек	Address(es): 121596, Moscow, Gorbunova Str., 2, Building 3, Premises 238, Russian Federation Telephone: +7 496 547-35-05; +7 916 537-78-16 Registration number: 7731414560 (Tax ID/INN)	25.2.2023

Number	Name	Identifying Information	Date of listing
406.	Closed Joint Stock Company TPK Linkos Local name: Закрытое Акционерное Общество «Технологический Парк Космонавтики «Линкос» (ЗАО «ТПК «Линкос») A.k.a: Linkos Space Technology Park Company; ZAO TPK Linkos; Closed Joint Stock Company “Technological Park of Cosmonautics “Linkos”	Address(es): 142172, Moscow, Shcherbinka, Dorozhnaya Str., 5, Russian Federation Telephone: +7 906 455-48-10; +7 499 944-24-53; +7 495 780-68-55 Website: www.linkos-tcp.ru Email: info@linkos-tcp.ru Registration number: 7733061279 (Tax ID/INN)	25.2.2023
407.	Closed Joint Stock Company TPK Linkos, Subdivision in Astrakhan Local name: Закрытое Акционерное Общество «Технологический Парк Космонавтики «Линкос» - Филиал в Ахтубинске	Address(es): Astrakhan Oblast, Akhtubinsk, Velichko Str. 6, Russian Federation Website: www.linkos-tcp.ru Telephone: +7 906 455-48-10; +7 499 944-24-53; +7 495 780-68-56	25.2.2023
408.	Design and Manufacturing of Aircraft Engines (DAMA) Local name: طراحی و ساخت موتور هواپیما A.k.a: Iranian Turbine Manufacturing Industries; Design and Manufacturing of Aero-Engine Company; Turbine Engine Manufacturing Co.	Address(es): Shishesh Mina Street, Karaj Special Road, Tehran, Islamic Republic of Iran Registration number: 14005160213 (ID)	25.2.2023
409.	Islamic Revolutionary Guard Corps Aerospace Force Local name: نیروی هوافضای سپاه پاسداران انقلاب اسلامی A.k.a: IRGC-ASF; Aerospace Division of IRGC; Aerospace Force of the Army of the Guardians of the Islamic Revolution; AFAGIR; Air Force, IRGC; IRGC Aerospace Force; IRGC Air Force; IRGCAF Sepah Pasdaran Air Force	Address(es): Damavand Tehran Highway, Tehran Province, Islamic Republic of Iran	25.2.2023
410.	Islamic Revolutionary Guard Corps Research and Self-Sufficiency Jihad Organization (IRGC SSJO) Local name: سازمان تحقیقات و جهاد خودکفایی سپاه پاسداران سازمان جهاد خودکفایی و تحقیقات سپاه	Address(es): Teheran and Isfahan, Islamic Republic of Iran Registration number: 5083678967 (ID)	25.2.2023

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Number	Name	Identifying Information	Date of listing
411.	Oje Parvaz Mado Nafar Company (Mado) Local name: نفر دو ما پرواز اوج شرکت A.k.a: Mado; Owj Parvaz Mado Nafar Company LLC; Oje Parvaz Mado Nafar Co	Address(es): Qom, No. 1106, 11 Hemmat Corner, Hemmat Square, Hemmat Boulevard, Shokuhieh Industrial Town, Qom Province, 3718116354, Islamic Republic of Iran Registration number: 10590042155 (ID)	25.2.2023
412.	Paravar Pars Company Local name: شرکت پراور پارس A.k.a: Paravar Pars Aerospace Research and Engineering Services; Paravar Pars Aerospace Research Institute; Paravar Pars Engineering and Services Aerospace Research Company; Paravar Pars; ParavarPars; Pravarpars Engineering Research and Design Company	Address(es): 13 km of Shahid Babaei Highway, after Imam Hossein University, next to Telo Road, Tehran, Islamic Republic of Iran Telephone: +982177000031 Email: info@paravar-pars.com Website: www.paravar-pars.com Registration number: 10101373495 (ID)	25.2.2023
413.	Qods Aviation Industries Local name: صنایع هوایی قدس · شرکت صنایع هوایی قدس A.k.a: Qods Aeronautics Industries; Company for Designing and Manufacturing Light Aircraft; Ghods Aviation Industries	Address(es): Unit (or Suite) 207, Saleh Blvd, Tehran, Islamic Republic of Iran; Unit 207, Tarajit Maydane Taymori (or Teimori) Square, Basiri Building, Tarasht, Tehran, Islamic Republic of Iran; P.O. Box 15875-1834, Km 5 Karaj Special Road, Tehran, Islamic Republic of Iran Registration number: 14005441856 (ID)	25.2.2023
414.	Shahed Aviation Industries Local name: شاهد مرکز تحقیقات صنایع هوایی · صنایع هوایی شاهد A.k.a: Shahed Aviation Industries Research Centre	Address(es): Shahid Lavi Street, Sajad Street, Isfahan, Islamic Republic of Iran Website: www.shahedaviation.com	25.2.2023
415.	Concern Morinformsystem–Agat Local name: Акционерное Общество «Концерн «Моринформсистема – Агат» (АО «Концерн «Моринсис – Агат») A.k.a: Morinsis-Agat Concern JSC; JSC Kontsern Morinformsystema Agat; AO Kontsern Morinsis-agat	Address(es): 105275, Moscow, Shosse Entuziastov, 29, Russian Federation Telephone: +7 (495) 673-4063 Website: http://concern-agat.ru Email: info@concern-agat.ru Registration number: 7720544208 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
416.	<p>АО Papilon</p> <p>Local name: Акционерное Общество «Папилон» (АО «Папилон»)</p> <p>A.k.a: Aktsionernoe Obschestvo Papilon</p>	<p>Address(es): 456320, Chelyabinsk Oblast, Miass, Makeeva Prospekt, 48, Russian Federation; 117418, Moscow, Novocheremushkinskaya Str., 63, Building 1, Russian Federation</p> <p>Telephone: +7 (3513) 54-64-33; +7 (495) 718-22-77</p> <p>Website: https://papillonsystems.com/</p> <p>Email: info@papillon.ru</p> <p>Registration number: 7415020254 (Tax ID/INN)</p>	25.2.2023
417.	<p>IT-Papillon ООО</p> <p>Local name: Общество с Ограниченной Ответственностью «Информационные технологии Папилон» (ООО «ИТ-Папилон»)</p> <p>A.k.a: Papillon Information Technologies LLC</p>	<p>Address(es): 456320, Chelyabinsk Oblast, Miass, Makeeva Prospekt, 48, Premises 222, Russian Federation</p> <p>Telephone: +7 (3513) 54-64-33; +7 (495) 718-22-77</p> <p>Website: https://papillonsystems.com/</p> <p>Email: info@papillon.ru</p> <p>Registration number: 7415099399 (Tax ID/INN)</p>	25.2.2023
418.	<p>ООО Adis</p> <p>Local name: Общество с Ограниченной Ответственностью «Адис» (ООО «Адис»)</p> <p>A.k.a: Adis LLC</p>	<p>Address(es): 456320, Chelyabinsk Oblast, Miass, Makeeva Prospekt, 48, Russian Federation</p> <p>Telephone: +7 (3513) 54-65-88</p> <p>Registration number: 7415068591 (Tax ID/INN)</p>	25.2.2023
419.	<p>Papilon Systems Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «Системы Папилон» (ООО «Системы Папилон»)</p> <p>A.k.a: ООО Sistemy Papilon</p>	<p>Address(es): 456320, Chelyabinsk Oblast, Miass, Makeeva Prospekt, 48, Russian Federation</p> <p>Telephone: +7 351 352-04-31; +7 351 354-65-88</p> <p>Website: https://www.papillon.ru/</p> <p>Email: info@papillon.ru</p> <p>Registration number: 7415002030 (Tax ID/INN)</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
420.	<p>Advanced Research Foundation</p> <p>Local name: Фонд Перспективных Исследований (ФПИ)</p> <p>A.k.a: Russian Foundation for Advanced Research Projects; Fond Perspektivnykh Issledovaniy; FPI</p>	<p>Address(es): 121059, Moscow, Berezhkovskaya Embankment, 22, Building 3, Russian Federation</p> <p>Telephone: +7 (499) 418-00-25</p> <p>Website: https://www.fpi.gov.ru/</p> <p>Email: fpi@fpi.gov.ru</p> <p>Registration number: 7710480347 (Tax ID/INN)</p>	25.2.2023
421.	<p>Federal Service for Military Technical Cooperation</p> <p>Local name: Федеральная Служба по Военно-Техническому Сотрудничеству (ФСВТС России)</p> <p>A.k.a: Federalnaya Sluzhba po VoennnoTekhnicheskomu Sotrudnisthestvu, FSMTC, FSVTS, FSVTS Rossii</p>	<p>Address(es): 115324, Moscow, Ovchinnikovskaya Embankment, 18/1, Russian Federation</p> <p>Telephone: +8 (495) 950-98-08</p> <p>Website: https://en.fsvts.gov.ru/</p> <p>Email: zapros@fsvts.gov.ru</p> <p>Registration number: 7705513237 (Tax ID/INN)</p>	25.2.2023
422.	<p>Federal State Budgetary Scientific Institution Research and Production Complex Technology Center</p> <p>Local name: Федеральное Государственное Бюджетное Научное Учреждение «Научно-Производственный Комплекс «Технологический Центр» (НПК «Технологический Центр»)</p> <p>A.k.a: Federalnoe Gosudarstvennoe Byudzhethnoe Nauchnoe Uchrezhdenie Nauchno-Proizvodstvenny Kompleks Tekhnologicheskii Tsentri; NPK Technological Center; NPKTS; Scientific Manufacturing Complex Technological Center; SMC Technological Center</p>	<p>Address(es): 124498, Moscow, Zelenograd, Shokina Square, 1, Building 7, Room 7237, Russian Federation</p> <p>Telephone: +7 (499) 734-45-21</p> <p>Website: http://www.tcen.ru/</p> <p>Email: market@tcen.ru</p> <p>Registration number: 7735096460 (Tax ID/INN)</p>	25.2.2023

Number	Name	Identifying Information	Date of listing
423.	<p>Federal State Institution Federal Scientific Center Scientific Research Institute for System Analysis of the Russian Academy of Sciences</p> <p>Local name: Федеральное государственное учреждение «Федеральный научный центр Научно-исследовательский институт системных исследований Российской академии наук» (ФГУ ФНИЦ НИИСИ РАН)</p> <p>A.k.a: Federalnoe Gosudarstvennoe Uchrezhdenie Federalnyy Nauchnyy Tsentr NauchnoIssledovatel'skiy Institut Sistemnykh Issledovaniy Rossiyskoy Akademii Nauk, FGU FNTS NIISI RAN, FSI FSC SRISA RAS, Scientific Research Institute of System Analysis, Russian Academy of Science</p>	<p>Address(es): 117218, Moscow, Nakhimovsky Prospekt, 36, Building 1, Russian Federation</p> <p>Telephone: +7 495 718 21 10</p> <p>Website: https://www.niisi.ru/</p> <p>Email: niisi@niisi.msk.ru</p> <p>Registration number: 7727086772 (Tax ID/INN)</p>	25.2.2023
424.	<p>Joint Stock Company All-Russian Research Institute Signal</p> <p>Local name: Акционерное Общество «Всероссийский Научно-Исследовательский Институт «Сигнал» (АО «ВНИИ «Сигнал»)</p> <p>A.k.a: AO Vserossiyskiy NauchnoIssledovatel'skiy Institut Signal, AO VNII Signal, JSC VNII Signal, OJSC All-Russian Research Institute Signal</p>	<p>Address(es): 601903, Vladimir Oblast, Kovrov, Krupskoy Str., 57, Russian Federation</p> <p>Telephone: +7 (49232) 9-03-34</p> <p>Website: https://vniisignal.ru/</p> <p>Email: mail@vniisignal.ru</p> <p>Registration number: 3305708964 (Tax ID/INN)</p>	25.2.2023
425.	<p>Joint Stock Company Center of Research and Technology Services Dinamika</p> <p>Local name: Акционерное Общество «Центр Научно-Технических Услуг «Динамика» (АО ЦНТУ «Динамика»)</p> <p>A.k.a: AO TSNTU Dinamika, AO Tsentr NauchnoTekhnicheskikh Uslug Dinamika, JSC Center for Scientific and Technical Services Dinamika.</p>	<p>Address(es): 140184, Moscow Oblast, Zhukovsky, Shkolnaya Str., 9/18, Room 1, Russian Federation</p> <p>Telephone: +7 (495) 276-000-9</p> <p>Website: http://dinamika-avia.ru/</p> <p>Email: info@dinamika-avia.ru</p> <p>Registration number: 5013026936 (Tax ID/INN)</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
426.	<p>Joint Stock Company Concern Avtomatika</p> <p>Local name: Акционерное Общество «Концерн «Автоматика» (АО «Концерн «Автоматика»)</p> <p>A.k.a: AO Kontsern Avtomatika, JSC Concern Automation, OJSC Kontsern Avtomatika</p>	<p>Address(es): 127106, Moscow, Botanicheskaya Str. 25, Russian Federation</p> <p>Telephone: +7 (495) 250-33-33</p> <p>Website: https://www.ao-avtomatika.ru/</p> <p>Email: mail@ao-avtomatika.ru</p> <p>Registration number: 7715906332 (Tax ID/INN)</p>	25.2.2023
427.	<p>Joint Stock Company Design Center Soyuz</p> <p>Local name: Акционерное Общество «Дизайн Центр «Союз» (АО «Дизайн Центр «Союз»)</p> <p>A.k.a: AO Dizain Tsentr Soyuz</p>	<p>Address(es): 124482, Moscow, Zelenograd, Konstruktora Lukina Str., 14, Building 1, Russian Federation; 124681, Moscow, Zelenograd, Building 100, Room 205, Russian Federation</p> <p>Telephone: +8 (499) 995-25-18</p> <p>Website: https://dcsoyuz.ru/</p> <p>Email: mail@dcsoyuz.ru</p> <p>Registration number: 7735143270 (Tax ID/INN)</p>	25.2.2023
428.	<p>Joint Stock Company Design Technology Center Elektronika</p> <p>Local name: Акционерное Общество «Конструкторско-Технологический Центр «Электроника» (АО «КТЦ «Электроника»)</p> <p>A.k.a: AO KTTs Elektronika, AO KonstruktorskoTehnologicheskij Tsentr Elektronika, JSC Electronics EDC, JSC Electronics Engineering and Design Center, JSC Elektronika Engineering and Design Center</p>	<p>Address(es): 394033, Voronezh Oblast, Voronezh, Leninskiy Prospekt, 119A, Letter 17a, Floor 2, Russian Federation</p> <p>Telephone: +7 (473) 202-00-22</p> <p>Website: http://edc-electronics.ru/</p> <p>Email: market@edc-electronics.ru</p> <p>Registration number: 3661033667 (Tax ID/INN)</p>	25.2.2023
429.	<p>Joint Stock Company Institute for Scientific Research Microelectronic Equipment Progress</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Микроэлектронной Аппаратуры «Прогресс» (АО «НИИМА «Прогресс»)</p> <p>A.k.a: AO NIIMA Progress, Microelectronics Research Institute Progress JSC, Nauchno- Issledovatel'skiy Institut Mikroelektronnoy Apparatury Progress, Progress MRI JSC</p>	<p>Address(es): 125183, Moscow, Cherepanovkh Proezd, 54, Russian Federation</p> <p>Telephone: +7 (499) 281-7057; +7 (499) 153-0161</p> <p>Website: https://i-progress.tech/</p> <p>Email: niima@i-progress.tech</p> <p>Registration number: 7743869192 (Tax ID/INN)</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
430.	<p>Joint Stock Company Machine-Building Engineering Office Fakel Named After Akademika P.D. Grushina</p> <p>Local name: Акционерное Общество «Машиностроительное Конструкторское Бюро «Факел» Имени Академика П.Д.Грушина» (АО «МКБ «Факел»)</p> <p>A.k.a: AO MKB Fakel, -Engineering Design Bureau Fakel, JSC EBD Fakel; Mashinostroitelnoe Konstruktorskoe Byuro Fakel imeni Akademika P.D. Grushina; Joint Stock Company "Machine-Building Design Bureau "Fakel" named after Academician P.D. Grushin"</p>	<p>Address(es): 141401, Moscow Oblast, Khimki, Akademika Grushina Str., 33, Russian Federation</p> <p>Telephone: +8 (495) 781-05-73</p> <p>Website: https://www.mkbfake.ru/</p> <p>Email: info@mkbfake.ru</p> <p>Registration number: 5047051923 (Tax ID/INN)</p>	25.2.2023
431.	<p>Joint Stock Company North Western Regional Center of Almaz Antey Concern Obukhovsky Plant</p> <p>Local name: Акционерное Общество «Северо-Западный Региональный Центр Концерна ВКО «Алмаз-Антей» - Обуховский Завод» (АО «Обуховский Завод»)</p> <p>A.k.a: AO GOZ, AO Severo-Zapadny Regionalny Tsentr Kontserna VKO Almaz-Antei Obukhovsky Zavod, JSC GOZ Obukhov Plant, AO Obukhovsky Zavod, JSC SOP Obukhovskiy Plant</p>	<p>Address(es): 192012, St. Petersburg, Obukhovskaya Oborona Avenue, 120, Building 19, Room1-H № 708, Russian Federation</p> <p>Telephone: +7 (812) 363-93-40; +7 (812) 363-95-23</p> <p>Website: https://www.goz.ru/</p> <p>Email: dou@goz.ru</p> <p>Registration number: 7811144648 (Tax ID/INN)</p>	25.2.2023
432.	<p>Joint Stock Company Obninsk Research and Production Enterprise Tekhnologiya Named After A.G. Romashin</p> <p>Local name: Акционерное Общество «Обнинское Научно-Производственное Предприятие «Технология» им. А.Г.Ромашина» (АО «ОНПП «Технология» им. А.Г.Ромашина»)</p> <p>A.k.a: AO Obninskoe NPP Tekhnologiya IM. A.G. Romashina, AO ONPP Tekhnologiya im. A.G. Romashina, JSC ORPE Technology Named After A.G. Romashin</p>	<p>Address(es): 249031, Kaluga Oblast, Obninsk, Kievskoe Shosse, 15, Russian Federation</p> <p>Telephone: +7 484 399 68 68; +7 484 396 39 87</p> <p>Website: https://tehnologiya.ru/</p> <p>Email: info@tehnologiya.ru</p> <p>Registration number: 4025431260 (Tax ID/INN)</p>	25.2.2023

Number	Name	Identifying Information	Date of listing
433.	<p>Joint Stock Company Penza Electrotechnical Research Institute</p> <p>Local name: Акционерное Общество «Пензенский Научно-Исследовательский Электротехнический Институт» (АО «ПНИЭИ»)</p> <p>A.k.a: AO Penzenskiy NauchnoIssledovatel'skiy Elektrotekhnicheskiy Institut, JSC Penza, JSC PNIEI</p>	<p>Address(es): 440026, Penza Oblast, Penza, Sovetskaya Str., 9, Russia</p> <p>Telephone: +7 (8412)59-33-35</p> <p>Website: http://pniei.ru/</p> <p>Email: info@pniei.ru; info@pniei.penza.ru</p> <p>Registration number: 5836649358 (Tax ID/INN)</p>	25.2.2023
434.	<p>Joint Stock Company Production Association Sever</p> <p>Local name: Акционерное Общество «Производственное Объединение «Север» (АО «ПО «Север»)</p> <p>A.k.a: AO PO Sever; JSC PA North; Proizvodstvennoe Obединenie Sever</p>	<p>Address(es): 630020, Novosibirsk Oblast, Novosibirsk, Obedineniya Str., 3, Russian Federation</p> <p>Telephone: +7 (383) 27-44-500</p> <p>Website: https://posever.ru/</p> <p>Email: info@posever.ru</p> <p>Registration number: 5410079229 (Tax ID/INN)</p>	25.2.2023
435.	<p>Joint Stock Company Research Center ELINS</p> <p>Local name: Акционерное Общество «Научно- Технический Центр ЭЛИНС» (АО «НТЦ ЭЛИНС»)</p> <p>A.k.a: AO Nauchnyu Tsentr ELINS; ELINS STC JSC; AO NTs ELINS; JSC Scientific and Technical Center ELINS; NTTS ELINS; Scientific-Technical Center ELINS; CJSC NTC Elins</p>	<p>Address(es): 124460, Moscow, Zelenograd, Panfilovsky Propsekt, 10, Russian Federation; 124460, Moscow, Zelenograd, Panfilovsky Prospekt, 4, Building 1, Premises V, Room 1-9, Russian Federation</p> <p>Telephone: +7 (495) 651-08-86; +7 (495) 532-22-62</p> <p>Website: https://elins.ru/; https://elins-journal.ru/</p> <p>Email: info@elins.ru</p> <p>Registration number: 7735064324 (Tax ID/INN)</p>	25.2.2023
436.	<p>Joint Stock Company Research and Production Association of Measuring Equipment</p> <p>Local name: Акционерное Общество «Научно- Производственное Объединение Измерительной Техники» (АО «НПО ИТ»)</p> <p>A.k.a: AO NPO IT; AO Nauchno Proizvodstvennoe Obединenie Izmeritelnoi Tekhniki, JSC NPO IT</p>	<p>Address(es): 141074, Moscow Oblast, Korolev, Pionerskaya Str., 2, Building 4, Floor 2, Office 344, Russian Federation</p> <p>Telephone: +7 (499) 750-40-50</p> <p>Website: https://russianspacesystems.ru/holding/struktura/npoi-it/</p> <p>Email: npoi@npoi.ru</p> <p>Registration number: 5018139517 (Tax ID/INN)</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
437.	<p>Joint Stock Company Research and Production Enterprise Radar MMS</p> <p>Local name: Акционерное Общество «Научно- Производственное Предприятие «Радар ММС» (АО «НПП «Радар ММС»)</p> <p>A.k.a: AO Nauchno-Proizvodstvennoe Predpriyatie Radar MMS; JSC Radar MMS; NPP Radar MMS; Scientific Production Association Radar MMS JSC</p>	<p>Address(es): 197375, St. Petersburg, Novoselkovskaya Str., 37, Letter A, Russian Federation</p> <p>Telephone: +7 (812) 777-50-51</p> <p>Website: https://radar-mms.com/</p> <p>Email: radar@radar-mms.com</p> <p>Registration number: 7814027653 (Tax ID/INN)</p>	25.2.2023
438.	<p>Joint Stock Company Research and Production Enterprise Sapfir</p> <p>Local name: Акционерное Общество «Научно-Производственное Предприятие «Сапфир» (АО «НПП «Сапфир»)</p> <p>A.k.a: AO NPP Sapfir; AO Nauchno- Proizvodstvennoe Predpriyatie Sapfir, JSC NPP Sapphire; Joint Stock Company “Research and Production Company “Sapfir”</p>	<p>Address(es): 105187, Moscow, Shcherbakovskaya Str., 53, Room 304A, Russian Federation</p> <p>Telephone: +8 499 290 05 41; +8 967 061 32 32</p> <p>Website: https://sapfirbusiness.ru/</p> <p>Email: Uventa22@yandex.ru</p> <p>Registration number: 7719007689 (Tax ID/INN)</p>	25.2.2023
439.	<p>Joint Stock Company RT-Tekhpriemka</p> <p>Local name: Акционерное Общество «РТ-Техприемка» (АО «РТ-Техприемка»)</p> <p>A.k.a: AO RT-Tekhpriemka; JSC Aviatekhpriemka; JSC RT-Tekhpriemka, RTTEC</p>	<p>Address(es): 123557, Moscow, Elektrichesky Lane, 1, Building 12, Russian Federation</p> <p>Telephone: +7 495 927 07 55</p> <p>Website: https://rttec.ru/</p> <p>Email: info@rt-techpriemka.ru</p> <p>Registration number: 7714710760 (Tax ID/INN)</p>	25.2.2023
440.	<p>Joint Stock Company Russian Research Institute Electronstandart</p> <p>Local name: Акционерное Общество «Российский Научно-Исследовательский Институт «Электронстандарт» (АО «РНИИ «Электронстандарт»)</p> <p>A.k.a: AO Nauchno-Proizvodtvennoe Predpriyatie Elektronstandart; AO RNII Elektronstandart, JSC NPP Elektrostandart, RNII Electron-standart</p>	<p>Address(es): 196006, St. Petersburg, Tsvetnaya Str., 25, Building 3, Letter R, Russian Federation</p> <p>Telephone: +7 812 676-29-29</p> <p>Website: http://elstandart.spb.ru/</p> <p>Email: info@elstandart.spb.ru</p> <p>Registration number: 7810196298 (Tax ID/INN)</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
441.	<p>Joint Stock Company Ryazan Plant of Metal Ceramic Instruments</p> <p>Local name: Акционерное Общество «Рязанский Завод Металлокерамических Приборов» (АО «РЗМКП»)</p> <p>A.k.a: AO Ryazanski Zavod Metallokeramicheskikh Priborov, AO RZMKP, JSC Ryazan Metal Ceramics Instrumentation Plant, Ryazan Plant of Ceramic Devices, RMCIP</p>	<p>Address(es): 390027, Ryazan Oblast, Ryazan, Novaya Str., 51v, Russian Federation</p> <p>Telephone: +7 (4912) 24 97 57</p> <p>Website: http://rmcip.ru/; https://rzmkp.com/</p> <p>Email: rzmkp@rmcip.ru</p> <p>Registration number: 6230006400 (Tax ID/INN)</p>	25.2.2023
442.	<p>Joint Stock Company Scientific Production Enterprise Digital Solutions</p> <p>Local name: Акционерное Общество «Научно-Производственное Предприятие «Цифровые Решения» (АО «НПП «Цифровые Решения»)</p> <p>A.k.a: ASIC; Electronic Engineering Design Center Digital Solutions JSC; AO NPP Tsifrovye Resheniya; DSol NPP; JSC Digital Solutions; Joint Stock Company “Research and Production Enterprise “Digital Solutions”</p>	<p>Address(es): 111020, Moscow, 2nd Sinichkina Str., 9A, Building 7, Floor 3, Office I, Room 4, Russian Federation; 111020, Moscow, 2nd Sinichkina Str., 9a, Building 7, Business Centre Sinita Plaza, Russian Federation; 105066, Moscow, P.O. Box 18, Russian Federation; 111250, Moscow, Zavoda Serp i Molot Drive, 10, Business Centre Integral, Russian Federation; 440026, Penza, Kirov Str., 56, Business Centre Atrium, Russian Federation</p> <p>Telephone: +7 (495) 978-28-70</p> <p>Website: https://dsol.ru/</p> <p>Email: mail@dsol.ru</p> <p>Registration number: 7722471770 (Tax ID/INN)</p>	25.2.2023
443.	<p>Joint Stock Company Scientific Production Enterprise Kontakt</p> <p>Local name: Акционерное Общество «Научно-Производственное Предприятие «Контакт» (АО «НПП «Контакт»)</p> <p>A.k.a: Joint Stock Company “Scientific Production Enterprise “Contact”; AO NPP Kontakt; AO Nauchno-Proizvodstvennoe Predpriyatie Kontakt; JSC NPP Kontakt; JSC SPE Contact</p>	<p>Address(es): 410086, Saratov Oblast, Saratov, Spitsyna Str., 1, Russian Federation</p> <p>Telephone: +7 (8452) 35-76-76</p> <p>Website: http://kontakt-saratov.ru/</p> <p>Email: office@kontakt-saratov.ru</p> <p>Registration number: 6453097665 (Tax ID/INN)</p>	25.2.2023

Number	Name	Identifying Information	Date of listing
444.	<p>Joint Stock Company Scientific Production Enterprise Topaz</p> <p>Local name: Акционерное Общество «Научно-Производственное Предприятие «Топаз» (АО «НПП «Топаз»)</p> <p>A.k.a: AO Nauchno-Proizvodstvennoe Predpriyatie Topaz; JSC NPP Topaz; Closed Joint-Stock Company Scientific Production Enterprise Topaz; JSC Research and Production Enterprise Topaz</p>	<p>Address(es): 129626, Moscow, 3rd Mytishchinskaya Str., 16, Building 34, Floor 2, Office III, Room 25, Russian Federation</p> <p>Telephone: +7 (495) 909-84-82; +7 (495) 909-84-83</p> <p>Website: https://topazlab.ru</p> <p>Email: mail@topazlab.ru</p> <p>Registration number: 5008011331 (Tax ID/INN)</p>	25.2.2023
445.	<p>Joint Stock Company Scientific Research Institute Giricond</p> <p>Local name: Акционерное Общество «Научно-Исследовательский Институт «Гириконд» (АО «НИИ «Гириконд»)</p> <p>A.k.a: AO Nauchno-Issledovatskiy Institut Girikond; AO NII Girikond; Research Institute Girikond</p>	<p>Address(es): 194223, St. Petersburg, Kurchatova Str., 10, Russian Federation</p> <p>Telephone: +7 (812) 247-14-50</p> <p>Website: https://giricond.ru/</p> <p>Email: 5526057@giricond.ru</p> <p>Registration number: 7802144144 (Tax ID/INN)</p>	25.2.2023
446.	<p>Joint Stock Company Scientific Research Institute of Computer Engineering NII SVT</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Средств Вычислительной Техники» (АО «НИИ СВТ»)</p> <p>A.k.a: AO NII SVT; AO Nauchno Issledovatskii Institut Sredstv Vychislitelnoi Tekhniki; JSC NII SVT; NII SVT PAO; Joint Stock Company “Research Institute for Computer Hardware”; Joint Stock Company “Scientific Research Institute of Computer Technology”</p>	<p>Address(es): 610025, Kirov Oblast, Kirov, Melnichnaya Str., 31, Russian Federation</p> <p>Telephone: +8 (8332) 67-99-75</p> <p>Website: https://niisvt.ru/</p> <p>Email: niisvt@niisvt.ru</p> <p>Registration number: 4345309407 (Tax ID/INN)</p>	25.2.2023
447.	<p>Joint Stock Company Scientific Research Institute of Electrical Carbon Products</p> <p>Local name: Акционерное Общество «Научно - Исследовательский и Проектно-Технологический Институт Электроугольных Изделий» (АО «НИИЭИ»)</p> <p>A.k.a: AO NII EI; AO Nauchno Issledovatskii I ProektnoTehnologicheskii Institut Elektrougolnykh Izdelii; JSC NII EI; JSC Scientific Research and Project-Technical Institute of Electrical Carbon Products</p>	<p>Address(es): 142455, Moscow Oblast, Noginsk, Elektrougli, Gorki Lane, 1, Russian Federation</p> <p>Telephone: +7 (499) 270-64-11</p> <p>Website: https://niiei.ru/</p> <p>Email: info@niiei.ru</p> <p>Registration number: 5031099373 (Tax ID/INN)</p>	25.2.2023

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448.	<p>Joint Stock Company Scientific Research Institute of Electronic and Mechanical Devices</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Электронно- Механических Приборов» (АО «НИИЭМП»)</p> <p>A.k.a: AO NII Elektronno-Mekhanicheskikh Priborov; AO NIEMP; JSC SRIEMI; Penza Scientific Research Institute of Electromechanical Devices; Joint Stock Company “Scientific Research Institute of Electronic and Mechanical Devices”</p>	<p>Address(es): 440600, Penza Oblast, Penza, Karakozova Str., 44, Russian Federation</p> <p>Telephone: +7 (8412) 47-71-01</p> <p>Website: https://niiemp.ru/</p> <p>Email: niiemp@niemp.ru</p> <p>Registration number: 5834054179 (Tax ID/INN)</p>	25.2.2023
449.	<p>Joint Stock Company Scientific Research Institute of Electronic Engineering Materials</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Материалов Электронной Техники» (АО «НИИМЭТ»)</p> <p>A.k.a: AO Nauchno-Issledovatskiy Institut Materialov Elektronnoi Tekhniki; AO NIIMET; JSC NIIMET</p>	<p>Address(es): 248650, Kaluga Oblast, Kaluga, Gagarina Str., 1, Russian Federation; 248033, Kaluga Oblast, Kaluga, 2nd Akademicheskyy Drive, 17, Building 3G, Rooms 27-40, Russian Federation</p> <p>Telephone: +7 (4842) 74-44-38, +7 (4842) 75-11-48, +7 (495) 601-71-50</p> <p>Website: http://www.ruselectronics.ru/enterprises/niimet/</p> <p>Email: niimet@kaluga.net</p> <p>Registration number: 4026008516 (Tax ID/INN)</p>	25.2.2023
450.	<p>Joint Stock Company Scientific Research Institute of Gas Discharge Devices Plasma</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Газоразрядных Приборов «Плазма» (АО «Плазма»)</p> <p>A.k.a: AO Nauchno-Issledovatskiy Institut Gazorazryadnikh Priborov Plazma; AO Plasma; JSC Plasma</p>	<p>Address(es): 390023, Ryazan Oblast, Ryazan, Tsiolkovskogo Str., 24, Russian Federation</p> <p>Telephone: +7 (4912) 24-90-02</p> <p>Website: https://plasmalabs.ru/</p> <p>Email: market@plasmalabs.ru</p> <p>Registration number: 6230005886 (Tax ID/INN)</p>	25.2.2023

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451.	<p>Joint Stock Company Scientific Research Institute of Industrial Television Rastr</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Промышленного Телевидения «Растр» (АО «НИИПТ «Растр»)</p> <p>A.k.a: AO Nauchno Issledovatskii Institut Promyshlennogo Televideniya Rastr; AO NIIPТ Rastr</p>	<p>Address(es): 173003, Novgorod Oblast, Veliky Novgorod, Bolshaya Sankt-Peterburgskaya Str., 39, Russian Federation</p> <p>Telephone: +7 (8162) 77-43-31, +7 (8162) 77-41-06</p> <p>Website: http://www.rastr.natm.ru/</p> <p>Email: market@rastr.natm.ru</p> <p>Registration number: 5321144204 (Tax ID/INN)</p>	25.2.2023
452.	<p>Joint Stock Company Scientific Research Institute of Precision Mechanical Engineering</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Точного Машиностроения» (АО «НИИТМ»)</p> <p>A.k.a: AO Nauchno-Issledovatskiy Institut Tochnogo Mashinostroeniya; AO NIITM; NIITM PAO; OJSC Scientific and Research Institute of Precision Engineering; Research Institute of Precision Machine Manufacturing; Scientific and Research Institute of Precision Mechanical Engineering</p>	<p>Address(es): 124460, Moscow, Zelenograd, Panfilovsky Avenue, 10, Russian Federation</p> <p>Telephone: +7(495)229-75-01</p> <p>Website: http://niitm.ru/</p> <p>Email: info@niitm.ru</p> <p>Registration number: 7735043966 (Tax ID/INN)</p>	25.2.2023
453.	<p>Joint Stock Company Special Design Bureau of Computer Engineering</p> <p>Local name: Акционерное Общество «Специальное Конструкторское Бюро Вычислительной Техники» (АО «СКБ ВТ»)</p> <p>A.k.a: AO Spetsialnoe Konstruktorskoe Byuro Vychislitelnoi Tekhniki; AO SKB VT; Joint Stock Company “Special Design Bureau of Computer Technology”</p>	<p>Address(es): 180007, Pskov Oblast, Pskov, Maksima Gorkogo Str., 1, Russian Federation</p> <p>Telephone: +7 (8112) 57 35 22</p> <p>Website: http://www.skbvt.ru/</p> <p>Email: info@skbvt.ru</p> <p>Registration number: 6027075580 (Tax ID/INN)</p>	25.2.2023

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454.	<p>Joint Stock Company Special Design Bureau of Control Means</p> <p>Local name: Акционерное Общество «Специальное Проектно-Конструкторское Бюро Средств Управления» (АО «СПКБ СУ»)</p> <p>A.k.a: AO Spetsialnoe Proektno-Konstruktorskoe Byuro Sredstv Upravleniya; AO SPKB SU; Joint Stock Company “Special Design Bureau of Control Facilities”</p>	<p>Address(es): 170100, Tver Oblast, Tver, Vagzhanovski Lane, 9, Office 315, Russian Federation</p> <p>Telephone: +7 (4822) 35-96-76, +7 (4822) 41-53-41</p> <p>Website: https://spkbsu.ru/</p> <p>Email: mail@spkbsu.ru</p> <p>Registration number: 6950087667 (Tax ID/INN)</p>	25.2.2023
455.	<p>Joint Stock Company Special Design Bureau Turbina</p> <p>Local name: Акционерное Общество «Специальное Конструкторское Бюро «Турбина» (АО СКБ «Турбина»)</p> <p>A.k.a: AO SKB Turbina; AO Spetsialnoe Konstruktorskoe Byuro Turbina; JSC Turbina SDB</p>	<p>Address(es): 454085, Chelyabinsk Oblast, Chelyabinsk, Lenina Avenue, 2B, Russian Federation</p> <p>Telephone: +7 (351) 775-10-37, +7 (351) 775-10-36</p> <p>Website: http://www.skb-turbina.com/</p> <p>Email: info@skb-turbina.com</p> <p>Registration number: 7452033815 (Tax ID/INN)</p>	25.2.2023
456.	<p>Joint Stock Company State Scientific Research Institute Kristall</p> <p>Local name: Акционерное Общество «Государственный Научно-Исследовательский Институт «Кристалл» (АО «ГОСНИИ «Кристалл»)</p> <p>A.k.a: AO GOSNII Kristall; AO Gosudarstvenny Nauchno-Issledovatel'ski Institut Kristall; OAO GOSNII Kristall; OJSC Kristall State Research Institute; GosNII «Kristall» OJSC; State-Owned Scientific-Research Institute “Crystal”</p>	<p>Address(es): 606007; Nizhny Novgorod Oblast; Dzerzhinsk; Zelenaya Str.; 6; Russian Federation</p> <p>Telephone: +7 (8313) 24-39-05</p> <p>Website: http://niikristall.ru/</p> <p>Email: kristall@niikristall.ru</p> <p>Registration number: 5249116549 (Tax ID/INN)</p>	25.2.2023
457.	<p>Joint Stock Company Svetlana Semiconductors</p> <p>Local name: Акционерное Общество «Светлана- Полупроводники» (АО «Светлана- Полупроводники»)</p> <p>A.k.a: AO Svetlana Poluprovodniki</p>	<p>Address(es): 124460, Moscow, Zelenograd, Akademika Valieva Str., 6, Building 2 Floor/Premises 1/I, Room 28, Russian Federation; 194156, St. Petersburg, Engelsa Avenue, 27, Letter AM, Room 18-H, Russian Federation</p> <p>Telephone: +7 812 554-03-85, +7 (812) 646-85-66</p> <p>Website: https://svetpol.ru/</p> <p>Email: office@svetpol.ru</p> <p>Registration number: 7802002037 (Tax ID/INN)</p>	25.2.2023

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458.	<p>Joint Stock Company Voronezh Semiconductor Devices Factory Assembly</p> <p>Local name: Акционерное Общество «Воронежский Завод Полупроводниковых Приборов - Сборка» (АО «ВЗПП-С»)</p> <p>A.k.a: AO Voronezhsky Zavod Poluprovodnikovyykh PriborovSborka; AO VZPP-S; JSC VZPP-S</p>	<p>Address(es): 394033, Voronezh Oblast, Voronezh, Leninsky Avenue, 119A, Russian Federation</p> <p>Telephone: +7 (473) 223-03-55</p> <p>Website: https://vzpp-s.ru/</p> <p>Email: ceo@vzpp-s.ru</p> <p>Registration number: 3661033635 (Tax ID/INN)</p>	25.2.2023
459.	<p>KAMAZ Publicly Traded Company</p> <p>Local name: Публичное Акционерное Общество «Камаз» (ПАО «Камаз»)</p> <p>A.k.a: KAMAZ PJSC; KAMAZ PAO; KAMAZ PTC; Kamskoe Obedinenie po Proizvodstvu Bolshhegruznykh Avtomobilei Kamaz</p>	<p>Address(es): 423827, Republic of Tatarstan, Naberezhnye Chelny, Avtozavodskiy Prospekt, 2, Russian Federation</p> <p>Telephone: +8-800-555-00-99</p> <p>Website: https://kamaz.ru/</p> <p>Email: callcentre@kamaz.org</p> <p>Registration number: 1650032058 (Tax ID/INN)</p>	25.2.2023
460.	<p>Keldysh Institute of Applied Mathematics of the Russian Academy of Sciences</p> <p>Local name: Федеральное Государственное Учреждение «Федеральный Исследовательский Центр Институт Прикладной Математики Им. М.В. Келдыша Российской Академии Наук» (ИПМ Им. М.В. Келдыша РАН)</p> <p>A.k.a: Federalnoe Gosudarstvennoe Uchrezhdenie Federalny Issledovatel'ski Tsentr Institut Prikladnoi Metematiki I.M. Keldysha Rossiiskoi Akademii Nauk; IPM IM. M.V. Keldisha RAN; KIAM RAS; Federal State Institution "Federal Research Center Institute of Applied Mathematics named after. M.V. Keldysh of the Russian Academy of Sciences"</p>	<p>Address(es): 125047, Moscow, Miusskaya Square, 4, Russian Federation</p> <p>Telephone: +7 499 978-13-14</p> <p>Website: https://keldysh.ru/</p> <p>Email: office@keldysh.ru</p> <p>Registration number: 7710063939 (Tax ID/INN)</p>	25.2.2023

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461.	<p>Limited Liability Company Research and Production Association Radiovolna</p> <p>Local name: Общество с Ограниченной Ответственностью «Научно-Производственное Объединение «Радиоволна» (ООО «НПО «Радиоволна»)</p> <p>A.k.a: LLC NPO Radiovolna, ООО Nauchno- Proizvodstvennoe Obedinienie Radiovolna, ООО NPO Radiovolna</p>	<p>Address(es): 199106, St. Petersburg, 22nd Liniya, 3, Building 1, Letter M, Premises 1N, Office 618, Russian Federation; 199106, St. Petersburg, Kozhevennaya Liniya, 1-3, Letter P, Premises 1N, Russian Federation; 198320, St. Petersburg, Avotovo District, Kingiseppskoe Highway, 55, Russian Federation</p> <p>Telephone: +7 (812) 640-78-32</p> <p>Website: https://nporadiovolna.ru/</p> <p>Email: mail@nporadiovolna.ru</p> <p>Registration number: 7838478782 (Tax ID/INN)</p>	25.2.2023
462.	<p>Limited Liability Company RSB-Group</p> <p>Local name: Общество с Ограниченной Ответственностью «РСБ-ГРУПП» (ООО «РСБ- ГРУПП»)</p> <p>A.k.a: LLC Intelligence Technologies; ООО RSB- Grupp; Razvedyvatelnye Tekhnologii ООО; Russian Security Systems</p>	<p>Address(es): 117525, Moscow, Dnepropetrovskaya Str., 3, Building 5, Floor 1, Premises III, Room 8, Office 6-6, Russian Federation;</p> <p>Telephone: +7 499 124-78-53; +7 495 500-62-84</p> <p>Website: http://rsb-group.ru/</p> <p>Email: office@rsb-group.ru</p> <p>Registration number: 7726531639 (Tax ID/INN)</p>	25.2.2023
463.	<p>Mitishinskiy Scientific Research Institute of Radio Measuring Instruments</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение «Всероссийский Научно- Исследовательский Институт Радиоэлектроники» (ФГБУ «ВНИИР»)</p> <p>A.k.a: Federalnoe Gosudarstvennoe Byudzhethnoe Uchrezhdenie Vserossiiskii Nauchno-Issledovatel'skii Institut Radioelektroniki; Federal State Unitary Enterprise MNIIRIP; FGBU VNIIR; FGBU Vserossiiskii Nauchno-Issledovatel'skii Institut Radioelektroniki; FGUP MNIIRIP; FSBI VNIIR; Mytishchi Research Institute for RF Measurement Instruments; Federal State Budgetary Institution All-Russian Scientific Research Institute of Radio Electronics</p>	<p>Address(es): 141002, Moscow Oblast, Kolpakova Str., 2A, Building B1, Floor 3, Offices 66, 87, Russian Federation</p> <p>Telephone: +7 906 784-95-25; +7 495 586-17-21</p> <p>Website: https://vniir-m.ru/</p> <p>Email: info@mniirip.ru; vniir@vniir-m.ru</p> <p>Registration number: 5029267743 (Tax ID/INN)</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
464.	Open Joint Stock Company Khabarovsk Radio Engineering Plant Local name: Акционерное Общество «Хабаровский Радиотехнический Завод» (АО «ХРТЗ») A.k.a: AO Khabarovskiy Radiotekhnicheskii Zavod; AO KhRTZ, JSC Khabarovsk Radio Engineering Plant; KHRTZ PAO; OAO KHRTZ	Address(es): 680041, Khabarovsk Krai, Khabarovsk, Kedrovyy Lane, 8, Building V, Russian Federation Telephone: +7 421 253-02-52; +7 421 253-00-91 Website: https://khrtz.ru/ Email: khrtz@mail.ru Registration number: 2723118304 (Tax ID/INN)	25.2.2023
465.	Open Joint Stock Company Mariyskiy Machine- Building Plant Local name: Акционерное Общество «Марийский Машино-строительный Завод» (АО «ММЗ») A.k.a: AO Mariyskiy Mashinostroitelnyi Zavod; AO MMZ; JSC Mari Machine Building Plant; MARI MMZ; OAO Mariyskiy Mashinostroitelnyy Zavod; OAO MMZ	Address(es): 424003, Republic of Mari-El, Yoshkar-Ola, Suvorova Str., 15, Russian Federation Telephone: (8362) 45-27-77 Website: https://marimmz.ru/ Email: mmz@marimmz.ru Registration number: 1200001885 (Tax ID/INN)	25.2.2023
466.	Open Joint Stock Company Scientific and Production Enterprise Pulsar Local name: Акционерное Общество «Научно-Производственное Предприятие «Пульсар» (АО «НПП «Пульсар») A.k.a: AO Nauchno-Proizvodstvennoe Predpriyatie Pulsar; AO NPP Pulsar; Enterprise SPE Pulsar JSC; JSC NPP Pulsar; JSC SPC Pulsar; OAO NPP Pulsar; SPE Pulsar	Address(es): 105187, Moscow, Okruzhnoy Proezd, 27, Russian Federation Telephone: +7 (495) 365-12-30 Website: https://pulsarnpp.ru/ Email: administrator@pulsarnpp.ru Registration number: 7719846490 (Tax ID/INN)	25.2.2023
467.	Open Joint Stock Company Megafon Local name: Публичное Акционерное Общество «Мегафон» (ПАО «Мегафон») A.k.a: Megafon; PAO Megafon; PJSC Megafon	Address(es): 127006, Moscow, Oruzheiny Lane, 41, Russian Federation Telephone: 8-800-550-05-00; +7 922-111-05-00 Website: http://megafon.ru/ Registration number: 7812014560 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
468.	Public Joint Stock Company Tutaev Motor Plant Local name: Публичное Акционерное Общество «Тутаевский Моторный Завод» (ПАО «ТМЗ») A.k.a: OAO Tutaevski Motorny Zavod; PAO TMZ; and PAO Tutaevski Motorny Zavod	Address(es): 152303, Yaroslavl Oblast, Tutaevsky District, Tutaev, Stroiteley Str., 1, Russian Federation Telephone: +7 800-234-12-21 Website: https://paotmz.ru/ Email: info@paotmz.ru Registration number: 7611000399 (Tax ID/INN)	25.2.2023
469.	Public Joint Stock Company Vypel Interstate Corporation Local name: Публичное Акционерное Общество «Межгосударственная Акционерная Корпорация «Вымпел» (ПАО «МАК «Вымпел») A.k.a: JSC MAC Vypel; PAO MAK Vypel; PAO Mezhgosudarstvennaya Aktsionernaya Korporatsiya Vypel; Vypel Interstate Commercial Corporation	Address(es): 125480, Moscow, Geroev Panfilovtsev Str. 10, Building 1, Russian Federation Telephone: +7 (499) 152 98 08 Website: https://macvypel.ru/ Email: info@macvypel.ru Registration number: 7714041693 (Tax ID/INN)	25.2.2023
470.	RT-Infom Limited Liability Company Local name: Общество с Ограниченной Ответственностью «РТ-Информ» (ООО «РТ- Информ») A.k.a: ООО RT-Infom	Address(es): 119048, Moscow, Turchaninov Lane, 6, Building 2, Office 105, Russian Federation; 119435, Moscow, Savvinskaya Embankment, 23, Building 2, Room 613, Russian Federation; 125424, Moscow, Volokolamskoe Highway, 75A, Russian Federation; 420021, Republic of Tatarstan, Kazan, Tatarstan Str., 11, P.O. Box 107, Russian Federation Telephone: +7 (499) 557-06-52 Website: http://rtinform.ru/ Email: info@rtinform.ru Registration number: 7704810710 (Tax ID/INN)	25.2.2023

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Number	Name	Identifying Information	Date of listing
471.	<p>Skolkovo Foundation</p> <p>Local name: Некоммерческая Организация Фонд Развития Центра Разработки и Коммерциализации Новых Технологий (Фонд «Сколково»)</p> <p>A.k.a: Foundation for the Development of the Center for Elaboration and Commercialization of New Technologies; Fond Skolkovo; Fund Skolkovo; and Nekommercheskaya Organizatsiya Fond Razvitiya Tsentra Razrabortki I Kommertsializatsii Novykh Tekhnologii; Non-profit Organization Development Fund of the Center for Development and Commercialization of New Technologies</p>	<p>Address(es): 121205, Moscow, Skolkovo Innovation Centre, Lugovaya Str., 4, Russian Federation; 121205, Skolkovo Innovation Centre, Nobelya Str., 5, Russian Federation</p> <p>Telephone: +7 (495) 956 0033; +7 (800) 250 0921</p> <p>Website: https://sk.ru/</p> <p>Email: skfoundation@sk.ru</p> <p>Registration number: 7701058410 (Tax ID/INN)</p>	25.2.2023
472.	<p>Skolkovo Institute of Science and Technology</p> <p>Local name: Автономная Некоммерческая Образовательная Организация Высшего Образования «Сколковский Институт Науки и Технологий» (Сколковский Институт Науки И Технологий, Сколтех)</p> <p>A.k.a: Autonomous Non-Profit Organization for Higher Education Skolkovo Institute of Science and Technology; Skolkovskiy Institut Nauki I Tekhnologii; and Skoltech</p>	<p>Address(es): 121205, Moscow, Skolkovo Innovation Centre, Bolshoi Boulevard, 30, Building 1, Russian Federation</p> <p>Telephone: +7 495 280-14-81</p> <p>Website: http://skoltech.ru/</p> <p>Email: inbox@skoltech.ru</p> <p>Registration number: 5032998454 (Tax ID/INN)</p>	25.2.2023
473.	<p>State Flight Testing Center Named After V.P. Chkalov</p> <p>Local name: 929-й Государственный лётно-испытательный центр Министерства обороны Российской Федерации имени В. П. Чкалова (929 ГЛИЦ ВВС)</p> <p>A.k.a: 929 GLITS; 929 State Flight Test Center; 929 GLITS VVS; 929 Gosudarstvenniy Letno-Ispytatelnyy Tsentr Ministerstvo Oboroni Rossiiskoi Federatsii IM. V.P. Chkalova; and GLITS MO RF IM. V.P. Ckhalova</p>	<p>Address(es): 416500, Astrakhan Oblast, Akhtubinsk, Russian Federation; Chkalovsky Airfield, Russian Federation; Astrakhan Oblast, Akhtubinsk-7, Military Unit 15650, Russian Federation</p>	25.2.2023

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Number	Name	Identifying Information	Date of listing
474.	<p>Joint Stock Company Research and Production Association Named After S.A. Lavochkina</p> <p>Local name: Акционерное Общество «Научно- Производственное Объединение им. С.А.Лавочкина» (АО «НПО Лавочкина»)</p> <p>A.k.a: AO Nauchno-Proizvodstvennoe Obedinenie IM. S.A. Lavochkina; JSC Lavochkin Science and Production Association; NPO imeni S.A. Lavochkina; NPO Lavochkin; S.A. Lavochkin Scientific Production Association</p>	<p>Address(es): 141402, Moscow Oblast, Khimki, Leningradskaya Str., 24, Russian Federation</p> <p>Telephone: +7(495) 286-60-00</p> <p>Website: https://www.laspace.ru/</p> <p>Email: npol@laspace.ru</p> <p>Registration number: 5047196566 (Tax ID/INN)</p>	25.2.2023
475.	<p>VMK Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «ВМК» (ООО «ВМК»)</p> <p>A.k.a: VMK LLC; ООО VMK</p>	<p>Address(es): 443050, Samara Oblast, Samara, Zubchaninovka Village, Smyshlyaevskoe Shosse, 1a, Office 258, Russian Federation</p> <p>Telephone: +7 846 972-94-22; +7 987 987-60-64; +7 846 224-07-25</p> <p>Email: rebus@vmksamara.ru</p> <p>Registration number: 6312121234 (Tax ID/INN)</p>	23.6.2023
476.	<p>Testkomplekt LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Тесткомплект» (ООО «Тесткомплект»)</p> <p>A.k.a: ООО TestKomplekt</p>	<p>Address(es): 107140, Moscow, Upper Krasnoselskaya Str., 2/1, Building 1, Floor 3, Room 317, Russian Federation; 141008, Moscow Oblast, Mytishchi, Kolpakova Str., 24A, Office 5.06, Business Centre "Atrium", Russian Federation</p> <p>Website: http://test-komplekt.ru/</p> <p>Telephone: +7 (495) 409-05-95</p> <p>Email: info@test-komplekt.ru</p> <p>Registration number: 5029208152 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
477.	Radiopriborsnab LLC Local name: Общество с Ограниченной Ответственностью «Радиоприборснаб» (ООО «Радиоприборснаб») A.k.a: ООО Radiopriborsnab; AO Radiopriborsnab	Address(es): 141014, Moscow Oblast, Mytischki, Trudovaya Str., 31 Building 1, Office 111, Russian Federation Telephone: +7 495 926-07-78; +7 925 556-28-45 Website: http://www.crpribor.ru/ Email: mail@crpribor.ru Registration number: 5029221971 (Tax ID/INN)	23.6.2023
478.	CJSC Radiotekhhkomplekt Local name: Акционерное Общество «Радиотехкомплект» (АО «РТКТ») A.k.a: AO RTKT; JSC Radiotekhhkomplekt	Address(es): 115184, Moscow, Bolshaya Tatarskaya Str., 35, Building 7-9, Floor 4, Russian Federation Telephone: +7 495 741-65-80 Website: https://www.rtkt.ru/ Email: radio@rtkt.ru Registration number: 7713122621 (Tax ID/INN)	23.6.2023
479.	Asia Pacific Links Ltd. A.k.a: Asia Pacific Links Limited	Address(es): Office E, 8/F., Shing Hing Commercial Building, 21-27 Wing Kut Street, Central District, Hong Kong Registration number: 2182045 (CR No.)	23.6.2023
480.	Tordan Industry Limited A.k.a: Tordan Industry Ltd.	Address(es): Unit 617, 6/F, 131-132 Connaught Road West, Solo Workshops, Hong Kong Registration number: 2687207 (CR No.)	23.6.2023
481.	Alpha Trading Investments Limited A.k.a: Alpha Trading Investments; Alpha Trading Investments Ltd	Address(es): Unit 617, 6/F, 131-132 Connaught Road West, Solo Workshops, Hong Kong Registration number: 3014289 (CR No.)	23.6.2023

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Number	Name	Identifying Information	Date of listing
482.	<p>A-CONTRAKT</p> <p>Local name: Холдинг А-Контракт</p> <p>A.k.a: A-Kontrakt</p>	<p>Address(es): 115419, Moscow, 2nd Roshchinskiy Prospekt, 8, Business Centre "Serpukhovskoy Dvor", Russian Federation; 197022, St. Petersburg, Aptekarsky Prospekt, 6, Russian Federation; 194044, St. Petersburg, Gelsingforskaya Str., 3, Letter "3", Premises 411-416, Russian Federation; St. Petersburg, Business Centre "Krasnaya Nitya", Russian Federation; 197022, St. Petersburg, Medikov Prospekt, 5, Letter "V", Russian Federation</p> <p>Telephone: +7 812 703-00-55</p> <p>Website: https://a-contract.ru/</p> <p>Email: info@acont.ru</p>	23.6.2023
483.	<p>JCS Izhevsk Motozavod Axion-Holding</p> <p>Local name: Акционерное Общество «Ижевский Мотозавод «Аксион-Холдинг» (АО «Ижевский Мотозавод «Аксион-Холдинг»)</p> <p>A.k.a: JSC Izhevsk Motor Plant Aksion-Holding</p>	<p>Address(es): 426008, Udmurt Republic, Izhevsk, Maksim Gorkogo Str., 90, Russian Federation</p> <p>Telephone: +7 (3412) 56-08-99; +7 (3412) 783-074</p> <p>Website: http://axion.ru/</p> <p>Email: office@axion.ru</p> <p>Registration number: 1826000616 (Tax ID/INN)</p>	23.6.2023
484.	<p>Gorky Plant of Communication Equipment (GZAS)</p> <p>Local name: Акционерное Общество «Горьковский Завод Аппаратуры Связи им. А.С. Попова» (АО «ГЗАС им. А.С. Попова»)</p> <p>A.k.a: Popov Communications Equipment Plant; JSC "GZAS"; Joint Stock Company "Gorky Communications Equipment Plant named after. A.S. Popova"; AO GZAS im. A. S. Popova</p>	<p>Address(es): 603951, Nizhny Novgorod Oblast, Nizhny Novgorod, Internatsionalnaya Str., 100, Russian Federation</p> <p>Telephone: +7 (831) 260-01-01; +7 (831) 245-61-74</p> <p>Website: https://gzas.ru/</p> <p>Email: info@gzas.ru</p> <p>Registration number: 5257008145 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
485.	<p>Nizhny Novgorod Research Institute of Radio Engineering (NNIIRT)</p> <p>Local name: Акционерное Общество «Федеральный Научно-Производственный Центр «Нижегородский Научно-Исследовательский Институт Радиотехники» (АО «ФНПЦ «ННИИРТ»)</p> <p>A.k.a: Federal Research and Production Center “Nizhny Novgorod Scientific Research Institute of Radio Engineering”; АО FNPTs NNIIRT</p>	<p>Address(es): 603152, Nizhny Novgorod Oblast, Nizhny Novgorod, Shaposhnikova Str., 5, Russian Federation</p> <p>Telephone: +7 (831) 465 63 79; +7 (831) 465 20 28</p> <p>Website: https://nniirt.ru/</p> <p>Email: nniirt@nniirt.ru</p> <p>Registration number: 5261064047 (Tax ID/INN)</p>	23.6.2023
486.	<p>Nizhegorodskiy Televizionny Zavod (NITEL JSC)</p> <p>Local name: Публичное Акционерное Общество «Нижегородский Телевизионный Завод им. В. И. Ленина» (ПАО «НиТел»)</p> <p>A.k.a: PAO NITEL; Public Joint Stock Company “Nizhny Novgorod Television Plant named after. V. I. Lenin”</p>	<p>Address(es): 603009, Nizhny Novgorod Oblast, Nizhny Novgorod, Gagarina Prospekt, 37, Russian Federation</p> <p>Telephone: +7 (831) 469-71-83</p> <p>Website: https://nitel-oao.ru/</p> <p>Email: nitel-nnov@mail.ru</p> <p>Registration number: 5261001745 (Tax ID/INN)</p>	23.6.2023
487.	<p>LLC Rezonit</p> <p>Local name: Общество с Ограниченной Ответственностью «Резонит» (ООО «Резонит»)</p> <p>A.k.a: ООО Rezonit</p>	<p>Address(es): 124527, Moscow, Zelenograd, Solnechnaya Alleya, 6, Premises III, Floor 2, Room 3, Russian Federation; 197022, St. Petersburg, Instrumentalnaya Str., Building 3, Letter K, Door No. 4, Kantemirovsky Business Centre, Russian Federation; 620137, Ekaterinburg, Botanicheskaya Str., 19, Office 4, Russian Federation</p> <p>Telephone: 8 800 777-81-18; +7 (495) 777-80-80</p> <p>Website: http://rezonit.ru/</p> <p>Email: pcb@rezonit.ru</p> <p>Registration number: 5044031157 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
488.	ZAO Promelektronika Local name: Закрытое Акционерное Общество «Промэлектроника» (ЗАО «Промэлектроника») A.k.a: Closed Joint Stock Company “Promelectronica”; Promelektronika	Address(es): 620034, Sverdlovsk Oblast, Ekaterinbourg, Kolmogorova Str.,70, Russia Telephone: +8 800 1000-321 Website: https://www.promelec.ru/ Email: info@promelec.ru Registration number: 6659002145 (Tax ID/INN)	23.6.2023
489.	TD Promelektronika LLC Local name: Общество с Ограниченной Ответственностью Торговый Дом «Промэлектроника» (ООО ТД «Промэлектроника») A.k.a: ООО TD Promelektronika; Trading House Promelektronika	Address(es): 620034, Sverdlovsk Oblast, Ekaterinburg, Kolmogorova Str.,70, Office 209 Russia; Ekaterinburg, Kolmogorova Str., 73/2, Russia; Ekaterinburg, Sukhodolskaya Str., 197, Russia Telephone: +8 800 1000-321; +7 (343) 372-92-28 Website: https://www.promelec.ru/ Email: order@promelec.ru Registration number: 6659197470 (Tax ID/INN)	23.6.2023
490.	Tako LLC Local name: «ՏԱԿՈ» ՍՊԸ; ООО «ТАКО» A.k.a: Taco LLC; ООО ТАКО	Address(es): 17 Garegin Nzhdehi Street, Shengavit, Yerevan, 0026, Republic of Armenia Registration number: 269.110.1228684 (Registration No.)	23.6.2023
491.	Art Logistics LLC Local name: Общество с Ограниченной Ответственностью «Искусство Логистики» (ООО «Искусство Логистики») A.k.a: Art of Logistics LLC	Address(es): 117519, Moscow, Kirovogradskaya Str., 32, Russian Federation Telephone: +7 499 501-00-92 Registration number: 7726745648 (Tax ID/INN)	23.6.2023

Number	Name	Identifying Information	Date of listing
492.	<p>GFK Logistics LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Джиэфкей Логистикс» (ООО «Джиэфкей Логистикс»)</p> <p>A.k.a: ООО Dzhiéfkei Logistiks</p>	<p>Address(es): 117519, Moscow, Kirovogradskaya Str., 32, Russian Federation</p> <p>Telephone: +7 (499) 340-11-69; +8 (495) 506-74-10</p> <p>Website: https://gfklog.ru/</p> <p>Email: info@gfklog.ru</p> <p>Registration number: 7701970257 (Tax ID/INN)</p>	23.6.2023
493.	<p>Novastream Limited</p> <p>Local name: Общество с Ограниченной Ответственностью «Новастрим» (ООО «Новастрим»)</p> <p>A.k.a: Novastream LTD; ООО Novastrim</p>	<p>Address(es): 600007, Vladimir Oblast, Vladimir, Severnaya Str., 2A, Room 51, Russian Federation</p> <p>Telephone: +7 999 516-75-09</p> <p>Email: novastream@bk.ru</p> <p>Registration number: 3329101270 (Tax ID/INN)</p>	23.6.2023
494.	<p>SKS Elektron Broker</p> <p>Local name: Общество с Ограниченной Ответственностью «СКС Электрон Брокер» (ООО «СКС Электрон Брокер»)</p> <p>A.k.a: ООО SKS Elektron Broker; LLC SKS Electron Broker</p>	<p>Address(es): 117218, Moscow, Krzhizhanovskogo Str., 15, Building. 5, Floor 5, Office 517B, Russian Federation; 129301, Moscow, Kosmonavtov Street, 18, Block 2, Russian Federation; 141400, Moscow Oblast, Khimki, Sheremetyevo-2 Business, Floor 3, Office 316, Russian Federation; 142015, Moscow Oblast, Domodedovo Airport Territory, Building 8, Russian Federation; 692941, Primorsky Krai, Nakhodka, Vnutriportovaya Str., Office 301, Russian Federation; 150054, Yaroslavl Oblast, Yaroslavl, Lenina Avenue, 61A, Office 701, Russian Federation; 196210, St. Petersburg, Pulkovskoe Highway, 37, Building 4, Floor 3n1, Office 3.076, Russian Federation; 194292, St. Petersburg, 5th Verkhniy Lane, Industrial Zone Pamas, Letter Zh, Office 117, Russian Federation; 196084, St. Petersburg, Tsvetochnaya Str., 16, Business Centre Osipoff, Office 415, Russian Federation</p> <p>Telephone: +7 495 682-21-35</p> <p>Email: support@eps-customs.ru</p> <p>Website: http://eps-customs.ru/; http://sks-broker.ru/</p> <p>Registration number: 7704548269 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
495.	Trust Logistics Local name: Общество с Ограниченной Ответственностью «Логистика Доверия» (ООО «Логистика Доверия») A.k.a: ООО Logistika Deveriya; Trust Logistics LLC	Address(es): 141402, Moscow Oblast, Khimki, Engels St., 27, Floor 2, Room. 89, Russian Federation; 141402, Moscow Oblast, Khimki, Territory of Sheremetyevo Airport, Property 5, 3rd Floor, Office 321, Russian Federation Telephone: +7 499 505-50-48; +7 495 796-27-68; Website: https://www.trust-logistics.ru/ Email: p.akifev@trust-logistics.ru Registration number: 7721758555 (Tax ID/INN)	23.6.2023
496.	Trust Logistics LLC Local name: Общество с Ограниченной Ответственностью «Траст Лоджистикс Групп» (ООО «Траст Лоджистикс Групп») A.k.a: Trust Logistics Group LLC; ООО Trast Lodzhistikс Grupp	Address(es): 125368, Moscow, Baryshikha Str., 32, Building 1, Room 1/1, Russian Federation; 141402, Samara; Yelizarova Str., 23, Russian Federation; 125466, Yurovskaya Str., 92, Suite I, Room 40, Russian Federation; 141402, Moscow Oblast, Khimki, Territory of Sheremetyevo Airport, Property 5, 3rd Floor, Office 321, Russian Federation Telephone: +7 499 505-50-48; +7 499 505 5048; +7 937 184-49-77 Website: https://www.trust-logistics.ru/ Registration number: 7733899720 (Tax ID/INN)	23.6.2023
497.	Alfa Beta Creative LLC Local name: “ALFA BETA CREATIVE” mas’uliyati cheklangan jamiyati	Address(es): 16A Navoi Street, Shaykhantakhur District, Tashkent, 100011, Republic of Uzbekistan Telephone: 999810409 Email: seva4505@mail.ru Registration number: 309628784 (Tax ID/INN)	23.6.2023
498.	GFK Logistics Asia LLC Local name: “GFK LOGISTIC ASIA” mas’uliyati cheklangan jamiyati	Address(es): 16A Navoi Street, Shaykhantakhur District, Tashkent, 100011, Republic of Uzbekistan Telephone: 977467546 Email: lady.k.yu.a31@gmail.com Registration number: 305439019 (Tax ID/INN)	23.6.2023

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Number	Name	Identifying Information	Date of listing
499.	I Jet Global DMCC A.k.a: iJet	Address(es): Damascus, Syrian Arab Republic	23.6.2023
500.	I Jet Global DMCC Local name: آي جت غلوبال م.د.م.س A.k.a: iJet	Address(es): Unit No: 3504, 1 Lake Plaza, Plot No: JLT-PH2- T2A, Jumeirah Lakes Towers, P.O. Box-211764, Dubai, United Arab Emirates; Telephone: +971 4 553 04 02 Website: http://www.ijet.aero/ Registration number: 11464425 (CBLS No.)	23.6.2023
501.	Success Aviation Services FZC Local name: ساكسيس افيشن سيرفيسز ش م ح A.k.a: Success Aviation; Success Aviation Services FZCO	Address(es): 608, The Apricot Tower, Dubai Silicon Oasis, P.O.BOX-341999, Dubai, United Arab Emirates; Building L1, Sharjah International Airport, Sharjah, United Arab Emirates Telephone: +971 4 3020 444 Website: https://success.aero/ Registration number: 11442981 (CBLS No.)	23.6.2023
502.	LLC CST (Zala Aero Group) Local name: Общество с Ограниченной Ответственностью «ЦСТ» (ООО «ЦСТ») A.k.a: Zala Aero Group; Zala Aero	Address(es): 127030, Moscow, Institutskiy Lane, 2, Floor 5, Room 7, Russian Federation; 426011, Izhevsk, UR, P.O. 9050, Russian Federation; 127055, Moscow, Perunovsky Lane, 3, Building 2, Floor 3, Room 21, Russian Federation Telephone: +7 495 665-51-20; +7 341 243-05-05; +7 (800) 550-421-4 Website: https://zala-aero.com/ Email: info@zala.ru ; info@zala.aero ; info@zala-aero.com Registration number: 1841015504 (Tax ID/INN)	23.6.2023

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Number	Name	Identifying Information	Date of listing
503.	Iran Aircraft Manufacturing Industries Corporation Local name: شرکت صنایع هواپیماسازی ایران A.k.a: HESA; Iran Aircraft Manufacturing Industrial Company; Hava Peyma Sazi-e Iran; Havapeyma Sazhran; Havapeyma Sazi Iran; IAMI; IAMCO; HTC	Address(es): P.O. Box 8140, No. 107 Sepahbod Gharany Ave, Tehran, Islamic Republic of Iran; Esfahan, P.O. Box 83145-311, 28 km Esfahan – Tehran Freeway, Shahin Shahr, Islamic Republic of Iran; Box 14155-5568, N°27 Ahahamat Ave, Vallie Asr Square, Teheran, Islamic Republic of Iran Telephone: +98 31 45224910-20 Website: http://www.hesa.ir Email: info@hesaco.com Registration number: 10100722073 (ID)	23.6.2023
504.	Closed Joint Stock Company Special Design Bureau Local name: Акционерное Общество «Специальное Конструкторское Бюро» (АО «СКБ») A.k.a: ZAO SKB; AO SKB	Address(es): 614014, Perm Krai, Perm, 1905 Goda Str., 35/Zh, Russian Federation Telephone: +7(342) 260-76-98 Website: http://mz.perm.ru Email: sdg@mz.perm.ru Registration number: 5906034720 (Tax ID/INN)	23.6.2023
505.	Federal State Enterprise Kazan State Gunpowder Plant Local name: Федеральное Казенное Предприятие «Казанский Государственный Казенный Пороховой Завод» (ФКП «КГКПЗ») A.k.a: FKP KGKPZ	Address(es): 420032, Republic of Tatarstan, Kazan, Pervogo Maya Str., 14, Russian Federation Telephone: +7 (843) 554-45-73 Website: http://kazanpowder.ru/ Email: odp@kgpp.ru Registration number: 1656025681 (Tax ID/INN)	23.6.2023
506.	Federal State Unitary Enterprise Central Scientific Research Institute of Chemistry and Mechanics Local name: Федеральное Государственное Унитарное Предприятие «Центральный Научно- Исследовательский Институт Химии и Механики» (ФГУП «ЦНИИХМ») A.k.a: FGUP TSNIKHM	Address(es): 115487, Moscow, Nagatinskaya Str., 16A, Russian Federation Telephone: +8 (499) 611-51-29 Website: http://cniihm.ru/ Email: mail@cniihm.ru Registration number: 7724073013 (Tax ID/INN)	23.6.2023

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Number	Name	Identifying Information	Date of listing
507.	Federal State Unitary Enterprise Rostov-On-Don Research Institute of Radio Communications Local name: Федеральное Государственное Унитарное Предприятие «Ростовский-На-Дону Научно-Исследовательский Институт Радиосвязи» (ФГУП «РНИИРС» или ФГУП «Федеральный Научно-Производственный Центр РНИИРС») A.k.a: FGUP RNIIRS; Federal Research and Production Centre RNIIRS	Address(es): 344038, Rostov Oblast, Rostov-on-Don, Nansen Str., 130, Russian Federation Telephone: +7 (863) 2000-555,+7 (863) 2555-311 Website: https://www.miiirs.ru/ Email: miiirs@miiirs.ru Registration number: 6152001024 (Tax ID/INN)	23.6.2023
508.	Informtest Firm Limited Liability Company Local name: Общество с Ограниченной Ответственностью Фирма «Информтест» (ООО Фирма «Информтест») A.k.a: Informtest Firm LLC; ООО Фирма Informtest	Address(es): 124482, Moscow, Zelenograd, Savyolkinsky Proezd, 4, Apartment 6, Floor XIV, Room 8, Russian Federation Telephone: +7 (495) 983-10-73 Website: http://infest.ru/ Email: infest@infest.ru Registration number: 7735075319 (Tax ID/INN)	23.6.2023
509.	Joint Stock Company 150 Aircraft Repair Plant Local name: Акционерное Общество «150 Авиационный Ремонтный Завод» (АО «150 Авиационный Ремонтный Завод») A.k.a: JSC 150 ARZ	Address(es): 238347, Kaliningrad Oblast, Svetly, Lublino Village, Garrisonnaya Str., 4, Russian Federation Telephone: +7 (40152) 2 41 72 Website: http://150-arz.ru/ ; https://rhc.aero/structure/150-aviacionnyy-remontnyy-zavod Email: inform@150-arz.ru Registration number: 3913501370 (Tax ID/INN)	23.6.2023
510.	Joint Stock Company 810 Aircraft Repair Plant Local name: Акционерное Общество «810 Авиационный Ремонтный Завод» (АО «810 Авиационный Ремонтный Завод») A.k.a: 810 ARZ	Address(es): 672003, Trans-Baikal Krai, Chita, Vertoletnaya Str., 1, Russian Federation Telephone: +7 (3022) 28 34 11 Website: https://810arz.ru/ ; https://rhc.aero/structure/ao-810-aviacionnyy-remontnyy-zavod Email: 810to@mail.ru Registration number: 7536080716 (Tax ID/INN)	23.6.2023

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Number	Name	Identifying Information	Date of listing
511.	<p>Joint Stock Company Arzamas Instrument-Making Plant named after P.I. Plandin</p> <p>Local name: Акционерное Общество «Арзамасский Приборостроительный Завод имени П.И. Пландина» (АО «АПЗ»)</p> <p>A.k.a: AO APZ; Joint Stock Company Plandin Arzamas Instrument Manufacturing Plant</p>	<p>Address(es): 607220, Nizhny Novgorod Oblast, Arzamas, 50 Let VLKSM Str., 8-A, Russian Federation</p> <p>Telephone: +7 (83147) 7-91-33</p> <p>Website: https://aoapz.ru/</p> <p>Email: apz@aoapz.ru</p> <p>Registration number: 5243001742 (Tax ID/INN)</p>	23.6.2023
512.	<p>Joint Stock Company Concern Central Institute for Scientific Research Elektropribor</p> <p>Local name: Акционерное Общество «Концерн «Центральный Научно-Исследовательский Институт «Электроприбор» (АО «Концерн «ЦНИИ «Электроприбор»)</p> <p>A.k.a: Concern TsNII Elektropribor; State Research Center of the Russian Federation Concern CSRI Elektropribor, JSC; Elektropribor</p>	<p>Address(es): 197046, St. Petersburg, Malaya Posadskaya Str., 30, Russian Federation</p> <p>Telephone: +7 (812) 232-59-15</p> <p>Website: http://www.elektropribor.spb.ru/</p> <p>Email: office@eprib.ru</p> <p>Registration number: 7813438763 (Tax ID/INN)</p>	23.6.2023
513.	<p>Joint Stock Company Dux</p> <p>Local name: Акционерное Общество «Дукс» (АО «Дукс»)</p> <p>A.k.a: AO DUKS</p>	<p>Address(es): 125124, Moscow, Pravdy Str. 8, Building 3, Room 1/2, Russian Federation</p> <p>Telephone: +7 (499) 257-10-93</p> <p>Website: http://duks.su/</p> <p>Email: info@duks.su</p> <p>Registration number: 7714077682 (Tax ID/INN)</p>	23.6.2023
514.	<p>Joint Stock Company Eastern Shipyard</p> <p>Local name: Акционерное Общество «Восточная Верфь» (АО «Восточная Верфь»)</p> <p>A.k.a: AO Vostochnaya Verf; JSC Vostochnaia Verf; AO V-VERF</p>	<p>Address(es): 690017, Primorsky Krai, Vladivostok, Geroev Tikachestsev Str., 1, Russian Federation</p> <p>Telephone: +7 423 265-88-10</p> <p>Website: https://vverf.ru/</p> <p>Email: Info@vverf.ru</p> <p>Registration number: 2537009643 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
515.	<p>Joint Stock Company Information Satellite Systems Named After Academician M.F. Reshetnev</p> <p>Local name: Акционерное Общество «Информационные Спутниковые Системы» имени Академика М.Ф. Решетнёва» (АО «Решетнёв»)</p> <p>A.k.a: AO ISS, AO Reshetnev; Satellite Information Systems Reshetnev</p>	<p>Address(es): 662972, Krasnoyarsk Krai, Zheleznogorsk, Lenina Str., 52, Russian Federation</p> <p>Telephone: +7 (3919) 72-24-39</p> <p>Website: http://iss-reshetnev.ru/</p> <p>Email: office@iss-reshetnev.ru</p> <p>Registration number: 2452034898 (Tax ID/INN)</p>	23.6.2023
516.	<p>Joint Stock Company Izhevsk Electromechanical Plant Kupol</p> <p>Local name: Акционерное Общество «Ижевский Электромеханический Завод «Купол» (АО «ИЭМЗ «Купол»)</p> <p>A.k.a: АО IEMZ Kupol</p>	<p>Address(es): 426033, Udmurt Republic, Izhevsk, Pesochnaya Str., 3, Russian Federation</p> <p>Telephone: +7 (3412) 72-22-09</p> <p>Website: https://kupol.ru/</p> <p>Email: iemz@kupol.ru</p> <p>Registration number: 1831083343 (Tax ID/INN)</p>	23.6.2023
517.	<p>Joint Stock Company Kazan Optical-Mechanical Plant</p> <p>Local name: Акционерное Общество «Казанский Оптико-Механический Завод» (АО «КОМЗ»)</p> <p>A.k.a: АО КОМЗ; JSC Kazan Optical and Mechanical Plant</p>	<p>Address(es): 420075, Republic of Tatarstan, Kazan, Lipatova Str., 37, Russian Federation</p> <p>Telephone: +7(843) 235-80-01</p> <p>Website: https://komzrt.ru/</p> <p>Email: Info@komzrt.ru</p> <p>Registration number: 1660004229 (Tax ID/INN)</p>	23.6.2023
518.	<p>Joint Stock Company Khabarovsk Shipbuilding Yard</p> <p>Local name: Акционерное Общество «Хабаровский Судостроительный Завод» (АО «ХСЗ»)</p> <p>A.k.a: Joint-Stock Company Khabarovskiy Shipyard; Joint-Stock Company Khabarovskiy Shipbuilding Plant; AO KhSZ</p>	<p>Address(es): 680003, Khabarovsk Krai, Khabarovsk, Suvorova Str., 1, Russian Federation</p> <p>Telephone: +7 (4212) 458-535</p> <p>Website: https://aohsz.com/</p> <p>Email: aohsz@aohsz.ru</p> <p>Registration number: 2723112662 (Tax ID/INN)</p>	23.6.2023

Number	Name	Identifying Information	Date of listing
519.	<p>Joint Stock Company Machine Building Company Vityaz</p> <p>Local name: Акционерное Общество «Машиностроительная Компания «Витязь» (АО «МК «Витязь»)</p> <p>A.k.a: МК Vityaz AO; JSC Vityaz</p>	<p>Address(es): 453203, Republic of Bashkortostan, Ishimbay District, Ishimbay, Industrialnoye Shosse, 2, Russian Federation</p> <p>Telephone: 8(34794)2-47-87</p> <p>Website: http://bolotohod.ru/</p> <p>Email: vityaz@vtz.uvz.ru</p> <p>Registration number: 0261013879 (Tax ID/INN)</p>	23.6.2023
520.	<p>Joint Stock Company Management Company Radiostandard</p> <p>Local name: Акционерное Общество «Управляющая Компания «Радиостандарт» (АО «УК «Радиостандарт»)</p> <p>A.k.a: JSC MC Radiostandard; AO UK Radiostandard</p>	<p>Address(es): 198097, St. Petersburg, Marshala Govorova Str., 29, Letter N, Russian Federation</p> <p>Telephone: +7 812 336-70-55; +7 (812) 319-67-82</p> <p>Website: http://www.radio-standart.ru/</p> <p>Email: info@radio-standart.ru</p> <p>Registration number: 7805242397 (Tax ID/INN)</p>	23.6.2023
521.	<p>Joint Stock Company Marine Instrument Engineering Corporation</p> <p>Local name: Акционерное Общество «Корпорация Морского Приборостроения» (АО «КМП»)</p> <p>A.k.a: АО KMP; JSC Marine Instrumentation Corporation</p>	<p>Address(es): 197046, St. Petersburg, Malaya Posadskaya Str., 30, Letter A, Russian Federation</p> <p>Telephone: +8 (800)222-86-68</p> <p>Website: https://aokmp.ru/</p> <p>Email: mail@ao-kmp.ru</p> <p>Registration number: 7813649764 (Tax ID/INN)</p>	23.6.2023
522.	<p>Joint Stock Company NII Gidrosvyazi Shtil</p> <p>Local name: Акционерное Общество «Научно-Исследовательский Институт Гидросвязи «Штиль» (АО «НИИ Гидросвязи «Штиль»)</p> <p>A.k.a: JSC Research Institute of Hydrocommunication "Shtil"</p>	<p>Address(es): 400081, Volgograd Oblast, Volgograd, Angarskaya Str., 17, Russian Federation</p> <p>Telephone: +7 (8442) 49-98-52</p> <p>Website: http://shtil.org/</p> <p>Email: shtil@shtil.org</p> <p>Registration number: 3443055050 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
523.	<p>Joint Stock Company Nizhny Novgorod Plant of the 70th Anniversary of Victory</p> <p>Local name: Акционерное Общество «Нижегородский Завод 70-Летия Победы» (АО «НЗ 70-Летия Победы»)</p> <p>A.k.a: AO Nizhegorodskiy Zavod 70 Letiya Pobedy; NZSLP; AO NZ 70-Letiya Pobedy</p>	<p>Address(es): 603052, Nizhny Novgorod Oblast, Nizhny Novgorod, Sormovskoe Highway, 21, Russian Federation</p> <p>Telephone: +7 (831) 249-82-38</p> <p>Website: https://nzslp.ru/</p> <p>Email: 70Pobeda@nzslp.ru</p> <p>Registration number: 5259113339 (Tax ID/INN)</p>	23.6.2023
524.	<p>Joint Stock Company Northern Production Association Arktika</p> <p>Local name: Акционерное Общество «Северное Производственное Объединение «Арктика» (АО «СПО «Арктика»)</p> <p>A.k.a: JSC SPO Arktika</p>	<p>Address(es): 164500, Arkhangelsk Oblast, Severodvinsk, Arkhangelskoye Shosse, 34</p> <p>Telephone: +7 8184 58-75-99</p> <p>Website: https://spoarktika.ru/</p> <p>Email: arktika@spoarktika.ru</p> <p>Registration number: 2902057930 (Tax ID/INN)</p>	23.6.2023
525.	<p>Joint Stock Company Perm Machine Building Plant</p> <p>Local name: Акционерное Общество «Пермский Завод «Машиностроитель» (АО «ПЗ «Маш», АО «Пермский Завод «Машиностроитель»)</p> <p>A.k.a: JSC PZ Mash; AO PZ Mash; AO Permskiy Zavod Mashinostroitel; JSC PP Mash; JSC Perm Plant Mashinostroitel</p>	<p>Address(es): 614014, Perm Krai, Perm, Novozvyaginskaya Str., 57, Russian Federation</p> <p>Telephone: +7 (342) 263-17-24</p> <p>Website: http://pzmash.ru/</p> <p>Email: pzmash@perm.ru</p> <p>Registration number: 5906075029 (Tax ID/INN)</p>	23.6.2023
526.	<p>Joint Stock Company Production Complex Akhtuba</p> <p>Local name: Акционерное Общество «Производственный Комплекс «Ахтуба» (АО «ПК «Ахтуба»)</p> <p>A.k.a: JSC PC Akhtuba; AO PK Akhtuba</p>	<p>Address(es): 400081, Volgogradskaya Oblast, Volgograd, Angarskaya Str., 17, Russian Federation</p> <p>Telephone: +7 (8442) 37-69-48</p> <p>Website: http://akhtuba.ru/</p> <p>Email: pk@akhtuba.ru</p> <p>Registration number: 3443048328 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
527.	<p>Joint Stock Company Project Design Bureau RIO</p> <p>Local name: Акционерное Общество «Проектно-Конструкторское Бюро «РИО» (АО «ПКБ «РИО»)</p> <p>A.k.a: JSC PKB RIO; RIO Design Bureau; Joint Stock Company "Design and Engineering Bureau RIO"</p>	<p>Address(es): 199155, St. Petersburg, Uralskaya Str., 19, Building 9, Letter Zh, Russian Federation</p> <p>Telephone: +7 (812) 313-61-81</p> <p>Website: https://pkb-rio.com/</p> <p>Email: rio@pkb-rio.com</p> <p>Registration number: 7805069865 (Tax ID/INN)</p>	23.6.2023
528.	<p>Joint Stock Company Scientific Production Association Orion</p> <p>Local name: Акционерное Общество «НПО «Орион» (АО «НПО «Орион»)</p> <p>A.k.a: JSC SPA Orion; AO NPO Orion; Orion Research Production Association</p>	<p>Address(es): 111538, Moscow, Kosinskaya Str., 9, Russian Federation</p> <p>Telephone: +7 (499) 374-94-00</p> <p>Website: https://orion-ir.ru/</p> <p>Email: orion@orion-ir.ru</p> <p>Registration number: 7720770380 (Tax ID/INN)</p>	23.6.2023
529.	<p>Joint Stock Company Scientific Production Association Volna Plant</p> <p>Local name: Акционерное Общество «Научно- Производственное Объединение Завод «Волна» (АО «НПО Завод «Волна»)</p> <p>A.k.a: AO NPO Zavod Volna; AO Nauchno- Proizvodstvennoe Obedinenie Zavod Volna; JSC SPA Volna Plant; Volna SPB</p>	<p>Address(es): 198095, St. Petersburg, Marshal Govorova Str., 29, Russian Federation</p> <p>Telephone: +7 (812) 448-69-60</p> <p>Website: https://volnaspb.ru/</p> <p>Email: info@volnaspb.ru</p> <p>Registration number: 7805047646 (Tax ID/INN)</p>	23.6.2023
530.	<p>Joint Stock Company Scientific Research Engineering Institute</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Инженерный Институт» (АО «НИИИ»)</p> <p>A.k.a: AO NIII; AO Nauchno-Issledovatel'skiy Inzhenerniy Institut; JSC SREI</p>	<p>Address(es): 143900, Moscow Oblast, Balashikha, Enthusiastov Shosse (Territory of the Western Industrial Zone), 6, Russian Federation</p> <p>Telephone: 8 (495) 524-91-12</p> <p>Website: http://oaoniii.ru/</p> <p>Email: pochta@aoniii.ru</p> <p>Registration number: 5001086137 (Tax ID/INN)</p>	23.6.2023

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Number	Name	Identifying Information	Date of listing
531.	<p>Joint Stock Company Scientific Research Institute of Computing Complexes Named After M.A. Kartsev</p> <p>Local name: Акционерное Общество «Научно- Исследовательский Институт Вычислительных Комплексов им. М.А. Карцева» (АО «НИИВК им. М. А. Карцева»)</p> <p>A.k.a: AO NIIVK N.A. M.A. Kartsev; AO NIIVK im. M.A. Kartsev; AO Nauchno-Issledelvatelsky Institut Vychislitelnykh Kompleksov imeni M.A. Kartseva</p>	<p>Address(es): 17437, Profsoyuznaya Str., 108, Russian Federation</p> <p>Telephone: +74953300929</p> <p>Website: https://niivk.ru/</p> <p>Email: postoffice@niivk.ru</p> <p>Registration number: 7728032882 (Tax ID/INN)</p>	23.6.2023
532.	<p>Joint Stock Company Scientific Technical Institute Radiosvyaz</p> <p>Local name: Акционерное Общество «Научно-Технический Институт «Радиосвязь» (АО «НТИ «Радиосвязь»)</p> <p>A.k.a: AO NTO Radiosvyaz</p>	<p>Address(es): 198097, St. Petersburg, Marshala Govorova Str., 29, Letter N, Russian Federation</p> <p>Telephone: +7 (812) 714-28-54; +7 (812) 305-25-20; +7 (812) 305-25-28</p> <p>Website: https://ntiradio.ru/</p> <p>Email: ntiradio@ntiradio.ru</p> <p>Registration number: 7812011739 (Tax ID/INN)</p>	23.6.2023
533.	<p>Joint Stock Company Taganrog Plant Priboy</p> <p>Local name: Акционерное Общество «Таганрогский Завод «Прибой» (АО «ТЗ «Прибой»)</p> <p>A.k.a: AO TZ Priboy</p>	<p>Address(es): 347913, Rostov Oblast, Taganrog, Bolshaya Bulvarnaya Str., 13, Russian Federation</p> <p>Telephone: +7 (812) 313-61-81</p> <p>Website: https://pkb-rio.com/</p> <p>Email: rio@pkb-rio.com</p> <p>Registration number: 6154093944 (Tax ID/INN)</p>	23.6.2023
534.	<p>Joint Stock Company Tula Cartridge Works</p> <p>Local name: Акционерное Общество «Тульский Патронный Завод» (АО «ТПЗ»)</p> <p>A.k.a: Tula Cartridge Plant JSC; TulAmmo; JSC "Tula Ammunition Plant"; AO TPZ</p>	<p>Address(es): 300004, Tula Oblast, Tula, Marata Str., 47B, Russian Federation</p> <p>Telephone: +7 4872 46 90 43</p> <p>Website: https://tulammo.ru/</p> <p>Email: tpz@tulammo.ru</p> <p>Registration number: 7105008338 (Tax ID/INN)</p>	23.6.2023

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535.	<p>Joint Stock Company Tula Machine-Building Plant</p> <p>Local name: Акционерное Общество «Акционерная Компания «Туламашзавод» (АО «АК «Туламашзавод»)</p> <p>A.k.a: AO AK Tulamashzavod</p>	<p>Address(es): 300002, Tula Oblast, Tula, Mosina Str., 2, Russian Federation</p> <p>Telephone: +7 (4872) 32-10-09; +7 (4872) 55-87-13</p> <p>Website: http://www.tulamash.ru/</p> <p>Email: sekretar@tulamash.ru</p> <p>Registration number: 7106002836 (Tax ID/INN)</p>	23.6.2023
536.	<p>Joint Stock Company Ulan-Ude Aviation Plant</p> <p>Local name: Акционерное Общество «Улан-Удэнский Авиационный Завод» (АО «У-УАЗ»)</p> <p>A.k.a: JSC UUAP; U-UAP JSC; AO U-UAZ; Ulan-Ude Aircraft Aviation Plant; Ulan-Ude Aviation Factory</p>	<p>Address(es): 670009, Republic of Buryatia, Ulan-Ude, Khorinskaya Str., 1, Russian Federation; 670009, Republic of Buryatia, Ulan-Ude, Tchaikovsky Str., 5, Office 35, Russian Federation</p> <p>Telephone: +7 (3012) 58-11-95; +7 (3012) 25 33 86</p> <p>Website: http://uuaz.ru/; https://www.rhc.aero/structure/ulan-udenskiy-aviacionnyy-zavod</p> <p>Email: uuaz@uuaz.ru</p> <p>Registration number: 0323018510 (Tax ID/INN)</p>	23.6.2023
537.	<p>Joint Stock Company Ulyanovsk Cartridge Works</p> <p>Local name: Акционерное Общество «Ульяновский Патронный Завод» (АО «УПЗ»)</p> <p>A.k.a: AO UPZ; JSC "Ulyanovsk Ammunition Plant"</p>	<p>Address(es): 432007, Ulyanovsk Oblast, Ulyanovsk, Shoferov Str., 1, Russian Federation</p> <p>Telephone: +8 (8422) 26-95-55</p> <p>Website: https://ulnammo.ru/</p> <p>Email: info@ulnammo.ru</p> <p>Registration number: 7328500127 (Tax ID/INN)</p>	23.6.2023
538.	<p>Joint Stock Company Ural Automotive Plant</p> <p>Local name: Акционерное Общество «Автомобильный Завод «Урал» (АО «АЗ «УРАЛ», АО «Автомобильный Завод «Урал»)</p> <p>A.k.a: Ural AZ; JSC Automobile Plant URAL; AO AZ Ural</p>	<p>Address(es): 456304, Chelyabinsk Oblast, Miass, Avtozavodtsev Prospekt, 1, Russian Federation</p> <p>Telephone: 8-800-100-11-74; +7 (3513) 55-49-83</p> <p>Website: https://uralaz.ru/</p> <p>Email: SecrUral@uralaz.ru</p> <p>Registration number: 7415029289 (Tax ID/INN)</p>	23.6.2023

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539.	Joint Stock Company Vodtranspribor Local name: Акционерное Общество «Водтрансприбор» (АО «Водтрансприбор»)	Address(es): 197342, St. Petersburg, Serdobolskaya Str?, 64, Russian Federation Telephone: +7 (812) 416-55-39 Website: https://vodtranspribor.ru/ Email: vtp@vtp.ru Registration number: 7814010307 (Tax ID/INN)	23.6.2023
540.	Joint Stock Company Zavolzhskiy Plant of Caterpillar Tractors Local name: Акционерное Общество «Заволжский Завод Гусеничных Тягачей» (АО «ЗЗГТ») A.k.a: AO ZZGT; AO Zavolzhskiy Zavod Gusenichnikh Tyagachey; JSC ZCVP; Joint Stock Company "Zavolzhsky Crawler Vehicle Plant"	Address(es): 606522, Nizhny Novgorod Oblast, Gorodetsky District, Zavolzhye, Zheleznodorozhnaya Str., 1, Russian Federation Telephone: +7 (83161) 2-14-03; +7 (916) 033-87.60 Website: https://zzgt.ru/ Email: SergeyGZ@main-group.ru Registration number: 5248031980 (Tax ID/INN)	23.6.2023
541.	Joint Stock Company Zelenodolsk Plant Named After A.M. Gorky Local name: Акционерное Общество «Зеленодольский Завод имени А.М. Горького» (АО «Зеленодольский Завод имени А.М. Горького») A.k.a: JSC Zelenodolsk Shipyard; AO Zelenodolsky Zavod imeni A.M. Gorkogo	Address(es): 422546, Republic of Tatarstan, Zelenodolsk District, Zelenodolsk, Zavodskaya Str., 5, Russian Federation Telephone: +7 843 715-76-10 Website: https://zdship.ru/ Email: zdship@nimb.ru Registration number: 1648013442 (Tax ID/INN)	23.6.2023
542.	Machine Building Group Limited Liability Company Local name: Общество с Ограниченной Ответственностью «Машиностроительная Группа» (ООО «МГ») A.k.a: Machine Building Group; ООО Mashinostroitelnaya Gruppy; ООО MG; MG LLC	Address(es): 123376, Moscow, Rochdelskaya Str., 15, Building 1, Russian Federation; 123022, Moscow, Rochdelskaya Str., 15, Building 8, Floor 2, Premises II, Room 45, Russian Federation Email: manoshkinaoi@umg.ru Registration number: 7722469147 (Tax ID/INN)	23.6.2023

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543.	<p>Military Industrial Company Limited Liability Company</p> <p>Local name: Общество С Ограниченной Ответственностью «Военно-Промышленная Компания» (ООО «ВПК»)</p> <p>A.k.a: LLC Voenno-Promyshlennaya Kompaniya; ООО VPK; VPK Military Industrial Company</p>	<p>Address(es): 123376, Rochdelskaya Str., 15, Building 8, Russian Federation</p> <p>Telephone: +7 (495) 662-10-57</p> <p>Website: http://www.milindcom.ru</p> <p>Email: SecrVPK@hq.basel.ru</p> <p>Registration number: 7703602065 (Tax ID/INN)</p>	23.6.2023
544.	<p>Open Joint Stock Company Degtyaryov Plant</p> <p>Local name: Открытое Акционерное Общество «Завод им. В.А. Дегтярева» (ОАО «ЗИД»)</p> <p>A.k.a: OJSC Plant im. V.A. Degtyareva; Degtyaryov Factory; ОАО ZiD; Open Joint Stock Company “Plant named after. V.A. Degtyarev”; Open Joint Stock Company “V.A. Degtyarev Plant”</p>	<p>Address(es): 601900, Vladimir Oblast, Kovrov, Truda Str., 4, Russian Federation</p> <p>Telephone: +8 (49232) 9-12-09</p> <p>Website: https://zid.ru/</p> <p>Email: zid@zid.ru</p> <p>Registration number: 3305004083 (Tax ID/INN)</p>	23.6.2023
545.	<p>Promtekhlogiya Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «Промтехнология» (ООО «Промтехнология»)</p> <p>A.k.a: LLC “Promtechnology”; Limited Liability Company Promtehnologia; ООО Promtekhlogiya; ORSIS</p>	<p>Address(es): 109052, Moscow, 14 Podyomnaya Str.,14, Building 8; Russian Federation; 117218, Moscow, Krzhizhanovskogo Str., 29, Building 2, Russian Federation</p> <p>Telephone: +7 (495) 647-88-66</p> <p>Website: http://www.orsis.com/company/contacts/factory</p> <p>Email: promtechnologies@gmail.com; info@orsis.com</p> <p>Registration number: 7708696860 (Tax ID/INN)</p>	23.6.2023
546.	<p>Public Joint Stock Company Kurganmashzavod</p> <p>Local name: Акционерное Общество «Курганский Машиностроительный Завод» (АО «Курганмашзавод»)</p> <p>A.k.a: АО Kurganmashzavod; Joint Stock Company “Kurgan Machine-Building Plant”</p>	<p>Address(es): 640021, Kurgan Oblast, Kurgan, Mashinostroiteley Prospekt, 17, Office Letter 1Zh, Russian Federation</p> <p>Telephone: +7 (3522) 471-999</p> <p>Website: https://www.kmz.ru/</p> <p>Email: ok@kmz.ru</p> <p>Registration number: 4501008142 (Tax ID/INN)</p>	23.6.2023

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547.	Public Joint Stock Company Motovilikha Plants Local name: Публичное Акционерное Общество Специального Машиностроения и Металлургии «Мотовилихинские Заводы» (ПАО «Мотовилихинские Заводы») A.k.a: PJSC Motovilikha Plants; Public Joint Stock Company of Special Machine Building and Metallurgy Motovilikhinskie Zavody; PJSC Motovilikhinskie Zavody;	Address(es): 614014, Perm Krai, Perm, 1905 Goda Str., 35, Building 245, Russian Federation Telephone: +7(342) 260-73-01 Website: https://mz.perm.ru/ Email: mz1@mz.perm.ru Registration number: 5906009273 (Tax ID/INN)	23.6.2023
548.	Public Joint Stock Company Proletarsky Plant Local name: Публичное Акционерное Общество «Пролетарский Завод» (ПАО «Пролетарский Завод») A.k.a: PJSC Proletarsky Factory; PAO Proletarsky Zavod	Address(es): 192029, St. Petersburg, Dudko Str., 3, Russian Federation Telephone: +7 (812) 640-11-69 Website: https://proletarsky.ru/ Email: info@proletarsky.ru Registration number: 7811039386 (Tax ID/INN)	23.6.2023
549.	Public Joint Stock Company Rostvertol Local name: Ростовский Вертолетный Производственный Комплекс Публичное Акционерное Общество «Роствертол» имени Б.Н.слюсаря (ПАО «Роствертол») A.k.a: Rostov Helicopter Production Complex; Rostvertol PJSC; PAO Rosvertol; Rostov Helicopter Production Complex Public Joint Stock Company "Rostvertol" named after B.N. Slyusar	Address(es): 344038, Rostov Oblast, Rostov-on-Don, Novatorov Str., 5, Russian Federation Telephone: +7 (863) 272-72-21 Website: https://www.rostvertolple.ru/ Email: g.bunyaeva@rostvert.ru Registration number: 6161021690 (Tax ID/INN)	23.6.2023
550.	Scientific Production Association Izhevsk Unmanned Systems Limited Liability Company Local name: Общество с Ограниченной Ответственностью «Научно-Производственное Объединение «Ижевские Беспилотные Систем» (ООО «НПО «ИжБС») A.k.a: Izhevsk Unmanned Systems Research and Production Association LLC; Limited Liability Company "Research and Production Association "Izhevsk Unmanned Systems"; ООО NPO IzhBS	Address(es): 115432, Moscow, Trofimova Str., 2A, Room. 221, Russian Federation; 426063, Udmurt Republic, Izhevsk, Ordzhunikidze Str., 2, Russian Federation Telephone: +7 (3412) 43-01-11; +7 (939) 875-00-17 Website: http://www.izh-bs.ru/ Email: info@izh-bs.ru Registration number: 1831117433 (Tax ID/INN)	23.6.2023

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551.	<p>Scientific Production Enterprise Prima Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «Научно-Производственное Предприятия «Прима» (ООО НПП «Прима»)</p> <p>A.k.a: NPP Proma; ООО Nauchno-Proizvodstvennoe Predpriyatie Prima; Research & Production Company Prima; Prima Systems; SPE Prima LLC</p>	<p>Address(es): 603003, Nizhny Novgorod Oblast, Nizhny Novgorod, Svobody Str., 63, Russian Federation; 603950, Nizhny Novgorod, Sormovskoye Shosse, 1Zh</p> <p>Telephone: +7 (831) 233-19-03</p> <p>Website: https://prima-systems.ru/</p> <p>Email: info@prima.nnov.ru</p> <p>Registration number: 5257013402 (Tax ID/INN)</p>	23.6.2023
552.	<p>United Machine Building Group Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «Объединенная Машиностроительная Группа» (ООО «ОМГ»); Общество с Ограниченной Ответственностью «Производственное Объединение «Уралаз» (ООО «ПО «Уралаз»)</p> <p>A.k.a: ООО OMG; ООО Obedinnaya Mashinostroitel'naya Gruppy; UMG LLC; Limited Liability Company "Production Association "Uralaz"; ООО PO Uralaz</p>	<p>Address(es): 123376, Moscow, Rochdelskaya Str., 15, Building 1, Russian Federation; 123022, Moscow, Rochdelskaya Str., 15, Building 8, Floor 2, Premises II, Room 45, Russian Federation</p> <p>Telephone: 8 (800) 250-49-55; +7 495 653-85-76; +7 482 241-54-31</p> <p>Website: https://umg-sdm.com/</p> <p>Email: info@umg.ru</p> <p>Registration number: 7722469161 (Tax ID/INN)</p>	23.6.2023
553.	<p>Volgograd Machine Building Company Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «Волгоградская Машиностроительная Компания «ВГТЗ» (ООО «ВМК «ВГТЗ»)</p> <p>A.k.a: ООО VMK VGTZ; Volgograd Tractor Plant</p>	<p>Address(es): 400006, Volgograd Oblast, Volgograd, Dzerzhinsky Square, 1, Russian Federation</p> <p>Telephone: +7 (8442) 77-10-04; +7 (8442) 74-60-01</p> <p>Website: https://vgtz.com/</p> <p>Email: info@vgtz.com</p> <p>Registration number: 3441023695 (Tax ID/INN)</p>	23.6.2023
554.	<p>VXI-Systems Limited Liability Company</p> <p>Local name: Общество с Ограниченной Ответственностью «VXI-Системы» (ООО «VXI-Системы»)</p> <p>A.k.a: InformTest Holdings</p>	<p>Address(es): 124482, Moscow, Zelenograd, Savyolkinsky Proezd, 4, Apartment 6, Floor XIV, Room 1, Russian Federation; 124482, Moscow, Zelenograd, Savyolkinsky Proezd, 4, Floor 11, Russian Federation</p> <p>Telephone: +7 (495) 983-10-73</p> <p>Website: http://www.vxisystems.ru/</p> <p>Email: 4send@vxisystems.ru</p> <p>Registration number: 7735126740 (Tax ID/INN)</p>	23.6.2023

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555.	<p>LLC Yadro</p> <p>Local name: Общество с Ограниченной Ответственностью «Группа Компаний Ядро» (ООО «ГК Ядро»)</p> <p>A.k.a: Yadro Group of Companies; Limited Liability Company “Yadro Group of Companies”; ООО GK Yadro</p>	<p>Address(es): 123376, Moscow, Rochdelskaya Str. 15, Building. 13, Technical Floor/IV, Room 1, Russian Federation</p> <p>Telephone: +7 495 540 50 55; +7 901 599-47-57; +7 495 262-14-93</p> <p>Website: https://yadro.com/ru</p> <p>Email: info@yadro.com</p> <p>Registration number: 7703399790 (Tax ID/INN)</p>	23.6.2023
556.	<p>Perm Powder Plant</p> <p>Local name: Федеральное Казенное Предприятие «Пермский Пороховой Завод» (ФКП «Пермский Пороховой Завод»)</p> <p>A.k.a: Federal State Enterprise “Perm Powder Plant”; FPK Perm Powder Plant; FKP Permsky Porokhovoy Zavod</p>	<p>Address(es): 614042, Perm Oblast, Perm, Galperina Str., 11, Russian Federation</p> <p>Telephone: +7 (342) 250-19-01; +7 (342) 250-19-10; +7 (342) 250-19-50</p> <p>Website: http://www.fkpppz.ru/</p> <p>Email: ppz@perm.ru</p> <p>Registration number: 5908006119 (Tax ID/INN)</p>	23.6.2023
557.	<p>RPA Kazan Machine Building Plant</p> <p>Local name: Акционерное Общество «Казанское Моторостроительное Производственное Объединение» (АО «КМПО»)</p> <p>A.k.a: Kazan Engine Building Production Association; АО КМПО</p>	<p>Address(es): 420036, Republic of Tatarstan, Kazan, Dementiev Str, 1, Russian Federation</p> <p>Telephone: +7 (843) 221-26-00</p> <p>Website: https://www.kmpo.ru/</p> <p>Email: kmpo@oao.kmpo.ru</p> <p>Registration number: 1657005416 (Tax ID/INN)</p>	23.6.2023
558.	<p>Proton JSC</p> <p>Local name: Акционерное Общество «Протон» (АО «Протон»)</p> <p>A.k.a: АО Proton</p>	<p>Address(es): 302040, Orel Oblast, Orel, Leskova Str., 19, Russian Federation</p> <p>Telephone: +7 (4862) 41-44-10; +7 4862 498634; +7 4862 414403</p> <p>Website: https://www.proton-orel.ru/</p> <p>Email: priem@proton-orel.ru</p> <p>Registration number: 5753018359 (Tax ID/INN)</p>	23.6.2023

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559.	Grant Instrument Local name: Общество с Ограниченной Ответственностью «Грант Инструмент» (ООО «Грант Инструмент») A.k.a: ООО Grant Instrument; Grant Tools	Address(es): 196006, St. Petersburg, Tsvetochnaya Str., 16, Building 1, Premises 425, Russian Federation Telephone: +7 812 309 94 73 Website: http://grant-tools.ru/ Email: info@grant-tools.ru Registration number: 7807042570 (Tax ID/INN)	18.12.2023
560.	Streloy Local name: Общество с Ограниченной Ответственностью «Стрелой» (ООО «Стрелой») A.k.a: LLC Streloy; Limited Liability Company Streloy; Limited Liability Company Streloi; Obshchestvo S Ogranichennoi Otvetstvennostyu Streloi; Streloi ООО; Streloy ООО	Address(es): 191025, St. Petersburg, Dmitrovsky Per. 13, Office 7, Russian Federation Telephone: +7 (812) 670-50-50 Website: https://streloy.ru/ Email: hello@streloy.ru Registration number: 7840498176 (Tax ID/INN)	18.12.2023
561.	LLC Research and Production Enterprise Itelma Local name: Общество с Ограниченной Ответственностью «Научно-Производственное Предприятие «ИТЭЛМА» (ООО «НПП «ИТЭЛМА»); Итэлма Электронные Решения A.k.a: Research and Production Enterprise Itelma LLC; Itelma; LLC "RK-ITELMA"; Itelma Electronics; Nauchno Proizvodstvennoe Predpriyatie Itelma; LLC NPP Itelma	Address(es): 115230, Moscow, 1st Nagatinsky Proyezd, 10, Building 1, Office 25, Russian Federation; 600017, Vladimir, Baturina Str., 39/1, Russian Federation; 433513, Dimitrovgrad, Avtostroiteley Avenue, 87, Russian Federation; 156961, Kostroma, P. Shcherbina Str., 23, Russian Federation; 142671, Likino-Dulevo, Kalinina Str., 1, Russian Federation; 423823, Naberezhnye Chelny, Pushkina Str., 4, Russian Federation; 445044, Togliatti, Voroshilova Str., 17, Russian Federation; 347900, Taganrog, Oktyabrskaya Str., 19, Russian Federation; 413105, Engels, Ploschad Lenina Str., 40, Russian Federation Telephone: +7 495 775-07-48; +7 495 280-11-10; +7 495 230-11-11; +7 495 280-11-11 Website: https://itelma.ru/ Email: npp@itelma.ru Registration number: 7724685256 (Tax ID/INN)	18.12.2023

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562.	<p>ТТК Kammarket LLC</p> <p>Local name: Общество с Ограниченной Ответственностью Торгово-Техническая Компания «Каммаркет» (ООО ТТК «Каммаркет»)</p> <p>A.k.a: Kammarket Company; Limited Liability Company Trade and Technical Company “Kammarket”</p>	<p>Address(es): 423600, Republic of Tatarstan, Elabuga, Kazanskaya Str., 41, Office 1, Russian Federation; Naberezhnye Chelny, Trubny Proyezd, Building 4, Industrial and Communal Zone “Promzona”, Russian Federation; Republic of Tatarstan, Kazan, Sibgata Khakima Str., 52, Russian Federation; Republic of Bashkiriya, Ufa, Mendeleeva Str., 156/2, Russian Federation; Udmurt Republic, Zavyalovsky District, Pervomayskoye, Vesennaya Str., 6, Office 7, Russian Federation; Ulyanovsk Oblast, Dimitrovgrad, Dimitrova Str., 2, Russian Federation</p> <p>Telephone: +7 (8552) 25-30-20; +7 (843) 580-11-11; +7 (347) 286-10-58; +7 (3412) 57-07-99; +7 (84235) 3-13-51; +7 (917) 128-03-13</p> <p>Website: https://www.kammarket.ru/</p> <p>Email: inskam@list.ru</p> <p>Registration number: 1646038762 (Tax ID/INN)</p>	18.12.2023
563.	<p>JSC Kompel</p> <p>Local name: Акционерное Общество «Компэл» (АО «Компэл»)</p> <p>A.k.a: Kompel; Kompel Joint Stock Company; АО Kompel</p>	<p>Address(es): 109316, Moscow, Volgogradsky Avenue, 28A, Building I, Room 6, Russian Federation; 109052, Moscow, Novokhokhlovskaya Str. 23, Building 1 (Ring Park Business Park), 3rd Floor, Russian Federation; 199034, St. Petersburg, VO, Bolshoy Prospekt, 18, lit. A (Andriyivskiy Shopping and Office Center), Russian Federation</p> <p>Telephone: +7 495 995-09-01; +7 495 620-93-55; +7 495 221-78-05</p> <p>Website: https://www.compel.ru/</p> <p>Email: msk@compel.ru; spb@compel.ru</p> <p>Registration number: 7713005406 (Tax ID/INN)</p>	18.12.2023
564.	<p>LLC MBR-Avia</p> <p>Local name: Общество с Ограниченной Ответственностью «МБР-АВИА» (ООО «МБР-АВИА»)</p> <p>A.k.a: MBR Avia</p>	<p>Address(es): 125167, Moscow, Vosmova Marta Str. 3, Russian Federation</p> <p>Telephone: +7 (495) 613-35-35; +8 (495) 999-30-28</p> <p>Email: mbravia2001@gmail.com</p> <p>Registration number: 7714210550 (Tax ID/INN)</p>	18.12.2023

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565.	<p>LLC NeoTech</p> <p>Local name: Общество с Ограниченной Ответственностью «НЕОТЕХ» (ООО «НЕОТЕХ»)</p> <p>A.k.a: Limited Liability Company NeoTech; ООО Neotekh</p>	<p>Address(es): 194044, St. Petersburg, Chugunnaya Str., 20, Letter A, Note 25H (No. 8), Russian Federation</p> <p>Telephone: +7 (812) 640-19-10, +7 (921) 910-31-32</p> <p>Website: https://neoteh.com.ru/</p> <p>Email: sales@neoteh.com.ru</p> <p>Registration number: 7806486029 (Tax ID/INN)</p>	18.12.2023
566.	<p>JSC Sozvezdie Concern</p> <p>Local name: Акционерное Общество Концерн «Созвездие» (АО Концерн «Созвездие»)</p> <p>A.k.a: Joint-Stock Company Concern Sozvezdie; AO Kontsern Sozvezdie</p>	<p>Address(es): 394018, Voronezh, Plekhanovskaya Str. 14, Russian Federation</p> <p>Telephone: +7 (473) 252 52 52</p> <p>Website: https://www.sozvezdie.su</p> <p>Email: office@sozvezdie.su</p> <p>Registration number: 3666127502 (Tax ID/INN)</p>	18.12.2023
567.	<p>Serov Machine-Building Plant JSC</p> <p>Local name: Акционерное Общество «Серовский Механический Завод» (АО «СМЗ»)</p> <p>A.k.a: Serov Mechanical Plant JSC; SMZ; Joint Stock Company "Serov Mechanical Plant"; JSC SMP; AO CM3</p>	<p>Address(es): 624981, Sverdlovsk Oblast, Serov, Agglomeratchikov Str. 10, Russian Federation</p> <p>Telephone: +7 (34385) 736-88</p> <p>Website: https://www.serovmp.ru/</p> <p>Email: info@sverovmp.ru</p> <p>Registration number: 6680000479 (Tax ID/INN)</p>	18.12.2023
568.	<p>Aeroscan LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Аэроскан» (ООО «Аэроскан»)</p> <p>A.k.a: Aeroscan; Aeroscan LLC, Aeroscan Limited Liability Company; Limited Liability Company Aeroskan; ООО Aeroskan</p>	<p>Address(es): 127055, Moscow, Perunovskiy Pereulok, 3, Building 2, Floor 2, Room 11, Russian Federation</p> <p>Telephone: +7 (499) 673-05-05</p> <p>Website: https://scan.aero/</p> <p>Email: info@scan.aero</p> <p>Registration number: 5603045794 (Tax ID/INN)</p>	18.12.2023

Number	Name	Identifying Information	Date of listing
569.	STC Orion LLC Local name: Общество с Ограниченной Ответственностью Научно-Технический Центр «Орион» (ООО НТЦ «Орион») A.k.a: LLC Scientific and Technical Center Orion; Limited Liability Company Scientific and Technical Center Orion; ООО NTTS Orion; ООО Nauchno- Tekhnicheski Tsentr Orion	Address(es): 127106, Moscow, Gostinichnaya Str. 7A, Room 1/1, Office 1/B-08, Russian Federation Telephone: +7 (929) 210-3408; +7 (499) 705-75-62; +7 (495) 914-99-55 Website: https://orioncom.ru/ Email: info@orioncom.ru Registration number: 9715302790 (Tax ID/INN)	18.12.2023
570.	Technical Center Windeq LLC Local name: Общество с Ограниченной Ответственностью «Технический Центр «Виндэк» (ООО «Технический Центр «Виндэк») A.k.a: Windek Technical Center; LLC “Technical Center “Vindek”; Limited Liability Company Technical Center Windeq	Address(es): 142116, Moscow Oblast, Podolsk, Selkhoztekhnika Village, Pokrovskaya Str. 1B/3, Office 69, Russian Federation Telephone: +7 (495) 419-24-11; +8 (800) 30282-21 Website: https://windeq.ru/ Email: info@windeq.ru Registration number: 7726551240 (Tax ID/INN)	18.12.2023
571.	OrelMetallPolimer LLC Local name: Общество с Ограниченной Ответственностью «Орелметаллполимер» (ООО «ОМП») A.k.a: ORELMETALLPOLYMER; Limited Liability Company Orel-metallpolymer; ООО “ОМП”	Address(es): 303032, Oryol Region, Mtsensk, Avtomagistral Str., 1Yu, Russian Federation; 105066 Moscow, Olkhovskaya Str., 45, Building 3, Floor 1, Room 1, Office 10, Russian Federation Telephone: +8 (800) 550-93-88 Website: https://orel-mp.com/ Email: info@orelmp.ru Registration number: 5249143334 (Tax ID/INN)	18.12.2023
572.	OMP LLC Local name: Общество с Ограниченной Ответственностью «ОМП» (ООО «ОМП») A.k.a: Limited Liability Company OMP; ООО “ОМП”	Address(es): 630079, Novosibirsk, Stanislavskogo Str., 3, Building 31/1, Floor 1, Office 2, Russian Federation Registration number: 5403049953 (Tax ID/INN)	18.12.2023

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Number	Name	Identifying Information	Date of listing
573.	Spetstehnotreyd LLC Local name: Общество с Ограниченной Ответственностью «Спецтехнотрейд» (ООО «Спецтехнотрейд») A.k.a: LLC “SpetsTechnoTrade”; ООО Spetstekhnotreid	Address(es): 1. 426028, Udmurt Republic, Izhevsk, Mekhanizatorskiy Lane 11, Office 105, Russian Federation Telephone: +7 912 856-76-23 Registration number: 1832137908 (Tax ID/INN)	18.12.2023
574.	BIC-inform Local name: Общество с Ограниченной Ответственностью «БИК-Информ» (ООО «БИК-Информ») A.k.a: BIK Inform ООО; Limited Liability Company BIK Inform; BIK Inform LLC	Address(es): 190020, St. Petersburg, Bumazhnaya Str. 9, Building 1, Russian Federation Telephone: + 7 (812) 447-95-55, +7 (495) 645-23-92 Website: https://bic-inform.ru/ Email: bic@bic-inform.ru ; msk@bic-inform.ru Registration number: 7805109081 (Tax ID/INN)	18.12.2023
575.	Spel LLC Local name: Общество с Ограниченной Ответственностью «СПЭЛ» (ООО «СПЭЛ») A.k.a: Limited Liability Company Spel; ООО Spel	Address(es): 199106, St. Petersburg, Gavanskaya Str., 12, Building 2, lit. B, Room 1-H, Russian Federation Telephone: +7 (812) 401-44-78 Website: https://sp-el.ru/ Email: sales@sp.el.ru Registration number: 7801339983 (Tax ID/INN)	18.12.2023
576.	Alfakomponent LLC Local name: Общество с Ограниченной Ответственностью «Альфакомпонент» (ООО «Альфакомпонент») A.k.a: Limited Liability Company Alfacomponent; Limited Liability Company Alfakomponent	Address(es): 198216, St. Petersburg, Leninsky Prospekt, 140, Letter E, Office 307, Russian Federation Telephone: +7 (812) 425-66-55 Website: https://akomponent.ru/ Email: zakaz@akomponent.ru Registration number: 7804607729 (Tax ID/INN)	18.12.2023

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Number	Name	Identifying Information	Date of listing
577.	ID Solution LLC Local name: Общество с Ограниченной Ответственностью «Айди Солюшн» (ООО «Айди Солюшн») A.k.a: Limited Liability Company ID Solution; IDI Solution LLC; ООО Aydi Solyushn	Address(es): 117405, Moscow, Dorozhnaya St. 60B, Office 421, Russian Federation Telephone: +7 (495) 545-32-83 Website: http://www.idsolution.ru/ Email: info@idsolution.ru Registration number: 5003091492 (Tax ID/INN)	18.12.2023
578.	Inelso LLC Local name: Общество с Ограниченной Ответственностью «Инелсо» (ООО «Инелсо») A.k.a: Limited Liability Company Inelso; ООО Inelso	Address(es): 194044, St. Petersburg, Gelsingforsskaya Str., 3, Letter Z, Office 412, Russian Federation; Moscow, 2nd Roshchinsky Proezd, 8, Building 6, Business Centre "Serpukhovskoy Dvor", Russian Federation Telephone: +7 (812) 628-00-16 Website: https://inelso.ru/ Email: sales@inelso.ru Registration number: 7813635698 (Tax ID/INN)	18.12.2023
579.	Elitan Trade LLC Local name: Общество с Ограниченной Ответственностью «Элитан Трейд» (ООО «Элитан Трейд») A.k.a: ООО Elitan Treid; Limited Liability Company Elite Trade	Address(es): 426063, Udmurt Republic, Izhevsk, Melnichnaya Str., 34A, Russian Federation Telephone: + 7 (495) 649-84-45 Website: https://www.elitan.ru/ Email: info@elitan.ru Registration number: 1831096455 (Tax ID/INN)	18.12.2023
580.	Hartis DV LLC Local name: Общество с Ограниченной Ответственностью «Хартис ДВ» (ООО «Хартис ДВ») A.k.a: Limited Liability Company "Charteris DV"; LLC "Charteris DV"; Limited Liability Company Hartis DV; ООО Khartis DV	Address(es): 125362, Moscow, Svobody Str., 35, Building 5, Floor 1, Premises 1, Room 4, Russian Federation Telephone: + 7 (495) 364-01-42 Website: https://hartisdv.ru/ Email: info@hartisdv.ru Registration number: 7733753978 (Tax ID/INN)	18.12.2023

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Number	Name	Identifying Information	Date of listing
581.	SFT LLC Local name: Общество с Ограниченной Ответственностью «СФТ» (ООО «СФТ») A.k.a: Limited Liability Company SFT; CFT; ООО SFT; Obshchestvo s Organizichennoi Otvetstvennostyu SFT	Address(es): 115114, Moscow, Zamoskvorechye Municipal District, Kozhevni-cheskaya Str., 10, Building 1, Russian Federation Telephone: +7 (499) 956-1000 Website: https://www.sftgroup.ru/ Email: info@sftgroup.ru Registration number: 7725842590 (Tax ID/INN)	18.12.2023
582.	Kami Group LLC Local name: Общество с Ограниченной Ответственностью «Ками- Групп» (ООО «Ками- Групп») A.k.a: Limited Liability Company Kami Group; Obshchestvo s Ograni-chennoi Otvetstvennostyu Kami Grupp; Kami Group ООО	Address(es): 107023, Moscow, Bolshaya Semenovskaya Str., 40, Building 13, Floor 3, Room 307, Russian Federation Telephone: +7 (495) 781-55-11 Website: https://www.stanki.ru/ Email: kami@stanki.ru Registration number: 7719429480 (Tax ID/INN)	18.12.2023
583.	AGT Systems LLC Local name: Общество с Ограниченной Ответственностью «АГТ Системс» (ООО «АГТ Системс») A.k.a: Limited Liability Company AGT Systems	Address(es): 125445, Moscow, Smolnaya Str., 24/A, Office 1420, Russian Federation Telephone: +7 (495) 232-07-86 Website: https://agtsys.ru/ Email: sales@agtsys.ru Registration number: 7743032118 (Tax ID/INN)	18.12.2023
584.	Entep LLC Local name: Общество с Ограниченной Ответственностью «Энтеп» (ООО «Энтеп») A.k.a: Limited Liability Company Entep	Address(es): 108811, Moscow, Bianchi Str., 12, Building 2, Office 112, Russian Federation; 113039, Moscow, B. Serpukhovskaya Str., 30, Building 7, Russian Federation Registration number: 7721809577 (Tax ID/INN)	18.12.2023

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Number	Name	Identifying Information	Date of listing
585.	Mvizion LLC Local name: “MVIZION” mas’uliyati cheklangan jamiyati A.k.a: OOO Mvizion	Address(es):100096, Tashkent, Tursunkulova Street 8, Uzbekistan; 100161, Tashkent, Gaydar Alieev Kuchasi 313, Republic of Uzbekistan; 10113, Chilanzarskiy District, Tashkent, Katartal Street 8, 7th Block, Republic of Uzbekistan Telephone: 917962925 Website: https://mvizion.uz/ Email: ievlev_igor@mail.ru Registration number: 309644860 (Tax ID/INN)	18.12.2023
586.	Design Bureau of Navigation Sytems (NAVIS) Local name: Акционерное Общество «Конструкторское Бюро Навигационных Систем» (АО «КБ НАВИС») A.k.a: JSC “KB NAVIS”; Joint-Stock Company Design Bureau Navigation Systems; AO KB NAVIS; Navis Inc.	Address(es): 121170, Moscow, Kulneva Str. 3, Building 1, Room III/5, 6, Russian Federation; Telephone: +7 (495) 665-61-53 Website: https://navis.ru/ Email: navi@navis.ru Registration number: 7725075060 (Tax ID/INN)	18.12.2023
587.	Deflog Technologies PTE LTD A.k.a: Deflog Tech	Address(es): 367957, Shaw Road 30, #06-01, Roche Building, Republic of Singapore Telephone: +65 6383 1735; +65 6 383 5084 Website: www.deflog-tech.com/ Email: tech@deflog-tech.com Registration number: 199508697K (UEN)	18.12.2023
588.	JSC VNIIR Progress Local name: Акционерное Общество «ВНИИР-Прогресс» (АО «ВНИИР-Прогресс») A.k.a: Joint-Stock Company “VNIIR-Progress”	Address(es): 428024, Chuvash Republic – Chuvashia, Cheboksary, I. Y. Yakovlev Prospekt, 4, Russian Federation; 197348, St. Petersburg, Bogatyrsky Prospekt, 18, Building 1, Letter A, Russian Federation; 109028, Moscow, Serebryanicheskaya Embankment, 29, Russian Federation Telephone: +7 (85557) 5-90-06 Website: http://www.vniir-progress.ru/ Email: progress@vniir.ru Registration number: 2130094170 (Tax ID/INN)	23.2.2024

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Number	Name	Identifying Information	Date of listing
589.	Si2 Microsystems Pvt Ltd A.k.a: Si2 Microsystems; Si2; Si2 Microsystems Private Limited	Address(es): 84, Deep Towers, EPIP Industrial Area, Whitefield, Bangalore, Karnataka, 560066 Republic of India; 52/A, 1st Cross, 3rd Main KIADB Industrial Area, Hoskote, Bangalore, Karnataka, 562114, Republic of India Telephone: 080 6717 1100 Website: https://www.si2microsystems.com/ Email: Info-india@si2microsystems.com Registration number: U85110KA1993PTC015018 (CIN)	23.2.2024
590.	Spark TT Local name: Общество с Ограниченной Ответственностью «Спарк ТТ» (ООО «Спарк ТТ») A.k.a: Spark TT LLC	Address(es): 428022, Chuvash Republic - Chuvashia, Cheboksary, Patrice Lumumba Str., 8, Building. 44B, Office 123B, Russian Federation Telephone: +7(8352) 37-00-94; +7(937) 015-00-94; +7 (927) 995-32-3123 Website: https://sparktt.ru/ Email: sparktt10@gmail.com ; traffic@sparktt.ru Registration number: 2130183574 (Tax ID/INN)	23.2.2024
591.	Euro Asia Cargo (Private) Ltd. A.k.a: Euro Asia Group; Euro Asia Cargo	Address(es): 51/2, Ananda Coomaraswamy Mawatha, Colombo 00700, Democratic Socialist Republic of Sri Lanka; Bandaranaike International Airport Katunayake, 11450, Democratic Socialist Republic of Sri Lanka Telephone: (+94) 11 2574622 Website: https://www.euroasia.lk Email: sam.wickramasinghe@euroasia.lk	23.2.2024
592.	Ultran Electronic Components LLC Local name: Общество с Ограниченной Ответственностью «Ультран Электронные Компоненты» (ООО «Ультран ЭК») A.k.a: Ultran EC LLC; ООО Ultran EK	Address(es): 194021, St. Petersburg, Politekhnikeskaya Str., 22, Letter L, Premises 1-N, Room 8, Russian Federation; 194021, St. Petersburg, Politekhnikeskaya Str., 22, Letter L, Premises 9-N, Room 19, Russian Federation Telephone: +7 (812) 318-18-95 Website: https://ultran.ru/ Email: info@ultran.ru Registration number: 7802669110 (Tax ID/INN)	23.2.2024

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Number	Name	Identifying Information	Date of listing
593.	RG Solutions Limited	Address(es): Room 606, Celebrity Comm., Centre, 64 Castle Peak Road, Sham Shui Po, Hong Kong Website: www.logistics-sgs.com ; https://88hebing.site/ Registration number: 2115045 (CR No.)	23.2.2024
594.	JSC SEZ Alabuga Local name: Акционерное Общество «Особая Экономическая Зона Промышленно- Производственного Типа «Алабуга» (АО «ОЭЗ ППТ «Алабуга») A.k.a: JSC “Alabuga” Special Economic Zone of Industrial and Production Type; Alabuga Special Economic Zone (SEZ); Yelabuga Special Economic Zone (SEZ); AO OЕZ PPT Alabuga	Address(es): 423601, Republic of Tatarstan, Elabuga District, Sh-2 Str. (Territory of the Alabuga Special Economic Zone), 4/1, Russian Federation Telephone: +7 (85557) 5-90-06 Website: https://alabuga.ru/ru/ Email: post@alabuga.ru Registration number: 1646019914 (Tax ID/INN)	23.2.2024
595.	LLC Alabuga Development Local name: Общество с Ограниченной Ответственностью «Алабуга Девелопмент» (ООО «Алабуга Девелопмент») A.k.a: Alabuga Development Company	Address(es): 423601, Republic of Tatarstan, Territory of the Alabuga Special Economic Zone, Sh-2 Str., Building 4, Rooms. 8, 9, 11, 12, 13, 14, Russian Federation Telephone: +7 916 414-76-72; +7 (85557) 5-90-13 Website: https://development.alabuga.ru Email: dnurkhametova@alabuga.ru Registration number: 1646043699 (Tax ID/INN)	23.2.2024
596.	AO Geomir Local name: Акционерное Общество «Геомир» (АО «Геомир») A.k.a: Inzhenerny Tsentr Geomir, AO; CJSC Engineering Center Geomir, JSC Geomir; ZAO Inzhenerny Tsentr Geomir	Address(es): 141006, Moscow Oblast, Mytishchi, Olimpiyskiy Prospekt, 50, Russian Federation; 394030, Voronezh, Melnichny Pereulok, 24, Russian Federation; 350047, Krasnodar, Krasnykh Partizan Str., 249, Office 209/2, Russian Federation; 344029, Rostov-on-Don, Molodogvardeysky Pereulok, 39, Office 2, Russian Federation Telephone: +7 (495) 788 59 56 Website: https://www.geomir.ru/ Email: info@geomir.ru Registration number: 5029062908 (Tax ID/INN)	23.2.2024

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Number	Name	Identifying Information	Date of listing
597.	<p>OOO Albatross</p> <p>Local name: Общество с Ограниченной Ответственностью «Альбатрос» (ООО «Альбатрос»)</p> <p>A.k.a: Albatross LLC; Limited Liability Company “Albatros”; OOO Albatros</p>	<p>Address(es): 423601, Republic of Tatarstan, Territory of the Alabuga Special Economic Zone, Sh-2 Str., 5/12, Premises 253, Russian Federation; 423601, Republic of Tatarstan, Yelabuga Municipal District, Elabuga Urban Settlement, Territory of the Alabuga Special Economic Zone, Sh-1 Str., 8/1, Russian Federation; 141206, Moscow Oblast, Pushkino, Zavodskaya Str., 33, Russian Federation</p> <p>Telephone: +7 (85557) 5-90-06</p> <p>Website: https://alb.aero/</p> <p>Email: info@alb.aero</p> <p>Registration number: 5038127220 (Tax ID/INN)</p>	23.2.2024
598.	<p>AO SET-1</p> <p>Local name: Акционерное Общество «СЕТ-1» (АО «СЕТ-1»)</p> <p>A.k.a: Set-1 JSC</p>	<p>Address(es): 127287, Moscow, 2nd Khutorskaya Str., 38A, Building 1, Floor 6, Office 614, Russian Federation; 105264, Moscow, Pervomayskaya Verkhnyaya Str., 43, Room 16, Office 6, Russian Federation</p> <p>Telephone: +7 (495) 223-22-05</p> <p>Website: http://set-1.ru/</p> <p>Email: set@set-1.ru</p> <p>Registration number: 7720166348 (Tax ID/INN)</p>	23.2.2024
599.	<p>OOO Alabuga Volokno</p> <p>Local name: Общество с Ограниченной Ответственностью «Алабуга-Волокно» (ООО «Алабуга Волокно»)</p> <p>A.k.a: Alabuga-Fiber LLC</p>	<p>Address(es): 423601, Republic of Tatarstan, Elabuga, Territory of the Alabuga Special Economic Zone, Sh-2 Str., 11/9, Russian Federation</p> <p>Telephone: +7 855 575 34 00</p> <p>Website: https://en.umatex.com/company/alabugavolokno/</p> <p>Email: alabuga-volokno@umatex.com</p> <p>Registration number: 1646031132 (Tax ID/INN)</p>	23.2.2024

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Number	Name	Identifying Information	Date of listing
600.	<p>SuperCam</p> <p>Local name: Общество с Ограниченной Ответственностью «Беспилотные Системы» (ООО «Беспилотные Системы»)</p> <p>A.k.a: LLC Unmanned Systems; Supercam.Aero; SuperCam Unmanned Systems Group; GK “Bespilontye Sistemy”; ООО Bespilontnye Sistemy</p>	<p>Address(es): 426011, Udmurt Republic, Izhevsk, 10 Let Oktyabrya Str.,10, 24, Appartment 62, Russian Federation; 426063, Udmurt Republic, Izhevsk, Melnichnaya Str., 34A, Russian Federation</p> <p>Telephone: +7 (3412) 51-51-65; +7 (912) 012-10-00</p> <p>Website: https://supercam.aero/</p> <p>Registration number: 1831156383 (Tax ID/INN)</p>	23.2.2024
601.	<p>AviatestAero</p> <p>Local name: Общество с Ограниченной Ответственностью «Авиационные Измерительные Технологии» (ООО «Авиационные Измерительные Технологии»); Авиатест.аэро</p> <p>A.k.a: Aviation Measurement Technologies LLC; Aviatest.aero</p>	<p>Address(es): 115432 Moscow, 2nd Kozhukhovskiy Proezd, 29, Block 2, Building 16, Russian Federation</p> <p>Telephone: +7 (495) 308-90-60</p> <p>Website: https://aviatest.aero/</p> <p>Email: info@aviatest.aero</p>	23.2.2024
602.	<p>Conex Doo Beograd-Stari Grad</p> <p>Local name: Društvo Za Proizvodnju i Promet Conex Društvo Sa Ograničenom Odgovornošću Beograd- Stari Grad</p> <p>A.k.a: Conex Doo; CONEX D.O.O. BEOGRAD- STARI GRAD; Company for Production and Trade Conex Limited Liability Company Belgrade-Stari Grad</p>	<p>Address(es): Uzun Mirkova 7, 11102 Belgrade (Stari Grad), Republic of Serbia</p> <p>Telephone: +381665779319</p> <p>Website: https://conex-corporation.com/</p> <p>Email: milica.milicevic@conex-corporation.com</p> <p>Registration number: 07986653 (ID)</p>	23.2.2024
603.	<p>Guangzhou Ausay Technology Co Limited</p> <p>Local name: 广州欧赛科技有限公司</p> <p>A.k.a: Ausay Pcb, HK Ausay Technology Co., Limited</p>	<p>Address(es): 8e, Guangzhou, Baiyun District, Building C Mizi Industrial, Zone 5, Hebian, People’s Republic of China; R301 Block A of No 3 building West Area of Tongda Industrial Zone Hebian 5 She Helong street Baiyun District Guangzhou GD, People’s Republic of China</p> <p>Telephone: +86 18988913933</p> <p>Website: http://www.ausay.com/sy</p> <p>Email: info@ausay.com</p> <p>Registration number: 91440101MA5ALQNR86 (USCC)</p>	23.2.2024

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Number	Name	Identifying Information	Date of listing
604.	Shenzhen Biguang Trading Co. Ltd Local name: 深圳市比广贸易有限公司	Address(es): 18e, Block B, World Trade Square, Shenzhen, Guangdong, China, People's Republic of China Website: http://biguang.en.alibaba.com Registration number: 91440300MA5GH3DL64 (USCC)	23.2.2024
605.	Yilufa Electronics Ltd. Local name: 深圳市亿路发科技有限公司 A.k.a: Yilufa Electronics Limited	Address(es): 1806, Futian District, Shenzhen City, Guangdong Province, Hanguo Center, Shenzhen, People's Republic of China; Flat 419, 4/F, Block B, Sheung Shui Plaza, 3, Ka Fu Close, Sheung Shui, NT, Hong Kong; Unit 02, 21/F, Hip Kwan Commercial Building, 38 Pitt Street, Yau Ma Tei, Kowloon, Hong Kong Telephone: 0755-82532262 Website: http://www.ylfelectronics.com/ Email: info@ylfelectronics.com Registration number: 91440300769188559R (USCC); 0868520 (CR No.)	23.2.2024
606.	TOO Elem Group Local name: Товарищество с Ограниченной Ответственностью «ELEM GROUP (ЭЛЕМ ГРУПП)» (TOO «ELEM GROUP (ЭЛЕМ ГРУПП)»); «ELEM GROUP (ЭЛЕМ ГРУПП)» Жауапкершілігі Шектеулі Серіктестігі A.k.a: Elem Group LLP, Limited Liability Partnership "Elem Group (Elem Grupp)"	Address(es): 05004, Almaty, Almalinsky District, Nauryzbay Batyra Str., 8, Republic of Kazakhstan Telephone: +7 778 913 47 56; +7 775 391-83-78 Website: https://elemgroup.kz/ Email: sales@elemgroup.kz Registration number: 220340015717 (BIN)	23.2.2024

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Number	Name	Identifying Information	Date of listing
607.	Thai IT Hardware Co., Ltd Local name: บริษัท ไทย ไอที ฮาร์ดแวร์ จำกัด A.k.a: Thai IT Hardware; Roll Up Co., Ltd.	Address(es): 315/85 Floor 3, Moo 12, Nongprue, Banglamung, Chonburi, Kingdom of Thailand Telephone: +5396534771 Website: https://www.thai-it-hardware.co.th/ Email: sale@thai-it-hardware.co.th Registration number: 0205565028297 (Registered No.)	23.2.2024
608.	Yildiz Çip Teknoloji Elektronik Elektrik Bilgisayar Malzemeleri Ticaret Sanayi Limited Sirketi Local name: Yildiz Çip Teknoloji Elektronik Elektrik Bilgisayar Malzemeleri Ticaret Sanayi Limited Şirketi A.k.a: Yildiz Çip; Yildiz Çip Teknoloji Elektronik Elektrik Bilgisayar Malzemeleri Tic. San. Ltd. Şti.; Yildiz Chip Technology Electronic Electric Computer Materials Trade Industry Limited	Address(es): Kishla, cadde Şehit Binbaşı Cengiz Toytunç, Antelsan İş Merkezi No: 118, kat 5, İç kapı: 401 Muratpaşa/ Antalya, Republic of Türkiye; Kışla Mah. Şehit Binbaşı Cengiz Toytunç Cad. Antelsan İşmerkezi, 401/118, Antalya / Muratpaşa, Republic of Türkiye Telephone: +90 (546) 106 10 32; 0507 619 3070 Website: https://yildizchip.net/ Email: info@yildizchip.net ; info@yildizchip.com.tr	23.2.2024
609.	LLC Fregat Local name: Общество с Ограниченной Ответственностью «Фрегат» (ООО «Фрегат») A.k.a: Fregat LLC; ООО Fregat	Address(es): 197101, St. Petersburg, Petrogradskaya Embankment, 36, Letter A, Russian Federation; 191144, St. Petersburg, Moiseenko Str., 24A, Room 1-H, Office 404-404a, Russian Federation Telephone: +7 812 325-09-72; +7 495 128-88-55; 8 800 301-96-04 Website: https://fregat.ru/ ; http://www.fregat.spb.ru/ Email: info@fregat.ru Registration number: 7814533642 (Tax ID/INN)	23.2.2024

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Number	Name	Identifying Information	Date of listing
610.	IC Спецпоставка Local name: Общество с Ограниченной Ответственностью «ОЭС Спецпоставка» (ООО «ОЭС Спецпоставка») A.k.a: OES SPECPOSTAVKA; ООО OES Spetspostavka; OESSP	Address(es): 197183, St. Petersburg, Lipovaya Alley, 9, Letter A, Room 27N, Russian Federation; 197046, St. Petersburg, Petrogradskaya Embankment, 36, “Linkor” Business Centre, Russian Federation; 191144, St. Petersburg, Moiseenko Str., 24, Letter A, Premises 1-H, Office 101, Russian Federation; 119017, Moscow, Novokuznetskaya Str., 4/12, Building 1, Business Centre “Matrix Office”, Russian Federation Telephone: +7 (812) 7777-080; +7 (495) 128-81-64; 8 (800) 707 41 35 Website: https://oessp.ru/ Email: contact@oessp.ru Registration number: 7840422875 (Tax ID/INN)	23.2.2024
611.	Nordlase LLC Local name: Общество с Ограниченной Ответственностью Нордлэйз (ООО Нордлэйз) A.k.a: NordLase; ООО Nordleyz	Address(es): 198205, St. Petersburg, Staro-Panovo, Tallinskoye Shosse, 206, Letter A, Premises 2126, Office 1, Russian Federation Telephone: 8 (800) 200-65-60 Website: https://nordlase.ru/ Email: info@nordlase.ru Registration number: 7801692772 (Tax ID/INN)	23.2.2024
612.	Leningrad Laser Systems Local name: Акционерное Общество «ЛЛС» (АО «ЛЛС»); Ленинградские Лазерные Системы A.k.a: AO LLS; LenLasers	Address(es): 197198, St. Petersburg, Yablochkova Str., 20, Letter Ya, Office 408, Russian Federation; 630090, Novosibirsk, Boris Bogatkova Str., 210, Russian Federation; 119019, Moscow, Filippovsky Pereulok, 13, Building 1, Russian Federation; 690088, Vladivostok, Zhigura Str., 2, Russian Federation Telephone: +7 (964) 442-90-01; +7 (812) 507-81-00 Website: http://lenlasers.ru/ Email: info@lenlasers.ru ; lenlasers@gmail.com Registration number: 7813261308 (Tax ID/INN)	23.2.2024

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Number	Name	Identifying Information	Date of listing
613.	LLS Mark Local name: ЛЛС Марк A.k.a: LLS	Address(es): 197198, St. Petersburg, Yablochkova Str., 20, Letter Ya, Office 40, Russian Federation; 197198, St. Petersburg, Birzhevaya Liniya, 16, ITMO Technopark, Office 401, Russian Federation Telephone: +7 (812) 507-83-00; +7 (812) 612-99-82; +7 (499) 490-63-00 Website: http://www.lls-mark.ru/ Email: info@lls-mark.ru	23.2.2024
614.	OOO Staut Local name: Общество с Ограниченной Ответственностью «Стаут» (ООО «Стаут») A.k.a: Staut Design Center	Address(es): 200961, St. Petersburg, BOX 1410, Russian Federation; 191144, St. Petersburg, Moiseenko Str., 41, Letter B, Room 4, Floor 2, Office 1, Russian Federation; 192029, St. Petersburg, Prospekt Obukhovskiy Aborony, 123A, Premises 20, Russian Federation; 192029, St. Petersburg, Prospekt Elizarova, 10, Letter B, Russian Federation Telephone: +7 (812) 325-52-03, +7 (812) 365-64-54, +7 (812) 777-70-80 Website: https://staut.su/ Email: mail@staut.su Registration number: 7811401214 (Tax ID/INN)	23.2.2024
615.	MFK Fulcrum (Russia) Local name: Общество с Ограниченной Ответственностью «МФК Точка Опоры» (ООО «МФК Точка Опоры») A.k.a: MFC Fulcrum; MFK Fulcrum LLC; ООО МФК Точка Опоры	Address(es): 117452, Moscow, Balaklavskiy Prospekt, 28B, Building 1, Russian Federation; 195027, St. Petersburg, Shaumyana Prospekt, 4, Building 1, Letter A, Office 414, Russian Federation; 119571, Moscow, Vernadskogo Prospekt, 119, Apartment 104, Russian Federation Telephone: +7 (800) 200-3942; +7 (495) 956-39-42 Website: https://fulcrum.ru Email: sales@fulcrum.ru ; ic@fulcrum.ru Registration number: 7729185232 (Tax ID/INN)	25.6.2024

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Number	Name	Identifying Information	Date of listing
616.	Power Telecom LLC Local name: Общество с Ограниченной Ответственностью «Пауэр Телеком» (ООО «Пауэр Телеком») A.k.a: Pauer Telekom; Ural Telecom Systems; ООО UTS	Address(es): 623630, Sverdlovsk Oblast, Alapaevsk, Vokzalnaya Str., 1, Russian Federation; 620014, Sverdlovsk Oblast, Yekaterinburg, Khokhryakova Str., 72, Office 306, Russian Federation; 620014, Sverdlovsk Oblast, Yekaterinburg, Khokhryakova Str., 74, (Business Centre “Kristal”), Office 1102, Russian Federation Telephone: +7 (800) 200-3942; +7 (495) 956-39-42; +8 800 302 6605 Website: https://www.utsbroker.com/ Email: sales@utsbroker.com Registration number: 6671025854 (Tax ID/INN)	25.6.2024
617.	Smart VIP LLC Local name: Общество с Ограниченной Ответственностью «Смарт ВИП» (ООО «Смарт ВИП»)	Address(es): 115404, Moscow, 6th Radialnaya Str., 9, Premises XII, Floor 4, Room 2, Russian Federation Telephone: +7 (499) 403-37-42 Website: http://smart-sps.ru Email: info@smart-sps.ru Registration number: 7724461922 (Tax ID/INN)	25.6.2024
618.	RX Electronics Limited Local name: 日新電子有限公司 Alias: RX Electronics	Address(es): Flat/Rm C9, 9/F Wing Hing Industrial Building, No14 Hing Yip Str., Kwun Tong, Kowloon, Hong Kong Telephone: +852-3482 3889; +852-9187-299363 Website: https://www.rxelectronics.com Email: info@rxelectronics.com Registration number: 2813066 (CR No.)	25.6.2024

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Number	Name	Identifying Information	Date of listing
619.	Zixis Limited Alias: Zixis Ltd.	Address(es): Unit A22, Block A, 10/F, Prince Industrial Building, 706 Prince Edward Road East, San Po Kong, Kln, Hong Kong; 501–503 Castle Peak Road, Unit B090, International Industrial Building, Kowloon, Hong Kong; Unit D, 16/F One Capital Place, 18 Luard Rd, Wan Chai, Hong Kong Registration number: 2851412 (CR No.)	25.6.2024
620.	LLC NVS Navigation Technologies Local name: Общество с Ограниченной Ответственностью «НВС Навигационные Технологии» (ООО «НВС Навигационные Технологии») A.k.a: NVS Technologies; NVS Navigation Technologies Ltd; ООО NVS Navigatsionnye Tekhnologii	Address(es): 121170, Moscow, Kulneva Str., 3, Building 1, Office III, Room 25, Russian Federation Telephone: +7 (495660) 06-30 Website: www.nvs-gnss.ru Email: info@nvs-gnss.ru Registration number: 7730637821 (Tax ID/INN)	25.6.2024
621.	JSC Navis Group Local name: Акционерное Общество «Навис Групп» (АО «Навис Групп») A.k.a: Aktsionernoe Obshchestvo Navis Grupp	Address(es): 121170, Moscow, Kulneva Str., 3, Building 1, Office III, Room 15, Russian Federation Telephone: +7 (495) 665-61-54113 Website: https://group.navis.ru/ Registration number: 7730671533 (Tax ID/INN)	25.6.2024
622.	JSC Navis-Electronics Local name: Акционерное Общество «Навис-Электроника» (АО «Навис-Электроника») A.k.a: Aktsionernoe Obshchestvo Navis Elektronika	Address(es): 121170, Moscow, Kulneva Str., 3, Building 1, Office III, Room 15, Russian Federation; 127411, Moscow, Dimitrovskoe Shosse, 157, Building 8, Russian Federation; 127411, Moscow, P.O. Box 4, Russian Federation Telephone: +7 (495) 665-61-59 Website: https://navis-electronics.ru Email: electronics@navis.ru Registration number: 7730702460 (Tax ID/INN)	25.6.2024

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Number	Name	Identifying Information	Date of listing
623.	<p>ANO KB Korund-M</p> <p>Local name: Автономная Некоммерческая Организация Конструкторское Бюро «Корунд-М» (АНО КБ «Корунд-М»)</p> <p>A.k.a: Autonomous Nonprofit Organisation Design Bureau Korund-M; Autonomous NGO Design Bureau Korund-M</p>	<p>Address(es): 115280, Moscow, Avtozavodskaya Str., 23, Building 15, Russian Federation; 115280, Moscow, Danilovsky Municipal District, Leninskaya Sloboda Str., 9, Russian Federation; 115820, Moscow, Avtozavodskaya Str., 25, Building 2, Floor 6, Room 1, Russian Federation</p> <p>Telephone: +7 (495) 739-04-45; +7 (495) 274-61-08; +7 (903) 729-76-41</p> <p>Website: http://korund-m.org</p> <p>Email: mss@korund_m.ru</p> <p>Registration number: 7725047200 (Tax ID/INN)</p>	25.6.2024
624.	<p>JSC KB Korund-M</p> <p>Local name: Акционерное Общество «Конструкторское Бюро «Корунд-М» (АО КБ «Корунд-М»)</p> <p>A.k.a: JSC Design Bureau Korund-M</p>	<p>Address(es): 115230, Moscow, Elektrolitny Proezd, 9, Building 1, Russian Federation</p> <p>Telephone: +7 (495) 719-76-51; +7 499 678-20-60</p> <p>Website: https://korund-m.ru/</p> <p>Email: oao_korund@korund-m.ru</p> <p>Registration number: 7725700394 (Tax ID/INN)</p>	25.6.2024
625.	<p>JSC Radio Engineering Concern “Vega” (Vega Konzern)</p> <p>Local name: Акционерное Общество «Концерн Радиостроения «Вега» (АО «Концерн «Вега») A.k.a: Vega Radio Engineering Corporation</p>	<p>Address(es): 21170, Moscow, Kutuzovsky Prospekt, 34, Russian Federation</p> <p>Telephone: +7 (499) 753-40-04</p> <p>Website: https://www.vega.su/ (offline)</p> <p>Email: mail@vega.su</p> <p>Registration number: 7730170167 (Tax ID/INN)</p>	25.6.2024

Number	Name	Identifying Information	Date of listing
626.	LLC Optics.Signals.Antennas (O.S.A.) Local name: Общество с Ограниченной Ответственностью «Оптика.Сигналы.Антенны» (ООО «О. С. А.») A.k.a: LLC O.S.A.	Address(es): 197348, St. Petersburg, Kolomyazhsky Prospekt, 10, Letter E, Russian Federation Telephone: +7 (812) 930-07-03; +7 (812) 986-81-57; +7 (950) 013-3535 Website: https://osa.llc/ ; http://osa-spb.com/ Email: info@osa.llc Registration number: 7814515450 (Tax ID/INN)	25.6.2024
627.	Federal State Unitary Enterprise NPP Gamma Local name: Федеральное Государственное Унитарное Предприятие «Научно- Производственное Предприятие «Гамма» (ФГУП «НПП «Гамма») A.k.a: Federal State Unitary Enterprise Scientific and Production Enterprise Gamma; Federal State Unitary Enterprise "Research and Production Enterprise "Gamma"; FGUP NPP Gamma; FSUE NPP Gamma	Address(es): 117420, Moscow, Profsoyuznaya Str., 78, Building 4, Russian Federation; 630005, Novosibirsk, Pisareva Str., 53, Russian Federation; 344064, Rostov-on-Don, Vavilova Str., 54, Letter A, Russian Federation; 680013, Khabarovsk, Kulibina Str., 1, Russian Federation; 236022, Kaliningrad, Gvardeysky Prospekt, 15, Russian Federation; 197110, St. Petersburg, Pionerskaya Str., 44, Russian Federation; 620078, Yekaterinburg, Studencheskaya Str., 51, Russian Federation; 603104, Nizhny Novgorod, Nartova Str., 6, Russian Federation; 295017, Simferopol, Kievskaya Str., 34/2, Russian Federation; 400012, Volgograd, Onezhskaya Str., 30, Office 206, Russian Federation; 625000, Tyumen, Respubliki Str., 59, Office 829, Russian Federation, 690039, Vladivostok, Elseyskaya Str., 55, Russian Federation Telephone: +7 (495) 514-02-74 Website: https://nppgamma.ru/ Email: info@nppgamma.ru Registration number: 7728044373 (Tax ID/INN)	25.6.2024
628.	Dielcom LLC Local name: Общество с Ограниченной Ответственностью «Диэлком» (ООО «Диэлком») A.k.a: ООО Dielkom	Address(es): 190000, St. Petersburg, Obuchovskoy Oborony Prospekt, 163, Russian Federation; 195196, St. Petersburg, Tallinskaya Str., 7, Letter O, Russian Federation Telephone: +7 (960) 256-33-00; +7 (921) 091-47-55; +7 (812) 339-45-97 Website: http://dielcom.ru/ Email: spd@dielcom.ru Registration number: 7841484779 (Tax ID/INN)	25.6.2024

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Number	Name	Identifying Information	Date of listing
629.	<p>Dielcom EK</p> <p>Local name: Общество с Ограниченной Ответственностью «Диэлком-ЭК» (ООО «Диэлком-ЭК»)</p> <p>A.k.a: ООО Dielkom-EK; Dielcom EC LLC</p>	<p>Address(es): 195196, St. Petersburg, Tallinskaya Str., 7, Letter O, Premises 4-N, Office 403-6, Room 117, Russian Federation</p> <p>Telephone: +7 (921) 091-47-55; +7 (812) 339-45-97</p> <p>Website: https://dielcom-ec.ru/</p> <p>Email: spb@dielcom.ru</p> <p>Registration number: 7806552930 (Tax ID/INN)</p>	25.6.2024
630.	<p>Telecommunications Technology (TKT)</p> <p>Local name: Общество с Ограниченной Ответственностью «Телекоммуникационные Технологии» (ООО «ТКТ»)</p> <p>A.k.a: ООО TKT; Telecommunication Technologies LLC</p>	<p>Address(es): 121593, Moscow, Gorbunova Str., 2, Building 3, Foor 8, Premises II, Room 27235, Russian Federation; 121357, Moscow, Vereyskaya Str., 29, Building 134, Russian Federation</p> <p>Telephone: +7 (495) 494-72-83; +7 (499) 372-59-09237;</p> <p>Website: https://telecom-tech.ru/</p> <p>Email: info@telecom-tech.ru</p> <p>Registration number: 7733582433 (Tax ID/INN)</p>	25.6.2024
631.	<p>Azimut LLC</p> <p>Local name: Общество с Ограниченной Ответственностью «Азимут» (ООО «Азимут») A.k.a: ООО Azimut</p>	<p>Address(es): 115230, Moscow, Varshavskoe Shosse, 42, Floor 7, Office 7122, Russian Federation</p> <p>Registration number: 5002005356 (Tax ID/INN)</p>	25.6.2024
632.	<p>Win Key Limited</p> <p>Local name:</p> <p>A.k.a: Win Key; Win Ket Ltd</p>	<p>Address(es): Room 1606, 16/F Workingbond Commercial Centre, 162-164 Prince Edward Road West, Mong Kok, Kowloon, Hong Kong; Unit 1008, 10/F, Sun Cheong Industrial Building, 2-4 Cheung Yee Street, Hong Kong</p> <p>Registration number: 2729587 (CR No.)</p>	25.6.2024

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Number	Name	Identifying Information	Date of listing
633.	<p>LLC Titan-Micro</p> <p>Local name: Общество с Ограниченной Ответственностью «Титан-Микро» (ООО «Титан-Микро»)</p> <p>Alias: Titan Mikro</p>	<p>Address(es): 125481, Moscow, Severnoye Tushino Municipal District, Svobody Str., 103, Building 8, Floor 2, Room 4265, Russian Federation; 390023, Ryazan, Yesenina Str, 41, Room N11, Russian Federation; 125367, Moscow, Polessky Proezd, 16, Building 1, Russian Federation; 117246, Moscow, Profsoyuznaya Str., 6, Russian Federation</p> <p>Telephone: +7 (925) 160-73-80; +7 (495) 260-77-50268; +7 (4912) 43-44-10269</p> <p>Website: https://titan-micro.ru/</p> <p>Email: info@titan-micro.ru</p> <p>Registration number: 6230119259 (Tax ID/INN)</p>	25.6.2024
634.	<p>Streloi Ekommerts</p> <p>Local name: Общество с Ограниченной Ответственностью «Стрелой Е-Коммерц» (ООО «Стрелой Е-Коммерц»)</p> <p>A.k.a: LLC Streloy E-Commerce</p>	<p>Address(es): 191025, St. Petersburg, Vladimir Municipal District, Dmitrovsky Pereulok, 13, Letter A280, Russian Federation; 194292, St. Petersburg, Parnassus 1st Vekhny Pereulok, 10, Building 3, Hangar A3, Gate 10, Russian Federation; 123001, Moscow, Mamonovsky Pereulok 6, Russian Federation; 620014, Yekaterinburg, Sheinkman Str., 75, Office 7, Russian Federation</p> <p>Telephone: +7 (812) 670-50-50; +7 (812) 670-50-59</p> <p>Website: https://e-streloy.ru/</p> <p>Email: info@e-streloy.ru</p> <p>Registration number: 7840068335 (Tax ID/INN)</p>	25.6.2024
635.	<p>LLC Chipdevice</p> <p>Local name: Общество с Ограниченной Ответственностью «Чипдевайс» (ООО «Чипдевайс»)</p> <p>A.k.a: ООО Chipdevais</p>	<p>Address(es): 195196, St. Petersburg, Malaya Oktha Municipal District, Rizhskaya Str., 5, Building 1, Letter A, Room 27, 28, Office 416291, Russian Federation</p> <p>Telephone: +7 (812) 352-74-56292; +7 (812) 660-56-37</p> <p>Website: https://chipdevice.ru/</p> <p>Email: info@chipdevice.ru</p> <p>Registration number: 7806598766 (Tax ID/INN)</p>	25.6.2024

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Number	Name	Identifying Information	Date of listing
636.	OOO Novelco Local name: Общество с Ограниченной Ответственностью «Новелко» (ООО «Новелко») A.k.a: Novelco LLC; OOO Novelko	Address(es): 141506, Moscow Oblast, Solnechnogorsk, Krasnaya Str., 58, Russian Federation; 141580, Moscow Oblast, Khimki, Dubrovki Village, Aeroportovskaya Str., 2, Building 2, Business Centre “Sherland”, Office 210-1, Russian Federation Telephone: +7 (495) 789-47-39307; +8 (800) 600-42-30 Website: https://novelco.ru/ Email: order@novelco.ru308 Registration number: 7733744331(Tax ID/INN)	25.6.2024
637.	Kvantek Limited A.k.a: Kvantek; Kvantek (HK) Limited	Address(es): Unit 704, 7/F, 135 Bonham Strand Trade Center, Sheung Wan, Hong Kong Telephone: +852 6078 0744; +852 5801 4778316 Website: www.kvantek-ltd.com Email: info@kvantek-ltd.com Registration number: 2916042 (CR No.)	25.6.2024
638.	SuperChip Limited A.k.a: Superchip (HK) Limited; Superchip Ltd	Address(es): Unit 704, 7/F, 135 Bonham Strand Trade Center, Sheung Wan, Hong Kong Telephone: +85239733866 Website: www.superchip-ltd.com Email: info@superchip-ltd.com Registration number: 2724415 (CR No.)	25.6.2024

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Number	Name	Identifying Information	Date of listing
639.	Crynofist Aviation Local name: تسيفونيرك نشييفا ش.م.ح. A.k.a: Crynofist Aviation FZCO	Address(es): 9WB 159-SO-26, First Floor, 9WB, Dubai Airport Freezone, Dubai, United Arab Emirates Telephone: +971 4 261 4263 Website: https://crynofistaviation.com/ Email: sales@crynofist.com Registration number: 11915819 (CBLS No.)	25.6.2024
640.	Kaili Industrial HK Limited Local name: 香港凱利實業有限公司 A.k.a: Kaili Industrial H.K. Ltd	Address(es): Room 803, Chevalier House, 45-51 Chatham Road South, Tsim Sha Tsui, Kowloon, Hong Kong Telephone: +7 (423) 242-85-03; +7 (423) 261-46-41 Registration number: 3030778 (CR No.)	25.6.2024
641.	Most Development Limited Local name: 莫斯特發展有限公司 A.k.a: Most Development; Most Development Ltd	Address(es): 2-16 Fayuen Street, Office 4, 16/F, Ho King Commercial Center, Hong Kong; 9 Yin Chong Street, 21F, Room 01, Prosper Commercial Building, Hong Kong Website: https://most-development.com/ Email: sale@most-development.com Telephone: +852 21376113 Registration number: 2694980 (CR No.)	25.6.2024
642.	Muller Markt LLC Local name: Общество с Ограниченной Ответственностью «Мюллер Маркт» (ООО «Мюллер Маркт»); «Мюллер Маркт» жоопкерчилиги чектелген коому Alias: Müller Markt; ООО Myuller Markt	Address(es): Bishkek, Leninsky District, 95, Kalyk Akieva Str., 3rd Floor, Kyrgyz Republic; 720005, Bishkek, Fatyanova Str., 43, Kyrgyz Republic Telephone: +996 507 220 048; +996 551 88 22 11364 Website: http://www.muller-markt.kg/ Email: info@muller-makrt.kg Registration number: 01805202210181 (Tax ID/INN)	25.6.2024

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Number	Name	Identifying Information	Date of listing
643.	Profflab LLC Local name: Общество с Ограниченной Ответственностью «ПроффЛаб» (ООО «ПроффЛаб»); «ПроффЛаб» жоопкерчилиги чектелген коому A.k.a: Profflab OSOO	Address(es): 720001, Bishkek, Leninsky District, Toktogula Str., 179/2, Kyrgyz Republic Website: http://proff-lab.kg/ Registration number: 01703202210047 (Tax ID/INN)	25.6.2024
644.	Megasan Elektronik Ticaret Ve Sanayi A S Local name: Megasan Elektronik Ticaret Ve Sanayi Anonim Şirketi Alias: Megasan	Address(es): 34771, Fatih Sultan Mehmet Mahallesi Poligon Caddesi OneBlock İş Merkezi No:16 Floor:11, Umraniye Istanbul, Republic of Türkiye; Perpa Trading Centers A Block Floor:11 No: 1409 34384 Sisli, Istanbul, Republic of Türkiye Telephone: 0212 293 5900; 0212 293 5903 Website: http://www.megasan.com Email: info@megasan.com Registration number: 0613-0759-7600-0001 (Central Registration System No.)	25.6.2024
645.	Karasani Dis Ticaret Limited Sirketi Local name: Karasani Diş Ticaret Limited Şirketi Alias: Karasani Foreign Trade Limited Company	Address(es): Cumhuriyet Mah.Cevval Sk. No:1/3 İç Kapi No:180, Büyükçekmece, Istanbul, Republic of Türkiye; Bahcesehir 2. Kısım Mah. Waterfall Cad. 13e, Basaksehir, Istanbul, Republic of Türkiye; Bahçeşehir 2. Kısım Mah. Şelale Cad. Manolya Evleri 13E B1:48 Basaksehir, Istanbul, Republic of Türkiye Telephone: 532 062 57 24; +90 533 136 83 78 Website: http://karasani.com.tr/ Email: info@karasani.com.tr Registration number: 0079-0681-5280-0001 (Central Registration System No.)	25.6.2024

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Number	Name	Identifying Information	Date of listing
646.	CTL Dis Ticaret Limited Local name: CTL Dış Ticaret Limited Şirketi A.k.a: CTL Foreign Trade Limited; CTL Limited	Address(es): Nispetiye Mah., Gazi Güçnar Sk. Uygur İş Merkezi Blok No: 4, İç Kapı No: 2, Beşiktaş, İstanbul, Republic of Türkiye Telephone: +905346311587 Website: https://www.ctl-limited-tr.com/ Email: office@ctl-limited-tr.com Registration number: 0215-0606-4670-0001 (Central Registration System No.)	25.6.2024
647.	Bion Group İç Ve Dis Ticaret Limited Local name: Bion Group İç Ve Dış Ticaret Limited Şirketi A.k.a: Bion Trade Group Limited; Bion Group Ltd Sti	Address(es): Maslak Mah. Büyükdere Cad. Noramin İş Merkezi No: 237 İç Kapı No: 202, Sarıyer, İstanbul, Republic of Türkiye Telephone: +90 212 438 3235 Website: https://www.biontrading.com/ Email: tr@biontrading.com Registration number: 0050-1012-6670-0001 (Central Registration System No.)	25.6.2024
648.	Ervacan Makina Ekipmanlari Ve San Ted Ltd Local name: Ervacan Makina Ekipmanlari Ve Sanayi Tedarik Limited Şirketi A.k.a: Ervacan Makina Ekipmanları ve Sanayi Tedarik Ltd Şti.	Address(es): Küçükbakkalköy Mah., Defne Sok., Flora Suite Office, KNo: 1, DNo: 365, PK: 34750, Atasehir, İstanbul, Republic of Türkiye Telephone: 532 317 72 99 Website: https://www.ervacan.com.tr/ Email: info@ervacan.com.tr Registration number: 0376-0151-3570-0001 (Central Registration System No.)	25.6.2024
649.	Smart Trading Tasimacilik Sanayi Ve Ticaret Limited Local name: Smart Trading Taşimacilik Sanayi Ve Ticaret Limited Şirketi	Address(es): Esentepe Mah., Harman 1, Sk.Duran İş Merkezi Blok No:4/8, Şişli, İstanbul, Republic of Türkiye Telephone: 555 604 38 91 Registration number: 0772-1465-6280-0001(Central Registration System No.)	25.6.2024

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Number	Name	Identifying Information	Date of listing
650.	<p>Orel Dis Tic. Ltd. Sti</p> <p>Local name: Orel Diş Ticaret Limited Şirketi</p> <p>A.k.a: Orel Dis Ticaret Ltd.; Orel Foreign Trade Limited Company</p>	<p>Address(es): Alaaddinbey Mah. 632. Sk. No: 6a İç Kapi No: 1 Nilüfer, Bursa, Republic of Türkiye</p>	25.6.2024
651.	<p>Chang Guang Satellite Technology Co. Ltd</p> <p>Local name: 长光卫星技术股份有限公司 (长光卫星)</p> <p>A.k.a: CGST; Changguang Setellite Co., Ltd; “Charming Globe”</p>	<p>Address(es): 1299, Mingxi Road, Beihu Technological Development Zone, Changchun City, Jilin Province, People’s Republic of China</p> <p>Telephone: + 86-0431-81785191</p> <p>Website: http://www.jl1.cn/EWeb/</p> <p>Registration number: 91220101310012867G (USCC)</p>	25.6.2024
652.	<p>China Head Aerospace Group</p> <p>Local name: 北京和德宇航技术有限公司</p> <p>A.k.a: China Head Aerospace Technology Co.; China Head Technology Co.; China Head Technology Company</p>	<p>Address(es): Room n° 1, 13th floor, Building n° 5, Defence Science and Technology Park, Compound A2, West 3rd Ring North Road, Haidian district, Beijing, People’s Republic of China</p> <p>Telephone: +86 10 82890470</p> <p>Website: http://www.head-aerospace.com/</p> <p>Email: info@head-aerospace.com</p> <p>Registration number: 91110108661572276L (USCC)</p>	25.6.2024
653.	<p>Changsha Tianyi Space Science and Technology Research (SpaceTy)</p> <p>Local name: 长沙天仪空间科技研究院有限公司</p> <p>A.k.a: Spacety China; Changsha Tianyi Space Science and Technology Research Institute Co. LTD; Spacety Co., Ltd.</p>	<p>Address(es): 25th floor, A Building, Lugu Science&Technology Innovation and Entrepreneurship Park, 1698 Yuelu West Avenue, High-tech development zone, Changsha, Hunan, People’s Republic of China</p> <p>Telephone: +86 0731-88712659</p> <p>Website: https://cn.spacety.com/</p> <p>Email: sales@spacety.cn; bd@spacety.cn; sar@spacety.cn</p> <p>Registration number: 914301003206989977 (USCC)</p>	25.6.2024

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Number	Name	Identifying Information	Date of listing
654.	Shenzhen 5G High Tech Innovation Co., Ltd Local name: 深圳五力高科创新科技有限公司	Address(es): B502, Block B, Rongchao Yinglong Building, Longfu Road, Shangjing Community, Longcheng Sub-district, Longgang District, Shenzhen, People's Republic of China; 306 Garden Road, Pingxi Community, Pingdi Sub-district, Longgang District, Shenzhen, People's Republic of China Registration number: 91440300MA5HLP0L6L (USCC)	25.6.2024
655.	Afox Corporation Local name: 元富科技集團股份有限公司	Address(es): Ft F 10/F, Hung Cheung Ind Ctr Phs 1, 12 Tsing Yeung Circuit Tuen Mun Nt, Hong Kong; 807, Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, NT, Hong Kong; Pan-Asia, Australia, S. America countries and global sales 2F, No.3, Lane 5, Wu Kai Sha Village, Ma On Shan, Nt, Hong Kong Telephone: +852 81930016 Website: http://afox-corp.com Email: sales@afox-corp.com Registration number: 1385734 (CR No.)	25.6.2024
656.	DEXP International Limited	Address(es): Unit 7103, 7/F Yf Life Tower 33 Lockhart Road Wan Chai, Hong Kong; 7B, 1801-03, 18/F, East Town Building, 41 Lockhart Road, Wan Chai, Hong Kong Telephone: +852 2760 2965 Website: https://dexp.org/ Email: info@dexp.org Registration number: 2745132 (CR No.)	25.6.2024
657.	Agu Information Technology Co Limited Local name: 麥克維爾工業貿易有限公司 A.k.a: Makewell Industrial Trading Co., Limited	Address(es): Unit 22, 2/F, Foo To Building, 98 Argyle Street, Mongkok, Kowloon, Hong Kong Registration number: 3142653 (CR No.)	25.6.2024

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Number	Name	Identifying Information	Date of listing
658.	Grants Promotion Service Limited A.k.a: Catalano Limited; GPSL; Zhenao Co. Ltd.	Address: 430-436 Nathan Road, Nathan Commercial Building, 8th Floor, Room A, Yau Ma Tei, Hong Kong Website: https://grantspsltd.com/ Email: clients@grantspsltd.com Registration number: 086468819 (CR No.)	25.6.2024
659.	Innovio Ventures	Address(es): 944 Block C Sushant Lok Phase 1, Gurugram, Haryana, 122001, Republic of India; Basai Road, Shop No. 141, Gurgaon, Haryana, 122001, Republic of India Telephone: +91 9717344646 Website: https://innovioventures.com/ Email: contact@innovioventures.com Registration number: 06AAFFI1755F1ZL (GSTIN)	25.6.2024
660.	Imaxchip Local name: 愛瑪芯科技有限公司 A.k.a: Imaxchip Technology Co Limited; Imaxchip Technology CO Ltd.; Emmaxin Technology Co., Ltd	Address(es): 18E, Building 2, China Phoenix Building, Shennan Road, Futian District, 518000, Shenzhen, People's Republic of China; No. 59 King Yip Street, King Yip Factory Building, 5th Floor, Unit D5, Kwun Tong, Kowloon, Hong Kong; Shennan Middle Road, International Culture Building, Room 2508B, Futian District, Shenzhen, Guangdong, People's Republic of China; Kwun Tong Industrial Center Phase 3, 3rd Floor, Unit L, Kwun Tong, Kowloon, Hong Kong; Nos. 436-446 Kwun Tong Road, 13th Floor, Unit A15, Kowloon, Hong Kong; Shennan Road, Phoenix Building 2, Room 18E, Futian District, Shenzhen, Guangdong, People's Republic of China; Lianqiu Building, No. 735 Renmin West Road, Wucheng District, Jinhua, Zhejiang, China; Shenfang Building B3109, Futian District, Shenzhen, Guangdong, People's Republic of China Telephone: +86 755 83257992 Website: www.imax-chip.com Email: kris@imaxchip.com Registration number: 69392858 (USCC); 2697983 (CR No.)	25.6.2024

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Number	Name	Identifying Information	Date of listing
661.	<p>►C7 M Star International Trading Company Limited</p> <p>Local name: 美星國際貿易有限公司</p> <p>A.k.a: M-Star International Trading Co., Ltd.;</p> <p>Meixing International Trade Co., Ltd ◀</p>	<p>►C7 Address(es): Room 2501, International Science & Technology Building, Futian District, Shenzhen, Guangdong, People's Republic of China; Flat/Rm D19 3/F, Wong King Industrial Building, No 2 Tai Yau Street, KL, Hong Kong</p> <p>Telephone: + 86 15818601197</p> <p>Website: http://www.m-starit.com</p> <p>Email: sales@m-starit.com</p> <p>Registration number: 61365134 (BRN) ◀</p>	25.6.2024
662.	<p>Ix Elektronik Ic Ve Dis Ticaret Limited</p> <p>Local name: Ix Elektronik İç Ve Dış Ticaret Limited Şirketi</p>	<p>Address(es): Summer Park Sitesi D Blok, No:8D-23 OBA Mahallesi, Antalya, Republic of Türkiye; 07450, Alanya/Antalya, Oba Mahallesi 225, Sok Summer Park Sitesi No:8 D BL, Republic of Türkiye</p>	25.6.2024
663.	<p>Allparts Trading Co, Limited</p> <p>A.k.a: All Parts Trading Company Limited</p>	<p>Address(es): 3 Garden Road Central, Hong Kong; Room 13, 27/F, Ho King Commercial Centre, 2-16 Fa Yuen, Street, Mongkok Kowloon, Hong Kong; Room 2901B, Bank of Communications, Futian District, Shenzhen, People's Republic of China; Room 803, Chevalier House, 45-51 Chatham Road South, Kowloon, Tsim Sha Tsui, Hong Kong 4/F Building 6 Deguan Lighting Factory, No. 2 South 1st, Guangzhou, People's Republic of China; Room 1901H Bank of Communications, Futian District, Shenzhen, People's Republic of China</p> <p>Registration number: 3168281 (CR No.)</p>	25.6.2024
664.	<p>Bee Insaat Mimarlik Anonim Sirketi</p> <p>Local name: Bee İnşaat Mimarlik Anonim Şirketi</p> <p>Aliases: Bee Insaat; Bee İnşaat Mimarlik A.Ş.</p>	<p>Address(es): Merkez Mah., Seckin Sok. Z Ofis 2-4 A, Kagithane, Istanbul, Republic of Türkiye</p> <p>Website: https://beeinsaat.com/</p> <p>Email: Info@beeinsaat.com</p> <p>Registration number: 0160-0722-3990-0001 (Central Registration System No.)</p>	25.6.2024

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Number	Name	Identifying Information	Date of listing
665.	Dason HK Technology Co., Ltd. Local name: 達仕恩(香港)科技有限公司 A.k.a: Dason (HK) Technology Co., Limited	Address(es): Unit 08, 15/F Witty Commercial Building 1A-1L Tung Choi St. KLN, Hong Kong Registration number: 1827596 (CR No.)	25.6.2024
666.	Da Group 22 Local name: Товарищество с Ограниченной Ответственностью «DA GROUP 22» (TOO «DA GROUP 22»); «DA GROUP 22» Жауапкершілігі Шектеулі Серіктестігі («DA GROUP 22» ЖШС)	Address(es): Office 1309, ISKER Business Center, 13, Abay Avenue, Saryarka District, Astana, Republic of Kazakhstan Telephone: +7 (705) 207-24-77 Website: https://da-group22.kz/ Registration number: 220340015320 (BIN)	25.6.2024
667.	SERVIS-SN Local name: Общество с Ограниченной Ответственностью «СЕРВИС-СН» (ООО «СЕРВИС-СН») A.k.a: SERVIS-SN LLC	Address(es): 426065, Udmurt Republic, Izhevsk, Avotzavodskaya Str., 2A, Premises 162, Russian Federation Telephone: +73412708888 Website: http://servicesn.ru/ Registration number: 1840119099 (Tax ID/INN)	25.6.2024
668.	RTK LLC Local name: Общество с Ограниченной Ответственностью «РТК» (ООО «РТК») A.k.a: ООО RTK; RTC LLC	Address(es): 107113, Moscow, Sokolniki Municipal District, Malenkovskaya Str. 14, Building 3, Russian Federation Telephone: +79855407740 Registration number: 9715415169 (Tax ID/INN)	25.6.2024
669.	LLC GAUSS Local name: Общество с Ограниченной Ответственностью «ГАУСС» (ООО «ГАУСС») A.k.a: ООО GAUSS	Address(es): 107113, Moscow, Marina Roshcha Municipal District, Perunovsky Pereulok, 3, Building 2, Russian Federation Telephone: +7 (495) 112-00-20 Website: https://gaussaero.ru/ Email: info@gaussaero.ru Registration number: 9715444498 (Tax ID/INN)	25.6.2024

Number	Name	Identifying Information	Date of listing
670.	JSC Emergency Digital Solutions (EDS) Local name: Акционерное Общество «Эмердженси Диджитал Солюшенс» (АО «ЭДС») A.k.a: AO EDS	Address(es): 107113, Moscow, Marina Roshcha Municipal District, Perunovsky Pereulok, 3, Building 2, Russian Federation; 127055, Moscow, P.O. Box 132, Russian Federation Telephone: +7 (495) 796-78-79 Website: https://www.eds.ai/ Email: info@eds.ai Registration number: 9715475552 (Tax ID/INN)	25.6.2024
671.	48th Central Scientific Research Institute (TsNII) Local name: Федеральное Государственное Бюджетное Учреждение «48 Центральный Научно-Исследовательский Институт» Министерства Обороны Российской Федерации (ФГБУ «48 ЦНИИ» Минобороны России) A.k.a: 48th TsNII; Federal State Budgetary Institution “48 Central Scientific Research Institute” of the Ministry of Defence of the Russian Federation; FGBU “48 Central Scientific Research Institute”	Address(es): 141306, Moscow Oblast, Sergeev Posad-6, Oktyabrskaya Str., 11, Russian Federation; 610017, Kirov Oblast, Kirov, Oktyabrsky Prospekt, 119, Russian Federation; 620085, Sverdlovsk Oblats, Yekaterinburg, Zvezdnaya Str., 1, Russian Federation Telephone: +7 (496) 552-12-00; +7 (496) 552-12-06 Website: https://ens.mil.ru/science/SRI/information.htm?id=12024@morfOrgScience Email: 48cnii@mail.ru Registration number: 9715475552 (Tax ID/INN)	25.6.2024
672.	27th Central Scientific Research Institute (TsNII) Local name: Федеральное Государственное Бюджетное Учреждение «27 Центральный Научно-Исследовательский Институт» Министерства Обороны Российской Федерации (ФГБУ «27 ЦНИИ» Минобороны России) A.k.a: 27th TsNII; Federal State Budgetary Institution “27 Central Scientific Research Institute” of the Ministry of Defence of the Russian Federation; FGBU “27 Central Scientific Research Institute”; 27th Military Scientific Centre; 27th Research and Development Centre of the Ministry of Defence	Address(es): 123007, Moscow, 1st Khoroshevsky Proezd, 5, Russian Federation Telephone: +7 (495) 945-76-96; +7 (495) 945-70-77 Website: https://ens.mil.ru/science/SRI/information.htm?id=10992@morfOrgScience Email: fin27cnii@mail.ru Registration number: 7714676767 (Tax ID/INN)	25.6.2024

Number	Name	Identifying Information	Date of listing
673.	<p>33rd Central Scientific Research Institute (TsNII)</p> <p>Local name: Федеральное Государственное Бюджетное Учреждение «33 Центральный Научно-Исследовательский Испытательный Институт» Министерства Обороны Российской Федерации (ФГБУ «33 ЦНИИ» Минобороны России)</p> <p>A.k.a: 33rd Scientific Research and Testing Institute; Institute of Chemical Defence; 33rd Central Scientific Research Institute; 33rd Central Experimental Institute for Scientific Research of the Ministry of Defence; 33rd Central Research and Testing Institute of the Ministry of Defence of the Russian Federation; 33rd Military Scientific Centre; 33rd Research and Development Centre of the Ministry of Defence</p>	<p>Address(es): 412918, Saratov Oblast, Shikhany, Volsk-18, Russian Federation; 412918, Saratov Oblast, Volsk, Shikhany-2, Krasnoznamennaya Str., 1, Russian Federation</p> <p>Telephone: +7 (84593) 5-38-37; +7 (84593) 5-24-96; +7 (845) 935-31-94</p> <p>Website: https://ens.mil.ru/science/SRI/information.htm?id=12027@morfOrgScience</p> <p>Email: 33cnii-fes@mil.ru</p> <p>Registration number: 6441013942 (Tax ID/INN)</p>	25.6.2024
674.	<p>Engineering Center of Innovative Technologies</p> <p>Local name: Общество с Ограниченной Ответственностью «Центр Инновационных Технологий и Инжиниринга» (ООО «ЦИТИ»)</p> <p>A.k.a: ECITECH; ООО TsITI; LLC “Centre of Innovative Technologies and Engineering”</p>	<p>Address(es): 141190, Moscow Oblast, Fryazino, Zavodskoy Proezd, 2, Office 632, Russian Federation</p> <p>Telephone: +7 499 390-19-63</p> <p>Website: https://ecitech.ru/</p> <p>Email: info@ecitech.ru</p> <p>Registration number: 5050127869 (Tax ID/INN)</p>	25.6.2024
675.	<p>Limited Liability Company Technology Flybridge</p> <p>Local name: Общество с Ограниченной Ответственностью Технологическая Компания «Флай Бридж» (ООО ТК «Флай Бридж»)</p> <p>A.k.a: ООО TK FLY BRIDGE; Limited Liability Company Technological Company Fly Bridge; LLC TC Fly Bridge</p>	<p>Address(es): 141707, Moscow Oblast, Dolgoprudny, Patsaeva Prospekt, 7, Building 1, Office 28/1, Russian Federation; 141700, Moscow Oblast, Dolgoprudny, Dirizhabelnaya Str., 15a, Russian Federation</p> <p>Telephone: +7 (926) 319-44-28</p> <p>Website: http://flybridge.cc/</p> <p>Email: max@flybridge.cc</p> <p>Registration number: 5008054416 (Tax ID/INN)</p>	25.6.2024

▼ **M7**

ANNEX V

List of legal persons, entities and bodies referred to in Article 5(3)(a)

▼ **M1**

OPK OBORONPROM

UNITED AIRCRAFT CORPORATION

URALVAGONZAVOD

▼ M7

ANNEX VI

List of legal persons, entities and bodies referred to in Article 5(3)(b)

▼ M1

ROSNEFT

TRANSNEFT

GAZPROM NEFT

▼ **M31***ANNEX VII*

List of goods and technology referred to in Articles 2a(1) and 2b(1)

Part A

General Notes, Acronyms and Abbreviations, and Definitions in Annex I to Regulation (EU) 2021/821 apply to this Annex, with the exception of “Part I - General Notes, Acronyms and Abbreviations, and Definitions, General Notes to Annex I, point 2”.

Definitions of Terms used in the Common Military List (CML) of the European Union (2020/C 85/01) apply to this Annex.

Without prejudice to Article 12 of this Regulation, non-controlled items containing one or more components listed in this Annex are not subject to the controls under Articles 2a and 2b of this Regulation.

Category I – Electronics

X.A.I.001 Electronic devices and components.

- a. “Microprocessor microcircuits”, “microcomputer microcircuits”, and microcontroller microcircuits having any of the following:
 1. A performance speed of 5 GigaFLOPS or more and an arithmetic logic unit with an access width of 32 bit or more;
 2. A clock frequency rate exceeding 25 MHz; or
 3. More than one data or instruction bus or serial communication port that provides a direct external interconnection between parallel “microprocessor microcircuits” with a transfer rate of 2,5 Mbyte/s;
- b. Storage integrated circuits, as follows:
 1. Electrically erasable programmable read-only memories (EEPROMs) with a storage capacity:
 - a. Exceeding 16 Mbits per package for flash memory types; or
 - b. Exceeding either of the following limits for all other EEPROM types:
 1. Exceeding 1 Mbit per package; or
 2. Exceeding 256 kbit per package and a maximum access time of less than 80 ns;
 2. Static random access memories (SRAMs) with a storage capacity:
 - a. Exceeding 1 Mbit per package; or
 - b. Exceeding 256 kbit per package and a maximum access time of less than 25 ns;
- c. Analogue-to-digital converters having any of the following:
 1. A resolution of 8 bit or more, but less than 12 bit, with an output rate greater than 200 Mega Samples Per Second (MSPS);

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2. A resolution of 12 bit with an output rate greater than 105 Mega Samples per Second (MSPS);
 3. A resolution of more than 12 bit but equal to or less than 14 bit with an output rate greater than 10 Mega Samples per Second (MSPS); or
 4. A resolution of more than 14 bit with an output rate greater than 2,5 Mega Samples Per Second (MSPS);
- d. Field programmable logic devices having a maximum number of single-ended digital input/outputs between 200 and 700;
 - e. Fast Fourier Transform (FFT) processors having a rated execution time for a 1 024 point complex FFT of less than 1 ms;
 - f. Custom integrated circuits for which the function is unknown, or the control status of the equipment in which the integrated circuits will be used is unknown to the manufacturer, having any of the following:
 1. More than 144 terminals; or
 2. A typical basic propagation delay time of less than 0,4 ns;
 - g. Traveling-wave “vacuum electronic devices”, pulsed or continuous wave, as follows:
 1. Coupled cavity devices, or derivatives thereof;
 2. Devices based on helix, folded waveguide, or serpentine waveguide circuits, or derivatives thereof, having any of the following:
 - a. An “instantaneous bandwidth” of half an octave or more and average power (expressed in kW) times frequency (expressed in GHz) of more than 0,2; or
 - b. An “instantaneous bandwidth” of less than half an octave; and average power (expressed in kW) times frequency (expressed in GHz) of more than 0,4;
 - h. Flexible waveguides designed for use at frequencies exceeding 40 GHz;
 - i. Surface acoustic wave and surface skimming (shallow bulk) acoustic wave devices, having either of the following:
 1. A carrier frequency exceeding 1 GHz; or
 2. A carrier frequency of 1 GHz or less; and
 - a. A “frequency side-lobe rejection” exceeding 55 dB;
 - b. A product of the maximum delay time and bandwidth (time in μ s and bandwidth in MHz) of more than 100; or

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- c. A dispersive delay of more than 10 μs ;

Technical Note: For the purpose of X.A.I.001.i “Frequency side-lobe rejection” is the maximum rejection value specified in data sheet.

- j. “Cells” as follows:

1. “Primary cells” having an “energy density” of 550 Wh/kg or less at 293 K (20 °C);
2. “Secondary cells” having an “energy density” of 350 Wh/kg or less at 293 K (20 °C);

Note: X.A.I.001.j does not control batteries, including single cell batteries.

Technical Notes:

1. For the purpose of X.A.I.001.j energy density (Wh/kg) is calculated from the nominal voltage multiplied by the nominal capacity in ampere-hours (Ah) divided by the mass in kilograms. If the nominal capacity is not stated, energy density is calculated from the nominal voltage squared then multiplied by the discharge duration in hours divided by the discharge load in Ohms and the mass in kilograms.
 2. For the purpose of X.A.I.001.j, a “cell” is defined as an electrochemical device, which has positive and negative electrodes, and electrolyte, and is a source of electrical energy. It is the basic building block of a battery.
 3. For the purpose of X.A.I.001.j.1, a “primary cell” is a “cell” that is not designed to be charged by any other source.
 4. For the purpose of X.A.I.001.j.2, a “secondary cell” is a “cell” that is designed to be charged by an external electrical source.
- k. “Superconductive” electromagnets or solenoids specially designed to be fully charged or discharged in less than one minute, having all of the following:

Note: X.A.I.001.k does not control “superconductive” electromagnets or solenoids designed for Magnetic Resonance Imaging (MRI) medical equipment.

1. Maximum energy delivered during the discharge divided by the duration of the discharge of more than 500 kJ per minute;
 2. Inner diameter of the current carrying windings of more than 250 mm; and
 3. Rated for a magnetic induction of more than 8T or “overall current density” in the winding of more than 300 A/mm²;
- l. Circuits or systems for electromagnetic energy storage, containing components manufactured from “superconductive” materials specially designed for operation at temperatures below the “critical temperature” of at least one of their “superconductive” constituents, having all of the following:

▼ M31

1. Resonant operating frequencies exceeding 1 MHz;
 2. A stored energy density of 1 MJ/m³ or more; and
 3. A discharge time of less than 1 ms;
- m. Hydrogen/hydrogen-isotope thyratrons of ceramic-metal construction and rate for a peak current of 500 A or more;
- n. Ceramic frequency filters;
- o. Solar cells, cell-interconnect-coverglass (CIC) assemblies, solar panels, and solar arrays, which are “space qualified” and not controlled by 3A001.e.4 ⁽¹⁾.
- p. Cermet trimmers.
- X.A.I.002 General purpose “electronic assemblies”, modules and equipment.
- a. Electronic test equipment, other than those specified in the CML or in Regulation (EU) 2021/821;
 - b. Digital instrumentation magnetic tape data recorders having any of the following characteristics:
 1. A maximum digital interface transfer rate exceeding 60 Mbit/s and employing helical scan techniques;
 2. A maximum digital interface transfer rate exceeding 120 Mbit/s and employing fixed head techniques; or
 3. “Space qualified”;
 - c. Equipment, with a maximum digital interface transfer rate exceeding 60 Mbit/s, designed to convert digital video magnetic tape recorders for use as digital instrumentation data recorders;
 - d. Non-modular analogue oscilloscopes having a bandwidth of 1 GHz or greater;
 - e. Modular analogue oscilloscope systems having either of the following characteristics:
 1. A mainframe with a bandwidth of 1 GHz or greater; or
 2. Plug-in modules with an individual bandwidth of 4 GHz or greater;
 - f. Analogue sampling oscilloscopes for the analysis of recurring phenomena with an effective bandwidth greater than 4 GHz;
 - g. Digital oscilloscopes and transient recorders, using analogue-to-digital conversion techniques, capable of storing transients by sequentially sampling single-shot inputs at successive intervals of less than 1 ns (greater than 1 Giga Samples per Second (GSPS)), digitizing to 8 bits or greater resolution and storing 256 or more samples.

⁽¹⁾ Ref. Annex I to Regulation (EU) 2021/821

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Note: X.A.I.002 controls the following specially designed components for analogue oscilloscopes:

1. Plug-in units;
2. External amplifiers;
3. Pre-amplifiers;
4. Sampling devices;
5. Cathode ray tubes.

X.A.I.003 Specific processing equipment, other than those specified in the CML or in Regulation (EU) 2021/821, as follows:

- a. Frequency changers and their specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821;
- b. Mass spectrometers, other than those specified in the CML or in Regulation (EU) 2021/821;
- c. All flash X-ray machines, or components of pulsed power systems designed thereof, including Marx generators, high power pulse shaping networks, high voltage capacitors, and triggers;
- d. Pulse amplifiers, other than those specified in the CML or in Regulation (EU) 2021/821;
- e. Electronic equipment for time delay generation or time interval measurement, as follows:
 1. Digital time delay generators with a resolution of 50 ns or less over time intervals of 1 μ s or greater; or
 2. Multi-channel (three or more) or modular time interval meter and chronometry equipment with resolution of 50 ns or less over time intervals of 1 μ s or greater;
- f. Chromatography and spectrometry analytical instruments.

X.B.I.001 Equipment for the manufacture of electronic components or materials, as follows and specially designed components and accessories therefor:

- a. Equipment specially designed for the manufacture of electron tubes, optical elements and specially designed components therefor controlled by 3A001 ⁽²⁾ or X.A.I.001;
- b. Equipment specially designed for the manufacture of semiconductor devices, integrated circuits and “electronic assemblies”, as follows, and systems incorporating or having the characteristics of such equipment:

Note: X.B.I.001.b. also controls equipment used or modified for use in the manufacture of other devices, such as imaging devices, electro-optical devices, acoustic-wave devices.

⁽²⁾ Ref. Annex I to Regulation (EU) 2021/821

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1. Equipment for the processing of materials for the manufacture of devices and components as specified in the heading of X.B.1.001.b, as follows:

Note: X.B.1.001 does not control quartz furnace tubes, furnace liners, paddles, boats (except specially designed caged boats), bubblers, cassettes or crucibles specially designed for the processing equipment controlled by X.B.1.001.b.1.

- a. Equipment for producing polycrystalline silicon and materials controlled by 3C001 ⁽³⁾;
- b. Equipment specially designed for purifying or processing III/V and II/VI semiconductor materials controlled by 3C001, 3C002, 3C003, 3C004, or 3C005 ⁽⁴⁾ except crystal pullers, for which see X.B.1.001.b.1.c below;
- c. Crystal pullers and furnaces, as follows:

Note: X.B.1.001.b.1.c does not control diffusion and oxidation furnaces.

1. Annealing or recrystallizing equipment other than constant temperature furnaces employing high rates of energy transfer capable of processing wafers at a rate exceeding 0,005 m² per minute;
2. “Stored program controlled” crystal pullers having any of the following characteristics:
 - a. Rechargeable without replacing the crucible container;
 - b. Capable of operation at pressures above 2,5 x 10⁵ Pa; or
 - c. Capable of pulling crystals of a diameter exceeding 100 mm;
- d. “Stored program controlled” equipment for epitaxial growth having any of the following characteristics:
 1. Capable of producing silicon layer with a thickness uniform to less than ± 2,5 % across a distance of 200 mm or more;
 2. Capable of producing a layer of any material other than silicon with a thickness uniformity across the wafer of equal to or better than ± 3,5 %; or
 3. Rotation of individual wafers during processing;
- e. Molecular beam epitaxial growth equipment;
- f. Magnetically enhanced “sputtering” equipment with specially designed integral load locks capable of transferring wafers in an isolated vacuum environment;

⁽³⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽⁴⁾ Ref. Annex I to Regulation (EU) 2021/821

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- g. Equipment specially designed for ion implantation, ion-enhanced or photo-enhanced diffusion, having any of the following characteristics:
1. Patterning capability;
 2. Beam energy (accelerating voltage) exceeding 200 keV;
 3. Optimised to operate at a beam energy (accelerating voltage) of less than 10 keV; or
 4. Capable of high energy oxygen implant into a heated “substrate”;
- h. “Stored program controlled” equipment for the selective removal (etching) by means of anisotropic dry methods (e.g., plasma), as follows:
1. “Batch types” having either of the following:
 - a. End-point detection, other than optical emission spectroscopy types; or
 - b. Reactor operational (etching) pressure of 26,66 Pa or less;
 2. “Single wafer types” having any of the following:
 - a. End-point detection, other than optical emission spectroscopy types;
 - b. Reactor operational (etching) pressure of 26,66 Pa or less; or
 - c. Cassette-to-cassette and load locks wafer handling;

Notes:

1. “Batch types” refers to machines not specially designed for production processing of single wafers. Such machines can process two or more wafers simultaneously with common process parameters, e.g., RF power, temperature, etch gas species, flow rates.
 2. “Single wafer types” refers to machines specially designed for production processing of single wafers. These machines may use automatic wafer handling techniques to load a single wafer into the equipment for processing. The definition includes equipment that can load and process several wafers but where the etching parameters, e.g., RF power or end point, can be independently determined for each individual wafer.
- i. Chemical vapour deposition (CVD) equipment, e.g., plasma-enhanced CVD (PECVD) or photo-enhanced CVD, for semiconductor device manufacturing, having either of the following capabilities, for deposition of oxides, nitrides, metals or polysilicon:
1. Chemical vapour deposition equipment operating below 10^5 Pa; or
 2. PECVD equipment operating either below 60 Pa or having automatic cassette-to-cassette and load lock wafer handling;

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Note: X.B.I.001.b.1.i does not control low pressure chemical vapour deposition (LPCVD) systems or reactive “sputtering” equipment.

- j. Electron beam systems specially designed or modified for mask making or semiconductor device processing having any of the following characteristics:
1. Electrostatic beam deflection;
 2. Shaped, non-Gaussian beam profile;
 3. Digital-to-analogue conversion rate exceeding 3 MHz;
 4. Digital-to-analogue conversion accuracy exceeding 12 bit; or
 5. Target-to-beam position feedback control precision of 1 µm or finer;

Note: X.B.I.001.b.1.j does not control electron beam deposition systems or general purpose scanning electron microscopes.

- k. Surface finishing equipment for the processing of semiconductor wafers as follows:
1. Specially designed equipment for backside processing of wafers thinner than 100 µm and the subsequent separation thereof; or
 2. Specially designed equipment for achieving a surface roughness of the active surface of a processed wafer with a two-sigma value of 2 µm or less, total indicator reading (TIR);

Note: X.B.I.001.b.1.k does not control single-side lapping and polishing equipment for wafer surface finishing.

- l. Interconnection equipment which includes common single or multiple vacuum chambers specially designed to permit the integration of any equipment controlled by X.B.I.001 into a complete system;
- m. “Stored program controlled” equipment using “lasers” for the repair or trimming of “monolithic integrated circuits” with either of the following characteristics:
1. Positioning accuracy less than $\pm 1 \mu\text{m}$; or
 2. Spot size (kerf width) less than 3 µm.

Technical Note: For the purpose of X.B.I.001.b.1, “sputtering” is an overlay coating process wherein positively charged ions are accelerated by an electric field towards the surface of a target (coating material). The kinetic energy of the impacting ions is sufficient to cause target surface atoms to be released and deposited on the substrate. (Note: Triode, magnetron or radio frequency sputtering to increase adhesion of coating and rate of deposition are ordinary modifications of the process.)

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2. Masks, mask substrates, mask-making equipment and image transfer equipment for the manufacture of devices and components as specified in the heading of X.B.I.001, as follows:

Note: The term masks refers to those used in electron beam lithography, X-ray lithography, and ultraviolet lithography, as well as the usual ultraviolet and visible photo-lithography.

- a. Finished masks, reticles and designs therefor, except:
1. Finished masks or reticles for the production of integrated circuits not controlled by 3A001 ⁽⁵⁾; or
 2. Masks or reticles, having both of the following characteristics:
 - a. Their design is based on geometries of 2,5 µm or more; and
 - b. The design does not include special features to alter the intended use by means of production equipment or “software”;
- b. Mask substrates as follows:
1. Hard surface (e.g., chromium, silicon, molybdenum) coated “substrates” (e.g., glass, quartz, sapphire) for the preparation of masks having dimensions exceeding 125 mm x 125 mm;
- or
2. Substrates specially designed for X-ray masks;
- c. Equipment, other than general purpose computers, specially designed for computer aided design (CAD) of semiconductor devices or integrated circuits;
- d. Equipment or machines, as follows, for mask or reticle fabrication:
1. Photo-optical step and repeat cameras capable of producing arrays larger than 100 mm x 100 mm, or capable of producing a single exposure larger than 6 mm x 6 mm in the image (i.e., focal) plane, or capable of producing line widths of less than 2,5 µm in the photoresist on the “substrate”;
 2. Mask or reticle fabrication equipment using ion or “laser” beam lithography capable of producing line widths of less than 2,5 µm; or
 3. Equipment or holders for altering masks or reticles or adding pellicles to remove defects;

⁽⁵⁾ Ref. Annex I to Regulation (EU) 2021/821

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Note: X.B.I.001.b.2.d.1 and b.2.d.2 do not control mask fabrication equipment using photo-optical methods which was either commercially available before the 1st January 1980, or has a performance no better than such equipment.

- e. “Stored program controlled” equipment for the inspection of masks, reticles or pellicles with:

1. A resolution of 0,25 μm or finer; and
2. A precision of 0,75 μm or finer over a distance in one or two coordinates of 63,5 mm or more;

Note: X.B.I.001.b.2.e does not control general purpose scanning electron microscopes except when specially designed and instrumented for automatic pattern inspection.

- f. Align and expose equipment for wafer production using photo-optical or X-ray methods, e.g., lithography equipment, including both projection image transfer equipment and step and repeat (direct step on wafer) or step and scan (scanner) equipment, capable of performing any of the following functions:

Note: X.B.I.001.b.2.f does not control photo-optical contact and proximity mask align and expose equipment or contact image transfer equipment.

1. Production of a pattern size of less than 2,5 μm ;
2. Alignment with a precision finer than $\pm 0,25 \mu\text{m}$ (3 sigma);
3. Machine-to-machine overlay no better than $\pm 0,3 \mu\text{m}$;
or
4. A light source wavelength shorter than 400 nm;

- g. Electron beam, ion beam or X-ray equipment for projection image transfer capable of producing patterns less than 2,5 μm ;

Note: For focused, deflected-beam systems (direct write systems), see X.B.I.001.b.1.j.

- h. Equipment using “lasers” for direct write on wafers capable of producing patterns less than 2,5 μm .

3. Equipment for the assembly of integrated circuits, as follows:

- a. “Stored program controlled” die bonders having all of the following characteristics:

1. Specially designed for “hybrid integrated circuits”;

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2. X-Y stage positioning travel exceeding 37,5 x 37,5 mm; and

3. Placement accuracy in the X-Y plane of finer than $\pm 10 \mu\text{m}$;

b. “Stored program controlled” equipment for producing multiple bonds in a single operation (e.g., beam lead bonders, chip carrier bonders, tape bonders);

c. Semi-automatic or automatic hot cap sealers, in which the cap is heated locally to a higher temperature than the body of the package, specially designed for ceramic microcircuit packages controlled by 3A001 ⁽⁶⁾ and that have a throughput equal to or more than one package per minute.

Note: X.B.I.001.b.3 does not control general purpose resistance type spot welders.

4. Filters for clean rooms capable of providing an air environment of 10 or less particles of 0,3 μm or smaller per 0,02832 m^3 and filter materials therefor.

Technical Note: For the purpose of X.B.I.001, “stored program controlled” is a control using instructions stored in an electronic storage that a processor can execute in order to direct the performance of predetermined functions. Equipment may be “stored program controlled” whether the electronic storage is internal or external to the equipment.

X.B.I.002 Equipment for the inspection or testing of electronic components and materials, and specially designed components and accessories therefor.

a. Equipment specially designed for the inspection or testing of electron tubes, optical elements and specially designed components therefor controlled by 3A001 ⁽⁷⁾ or X.A.I.001;

b. Equipment specially designed for the inspection or testing of semiconductor devices, integrated circuits and “electronic assemblies”, as follows, and systems incorporating or having the characteristics of such equipment:

Note: X.B.I.002.b also controls equipment used or modified for use in the inspection or testing of other devices, such as imaging devices, electro-optical devices, acoustic-wave devices.

1. “Stored program controlled” inspection equipment for the automatic detection of defects, errors or contaminants of 0,6 μm or less in or on processed wafers, substrates, other than printed circuit boards or chips, using optical image acquisition techniques for pattern comparison;

⁽⁶⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽⁷⁾ Ref. Annex I to Regulation (EU) 2021/821

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Note: X.B.I.002.b.1 does not control general purpose scanning electron microscopes, except when specially designed and instrumented for automatic pattern inspection.

2. Specially designed “stored program controlled” measuring and analysis equipment, as follows:
 - a. Specially designed for the measurement of oxygen or carbon content in semiconductor materials;
 - b. Equipment for line width measurement with a resolution of 1 μm or finer;
 - c. Specially designed flatness measurement instruments capable of measuring deviations from flatness of 10 μm or less with a resolution of 1 μm or finer.
3. “Stored program controlled” wafer probing equipment having any of the following characteristics:
 - a. Positioning accuracy finer than 3,5 μm ;
 - b. Capable of testing devices having more than 68 terminals; or
 - c. Capable of testing at a frequency exceeding 1 GHz;
4. Test equipment as follows:
 - a. “Stored program controlled” equipment specially designed for testing discrete semiconductor devices and unencapsulated dice, capable of testing at frequencies exceeding 18 GHz;

Technical Note: Discrete semiconductor devices include photocells and solar cells.

- b. “Stored program controlled” equipment specially designed for testing integrated circuits and “electronic assemblies” thereof, capable of functional testing:
 1. At a “pattern rate” exceeding 20 MHz; or
 2. At a “pattern rate” exceeding 10 MHz but not exceeding 20 MHz and capable of testing packages of more than 68 terminals.

Notes: X.B.I.002.b.4.b does not control test equipment specially designed for testing:

1. Memories;
2. Assemblies or a class of “electronic assemblies” for home and entertainment applications; and

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3. *Electronic components, “electronic assemblies” and integrated circuits not controlled by 3A001⁽⁸⁾ or X.A.I.001 provided such test equipment does not incorporate computing facilities with “user accessible programmability”.*

Technical Note: For purposes of X.B.I.002.b.4.b, “pattern rate” is defined as the maximum frequency of digital operation of a tester. It is therefore equivalent to the highest data rate that a tester can provide in non-multiplexed mode. It is also referred to as test speed, maximum digital frequency or maximum digital speed.

- c. Equipment specially designed for determining the performance of focal-plane arrays at wavelengths of more than 1 200 nm, using “stored program controlled” measurements or computer aided evaluation and having any of the following characteristics:
1. Using scanning light spot diameters of less than 0,12 mm;
 2. Designed for measuring photosensitive performance parameters and for evaluating frequency response, modulation transfer function, uniformity of responsivity or noise; or
 3. Designed for evaluating arrays capable of creating images with more than 32 x 32 line elements;
5. Electron beam test systems designed for operation at 3 keV or below, or “laser” beam systems, for non-contactive probing of powered-up semiconductor devices having any of the following:
- a. Stroboscopic capability with either beam blanking or detector strobing;
 - b. An electron spectrometer for voltage measurements with a resolution of less than 0,5 V; or
 - c. Electrical tests fixtures for performance analysis of integrated circuits;
- Note: X.B.I.002.b.5 does not control scanning electron microscopes, except when specially designed and instrumented for non-contactive probing of a powered-up semiconductor device.*
6. “Stored program controlled” multifunctional focused ion beam systems specially designed for manufacturing, repairing, physical layout analysis and testing of masks or semiconductor devices and having either of the following characteristics:
- a. Target-to-beam position feedback control precision of 1 µm or finer; or
 - b. Digital-to-analogue conversion accuracy exceeding 12 bit;

⁽⁸⁾ Ref. Annex I to Regulation (EU) 2021/821

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7. Particle measuring systems employing “lasers” designed for measuring particle size and concentration in air having both of the following characteristics:

- a. Capable of measuring particle sizes of 0,2 µm or less at a flow rate of 0,02832 m³ per minute or more; and
- b. Capable of characterizing Class 10 clean air or better.

Technical Note: For the purpose of X.B.I.002, “stored program controlled” is a control using instructions stored in an electronic storage that a processor can execute in order to direct the performance of predetermined functions. Equipment may be “stored program controlled” whether the electronic storage is internal or external to the equipment.

X.B.I.003 Equipment for the manufacture of Printed Circuit Boards (PCBs) and specially designed components and accessories therefor, as follows:

- a. Film processing equipment;
- b. Solder mask coating equipment;
- c. Photo plotter equipment;
- d. Plating or electroplating deposition equipment;
- e. Vacuum chambers and presses;
- f. Roll laminators;
- g. Alignment equipment; or
- h. Etching equipment.

X.B.I.004 Automated optical inspection equipment for testing Printed Circuit Boards (PCBs), based on optical or electrical sensors, and capable to detect any of the following quality defects:

- a. Spacing, area, volume or height;
- b. Bill boarding;
- c. Components (presence, absence, flipped, offset, polarity, or skew);
- d. Solder (bridging, insufficient solder joints);
- e. Leads (insufficient paste, lifting);
- f. Tombstoning; or
- g. Electrical (shorts, opens, resistance, capacitance, power, grid performance).

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- X.C.I.001 Positive resists designed for semiconductor lithography specially adjusted (optimised) for use at wavelengths between 370 and 193 nm.
- X.C.I.002 Chemicals and materials of the type used in the production of Printed Circuit Boards (PCBs), as follows:
- a. PCB composite substrates made of glass fibre or cotton (e.g. FR-4, FR-2, FR-6, CEM-1, G-10, etc.);
 - b. Multilayer PCB substrates, containing at least one layer of any of the following materials:
 1. Aluminium;
 2. Polytetrafluoroethylene (PTFE); or
 3. Ceramic materials (e.g. alumina, titanium oxide, etc.);
 - c. Etchant chemicals;
 1. Ferric chloride (7705-08-0);
 2. Cupric chloride (7447-39-4);
 3. Ammonium persulphate (7727-54-0);
 4. Sodium persulphate (7775-27-1); or
 5. Chemical preparations specially designed for etching and containing any of the chemicals included in X.C.I.002.c.1 to X.C.I.002.c.4.

Note: X.C.I.002.c does not control “chemical mixtures” containing one or more of the chemicals specified in entry X.C.I.002.c in which no individually specified chemical constitutes more than 10 % by the weight of the mixture.
 - d. Copper foil with a minimum purity 95 % and of a thickness less than 100 µm;
 - e. Polymeric substances and films thereof of less than 0,5 mm of thickness, as follows:
 1. Aromatic polyimides;
 2. Parylenes;
 3. Benzocyclobutenes (BCBs); or
 4. Polybenzoxazoles.
- X.D.I.001 “Software” specially designed for the “development”, “production”, or “use” of electronic devices or components controlled by X.A.I.001, general purpose electronic equipment controlled by X.A.I.002, or manufacturing and test equipment controlled by X.B.I.001 and X.B.I.002; or “software” specially designed for the “use” of equipment controlled by 3B001.g and 3B001.h ⁽⁹⁾.

⁽⁹⁾ Ref. Annex I to Regulation (EU) 2021/821

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- X.D.I.002 “Software” specially designed for the test, “development” or “production” of Printed Circuit Boards (PCBs).
- X.E.I.001 “Technology” for the “development”, “production” or “use” of electronic devices or components controlled by X.A.I.001, general purpose electronic equipment controlled by X.A.I.002, or manufacturing and test equipment controlled by X.B.I.001 or X.B.I.002, or materials controlled by X.C.I.001.
- X.E.I.002 “Technology” for the “development”, “production” or “use” of Printed Circuit Boards (PCBs).

Category II – Computers

Note: Category II does not control goods for the personal use of the natural persons.

- X.A.II.001 Computers, “electronic assemblies” and related equipment, not controlled by 4A001 or 4A003 ⁽¹⁰⁾, and specially designed components therefor.

Note: The control status of the “digital computers” and related equipment described in X.A.II.001 is determined by the control status of other equipment or systems provided:

- a. The “digital computers” or related equipment are essential for the operation of the other equipment or systems;
- b. The “digital computers” or related equipment are not a “principal element” of the other equipment or systems; and

N.B.1: The control status of “signal processing” or “image enhancement” equipment specially designed for other equipment with functions limited to those required for the other equipment is determined by the control status of the other equipment even if it exceeds the “principal element” criterion.

N.B.2: For the control status of “digital computers” or related equipment for telecommunications equipment, see Category 5, Part 1 (Telecommunications) ⁽¹¹⁾.

- c. The “technology” for the “digital computers” and related equipment is determined by 4E ⁽¹²⁾.
 - a. Electronic computers and related equipment, and “electronic assemblies” and specially designed components therefor, rated for operation at an ambient temperature above 343 K (70 °C);
 - b. “Digital computers”, including equipment of “signal processing” or “image enhancement”, having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS (WT);
 - c. “Electronic assemblies” that are specially designed or modified to enhance performance by aggregation of processors, as follows:

⁽¹⁰⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽¹¹⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽¹²⁾ Ref. Annex I to Regulation (EU) 2021/821

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1. Designed to be capable of aggregation in configurations of 16 or more processors;

2. Not used;

Note 1: X.A.II.001.c applies only to “electronic assemblies” and programmable interconnections with a “APP” not exceeding the limits in X.A.II.001.b, when shipped as unintegrated “electronic assemblies”. It does not apply to “electronic assemblies” inherently limited by nature of their design for use as related equipment controlled by X.A.II.001.k.

Note 2: X.A.II.001.c does not control any “electronic assembly” specially designed for a product or family of products whose maximum configuration does not exceed the limits of X.A.II.001.b.

d. Not used;

e. Not used;

f. Equipment for “signal processing” or “image enhancement” having an “Adjusted Peak Performance” (“APP”) equal to or greater than 0,0128 Weighted TeraFLOPS WT;

g. Not used;

h. Not used;

i. Equipment containing “terminal interface equipment” exceeding the limits in X.A.III.101;

Technical Note: For the purpose of X.A.II.001.i, “terminal interface equipment” means equipment at which information enters or leaves the telecommunication system, e.g. telephone, data device, computer, etc.

j. Equipment specially designed to provide external interconnection of “digital computers” or associated equipment that allows communications at data rates exceeding 80 Mbyte/s.

Note: X.A.II.001.j does not control internal interconnection equipment (e.g., backplanes, buses) passive interconnection equipment, “network access controllers” or “communication channel controllers”.

Technical Note: For the purpose of X.A.II.001.j, “communication channel controllers” is the physical interface which controls the flow of synchronous or asynchronous digital information. It is an assembly that can be integrated into computer or telecommunications equipment to provide communications access.

k. Hybrid computers and “electronic assemblies” and specially designed components therefor containing analogue-to-digital converters having all of the following characteristics:

1. 32 channels or more; and

2. A resolution of 14 bit (plus sign bit) or more with a conversion rate of 200 000 Hz or more.

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X.D.II.001 “Program” proof and validation “software”, “software” allowing the automatic generation of “source codes”, and operating system “software” that are specially designed for “real-time processing” equipment.

- a. “Program” proof and validation “software” using mathematical and analytical techniques and designed or modified for “programs” having more than 500 000 “source code” instructions;
- b. “Software” allowing the automatic generation of “source codes” from data acquired on line from external sensors described in the Regulation (EU) 2021/821; or
- c. Operating system “software” specially designed for “real-time processing” equipment that guarantees a “global interrupt latency time” of less than 20 µs.

Technical Note: For the purpose of X.D.II.001, “global interrupt latency time” is the time taken by the computer system to recognise an interrupt due to the event, service the interrupt and perform a context switch to an alternate memory-resident task waiting on the interrupt.

X.D.II.002 “Software” other than that controlled in 4D001⁽¹³⁾ specially designed or modified for the “development”, “production” or “use” of equipment controlled by 4A101⁽¹⁴⁾.

X.E.II.001 “Technology” for the “development”, “production” or “use” of equipment controlled by X.A.II.001, or “software” controlled by X.D.II.001 or X.D.II.002.

X.E.II.002 “Technology” for the “development” or “production” of equipment designed for “multi-data-stream processing”.

Technical Note: For the purpose of X.E.II.002, “multi-data-stream processing” is a microprogram or equipment architecture technique that permits simultaneous processing of two or more data sequences under the control of one or more instruction sequences by means such as:

1. Single Instruction Multiple Data (SIMD) architectures such as vector or array processors;
2. Multiple Single Instruction Multiple Data (MSIMD) architectures;
3. Multiple Instruction Multiple Data (MIMD) architectures, including those that are tightly coupled, closely coupled or loosely coupled; or
4. Structured arrays of processing elements, including systolic arrays.

⁽¹³⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽¹⁴⁾ Ref. Annex I to Regulation (EU) 2021/821

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Category III. Part 1 – Telecommunications

Note: Category III. Part 1 does not control goods for the personal use of the natural persons.

X.A.III.101 Telecommunication equipment.

- a. Any type of telecommunications equipment, not controlled by 5A001.a⁽¹⁵⁾, specially designed to operate outside the temperature range from 219 K (– 54 °C) to 397 K (124 °C).
- b. Telecommunication transmission equipment and systems, and specially designed components and accessories therefor, having any of the following characteristics, functions or features:

Note: Telecommunication transmission equipment:

a. Categorised as follows, or combinations thereof:

1. *Radio equipment (e.g., transmitters, receivers and transceivers);*
2. *Line terminating equipment;*
3. *Intermediate amplifier equipment;*
4. *Repeater equipment;*
5. *Regenerator equipment;*
6. *Translation encoders (transcoders);*
7. *Multiplex equipment (statistical multiplex included);*
8. *Modulators/demodulators (modems);*
9. *Transmultiplex equipment (see CCITT Rec. G701);*
10. *“Stored program controlled” digital crossconnection equipment;*
11. *“Gateways” and bridges;*
12. *“Media access units”; and*

b. Designed for use in single or multi-channel communication via any of the following:

1. *Wire (line);*
2. *Coaxial cable;*
3. *Optical fibre cable;*
4. *Electromagnetic radiation; or*
5. *Underwater acoustic wave propagation.*

1. *Employing digital techniques, including digital processing of analogue signals, and designed to operate at a “digital transfer rate” at the highest multiplex level exceeding 45 Mbit/s or a “total digital transfer rate” exceeding 90 Mbit/s;*

⁽¹⁵⁾ Ref. Annex I to Regulation (EU) 2021/821

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Note: X.A.III.101.b.1 does not control equipment specially designed to be integrated and operated in any satellite system for civil use.

2. Modems using the “bandwidth of one voice channel” with a “data signalling rate” exceeding 9 600 bits per second;
3. Being “stored program controlled” digital cross connect equipment with “digital transfer rate” exceeding 8,5 Mbit/s per port;
4. Being equipment containing any of the following:
 - a. “Network access controllers” and their related common medium having a “digital transfer rate” exceeding 33 Mbit/s; or
 - b. “Communication channel controllers” with a digital output having a “data signalling rate” exceeding 64 000 bit/s per channel;

Note: If any uncontrolled equipment contains a “network access controller”, it cannot have any type of telecommunications interface, except those described in, but not controlled by X.A.III.101.b.4.

5. Employing a “laser” and having any of the following characteristics:
 - a. A transmission wavelength exceeding 1 000 nm; or
 - b. Employing analogue techniques and having a bandwidth exceeding 45 MHz;
 - c. Employing coherent optical transmission or coherent optical detection techniques (also called optical heterodyne or homodyne techniques);
 - d. Employing wavelength division multiplexing techniques; or
 - e. Performing “optical amplification”;
6. Radio equipment operating at input or output frequencies exceeding:
 - a. 31 GHz for satellite-earth station applications; or
 - b. 26,5 GHz for other applications;

Note: X.A.III.101.b.6 does not control equipment for civil use when conforming with an International Telecommunications Union (ITU) allocated band between 26,5 GHz and 31 GHz.

7. Being radio equipment employing any of the following:
 - a. Quadrature-amplitude-modulation (QAM) techniques above level 4 if the “total digital transfer rate” exceeds 8,5 Mbit/s;

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- b. QAM techniques above level 16 if the “total digital transfer rate” is equal to or less than 8,5 Mbit/s;
- c. Other digital modulation techniques and having a “spectral efficiency” exceeding 3 bit/s/Hz; or
- d. Operating in the 1,5 MHz to 87,5 MHz band and incorporating adaptive techniques providing more than 15 dB suppression of an interfering signal.

Notes:

1. *X.A.III.101.b.7 does not control equipment specially designed to be integrated and operated in any satellite system for civil use.*
2. *X.A.III.101.b.7 does not control radio relay equipment for operation in an International Telecommunications Union (ITU) allocated band:*
 - a. *Having any of the following:*
 1. *Not exceeding 960 MHz; or*
 2. *With a “total digital transfer rate” not exceeding 8,5 Mbit/s; and*
 - b. *Having a “spectral efficiency” not exceeding 4 bit/s/Hz.*
- c. “Stored program controlled” switching equipment and related signalling systems, having any of the following characteristics, functions or features, and specially designed components and accessories therefor:

Note: *Statistical multiplexers with digital input and digital output which provide switching are treated as “stored program controlled” switches.*

1. “Data (message) switching” equipment or systems designed for “packet-mode operation”, “electronic assemblies” and components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
2. Not used;
3. Routing or switching of “datagram” packets;

Note: *X.A.III.101.c.3 does not control networks restricted to using only “network access controllers” or to “network access controllers” themselves.*

4. Not used;
5. Multi-level priority and pre-emption for circuit switching;

Note: *X.A.III.101.c.5 does not control single-level call pre-emption.*

6. Designed for automatic hand-off of cellular radio calls to other cellular switches or automatic connection to a centralised subscriber data base common to more than one switch;

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7. Containing “stored program controlled” digital cross connect equipment with “digital transfer rate” exceeding 8,5 Mbit/s per port:
8. “Common channel signalling” operating in either non-associated or quasi-associated mode of operation;
9. “Dynamic adaptive routing”;
10. Being packet switches, circuit switches and routers with ports or lines exceeding any of the following:

- a. A “data signalling rate” of 64 000 bit/s per channel for a “communications channel controller”; or

Note: X.A.III.101.c.10.a does not control multiplex composite links composed only of communication channels not individually controlled by X.A.III.101.b.1.

- b. A “digital transfer rate” of 33 Mbit/s for a “network access controller” and related common media;

Note: X.A.III.101.c.10 does not control packet switches or routers with ports or lines not exceeding the limits in X.A.III.101.c.10.

11. “Optical switching”;
12. Employing “Asynchronous Transfer Mode” (“ATM”) techniques.

- d. Optical fibres and optical fibre cables of more than 50 m in length designed for single mode operation;
- e. Centralised network control having all of the following characteristics:

1. Receives data from the nodes; and
2. Process these data in order to provide control of traffic not requiring operator decisions, and thereby performing “dynamic adaptive routing”;

Note 1: X.A.III.101.e does not include cases of routing decisions taken on predefined information.

Note 2: X.A.III.101.e does not preclude control of traffic as a function of predictable statistical traffic conditions.

- f. Phased array antennas, operating above 10,5 GHz, containing active elements and distributed components, and designed to permit electronic control of beam shaping and pointing, except for landing systems with instruments meeting International Civil Aviation Organization (ICAO) standards (microwave landing systems (MLS));

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- g. Mobile communications equipment other than those specified in the CML or in Regulation (EU) 2021/821, “electronic assemblies” and components therefor; or
- h. Radio relay communications equipment designed for use at frequencies equal to or exceeding 19,7 GHz and components therefor, other than those specified in the CML or in Regulation (EU) 2021/821.

Technical Note: For the purpose of X.A.III.101:

- 1) *“Asynchronous transfer mode” (“ATM”) is a transfer mode in which the information is organised into cells; it is asynchronous in the sense that the recurrence of cells depends on the required or instantaneous bit rate.*
- 2) *“Bandwidth of one voice channel” is data communication equipment designed to operate in one voice channel of 3 100 Hz, as defined in CCITT Recommendation G.151.*
- 3) *“Communications channel controller” is the physical interface that controls the flow of synchronous or asynchronous digital information. It is an assembly that can be integrated into computer or telecommunications equipment to provide communications access.*
- 4) *“Datagram” is a self-contained, independent entity of data carrying sufficient information to be routed from the source to the destination data terminal equipment without reliance on earlier exchanges between this source and destination data terminal equipment and the transporting network.*
- 5) *“Fast select” is a facility applicable to virtual calls that allows data terminal equipment to expand the possibility to transmit data in call set-up and clearing “packets” beyond the basic capabilities of a virtual call.*
- 6) *“Gateway” is the function, realised by any combination of equipment and “software”, to carry out the conversion of conventions for representing, processing or communicating information used on one system into the corresponding, but different conventions used in another system.*
- 7) *“Integrated Services Digital Network” (ISDN) is a unified end-to-end digital network, in which data originating from all types of communication (e.g., voice, text, data, still and moving pictures) are transmitted from one port (terminal) in the exchange (switch) over one access line to and from the subscriber.*
- 8) *“Packet” is a group of binary digits including data and call control signals that is switched as a composite whole. The data, call control signals, and possible error control information are arranged in a specified format.*

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- 9) “Common channel signalling” means the transmission of control information (signalling) via a separate channel than that used for the messages. The signalling channel usually controls multiple message channels.
- 10) “Data signalling rate” means the rate, as defined in ITU Recommendation 53-36, taking into account that, for non-binary modulation, baud and bit per second are not equal. Bits for coding, checking and synchronization functions are to be included.
- 11) “Dynamic adaptive routing” means Automatic rerouting of traffic based on sensing and analysis of current actual network conditions.
- 12) “Media access unit” means equipment that contains one or more communication interfaces (“network access controller”, “communications channel controller”, modem or computer bus) to connect terminal equipment to a network.
- 13) “Spectral efficiency” is the “digital transfer rate” [bits/s] / 6 dB spectrum bandwidth in Hz.
- 14) “Stored program controlled” is a control using instructions stored in an electronic storage that a processor can execute in order to direct the performance of predetermined functions.

Note: Equipment may be “stored program controlled” whether the electronic storage is internal or external to the equipment.

X.B.III.101 Telecommunications test equipment, other than those specified in the CML or in Regulation (EU) 2021/821.

X.C.III.101 Preforms of glass or of any other material optimised for the manufacture of optical fibres controlled by X.A.III.101.

X.D.III.101 “Software” specially designed or modified for the “development”, “production” or “use” of equipment controlled by X.A.III.101 and X.B.III.101, and dynamic adaptive routing “software” as described as follows:

a. “Software”, other than in machine-executable form, specially designed for “dynamic adaptive routing”;

b. Not used.

X.E.III.101 “Technology” for the “development”, “production” or “use” of equipment controlled by X.A.III.101 or X.B.III.101, or “software” controlled by X.D.III.101, and other “technologies” as follows:

a. Specific “technologies” as follows:

1. “Technology” for the processing and application of coatings to optical fibre specially designed to make it suitable for underwater use;

2. “Technology” for the “development” of equipment employing “Synchronous Digital Hierarchy” (“SDH”) or “Synchronous Optical Network” (“SONET”) techniques.

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Technical Note: For the purpose of X.E.III.101:

- 1) “Synchronous digital hierarchy” (SDH) is a digital hierarchy providing a means to manage, multiplex, and access various forms of digital traffic using a synchronous transmission format on different types of media. The format is based on the Synchronous Transport Module (STM) that is defined by CCITT Recommendation G.703, G.707, G.708, G.709 and others yet to be published. The first level rate of “SDH” is 155,52 Mbits/s.
- 2) “Synchronous optical network” (SONET) is a network providing a means to manage, multiplex and access various forms of digital traffic using a synchronous transmission format on fibre optics. The format is the North America version of “SDH” and also uses the Synchronous Transport Module (STM). However, it uses the Synchronous Transport Signal (STS) as the basic transport module with a first level rate of 51,81 Mbits/s. The SONET standards are being integrated into those of “SDH”.

Category III. Part 2 – Information Security

Note: Category III. Part 2 does not control goods for the personal use of the natural persons.

X.A.III.201 Equipment as follows:

- a. Not used;
- b. Not used;
- c. Goods classified as mass market encryption in accordance with Cryptography Note - Note 3 to Category 5, Part 2⁽¹⁶⁾.

X.D.III.201 “Information Security” “software” as follows:

Note: This entry does not control “software” designed or modified to protect against malicious computer damage, e.g., viruses, where the use of “cryptography” is limited to authentication, digital signature and/or the decryption of data or files.

- a. Not used;
- b. Not used;
- c. “Software” classified as mass market encryption “software” in accordance with Cryptography Note - Note 3 to Category 5, Part 2⁽¹⁷⁾.

X.E.III.201 “Information Security” “technology” according to the General Technology Note, as follows:

- a. Not used;
- b. “Technology”, other than specified in the CML or in Regulation (EU) 2021/821, for the “use” of mass market goods controlled by X.A.III.201.c or mass market “software” controlled by X.D.III.201.c.

⁽¹⁶⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽¹⁷⁾ Ref. Annex I to Regulation (EU) 2021/821

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Category IV – Sensors and Lasers

X.A.IV.001 Marine or terrestrial acoustic equipment, capable of detecting or locating underwater objects or features or positioning surface vessels or underwater vehicles; and specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821.

X.A.IV.002 Optical Sensors as follows:

a. Image intensifier tubes and specially designed components therefor, as follows:

1. Image intensifier tubes having all the following:

a. A peak response in wavelength range exceeding 400 nm, but not exceeding 1 050 nm;

b. A microchannel plate for electron image amplification with a hole pitch (centre-to-centre spacing) of less than 25 µm; and

c. Having any of the following:

1. An S-20, S-25 or multialkali photocathode; or

2. A GaAs or GaInAs photocathode;

2. Specially designed microchannel plates having both of the following characteristics:

a. 15 000 or more hollow tubes per plate; and

b. Hole pitch (centre-to-centre spacing) of less than 25 µm.

b. Direct view imaging equipment operating in the visible or infrared spectrum, incorporating image intensifier tubes having the characteristics listed in X.A.IV.002.a.1.

X.A.IV.003 Cameras as follows:

a. Cameras that meet the criteria of Note 3 to 6A003.b.4. ⁽¹⁸⁾;

b. Not used;

X.A.IV.004 Optics as follows:

Note: X.A.IV.004 does not control optical filters with fixed air gaps or Lyot-type filters.

a. Optical filters:

1. For wavelengths longer than 250 nm, comprised of multi-layer optical coatings and having either of the following:

a. Bandwidths equal to or less than 1 nm Full Width Half Intensity (FWHI) and peak transmission of 90 % or more; or

b. Bandwidths equal to or less than 0,1 nm FWHI and peak transmission of 50 % or more;

⁽¹⁸⁾ Ref. Annex I to Regulation (EU) 2021/821

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2. For wavelengths longer than 250 nm, and having all of the following:
 - a. Tunable over a spectral range of 500 nm or more;
 - b. Instantaneous optical bandpass of 1,25 nm or less;
 - c. Wavelength resettable within 0,1 ms to an accuracy of 1 nm or better within the tunable spectral range; and
 - d. A single peak transmission of 91 % or more;
3. Optical opacity switches (filters) with a field of view of 30° or wider and a response time equal to or less than 1 ns;
- b. “Fluoride fibre” cable, or optical fibres therefor, having an attenuation of less than 4 dB/km in the wavelength range exceeding 1 000 nm but not exceeding 3 000 nm;

Technical Note: For the purpose of X.A.IV.004.b “Fluoride fibres” are fibres manufactured from bulk fluoride compounds.

X.A.IV.005 “Lasers” as follows:

- a. Carbon dioxide (CO₂) “lasers” having any of the following:
 1. A CW output power exceeding 10 kW;
 2. A pulsed output with a “pulse duration” exceeding 10 µs; and
 - a. An average output power exceeding 10 kW; or
 - b. A pulsed “peak power” exceeding 100 kW; or
 3. A pulsed output with a “pulse duration” equal to or less than 10 µs; and
 - a. A pulse energy exceeding 5 J per pulse and “peak power” exceeding 2,5 kW; or
 - b. An average output power exceeding 2,5 kW;
- b. Semiconductor lasers, as follows:
 1. Individual, single-transverse mode semiconductor “lasers” having:
 - a. An average output power exceeding 100 mW; or
 - b. A wavelength exceeding 1 050 nm;
 2. Individual, multiple-transverse mode semiconductor “lasers”, or arrays of individual semiconductor “lasers”, having a wave-length exceeding 1 050 nm;
- c. Ruby “lasers” having an output energy exceeding 20 J per pulse;
- d. Non-“tunable” “pulsed lasers” having an output wavelength exceeding 975 nm but not exceeding 1 150 nm and having any of the following:
 1. A “pulse duration” equal to or exceeding 1 ns but not exceeding 1 µs, and having any of the following:

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- a. A single transverse mode output and having any of the following:
 1. A “wall-plug efficiency” exceeding 12 % and an “average output power” exceeding 10 W and capable of operating at a pulse repetition frequency greater than 1 kHz; or
 2. An “average output power” exceeding 20 W; or
- b. A multiple transverse mode output and having any of the following:
 1. A “wall-plug efficiency” exceeding 18 % and an “average output power” exceeding 30W;
 2. A “peak power” exceeding 200 MW; or
 3. An “average output power” exceeding 50 W; or
2. A “pulse duration” exceeding 1 μ s and having any of the following:
 - a. A single transverse mode output and having any of the following:
 1. A “wall-plug efficiency” exceeding 12 % and an “average output power” exceeding 10 W and capable of operating at a pulse repetition frequency greater than 1 kHz; or
 2. An “average output power” exceeding 20 W; or
 - b. A multiple transverse mode output and having any of the following:
 1. A “wall-plug efficiency” exceeding 18 % and an “average output power” exceeding 30 W; or
 2. An “average output power” exceeding 500 W;
- e. Non-“tunable” continuous wave “(CW) lasers”, having an output wavelength exceeding 975 nm but not exceeding 1 150 nm and having any of the following:
 1. A single transverse mode output and having any of the following:
 - a. A “wall-plug efficiency” exceeding 12 % and an “average output power” exceeding 10 W and capable of operating at a pulse repetition frequency greater than 1 kHz; or
 - b. An “average output power” exceeding 50 W; or
 2. A multiple transverse mode output and having any of the following:
 - a. A “wall-plug efficiency” exceeding 18 % and an “average output power” exceeding 30 W; or

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- b. An “average output power” exceeding 500 W;

Note: X.A.IV.005.e.2.b does not control multiple transverse mode, industrial “lasers” with output power less than or equal to 2 kW with a total mass greater than 1 200 kg. For the purpose of this note, total mass includes all components required to operate the “laser”, e.g., “laser”, power supply, heat exchanger, but excludes external optics for beam conditioning and/or delivery.

- f. Non-“tunable” “lasers”, having a wavelength exceeding 1 400 nm, but not exceeding 1 555 nm and having any of the following:

1. An output energy exceeding 100 mJ per pulse and a pulsed “peak power” exceeding 1 W; or
2. An average or CW output power exceeding 1 W;

- g. Free electron “lasers”.

Technical Note: For the purpose of X.A.IV.005 “Wall-plug efficiency” is defined as the ratio of “laser” output power (or “average output power”) to total electrical input power required to operate the “laser”, including the power supply/conditioning and thermal conditioning/heat exchanger.

- X.A.IV.006 “Magnetometers”, “Superconductive” electromagnetic sensors, and specially designed components therefor, as follows:

- a. “Magnetometers”, other than those specified in the CML or in Regulation (EU) 2021/821, having a “sensitivity” lower (better) than 1,0 nT (rms) per square root Hz.

Technical Note: For the purposes of X.A.IV.006.a, “sensitivity” (noise level) is the root mean square of the device-limited noise floor which is the lowest signal that can be measured.

- b. “Superconductive” electromagnetic sensors, components manufactured from “superconductive” materials:
1. Designed for operation at temperatures below the “critical temperature” of at least one of their “superconductive” constituents (including Josephson effect devices or “superconductive” quantum interference devices (SQUIDS));
 2. Designed for sensing electromagnetic field variations at frequencies of 1 kHz or less; and
 3. Having any of the following characteristics:
 - a. Incorporating thin-film SQUIDS with a minimum feature size of less than 2 µm and with associated input and output coupling circuits;
 - b. Designed to operate with a magnetic field slew rate exceeding 1×10^6 magnetic flux quanta per second;
 - c. Designed to function without magnetic shielding in the earth’s ambient magnetic field; or

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- d. Having a temperature coefficient less (smaller) than 0,1 magnetic flux quantum/K.
- X.A.IV.007 Gravity meters (gravimeters) for ground use, other than those specified in the CML or in Regulation (EU) 2021/821, as follows:
- a. Having a static accuracy of less (better) than 100 μ Gal; or
 - b. Being of the quartz element (Worden) type.
- X.A.IV.008 Radar systems, equipment and major components, other than those specified in the CML or in Regulation (EU) 2021/821, and specially designed components therefor, as follows:
- a. Airborne radar equipment, other than those specified in the CML or in Regulation (EU) 2021/821, and specially designed components therefor;
 - b. “Space-qualified” “laser” radar or Light Detection and Ranging (LIDAR) equipment specially designed for surveying or for meteorological observation;
 - c. Millimeter wave enhanced vision radar imaging systems specially designed for rotary wing aircraft and having all of the following:
 - 1. Operates at a frequency of 94 GHz;
 - 2. An average output power of less than 20 mW;
 - 3. Radar beam width of 1 degree; and
 - 4. Operating range equal to or greater than 1 500 m.
- X.A.IV.009 Specific processing equipment, as follows:
- a. Seismic detection equipment not controlled by X.A.IV.009.c;
 - b. Radiation hardened TV cameras, other than those specified in the CML or in Regulation (EU) 2021/821; or
 - c. Seismic intrusion detection systems that detect, classify and determine the bearing on the source of a detected signal.
- X.B.IV.001 Equipment, including tools, dies, fixtures or gauges, and other specially designed components and accessories therefor, specially designed or modified for any of the following:
- a. For the manufacture or inspection of:
 - 1. Free electron “laser” magnet wigglers;
 - 2. Free electron “laser” photo injectors;
 - b. For the adjustment, to required tolerances, of the longitudinal magnetic field of free electron “lasers”.

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X.C.IV.001 Optical sensing fibres that are modified structurally to have a “beat length” of less than 500 mm (high birefringence) or optical sensor materials not described in 6C002.b⁽¹⁹⁾ and having a zinc content of equal to or more than 6 % by “mole fraction.”

Technical Note: For the purpose of X.C.IV.001:

- 1) “Mole fraction” is defined as the ratio of moles of ZnTe to the sum of the moles of CdTe and ZnTe present in the crystal.
- 2) “Beat length” is the distance over which two orthogonally polarised signals, initially in phase, must pass in order to achieve a 2 Pi radian(s) phase difference.

X.C.IV.002 Optical materials, as follows:

a. Low optical absorption materials, as follows:

1. Bulk fluoride compounds containing ingredients with a purity of 99,999 % or better; or

Note: X.C.IV.002.a.1 controls fluorides of zirconium or aluminium and variants.

2. Bulk fluoride glass made from compounds controlled by 6C004.e.1⁽²⁰⁾;

b. “Optical fibre preforms” made from bulk fluoride compounds containing ingredients with a purity of 99,999 % or better, specially designed for the manufacture of “fluoride fibres” controlled by X.A.IV.004.b.

Technical Note: For the purpose of X.C.IV.002:

- 1) “Fluoride fibres” are fibres manufactured from bulk fluoride compounds.
- 2) “Optical fibre preforms” are bars, ingots, or rods of glass, plastic or other materials that have been specially processed for use in fabricating optical fibres. The characteristics of the preform determine the basic parameters of the resultant drawn optical fibres.

X.D.IV.001 “Software”, other than those specified in the CML or in Regulation (EU) 2021/821, specially designed for the “development”, “production”, or “use” of goods controlled by 6A002, 6A003⁽²¹⁾, X.A.IV.001, X.A.IV.006, X.A.IV.007, or X.A.IV.008.

X.D.IV.002 “Software” specially designed for the “development” or “production” of equipment controlled by X.A.IV.002, X.A.IV.004, or X.A.IV.005.

⁽¹⁹⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽²⁰⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽²¹⁾ Ref. Annex I to Regulation (EU) 2021/821

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X.D.IV.003 Other “software”, as follows:

- a. Air Traffic Control (ATC) “software” application “programs” hosted on general purpose computers located at Air Traffic Control centres, and capable of automatically handing over primary radar target data (if not correlated with secondary surveillance radar (SSR) data) from the host ATC centre to another ATC centre;
- b. “Software” specially designed for seismic intrusion detection systems in X.A.IV.009.c; or
- c. “Source code” specially designed for seismic intrusion detection systems in X.A.IV.009.c.

X.E.IV.001 “Technology” for the “development”, “production” or “use” of equipment controlled by X.A.IV.001, X.A.IV.006, X.A.IV.007, X.A.IV.008 or X.A.IV.009.c.

X.E.IV.002 “Technology” for the “development” or “production” of equipment, materials or “software” controlled by X.A.IV.002, X.A.IV.004, or X.A.IV.005, X.B.IV.001, X.C.IV.001, X.C.IV.002, or X.D.IV.003.

X.E.IV.003 Other “technology” as follows:

- a. Optical fabrication technologies for serially producing optical components at a rate exceeding 10 m² of surface area per year on any single spindle and having all of the following:
 1. Area exceeding 1 m²; and
 2. Surface figure exceeding $\lambda/10$ (rms) at the designed wavelength;
- b. “Technology” for optical filters with a bandwidth equal to or less than 10 nm, a field of view (FOV) exceeding 40° and a resolution exceeding 0,75 line pairs per milliradian;
- c. “Technology” for the “development” or “production” of cameras controlled by X.A.IV.003;
- d. “Technology” “required” for the “development” or “production” of non-triaxial fluxgate “magnetometers” or non-triaxial fluxgate “magnetometer” systems, having any of the following:
 1. “Sensitivity” lower (better) than 0,05 nT (rms) per square root Hz at frequencies of less than 1 Hz; or
 2. “Sensitivity” lower (better) than 1×10^{-3} nT (rms) per square root Hz at frequencies of 1 Hz or more.
- e. “Technology” “required” for the “development” or “production” of infrared up-conversion devices having all of the following:
 1. A response in the wavelength range exceeding 700 nm but not exceeding 1 500 nm; and

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2. A combination of an infrared photodetector, light emitting diode (OLED), and nanocrystal to convert infrared light into visible light.

Technical Note: For the purposes of X.E.IV.003, “sensitivity” (or noise level) is the root mean square of the device-limited noise floor which is the lowest signal that can be measured.

Category V – Navigation and Avionics

- X.A.V.001 Airborne communication equipment, all “aircraft” inertial navigation systems, and other avionic equipment, including components, other than those specified in the CML or in Regulation (EU) 2021/821.

Note 1: X.A.V.001. does not control headsets or microphones.

Note 2: X.A.V.001. does not control goods for the personal use of the natural persons.

- X.B.V.001 Other equipment specially designed for the test, inspection, or “production” of navigation and avionics equipment.

- X.D.V.001 “Software”, other than specified in the CML or in Regulation (EU) 2021/821, for the “development”, “production”, or “use” of navigation, airborne communication and other avionics.

- X.E.V.001 “Technology”, other than specified in the CML or in Regulation (EU) 2021/821, for the “development”, “production” or “use” of navigation, airborne communication, and other avionics equipment.

Category VI – Marine

- X.A.VI.001 Vessels, marine systems or equipment, and specially designed components therefor, components and accessories as follows:

- a. Underwater vision systems, as follows:

1. Television systems (comprising camera, lights, monitoring and signal transmission equipment) having a limiting resolution when measured in air of more than 500 lines and specially designed or modified for remote operation with a submersible vehicle; or

2. Underwater television cameras having a limiting resolution when measured in air of more than 700 lines;

Technical Note: Limiting resolution in television is a measure of horizontal resolution usually expressed in terms of the maximum number of lines per picture height discriminated on a test chart, using IEEE Standard 208/1960 or any equivalent standard.

- b. Photographic still cameras specially designed or modified for underwater use, having a film format of 35 mm or larger, and having autofocus or remote focusing specially designed for underwater use;

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- c. Stroboscopic light systems, specially designed or modified for underwater use, capable of a light output energy of more than 300 J per flash;
- d. Other underwater camera equipment, other than those specified in the CML or in Regulation (EU) 2021/821;
- e. Marine boilers designed to have any of the following characteristics:
 - 1. Heat release rate (at maximum rating) equal to or in excess of 1 966,4 kW/m³ of furnace volume; or
 - 2. Ratio of steam generated in kilogram per hour (at maximum rating) to the dry weight of the boiler in kilograms equal to or in excess of 37,6;
- f. Vessels (surface or underwater), including inflatable boats, and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;

Note: X.A.VI.001.f does not control vessels on temporary sojourn, used for private transport or for the transport of passengers or goods from or through the customs territory of the Union.

- g. Marine engines (both inboard and outboard) and submarine engines and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
- h. Self-contained underwater breathing apparatus (scuba gear) and accessories therefor, other than those specified in the CML or in Regulation (EU) 2021/821;
- i. Life jackets, inflation cartridges, dive compasses and dive computers;

Note: X.A.VI.001.i does not control goods for the personal use of the natural persons.

- j. Underwater lights and propulsion equipment; or

Note: X.A.VI.001.j does not control goods for the personal use of the natural persons.

- k. Air compressors and filtration system specially designed for filling air cylinders.

X.D.VI.001 “Software” specially designed or modified for the “development”, “production” or “use” of equipment controlled by X.A.VI.001.

X.D.VI.002 “Software” specially designed for the operation of unmanned submersible vehicles used in the oil and gas industry.

X.E.VI.001 “Technology” for the “development”, “production” or “use” of equipment controlled by X.A.VI.001.

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Category VII – Aerospace and Propulsion

X.A.VII.001 Diesel engines, and tractors and specially designed components therefor, other than those specified in the CML or in Regulation (EU) 2021/821:

- a. Diesel engines, other than those specified in the CML or in Regulation (EU) 2021/821, for trucks, tractors, and automotive applications, having an overall power output of 298 kW or more.
- b. Off highway wheel tractors of carriage capacity 9 tonnes or more; and major components and accessories, other than those specified in the CML or in Regulation (EU) 2021/821.
- c. Road tractors for semi-trailers, with single or tandem rear axles rated for 9 tonnes per axel or more and specially designed major components.

Note: X.A.VII.001.b and X.A.VII.001.c do not control vehicles on temporary sojourn, used for private transport or for the transport of passengers or goods from or through the customs territory of the Union.

X.A.VII.002 Gas turbine engines and components, other than those specified in the CML or in Regulation (EU) 2021/821.

- a. Not used.
- b. Not used.
- c. Aero gas turbine engines and components specially designed therefor.
- d. Not used.
- e. Pressurised aircraft breathing equipment components specially designed therefor, other than those specified in the CML or in Regulation (EU) 2021/821.

X.A.VII.003 Aircraft engines, other than those specified in X.A.VII.002, the CML or in Regulation (EU) 2021/821, as follows:

- a. Reciprocating or rotary internal combustion piston engines; or
- b. Electric engines.

Technical Note: For the purpose of X.A.VII.003 aircrafts includes: aeroplanes, UAVs, helicopters, autogyros, hybrid aircrafts or radio-controlled models.

X.B.VII.001 Vibration test equipment and specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821.

Note: X.B.VII.001. controls only equipment for the “development” or “production”. It does not control condition monitoring systems.

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X.B.VII.002 Specially designed equipment, tooling or fixtures for manufacturing or measuring gas turbine blades, vanes or tip shroud castings, as follows:

- a. Automated equipment using non-mechanical methods for measuring airfoil wall thickness;
- b. Tooling, fixtures or measuring equipment for the “laser”, water jet or ECM/EDM hole drilling processes controlled by 9E003.c ⁽²²⁾;
- c. Ceramic core leaching equipment;
- d. Ceramic core manufacturing equipment or tools;
- e. Ceramic shell wax pattern preparation equipment;
- f. Ceramic shell burn out or firing equipment.

X.D.VII.001 “Software”, other than those specified in the CML or in Regulation (EU) 2021/821, for the “development” or “production” of equipment controlled by X.A.VII.001 or X.B.VII.001.

X.D.VII.002 “Software”, for the “development” or “production” of equipment controlled by X.A.VII.002 or X.B.VII.002.

X.E.VII.001 “Technology”, other than those specified in the CML or in Regulation (EU) 2021/821, for the “development” or “production” or “use” of equipment controlled by X.A.VII.001 or X.B.VII.001.

X.E.VII.002 “Technology”, for the “development”, “production” or “use” of equipment controlled by X.A.VII.002 or X.B.VII.002.

X.E.VII.003 Other “technology”, not described by 9E003 ⁽²³⁾, as follows:

- a. Rotor blade tip clearance control systems employing active compensating casing “technology” limited to a design and development data base; or
- b. Gas bearing for turbine engine rotor assemblies.

Category VIII – Miscellaneous items

X.A.VIII.001 Equipment for oil production or oil exploration as follows:

- a. Drill head integrated measurement equipment, including inertial navigation systems for measurement while drilling (MWD);
- b. Gas monitoring systems and detectors therefor, designed for continuous operation and detection of hydrogen sulphide;
- c. Equipment for seismological measurements, including reflection seismics and seismic vibrators;
- d. Sediment echo sounders.

⁽²²⁾ Ref. Annex I to Regulation (EU) 2021/821

⁽²³⁾ Ref. Annex I to Regulation (EU) 2021/821

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X.A.VIII.002 Equipment, “electronic assemblies” and components, specially designed for quantum computers, quantum electronics, quantum sensors, quantum processing units, qubit circuits, qubit devices or quantum radar systems, including pockels cells.

Note 1: Quantum computers perform computations that harness the collective properties of quantum states, such as superposition, interference and entanglement.

Note 2: Units, circuits and devices include but are not limited to superconducting circuits, Quantum annealing, Ion Trap, photonic interaction, silicon/spin, cold atoms.

X.A.VIII.003 Microscopes, related equipment and detectors as follows:

- a. Scanning electron microscopes (SEM);
- b. Scanning auger microscopes;
- c. Transmission electron microscopes (TEM);
- d. Atomic force microscopes (AFM);
- e. Scanning force microscopes (SFM);
- f. Equipment and detectors, specially designed for use with the microscopes specified in X.A.VIII.003.a to X.A.VIII.003.e, employing any of the following material analysis techniques:
 1. X-ray photo spectroscopy (XPS);
 2. Energy-dispersive X-ray spectroscopy (EDX, EDS) or
 3. Electron spectroscopy for chemical analysis (ESCA).

X.A.VIII.004 Collector equipment for metal ores in deep seabed.

X.A.VIII.005 Manufacturing equipment and machine tools as follows:

- a. Additive manufacturing equipment for the “production” of metal parts;

Note: X.A.VIII.005.a only applies to the following systems:

1. Powder-bed systems using selective laser melting (SLM), laser cusing, direct metal laser sintering (DMLS) or electron beam melting (EBM); or
 2. Powder-fed systems using laser cladding, direct energy deposition or laser metal deposition.
- b. Additive manufacturing equipment for “energetic materials”, including equipment using ultrasonic extrusion;
 - c. Vat photopolymerization (VVP) additive manufacturing equipment using stereo lithography (SLA) or digital light processing (DLP).

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X.A.VIII.006 Equipment for the “production” of printed electronics for organic light emitting diodes (OLED), organic field-effect transistors (OFET) or organic photovoltaic cells (OPVC).

X.A.VIII.007 Equipment for the “production” of microelectromechanical systems (MEMS) using the mechanical properties of silicon, including sensors in chip format like pressure membranes, bending beams or micro adjustment devices.

X.A.VIII.008 Equipment, specially designed for the production of E-Fuels (electrofuels and synthetic fuels) or ultra efficient solar cells (efficiency > 30 %).

X.A.VIII.009 Equipment for Ultra-High-Vacuum (UHV) as follows:

a. UHV pumps (sublimation, turbomolecular, diffusion, cryogenic, ion getter);

b. UHV pressure gauges.

Note: UHV means 100 nanoPascals (nPa) or lower.

X.A.VIII.010 “Cryogenic refrigeration systems” designed to maintain temperatures below 1,1 K for 48 hrs or more and related cryogenic refrigeration equipment as follows:

a. Pulse Tubes;

b. Cryostats;

c. Dewars;

d. Gas Handling System (GHS);

e. Compressors; or

f. Control Units.

Note: “Cryogenic refrigeration systems” include but are not limited to Dilution Refrigeration, Adiabatic Demagnisation Refrigerators and Laser Cooling Systems.

X.A.VIII.011 “Decapsulation” equipment for semiconductor devices.

Note: “Decapsulation” is the removal of a cap, lid, or encapsulating material from a packaged integrated circuit by mechanical, thermal, or chemical means.

X.A.VIII.012 High Quantum Efficiency (QE) photodetectors with a QE greater than 80 % in the wavelength range exceeding 400 nm but not exceeding 1 600 nm.

X.A.VIII.013 Numerical controlled machine tools, having one or more linear axis with a travel length greater than 8 000 mm.

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X.A.VIII.014 Water cannon systems for riot or crowd control, and components specially designed therefor.

Note: X.A.VIII.014 water cannon systems include, for example: vehicles or fixed stations equipped with remotely operated water cannon that are designed to protect the operator from an outside riot with features such as armor, shatter resistant windows, metal screens, bull-bars, or run-flat tires. Components specially designed for water cannons may include, for example: deck gun water nozzles, pumps, reservoirs, cameras, and lights that are hardened or shielded against projectiles, elevating masts for those items, and teleoperation systems for those items.

X.A.VIII.015 Law enforcement striking weapons, including saps, police batons, side handle batons, tonfas, sjamboks, and whips.

X.A.VIII.016 Police helmets and shields; and specially designed components, other than those specified in the CML or in Regulation (EU) 2021/821.

X.A.VIII.017 Law enforcement restraint devices, including leg irons, shackles, and handcuffs; straight jackets; stun cuffs; shock belts; shock sleeves; multipoint restraint devices such as restraint chairs; and specially designed components and accessories, other than those specified in the CML or in Regulation (EU) 2021/821.

Note: X.A.VIII.017 applies to restraint devices used in law enforcement activities. It does not apply to medical devices that are equipped to restrain patient movement during medical procedures. It does not apply to devices that confine memory impaired patients to appropriate medical facilities. It does not apply to safety equipment such as safety belts or child automobile safety seats.

X.A.VIII.018 Oil and gas exploration equipment, “software”, and data, as follows (see List of Items Controlled):

a. Not used.

b. Hydraulic fracturing items, as follows:

1. Hydraulic fracturing design and analysis “software” and data;
2. Hydraulic fracturing “proppant”, “fracking fluid”, and chemical additives therefor; or
3. High pressure pumps.

Technical Note:

A “proppant” is a solid material, typically treated sand or man-made ceramic materials, designed to keep an induced hydraulic fracture open, during or following a fracturing treatment. It is added to a “fracking fluid” which may vary in composition depending on the type of fracturing used, and can be gel, foam or slickwater-based.

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X.A.VIII.019 Specific processing equipment, as follows (see List of Items Controlled):

- a. Ring magnets;
- b. Not used.

X.A.VIII.020 Weapons and devices designed for the purpose of riot control or self-protection, as follows:

- a. Portable electric discharge weapons that can target only one individual each time an electric shock is administered, including but not limited to electric shock batons, electric shock shields, stun guns and electric shock dart guns;
- b. Kits containing all essential components for assembly of portable electric discharge weapons controlled by item X.A.VIII.020.a; or

Note: The following goods are considered to be essential components:

1. *The unit producing an electric shock;*
 2. *The switch, whether or not on a remote control; and*
 3. *The electrodes or, where applicable, the wires through which the electrical shock is to be administered.*
- c. Fixed or mountable electric discharge weapons that cover a wide area and can target multiple individuals with electrical shocks.

X.A.VIII.021 Weapons and equipment disseminating incapacitating or irritating chemical substances for the purpose of riot control or self-protection and certain related substances, as follows:

- a. Portable weapons and equipment which either administer a dose of an incapacitating or irritating chemical substance that targets one individual or disseminate a dose of such substance affecting a small area, e.g. in the form of a spray fog or cloud, when the chemical substance is administered or disseminated;

Note 1: This item does not control equipment controlled by item ML7(e) of the CML of the European Union.

Note 2: This item does not control individual portable equipment, even if containing a chemical substance, when accompanying their user for the user's own personal protection.

Note 3: In addition to relevant chemical substances, such as riot control agents or PAVA, the goods controlled by items X.A.VIII.021.c and X.A.VIII.021.d shall be deemed to be incapacitating or irritating chemical substances.

- b. Pelargonic acid vanillylamide (PAVA) (CAS 2444-46-4);
- c. Oleoresin capsicum (OC) (CAS 8023-77-6);

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- d. Mixtures containing at least 0,3 % by weight of PAVA or OC and a solvent (such as ethanol, 1-propanol or hexane), which could be administered as such as incapacitating or irritating agents, in particular in aerosols and in liquid form, or used for manufacturing of incapacitating or irritating agents;

Note 1: This item does not control sauces and preparations therefor, soups or preparations therefor and mixed condiments or seasonings, provided that PAVA or OC is not the only constituent flavour in them.

Note 2: This item does not control medicinal products for which a marketing authorisation has been granted in accordance with Union law.

- e. Fixed equipment for the dissemination of incapacitating or irritating chemical substances, which can be attached to a wall or to a ceiling inside a building, comprises a canister of irritating or incapacitating chemical agents and is activated using a remote control system; or

Note: In addition to relevant chemical substances, such as riot control agents or PAVA, the goods controlled by items X.A.VIII.021.c and X.A.VIII.021.d shall be deemed to be incapacitating or irritating chemical substances.

- f. Fixed or mountable equipment for the dissemination of incapacitating or irritating chemical agents that covers a wide area and is not designed to be attached to a wall or to a ceiling inside a building;

Note 1: This item does not control equipment controlled by item ML7(e) of the CML of the European Union.

Note 2: In addition to relevant chemical substances, such as riot control agents or PAVA, the goods controlled by items X.A.VIII.021.c and X.A.VIII.021.d shall be deemed to be incapacitating or irritating chemical substances.

- g. Other irritating chemical substances, and mixtures thereof containing at least 0,3 % by weight of the active substance, as follows:

1. Dibenzo[b,f][1,4]oxazepine (CR) (CAS 257-07-8);
2. 8-Methyl-N-vanillyl-trans-6-nonenamide (capsaicin) (CAS 404-86-4);
3. 8-Methyl-N-vanillylnonamide (dihydrocapsaicin) (CAS 19408-84-5);
4. N-Vanillyl-9-methyldec-7-(E)-enamide (homocapsaicin) (CAS 58493-48-4);
5. N-Vanillyl-9-methyldecanamide (homodihydrocapsaicin) (CAS 20279-06-5);

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6. N-Vanillyl-7-methyloctanamide (nordihydrocapsaicin) (CAS 28789-35-7);
7. 4-Nonanolmorpholine (MPA) (CAS 5299-64-9);
8. Cis-4-acetylamino-dicyclohexylmethane (CAS 37794-87-9);
9. N,N'-Bis(isopropyl)ethylenediimine; or
10. N,N'-Bis(tert-butyl)ethylenediimine.

X.A.VIII.022 Products which could be used for the execution of human beings by means of lethal injection, as follows:

- a. Short and intermediate acting barbiturate anaesthetic agents including, but not limited to:
 1. Amobarbital (CAS 57-43-2);
 2. Amobarbital sodium salt (CAS 64-43-7);
 3. Pentobarbital (CAS 76-74-4);
 4. Pentobarbital sodium salt (CAS 57-33-0);
 5. Secobarbital (CAS 76-73-3);
 6. Secobarbital sodium salt (CAS 309-43-3);
 7. Thiopental (CAS 76-75-5); or
 8. Thiopental sodium salt (CAS 71-73-8), also known as thio-pentone sodium;
- b. Products containing one of the anaesthetic agents listed under X.A.VIII.022.a.

X.A.VIII.023 Nettings, canopies, tents, blankets and apparel, specially designed for camouflage.

X.A.VIII.024 "All-terrain vehicles".

Technical Note:

"All-terrain vehicles" means any motorised vehicle designed to travel on three or four low pressure (less than 0.9 bar gauge pressure) tires on unpaved surfaces, typically having a seat designed to be straddled by the operator and handlebars for steering control. "All-terrain vehicles" may include, for example, quad bikes, off-road vehicles, utility terrain vehicles.

X.B.VIII.001 Specific processing equipment, as follows (see List of Items Controlled):

- a. Hot cells; or
- b. Glove boxes suitable for use with radioactive materials.

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X.C.VIII.001 Metal powders and metal alloy powders, usable for any of the systems listed in X.A.VIII.005.a.

X.C.VIII.002 Advanced materials as follows:

- a. Materials for cloaking or adaptive camouflage;
- b. Metamaterials, e.g. with a negative refractive index;
- c. Not used;
- d. High entropy alloys (HEA);
- e. Heusler compounds; or
- f. Kitaev materials, including kitaev spin liquids.

X.C.VIII.003 Conjugated polymers (conductive, semiconductive, electroluminescent) for printed or organic electronics.

X.C.VIII.004 Energetic materials as follows and mixtures thereof:

- a. Ammonium picrate (CAS 131-74-8);
- b. Black powder;
- c. Hexanitrodiphenylamine (CAS 131-73-7);
- d. Difluoroamine (CAS 10405-27-3);
- e. Nitrostarch (CAS9056-38-6);
- f. Not used;
- g. Tetranitronaphthalene;
- h. Trinitroanisole;
- i. Trinitronaphthalene;
- j. Trinitroxylene;
- k. N-pyrrolidinone; 1-methyl-2-pyrrolidinone (CAS 872-50-4);
- l. Dioctylmaleate (CAS 142-16-5);
- m. Ethylhexylacrylate (CAS 103-11-7);
- n. Triethylaluminium (TEA) (CAS 97-93-8), trimethylaluminium (TMA) (CAS 75-24-1), and other pyrophoric metal alkyls and aryls of lithium, sodium, magnesium, zinc or boron;
- o. Nitrocellulose (CAS 9004-70-0);
- p. Nitroglycerin (or glyceroltrinitrate, trinitroglycerine) (NG) (CAS 55-63-0);
- q. 2,4,6-trinitrotoluene (TNT) (CAS 118-96-7);

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- r. Ethylenediaminedinitrate (EDDN) (CAS 20829-66-7);
 - s. Pentaerythritoltetranitrate (PETN) (CAS 78-11-5);
 - t. Lead azide (CAS 13424-46-9), normal lead styphnate (CAS 15245-44-0) and basic lead styphnate (CAS 12403-82-6), and primary explosives or priming compositions containing azides or azide complexes;
 - u. Not used;
 - v. Not used;
 - w. Diethyldiphenylurea (CAS 85-98-3); dimethyldiphenylurea (CAS 611-92-7); methylethyldiphenyl urea.
 - x. N,N-diphenylurea (unsymmetrical diphenylurea) (CAS 603-54-3);
 - y. Methyl-N,N-diphenylurea (methyl unsymmetrical diphenylurea) (CAS 13114-72-2);
 - z. Ethyl-N,N-diphenylurea (ethyl unsymmetrical diphenylurea) (CAS 64544-71-4);
 - aa. Not used;
 - bb. 4-Nitrodiphenylamine (4-NDPA) (CAS 836-30-6);
 - cc. 2,2-dinitropropanol (CAS 918-52-5); or
 - dd. Not used.
- X.D.VIII.001 “Software”, specially designed for the “development”, “production” or “use” of equipment specified in X.A.VIII.005 to X.A.VIII.0013.
- X.D.VIII.002 “Software”, specially designed for the “development”, “production” or “use” of equipment, “electronic assemblies” or components specified in X.A.VIII.002.
- X.D.VIII.003 “Software” for digital twins of additive manufacturing products or for the determination of the reliability of additive manufacturing products.
- X.D.VIII.004 “Software” specially designed for the “development,” “production” or “use” of commodities controlled by X.A.VIII.014.
- X.D.VIII.005 Specific “software”, as follows (see List of Items Controlled):
- a. “Software” for neutronic calculations/modeling;
 - b. “Software” for radiation transport calculations/modeling; or
 - c. “Software” for hydrodynamic calculations/modeling.

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- X.E.VIII.001 “Technology” for the “development”, “production” or “use” of equipment specified in X.A.VIII.001 to X.A.VIII.0013.
- X.E.VIII.002 “Technology” for the “development”, “production” or “use” of materials specified in X.C.VIII.002 or X.C.VIII.003
- X.E.VIII.003 “Technology” for digital twins of additive manufacturing products, for the determination of the reliability of additive manufacturing products or for “software” specified in X.D.VIII.003.
- X.E.VIII.004 “Technology” for the “development”, “production” or “use” of “software” specified in X.D.VIII.001 to X.D.VIII.002.
- X.E.VIII.005 “Technology” “required” for the “development” or “production” of commodities controlled by X.A.VIII.014.
- X.E.VIII.006 “Technology” exclusively for the “development” or “production” of equipment controlled by X.A.VIII.017.

Category IX – Special Materials and Related Equipment

- X.A.IX.001 Chemical agents, including tear gas formulation containing 1 % or less of orthochlorobenzalmalononitrile (CS), or 1 % or less of chloroacetophenone (CN), except in individual containers with a net weight of 20 g or less; liquid pepper except when packaged in individual containers with a net weight of 85,05 g or less; smoke bombs; non-irritant smoke flares, canisters, grenades and charges; and other pyrotechnic articles having dual military and commercial use, and components specially designed therefor, other than those specified in the CML or in Regulation (EU) 2021/821.
- X.A.IX.002 Fingerprinting powders, dyes, and inks.
- X.A.IX.003 Protective and detection equipment not specially designed for military use and not controlled by 1A004 or 2B351⁽²⁴⁾, as follows (see List of Items Controlled), and components not specially designed for military use and not controlled by 1A004 or 2B351 therefor:
- a. Personal radiation monitoring dosimeters; or
 - b. Equipment limited by design or function to protect against hazards specific to civil industries, such as mining, quarrying, agriculture, pharmaceuticals, medical, veterinary, environmental, waste management, or to the food industry.

Note: X.A.IX.003 does not control items for protection against chemical or biological agents that are consumer goods, packaged for retail sale or personal use, or medical products, such as latex exam gloves, latex surgical gloves, liquid disinfectant soap, disposable surgical drapes, surgical gowns, surgical foot covers, and surgical masks.

⁽²⁴⁾ Ref. Annex I to Regulation (EU) 2021/821

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- X.A.IX.004 Specific processing equipment, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):
- a. Radiation detection, monitoring and measurement equipment, other than those specified in the CML or in Regulation (EU) 2021/821; or
 - b. Radiographic detection equipment such as X-ray converters, and storage phosphor image plates.
- X.B.IX.001 Specific processing equipment, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):
- a. Electrolytic cells for fluorine production, other than those specified in the CML or in Regulation (EU) 2021/821;
 - b. Particle accelerators;
 - c. Industrial process control hardware/systems designed for power industries, other than those specified in the CML or in Regulation (EU) 2021/821;
 - d. Freon and chilled water cooling systems capable of continuous cooling duties of 29,3 kW/hr or greater; or
 - e. Equipment for the production of structural composites, fibres, prepregs and preforms.
- X.C.IX.001 Separate chemically defined compounds according to Note 1 to Chapters 28 and 29 of the Combined Nomenclature:
- a. In concentrations of 95 % weight or greater, as follows:
 1. Ethylene dichloride (CAS 107-06-2);
 2. Nitromethane (CAS 75-52-5);
 3. Picric acid (CAS 88-89-1);
 4. Aluminium chloride (CAS 7446-70-0);
 5. Arsenic (CAS 7440-38-2);
 6. Arsenic trioxide (CAS 1327-53-3);
 7. Bis(2-chloroethyl)ethylamine hydrochloride (CAS 3590-07-6);
 8. Bis(2-chloroethyl)methylamine hydrochloride (CAS 55-86-7);
 9. Tris(2-chloroethyl)amine hydrochloride (CAS 817-09-4);
 10. Tributylphosphite (CAS 102-85-2);
 11. Isocyanatomethane (CAS 624-83-9);
 12. Quinaldine (CAS 91-63-4);
 13. 2-bromochloroethane (CAS 107-04-0);

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14. Benzil (CAS 134-81-6);
 15. Diethyl ether (CAS 60-29-7);
 16. Dimethyl ether (CAS 115-10-6);
 17. Dimethylaminoethanol (CAS 108-01-0);
 18. 2-methoxyethanol (CAS 109-86-4);
 19. Butyrylcholinesterase (BCHE);
 20. Diethylenetriamine (CAS 111-40-0);
 21. Dichloromethane (CAS 75-09-2);
 22. Dimethylaniline (CAS 121-69-7);
 23. Ethyl bromide (CAS 74-96-4);
 24. Ethyl chloride (CAS 75-00-3);
 25. Ethylamine (CAS 75-04-7);
 26. Hexamine (CAS 100-97-0);
 27. Isopropanol (CAS 67- 63-0);
 28. Isopropyl bromide (CAS 75-26-3);
 29. Isopropyl ether (CAS 108-20-3);
 30. Methylamine (CAS 74-89-5);
 31. Methyl bromide (CAS 74-83-9);
 32. Monoisopropylamine (CAS 75-31-0);
 33. Obidoxime chloride (CAS 114-90-9);
 34. Potassium bromide (CAS 7758-02-3);
 35. Pyridine (CAS 110-86-1);
 36. Pyridostigmine bromide (CAS 101-26-8);
 37. Sodium bromide (CAS 7647-15-6);
 38. Sodium metal (CAS 7440-23-5);
 39. Tributylamine (CAS 102-82-9);
 40. Triethylamine (CAS 121-44-8); or
 41. Trimethylamine (CAS 75-50-3).
- b. In concentrations of 90 % weight or greater, as follows:
1. Acetone (CAS 67-64-1);
 2. Acetylene (CAS 74-86-2);
 3. Ammonia (CAS 7664-41-7);

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4. Antimony (CAS 7440-36-0);
5. Benzaldehyde (CAS 100-52-7);
6. Benzoin (CAS 119-53-9);
7. 1-Butanol (CAS 71-36-3);
8. 2-Butanol (CAS 78-92-2);
9. Iso-Butanol (CAS 78-83-1);
10. Tert-Butanol (CAS 75-65-0);
11. Calcium carbide (CAS 75-20-7);
12. Carbon monoxide (CAS 630-08-0);
13. Chlorine (CAS 7782-50-5);
14. Cyclohexanol (CAS 108-93-0);
15. Dicyclohexylamine (CAS 101-83-7);
16. Ethanol (CAS 64-17-5);
17. Ethylene (CAS 74-85-1);
18. Ethylene oxide (CAS 75-21-8);
19. Fluoroapatite (CAS 1306-05-4);
20. Hydrogen chloride (CAS 7647-01-0);
21. Hydrogen sulfide (CAS 7783-06-4);
22. Mandelic acid (CAS 90-64-2);
23. Methanol (CAS 67-56-1);
24. Methyl chloride (CAS 74-87-3);
25. Methyl iodide (CAS 74-88-4);
26. Methyl mercaptan (CAS 74-93-1);
27. Monoethyleneglycol (CAS 107-21-1);
28. Oxalyl chloride (CAS 79-37-8);
29. Potassium sulphide (CAS 1312-73-8);
30. Potassium thiocyanate (CAS 333-20-0);
31. Sodium hypochlorite (CAS 7681-52-9);
32. Sulphur (CAS 7704-34-9);
33. Sulphur dioxide (CAS 7446-09-5);
34. Sulphur trioxide (CAS 7446-11-9);

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35. Thiophosphoryl chloride (CAS 3982-91-0);
36. Tri-isobutyl phosphite (CAS 1606-96-8);
37. White phosphorus (CAS 12185-10-3);
38. Yellow phosphorus (CAS 7723-14-0);
39. Mercury (CAS 7439-97-6);
40. Barium chloride (CAS 10361-37-2);
41. Sulphuric acid (CAS 7664-93-9);
42. 3,3-dimethyl-1-butene (CAS 558-37-2);
43. 2,2-dimethylpropanal (CAS 630-19-3);
44. 2,2-dimethylpropylchloride (CAS 753-89-9);
45. 2-methylbutene (CAS 26760-64-5);
46. 2-chloro-3-methylbutane (CAS 631-65-2);
47. 2,3-dimethyl-2,3-butanediol (CAS 76-09-5);
48. 2-methyl-2-butene (CAS 513-35-9);
49. Butyl lithium (CAS 109-72-8);
50. Bromo(methyl)magnesium (CAS 75-16-1);
51. Formaldehyde (CAS 50-00-0);
52. Diethanolamine (CAS 111-42-2);
53. Dimethylcarbonate (CAS 616-38-6);
54. Methyldiethanolamine hydrochloride (CAS 54060-15-0);
55. Diethylamine hydrochloride (CAS 660-68-4);
56. Diisopropylamine hydrochloride (CAS 819-79-4);
57. 3-Quinuclidinone hydrochloride (CAS 1193-65-3);
58. 3-Quinuclidinol hydrochloride (CAS 6238-13-7);
59. (R)-3- Quinuclidinol hydrochloride (CAS 42437-96-7);
60. N,N-Diethylaminoethanol hydrochloride (CAS 14426-20-1);
61. Dialkyl(\leq C10) chlorophosphates;
62. Dialkyl(\leq C10) fluorophosphates;
63. N,N-Methylisopropylacetamide (CAS 1339185-57-7);
64. N,N-Methylethylacetamide (CAS 1339632-40-4);

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65. N,N-Ethylisopropylacetamide (CAS 1339156-10-3);
66. N,N-Methylpropylacetamide (CAS 1344238-28-3);
67. N,N-Ethylpropylacetamide (CAS 1339737-43-7);
68. N,N-Isopropylpropylacetamide (CAS 1341389-98-7);
69. N,N-Methylethylpropanamide (CAS 1339424-26-8);
70. N,N-Ethylisopropylpropanamide (CAS 1344354-09-1);
71. N,N-Methylpropylpropanamide (CAS 1340216-25-2);
72. N,N-Ethylpropylpropanamide (CAS 1341493-60-4);
73. N,N-Isopropylpropylpropanamide (CAS 1343225-93-3);
74. N,N-Methylisopropylpropanamide (CAS 1339042-55-5);
75. N,N-Methylethylbutanamide (CAS 1341049-51-1);
76. N,N-Methylpropylbutanamide (CAS 1343721-02-7);
77. N,N-Ethylpropylbutanamide (CAS 1343806-12-1);
78. N,N-Isopropylpropylbutanamide (CAS 1343316-02-8);
79. N,N-Methylisopropylbutanamide (CAS 1340219-94-4);
80. N,N-Ethylisopropylbutanamide (CAS 1342204-10-7);
81. N,N-Methylethylisobutanamide (CAS 1342365-47-2);
82. N,N-Ethylpropylisobutanamide (CAS 1342566-58-8);
83. N,N-Methylpropylisobutanamide (CAS 1342270-21-6);
84. N,N-Isopropylpropylisobutanamide (CAS 1342156-11-9);
85. N,N-Methylisopropylisobutanamide (CAS 1341992-96-8);
86. N,N-Ethylisopropylisobutanamide (CAS 1339048-76-8);
87. N,N-Dimethylacetamide hydrobromide (CAS 1801188-12-4);
88. N,N-Dimethylacetamide hydrochloride (CAS 2909-15-1);
89. N,N-Diethylacetamide hydrochloride (CAS 91400-32-7);
90. N,N-Diethylacetamide hydrobromide (CAS 78053-54-0);
91. N,N-Dimethylpropanamide dihydrochloride (CAS 79972-73-9); or
92. N,N-Dimethylpropanamide hydrochloride (CAS 56776-15-9).

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X.C.IX.002 Fentanyl and its derivatives Alfentanil, Sufentanil, Remifentanil, Carfentanil, and salts thereof.

Note: X.C.IX.002 does not control products identified as consumer goods packaged for retail sale for personal use or packaged for individual use.

X.C.IX.003 Chemical precursors to Central Nervous System Acting Chemicals, as follows:

a. 4-anilino-N-phenethylpiperidine (CAS 21409-26-7); or

b. N-phenethyl-4-piperidone (CAS 39742-60-4).

Notes:

1. X.C.IX.003 does not control “chemical mixtures” containing one or more of the chemicals specified in entry X.C.IX.003 in which no individually specified chemical constitutes more than 1 % by the weight of the mixture.

2. X.C.IX.003 does not control products identified as consumer goods packaged for retail sale for personal use or packaged for individual use.

X.C.IX.004 Fibrous and filamentary materials, not controlled by 1C010 or 1C210 ⁽²⁵⁾, for use in “composite” structures and with a specific modulus of $3,18 \times 10^6$ m or greater and a specific tensile strength of $7,62 \times 10^4$ m or greater.

X.C.IX.005 “Vaccines”, “immunotoxins”, “medical products”, “diagnostic and food testing kits”, as follows (see List of Items controlled):

a. “Vaccines” containing, or designed for use against, items controlled by 1C351, 1C353 or 1C354;

b. “Immunotoxins” containing items controlled by 1C351.d; or

c. “Medical products” that contain any of the following:

1. “Toxins” controlled by 1C351.d (except for botulinum toxins controlled by 1C351.d.1, conotoxins controlled by 1C351.d.3, or items controlled for CW reasons under 1C351.d.4 or .d.5); or

2. Genetically modified organisms or genetic elements controlled by 1C353.a.3 (except for those that contain, or code for, botulinum toxins controlled by 1C351.d.1 or conotoxins controlled by 1C351.d.3);

d. “Medical products” not controlled by X.C.IX.005.c that contain any of the following:

1. Botulinum toxins controlled by 1C351.d.1;

2. Conotoxins controlled by 1C351.d.3; or

⁽²⁵⁾ Ref. Annex I to Regulation (EU) 2021/821

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3. Genetically modified organisms or genetic elements controlled by 1C353.a.3 that contain, or code for, botulinum toxins controlled by 1C351.d.1 or conotoxins controlled by 1C351.d.3; or
- e. “Diagnostic and food testing kits” containing items controlled by 1C351.d (except for items controlled for CW reasons under 1C351.d.4 or .d.5).

Technical Notes:

1. “Medical products” are: (1) pharmaceutical formulations designed for testing and human (or veterinary) administration in the treatment of medical conditions, (2) prepackaged for distribution as clinical or medical products, and (3) approved by the European Medicines Agency (EMA) either to be marketed as clinical or medical products or for use as research new drug.
2. “Diagnostic and food testing kits” are specifically developed, packaged and marketed for diagnostic or public health purposes. Biological toxins in any other configuration, including bulk shipments, or for any other end-uses are controlled by 1C351.

X.C.IX.006 Commercial charges and devices containing energetic materials, other than those specified in the CML or in Regulation (EU) 2021/821, and nitrogen trifluoride in a gaseous state (see List of Items Controlled):

- a. Shaped charges specially designed for oil well operations, utilizing one charge functioning along a single axis, that upon detonation produce a hole, and
 1. Contain any formulation of “controlled materials”;
 2. Have only a uniform shaped conical liner with an included angle of 90 degrees or less;
 3. Contain more than 0,010 kg but less than or equal to 0,090 kg of “controlled materials”; and
 4. Have a diameter not exceeding 114,3 cm;
- b. Shaped charges specially designed for oil well operations containing less than or equal to 0,010 kg of “controlled materials”;
- c. Detonation cord or shock tubes containing less than or equal to 0,064 kg/m of “controlled materials”;
- d. Cartridge power devices, that contain less than or equal to 0,70 kg of “controlled materials” in the deflagration material;
- e. Detonators (electric or nonelectric) and assemblies thereof, that contain less than or equal to 0,01 kg of “controlled materials”;
- f. Igniters, that contain less than or equal to 0,01 kg of “controlled materials”;

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- g. Oil well cartridges, that contain less than or equal to 0,015 kg of controlled “energetic materials”;
- h. Commercial cast or pressed boosters containing less than or equal to 1,0 kg of “controlled materials”;
- i. Commercial prefabricated slurries and emulsions containing less than or equal to 10,0 kg and less than or equal to 35 % by weight of ML8 “controlled materials”;
- j. Cutters and severing tools containing less than or equal to 3,5 kg of “controlled materials”;
- k. Pyrotechnic devices when designed exclusively for commercial purposes (e.g., theatrical stages, motion picture special effects, and fireworks displays) and containing less than or equal to 3,0 kg of “controlled materials”;
- l. Other commercial explosive devices and charges not controlled by X.C.IX.006.a through .k containing less than or equal to 1,0 kg of “controlled materials”; or

Note: X.C.IX.006.l includes automotive safety devices; extinguishing systems; cartridges for riveting guns; explosive charges for agricultural, oil and gas operations, sporting goods, commercial mining, or public works purposes; and delay tubes used in the assembly of commercial explosive devices.

- m. Nitrogen trifluoride (NF₃) in a gaseous state.

Notes:

1. “Controlled materials” means controlled energetic materials (see 1C011, 1C111, 1C239 or ML8).
2. Nitrogen trifluoride when not in a gaseous state is controlled under ML8.d by the CML.

X.C.IX.007 Mixtures not controlled by 1C350 or 1C450 ⁽²⁶⁾ that contain chemicals controlled by 1C350 or 1C450 and medical, analytical, diagnostic, and food testing kits not controlled by 1C350 or 1C450 that contain chemicals controlled by 1C350, as follows (see List of Items Controlled):

- a. Mixtures containing the following concentrations of precursor chemicals controlled by 1C350:
 1. Mixtures containing 10 % or less, by weight, of any single CWC Schedule 2 chemical controlled by 1C350;
 2. Mixtures containing less than 30 %, by weight, of:
 - a. Any single CWC Schedule 3 chemical controlled by 1C350; or
 - b. Any single non-CWC precursor chemical controlled by 1C350;

⁽²⁶⁾ Ref. Annex I to Regulation (EU) 2021/821

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- b. Mixtures containing the following concentrations of toxic or precursor chemicals controlled by 1C450:
 - 1. Mixtures containing the following concentrations of CWC Schedule 2 chemicals controlled by 1C450:
 - a. Mixtures containing 1 % or less, by weight, of any single CWC Schedule 2 chemical controlled by 1C450.a.1 and a.2 (i.e., mixtures containing Amiton or PFIB); or
 - b. Mixtures containing 10 % or less, by weight, of any single CWC Schedule 2 chemical controlled by 1C450.b.1, b.2, b.3, b.4, b.5, or b.6;
 - 2. Mixtures containing less than 30 %, by weight, of any single CWC Schedule 3 chemical controlled by 1C450.a.4, a.5., a.6., a.7, or 1C450.b.8;
- c. “Medical, analytical, diagnostic, and food testing kits” that contain precursor chemicals controlled by 1C350 in an amount not exceeding 300 grams per chemical.

Technical Note:

For the purpose of this entry, “medical, analytical, diagnostic, and food testing kits” are pre-packaged materials of defined composition that are specifically developed, packaged and marketed for medical, analytical, diagnostic, or public health purposes. Replacement reagents for medical, analytical, diagnostic, and food testing kits described in X.C.IX.007.c are controlled by 1C350 if the reagents contain at least one of the precursor chemicals identified in that entry in concentrations equal to or greater than the control levels for mixtures indicated in 1C350.

- X.C.IX.008 Non-fluorinated polymeric substances, not controlled by 1C008 ⁽²⁷⁾, as follows (see List of Items Controlled):
 - a. Polyarylene ether ketones, as follows:
 - 1. Polyether ether ketone (PEEK);
 - 2. Polyether ketone ketone (PEKK);
 - 3. Polyether ketone (PEK); or
 - 4. Polyether ketone ether ketone ketone (PEKEKK);
 - b. Not used.
- X.C.IX.009 Specific materials, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):
 - a. Hardened steel and tungsten carbide precision ball bearings (3 mm or greater diameter);
 - b. 304 and 316 stainless steel plate, other than those specified in the CML or in Regulation (EU) 2021/821;

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- c. Monel plate;
 - d. Tributyl phosphate (CAS 126-73-8);
 - e. Nitric acid (CAS 7697-37-2) in concentrations of 20 % weight or greater;
 - f. Fluorine (CAS 7782-41-4); or
 - g. Alpha-emitting radionuclides, other than those specified in the CML or in Regulation (EU) 2021/821.
- X.C.IX.010 Aromatic polyamides (aramids) not controlled by 1C010, 1C210 or X.C.IX.004, presented in any of the following forms (see List of Items Controlled):
- a. Primary forms;
 - b. Filament yarn or monofilaments;
 - c. Filament tows;
 - d. Rovings;
 - e. Staple or chopped fibres;
 - f. Fabrics;
 - g. Pulp or flocks.
- X.C.IX.011 Nanomaterials as follows (see List of Items Controlled):
- a. Semiconductor nanomaterials;
 - b. Composite-based nanomaterials; or
 - c. Any of the following carbon-based nanomaterials:
 - 1. Carbon nanotubes;
 - 2. Carbon nanofibres;
 - 3. Fullerenes;
 - 4. Graphenes; or
 - 5. Carbon onions.

Notes: For the purpose of X.C.IX.011, nanomaterial means a material that meets at least one of the following criteria:

1. *Consists of particles, with one or more external dimensions in the size range 1 - 100 nm for more than 1 % of their number size distribution;*
2. *Has internal or surface structures in one or more dimensions in the size range 1 - 100 nm; or*
3. *Has a specific surface area by volume greater than 60 m²/cm³, excluding materials consisting of particles with a size lower than 1 nm.*

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X.C.IX.012 Rare-earth metals and compounds, either in organic or inorganic form, including mixtures whether or not intermixed or interalloyed.

Note 1: Rare-earth metals and compounds include Scandium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium and Lutetium;

Note 2: For the purpose of the control X.C.IX.012 minerals containing rare-earth metals are excluded;

Note 3: X.C.IX.012 does not control mixtures in which no individually metal or compound specified in this entry constitutes more than 5 % by the weight of the mixture.

X.C.IX.013 Tungsten, tungsten carbide and alloys, not controlled by 1C117 or 1C226 ⁽²⁸⁾, containing more than 90 % tungsten by weight.

Note 1: For the purpose of the control X.C.IX.013, wire is excluded.

Note 2: For the purpose of the control X.C.IX.013, surgical or medical instruments are excluded.

X.C.IX.014 Lithium and lithium compounds, as follows:

- a. Lithium (CAS 7439-93-2);
- b. Lithium carbonate (CAS 554-13-2);
- c. Lithium hydroxide (CAS 1310-65-2 and CAS 1310-66-3);
- d. Lithium oxide (CAS 12057-24-8);
- e. Lithium cobalt oxide (CAS 12190-79-3);
- f. Lithium iron phosphate (CAS 15365-14-7);
- g. Lithium manganese oxide (CAS 12057-17-9);
- h. Lithium nickel manganese cobalt oxide (CAS 346417-97-8); or
- i. Lithium titanate (CAS 12031-82-2).

X.C.IX.015 Ultra-High-Molecular-Weight Polyethylene (UHMWPE), not controlled by 1C010 or 1C210 ⁽²⁹⁾, presented in any of the following forms:

- a. Primary forms;
- b. Filament yarn or monofilaments;
- c. Filament tows;
- d. Rovings;
- e. Staple or chopped fibres;
- f. Fabrics;
- g. Pulp or flocks.

⁽²⁸⁾ Ref. Annex I to Regulation (EU) 2021/821

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X.D.IX.001 Specific “software”, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):

- a. “Software” specially designed for industrial process control hardware/systems controlled by X.B.IX.001, other than those specified in the CML or in Regulation (EU) 2021/821; or
- b. “Software” specially designed for equipment for the production of structural composites, fibres, prepregs and preforms controlled by X.B.IX.001, other than those specified in the CML or in Regulation (EU) 2021/821.

X.E.IX.001 “Technology” for the “development”, “production”, or “use” of fibrous and filamentary materials controlled by X.C.IX.004 and X.C.IX.010.

X.E.IX.002 “Technology” for the “development”, “production”, or “use” of nanomaterials controlled by X.C.IX.011.

Category X – Materials Processing

X.A.X.001 Explosives or detonator detection equipment, both bulk and trace based, consisting of an automated device, or combination of devices for automated decision making to detect the presence of different types of explosives, explosive residue, or detonators; and components, other than those specified in the CML or in Regulation (EU) 2021/821:

- a. Explosives detection equipment for “automated decision making” to detect and identify bulk explosives utilizing, but not limited to, X-ray (e.g., computed tomography, dual energy, or coherent scattering), nuclear (e.g., thermal neutron analysis, pulse fast neutron analysis, pulse fast neutron transmission spectroscopy, and gamma resonance absorption), or electromagnetic techniques (e.g., quadropole resonance and dielectrometry);
- b. Not used;
- c. Detonator detection equipment for automated decision making to detect and identify initiation devices (e.g. detonators, blasting caps) utilizing, but not limited to, X-ray (e.g. dual energy or computed tomography) or electromagnetic techniques.

Note: Explosives or detonation detection equipment in X.A.X.001 includes equipment for screening people, documents, baggage, other personal effects, cargo and/or mail.

Technical Notes:

1. “Automated decision making” is the ability of the equipment to detect explosives or detonators at the design or operator-selected level of sensitivity and provide an automated alarm when explosives or detonators at or above the sensitivity level are detected.

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2. *This entry does not control equipment that depends on operator interpretation of indicators such as inorganic/organic color mapping of the items(s) being scanned.*
3. *Explosives and detonators include commercial charges and devices controlled by X.C.VIII.004 and X.C.IX.006 and energetic materials controlled by 1C011, 1C111 and 1C239⁽³⁰⁾.*

X.A.X.002 Concealed object detection equipment operating in the frequency range from 30 GHz to 3 000 GHz and having a spatial resolution of 0,1 mrad (milliradian) up to and including 1 mrad (milliradian) at a standoff distance of 100 m; and components, other than those specified in the CML or in Regulation (EU) 2021/821.

Note: Concealed object detection equipment includes but is not limited to equipment for screening people, documents, baggage, other personal effects, cargo and/or mail.

Technical Note:

The range of frequencies span what is generally considered as the millimetre-wave, submillimetre-wave and terahertz frequency regions.

X.A.X.003 Bearings and bearing systems not controlled by 2A001 (see List of Items Controlled):

- a. Ball bearings or Solid ball bearings, having tolerances specified by the manufacturer in accordance with ABEC 7, ABEC 7P, or ABEC 7T or ISO Standard Class 4 or better (or equivalents) and having any of the following characteristics;
 1. Manufactured for use at operating temperatures above 573 K (300 °C) either by using special materials or by special heat treatment; or
 2. With lubricating elements or component modifications that, according to the manufacturer's specifications, are specially designed to enable the bearings to operate at speeds exceeding 2,3 million "DN";
- b. Solid tapered roller bearings, having tolerances specified by the manufacturer in accordance with ANSI/AFBMA Class 00 (inch) or Class A (metric) or better (or equivalents) and having either of the following characteristics:
 1. With lubricating elements or component modifications that, according to the manufacturer's specifications, are specially designed to enable the bearings to operate at speeds exceeding 2,3 million "DN"; or
 2. Manufactured for use at operating temperatures below 219 K (– 54 °C) or above 423 K (150 °C);
- c. Gas-lubricated foil bearing manufactured for use at operating temperatures of 561 K (288 °C) or higher and a unit load capacity exceeding 1 MPa;
- d. Active magnetic bearing systems;

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- e. Fabric-lined self-aligning or fabric-lined journal sliding bearings manufactured for use at operating temperatures below 219 K (–54 °C) or above 423 K (150 °C).

Technical Notes:

1. “DN” is the product of the bearing bore diameter in mm and the bearing rotational velocity in rpm.
2. Operating temperatures include those temperatures obtained when a gas turbine engine has stopped after operation.

X.A.X.004 Piping, fittings and valves made of, or lined with stainless, copper-nickel alloy or other alloy steel containing 10 % or more nickel and/or chromium:

- a. Pressure tube, pipe, and fittings of 200 mm or more inside diameter, and suitable for operation at pressures of 3,4 MPa or greater;
- b. Pipe valves having all of the following characteristics that are not controlled by 2B350.g ⁽³¹⁾:
 1. A pipe size connection of 200 mm or more inside diameter; and
 2. Rated at 10,3 MPa or more.

Notes:

1. See X.D.X.005 for “software” for items controlled under this entry.
2. See 2E001 (“development”), 2E002 (“production”), and X.E.X.003 (“use”) for technology for items controlled under this entry.
3. See related controls 2A226, 2B350 and X.B.X.010.

X.A.X.005 Pumps designed to move molten metals by electromagnetic forces.

Notes:

1. See X.D.X.005 for “software” for items controlled under this entry.
2. See 2E001 (“development”), 2E002 (“production”), and X.E.X.003 (“use”) for “technology” for items controlled under this entry.
3. Pumps for use in liquid-metal-cooled reactors are controlled by 0A001.

X.A.X.006 “Portable electric generators” and specially designed components.

Technical Note:

“Portable electric generators” - The generators that are in X.A.X.006 are portable - 2 268 kg or less on wheels or transportable in a 2,5 tonnes truck without a special set up requirement.

⁽³¹⁾ Ref. Annex I to Regulation (EU) 2021/821

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X.A.X.007 Specific processing equipment, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):

- a. Bellows sealed valves;
- b. Not used.

X.B.X.001 “Continuous flow reactors” and their “modular components”.

Technical Notes:

1. For the purposes of X.B.X.001, “continuous flow reactors” consist in plug and play systems where reactants are continuously fed into the reactor and the resultant product is collected at the outlet.

2. For purposes of X.B.X.001, “modular components” are fluidic modules, liquid pumps, valves, packed-bed modules, mixer modules, pressure gauges, liquid-liquid separators, etc.

X.B.X.002 Nucleic acid assemblers and synthesizers not controlled by 2B352.i, which are partly or entirely automated, and designed to generate nucleic acids greater than 50 bases.

X.B.X.003 Automated peptide synthesizers capable to work under controlled atmosphere conditions.

X.B.X.004 Numerical control units for machine tools and “numerically controlled” machine tools, other than those specified in the CML or in Regulation (EU) 2021/821 (see List of Items Controlled):

- a. “Numerical control” units for machine tools:
 1. Having four interpolating axes that can be coordinated simultaneously for contouring control; or
 2. Having two or more axes that can be coordinated simultaneously for contouring control and a minimum programmable increment better (less) than 0,001 mm;
 3. “Numerical control” units for machine tools having two, three or four interpolating axes that can be coordinated simultaneously for contouring control, and capable of receiving directly (on-line) and processing computer-aided-design (CAD) data for internal preparation of machine instructions; or
- b. Motion control boards specially designed for machine tools and having any of the following characteristics:
 1. Interpolation in more than four axes;
 2. Capable of real-time processing of data to modify tool path, feed rate and spindle data, during the machining operation, by any of the following:
 - a. Automatic calculation and modification of part program data for machining in two or more axes by means of measuring cycles and access to source data; or

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- b. Adaptive control with more than one physical variable measured and processed by means of a computing model (strategy) to change one or more machining instructions to optimize the process; or
- 3. Capable of receiving and processing CAD data for internal preparation of machine instructions;
- c. “Numerically controlled” machine tools that, according to the manufacturer’s technical specifications, can be equipped with electronic devices for simultaneous contouring control in two or more axes and that have both of the following characteristics:
 - 1. Two or more axes that can be coordinated simultaneously for contouring control; and
 - 2. Positioning accuracies according to ISO 230/2 (2006), with all compensations available:
 - a. Better than 15 µm along any linear axis (overall positioning) for grinding machines;
 - b. Better than 15 µm along any linear axis (overall positioning) for milling machines; or
 - c. Better than 15 µm along any linear axis (overall positioning) for turning machines; or
- d. Machine tools, as follows, for removing or cutting metals, ceramics or composites, that, according to the manufacturer’s technical specifications, can be equipped with electronic devices for simultaneous contouring control in two or more axes:
 - 1. Machine tools for turning, grinding, milling or any combination thereof, having two or more axes that can be coordinated simultaneously for contouring control and having any of the following characteristics:
 - a. One or more contouring “tilting spindles”;

Note: X.B.X.004.d.1.a. applies to machine tools for grinding or milling only.

 - b. “Camming” (axial displacement) in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);

Note: X.B.X.004.d.1.b. applies to machine tools for turning only.

 - c. “Run-out” (out-of-true running) in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR); or
 - d. The positioning accuracies, with all compensations available, are less (better) than: 0,001° on any rotary axis;
- 2. Electrical discharge machines (EDM) of the wire feed type that have five or more axes that can be coordinated simultaneously for contouring control.

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X.B.X.005 Non-“numerically controlled” machine tools for generating optical quality surfaces, (see List of Items Controlled) and specially designed components therefor:

- a. Turning machines using a single point cutting tool and having all of the following characteristics:
1. Slide positioning accuracy less (better) than 0,0005 mm per 300 mm of travel;
 2. Bidirectional slide positioning repeatability less (better) than 0,00025 mm per 300 mm of travel;
 3. Spindle “run-out” and “camming” less (better) than 0,0004 mm total indicator reading (TIR);
 4. Angular deviation of the slide movement (yaw, pitch and roll) less (better) than 2 seconds of arc, TIR, over full travel; and
 5. Slide perpendicularity less (better) than 0,001 mm per 300 mm of travel;

Technical Note:

The bidirectional slide positioning repeatability (R) of an axis is the maximum value of the repeatability of positioning at any position along or around the axis determined using the procedure and under the conditions specified in part 2.11 of ISO 230/2: 1988.

- b. Fly cutting machines having all of the following characteristics:
1. Spindle “run-out” and “camming” less (better) than 0,0004 mm TIR; and
 2. Angular deviation of slide movement (yaw, pitch and roll) less (better) than 2 seconds of arc, TIR, over full travel.

X.B.X.006 Gearmaking and/or finishing machinery not controlled by 2B003 capable of producing gears to a quality level of better than AGMA 11.

X.B.X.007 Dimensional inspection or measuring systems or equipment not controlled by 2B006 or 2B206, as follows (see List of Items Controlled):

- a. Manual dimensional inspection machines, having both of the following characteristics:
1. Two or more axes; and
 2. A measurement uncertainty equal to or less (better) than $(3 + L/300) \mu\text{m}$ in any axes (L measured length in mm).

X.B.X.008 “Robots” not controlled by 2B007 or 2B207 that are capable of employing feedback information in real-time processing from one or more sensors to generate or modify programs or to generate or modify numerical program data.

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X.B.X.009 Assemblies, circuit boards or inserts specially designed for machine tools controlled by X.B.X.004, or for equipment controlled by X.B.X.006, X.B.X.007 or X.B.X.008:

- a. Spindle assemblies, consisting of spindles and bearings as a minimal assembly, with radial (“run-out”) or axial (“camming”) axis motion in one revolution of the spindle less (better) than 0,0006 mm total indicator reading (TIR);
- b. Single point diamond cutting tool inserts, having all of the following characteristics:
 1. Flawless and chip-free cutting edge when magnified 400 times in any direction;
 2. Cutting radius from 0,1 to 5 mm inclusive; and
 3. Cutting radius out-of-roundness less (better) than 0,002 mm TIR.
- c. Specially designed printed circuit boards with mounted components capable of upgrading, according to the manufacturer’s specifications, “numerical control” units, machine tools or feed-back devices to or above the levels specified in X.B.X.004, X.B.X.006, X.B.X.007, X.B.X.008, or X.B.X.009.

Technical Note:

This entry does not control measuring interferometer systems, without closed or open loop feedback, containing a laser to measure slide movement errors of machine- tools, dimensional inspection machines or similar equipment.

X.B.X.010 Specific processing equipment, other than those specified in the CML or in Regulation (EU) 2021/821, as follows (see List of Items Controlled):

- a. Isostatic presses, other than those specified in the CML or in Regulation (EU) 2021/821;
- b. Bellows manufacturing equipment, including hydraulic forming equipment and bellows forming dies;
- c. Laser welding machines;
- d. MIG welders;
- e. E-beam welders;
- f. Monel equipment, including valves, piping, tanks and vessels;
- g. 304 and 316 stainless steel valves, piping, tanks and vessels;

Note: Fittings are considered part of piping for purposes of X.B.X.010.g.

- h. Mining and drilling equipment, as follows:
 1. Large boring equipment capable of drilling holes greater than 61 cm in diameter;

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2. Large earth-moving equipment used in the mining industry;
- i. Electroplating equipment designed for coating parts with nickel or aluminium;
- j. Pumps designed for industrial service and for use with an electrical motor of 5 HP or greater;
- k. Vacuum valves, piping, flanges, gaskets and related equipment specially designed for use in high-vacuum service, other than those specified in the CML or in Regulation (EU) 2021/821;
- l. Spin forming and flow forming machines, other than those specified in the CML or in Regulation (EU) 2021/821;
- m. Centrifugal multiplane balancing machines, other than those specified in the CML or in Regulation (EU) 2021/821; or
- n. Austenitic stainless steel plate, valves, piping, tanks and vessels.
- X.B.X.011 Floor-mounted fume hoods (walk-in style) with a minimum nominal width of 2,5 metres.
- X.B.X.012 Class II biosafety cabinets and glove boxes.
- X.B.X.013 Batch centrifuges with a rotor capacity of 4 litres or greater, usable with biological materials.
- X.B.X.014 Fermenters with an internal volume of 10–20 litres, usable with biological materials.
- X.B.X.015 Reaction vessels, reactors, agitators, heat exchangers, condensers, pumps (including single seal pumps), valves, storage tanks, containers, receivers, and distillation or absorption columns that meet performance parameters of the control 2B350 ⁽³²⁾, regardless of their materials of construction.
- Note: For the purpose of the control X.B.X.015, plumbing valves and storage tanks with total internal (geometric) volume less than 1 m³ (1 000 litres) designed for domestic water or gas systems are excluded.*
- X.B.X.016 Conventional or turbulent air-flow clean-air rooms and self-contained fan-HEPA filter units that may be used for P3 or P4 (BSL 3, BSL 4, L3, L4) containment facilities.
- X.B.X.017 Vacuum pumps with a manufacturer's specified maximum flow-rate greater than 1 m³/h (under standard temperature and pressure conditions), casings (pump bodies), preformed casing-liners, impellers, rotors, and jet pump nozzles designed for such pumps, in which all surfaces that come into direct contact with the chemicals being processed are made from controlled materials.
- X.B.X.018 Laboratory equipment, including parts and accessories for such equipment, for the analysis or detection, destructive or non-destructive, of chemical substances.

⁽³²⁾ Ref. Annex I to Regulation (EU) 2021/821

▼ **M31**

- X.B.X.019 Whole chlor-alkali electrolysis cells - mercury, diaphragm, and membrane.
- X.B.X.020 Titanium electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
- X.B.X.021 Nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
- X.B.X.022 Bipolar titanium nickel electrodes (including those with coatings produced from other metal oxides), specially designed for use in chlor-alkali cells.
- X.B.X.023 Asbestos diaphragms specially designed for use in chlor-alkali cells.
- X.B.X.024 Fluoropolymer based diaphragms specially designed for use in chlor-alkali cells.
- X.B.X.025 Fluoropolymer based ion exchange membranes specially designed for use in chlor-alkali cells.
- X.B.X.026 Compressors specially designed to compress wet or dry chlorine, regardless of material of construction.
- X.B.X.027 Microwave reactors – Machinery, plant or laboratory equipment, whether or not electrically heated, for the treatment of materials by a process involving a change of temperature such as heating.
- X.D.X.001 “Software” specially designed or modified for the “development”, “production” or “use” of equipment controlled by X.A.X.001.
- X.D.X.002 “Software” “required” for the “development”, “production” or “use” of concealed object detection equipment controlled by X.A.X.002.
- X.D.X.003 “Software” specially designed for the “development”, “production”, or “use” of equipment controlled by X.B.X.004, X.B.X.006, or X.B.X.007, X.B.X.008, and X.B.X.009.
- X.D.X.004 Specific “software”, as follows (see List of Items Controlled):
- a. “Software” to provide adaptive control and having both of the following characteristics:
 1. For flexible manufacturing units (FMUs); and
 2. Capable of generating or modifying, in real-time processing, programs or data by using the signals obtained simultaneously by means of at least two detection techniques, such as:
 - a. Machine vision (optical ranging);
 - b. Infrared imaging;

▼ **M31**

- c. Acoustical imaging (acoustical ranging);
- d. Tactile measurement;
- e. Inertial positioning;
- f. Force measurement; and
- g. Torque measurement.

Note: X.D.X.004.a does not control “software” which only provides rescheduling of functionally identical equipment within “flexible manufacturing units” using pre-stored part programs and a pre-stored strategy for the distribution of the part programs.

b. Not used.

X.D.X.005 “Software” specially designed or modified for the “development,” “production,” or “use” of items controlled by X.A.X.004 or X.A.X.005.

Note: See 2E001 (“development”) for “technology” for “software” controlled under this entry.

X.D.X.006 “Software” specially designed for the “development” or “production” of portable electric generators controlled by X.A.X.006.

X.E.X.001 “Technology” “required” for the “development,” “production” or “use” of equipment controlled by X.A.X.002 or “required” for the “development” of “software” controlled by X.D.X.002.

Note: See X.A.X.002 and X.D.X.002 for related commodity and “software” controls.

X.E.X.002 “Technology” for the “use” of equipment controlled by X.B.X.004, X.B.X.006, X.B.X.007, or X.B.X.008.

X.E.X.003 “Technology” according to the General Technology Note for the “use” of equipment controlled by X.A.X.004 or X.A.X.005.

X.E.X.004 “Technology” for the “use” of portable electric generators controlled by X.A.X.006.

Part B

1. Semiconductor devices

CN Code	Description
8541 10	Diodes, other than photosensitive or light-emitting diodes (LED)
8541 21	Transistors, other than photosensitive transistors with a dissipation rate of less than 1 W
8541 29	Other transistors, other than photosensitive transistors
8541 30	Thyristors, diacs and triacs (excl. photosensitive semiconductor devices)
8541 49	Photosensitive semiconductor devices (excl. Photovoltaic generators and cells)
8541 51	Other semiconductor devices: Semiconductor-based transducers
8541 59	Other semiconductor devices

▼ **M31**

CN Code	Description
8541 60	Mounted piezo-electric crystals
8541 90	Semiconductor devices: Parts

2. Electronic integrated circuits, manufacturing and testing equipment

CN Code	Description
3818 00	Chemical elements doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics
8486 10	Machines and apparatus for the manufacture of boules or wafers
8486 20	Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits
8486 40	Machines and apparatus specified in note 11(C) to this chapter
8534 00	Printed circuits
8537 10	Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517, for a voltage not exceeding 1 000 V
8542 31	Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits
8542 32	Memories
8542 33	Amplifiers
8542 39	Other Electronic Integrated Circuits
8542 90	Electronic integrated circuits: Parts
8543 20	Signal generators
9027 50	Other instruments and apparatus using optical radiation (UV, visible, IR)
9030 20	Oscilloscopes and oscillographs
9030 32	Multimeters with recording device
9030 39	Instruments and apparatus for measuring or checking voltage, current, resistance or electrical power, with recording device
9030 82	Instruments and apparatus for measuring or checking semiconductor wafers or devices

3. Photographic cameras, sensors and optical components

CN Code	Description
8525 89	Other television cameras, digital cameras and video camera recorders
8529 90	Other parts suitable for use solely or principally with the apparatus of headings 8524 to 8528

▼ **M31**

CN Code	Description
9006 30	Cameras specially designed for underwater use, for aerial survey or for medical or surgical examination of internal organs; comparison cameras for forensic or criminological purposes
9006 91	Parts and accessories for cameras
9013 10	Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this chapter or Section XVI
9013 80	Other optical devices, appliances and instruments
9025 19	Other thermometers and pyrometers, not combined with other instruments
9032 10	Thermostats

4. Other electrical/magnetic components

CN Code	Description
8501 32	DC motors and DC generators of an output exceeding 750 W but not exceeding 75 kW (excluding photovoltaic generators)
8504 31	Transformers having a power handling capacity not exceeding 1 kVA (excluding liquid dielectric transformers)
8504 40	Static converters
8505 11	Permanent magnets and articles intended to become permanent magnets after magnetisation; of metal
8529 10	Aerials and aerial reflectors of all kinds; parts suitable for use therewith
8532 21	Other fixed capacitors of tantalum
8532 22	Aluminium electrolytic fixed electrical capacitors (excluding power capacitors)
8532 24	Ceramic dielectric multilayer capacitors
8533 21	Fixed electrical resistors for a power handling capacity not exceeding 20 W (excluding heating resistors, and fixed carbon resistors)
8533 40	Electrical variable resistors, including rheostats and potentiometers (excluding wirewound variable resistors and heating resistors)
8536 41	Relays, for a voltage not exceeding 60 V
8536 49	Relays for a voltage exceeding 60 V but not exceeding 1 000 V
8536 50	Other switches
8536 69	Plugs and sockets

▼ **M31**

CN Code	Description
8536 90	Other apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1000 V; connectors for optical fibres, optical fibre bundles or cables
8543 70 02	Microwave amplifiers
8543 70 04	Digital flight-data recorders
8543 70 30	Aerial amplifiers
8548 00	Electrical parts of machinery or apparatus, not specified or included elsewhere in Chapter 85

5. Machine tools, additive manufacturing equipment, and related items

CN Code	Description
8205 59 80	Hand tools, including glaziers' diamonds, excluding household tools, and tool for masons, moulders, cement workers, plasterers and painters
8456 11	Machine tools for working any material by removal of material, operated by laser
8457 10	Machining centres for working metal
8458 11	Horizontal lathes, including turning centres, for removing metal, numerically controlled
8458 91	Other numerically controlled lathes
8459 61	Other milling machines numerically controlled
8466 10	Tool holders, for any type of tool for working in the hand and for machine tools; self-opening dieheads
8466 93	Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8461, n.e.s.
8485 20	Machines for additive manufacturing by plastics or rubber deposit
8485 30	Machines for additive manufacturing by plaster, cement, ceramics or glass deposit
8485 90	Parts of machines for additive manufacturing

6. Energetic materials and precursors

CN Code	Description
2829 90	Perchlorates; bromates and perbromates; iodates and periodates
4706 10	Pulps of fibres derived from recovered (waste and scrap) paper or paperboard or of other fibrous cellulosic material: Cotton linters pulp

▼ **M31**

7. Electronic devices, modules and assemblies

CN Code	Description
8471 50	Processing units other than those of subheading 8471 41 or 8471 49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units
8471 70 98	Other storage units
8471 80	Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
8517 62	Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus
8517 69	Other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network
8517 79	Parts of telephone sets, telephones for cellular networks or for other wireless networks and of other apparatus for the transmission or reception of voice, images or other data, excluding aerials and aerial reflectors of all kinds and their parts
8526 91	Radio navigational aid apparatus
9014 20	Instruments and appliances for aeronautical or space navigation (other than compasses)
9014 80	Other navigational instruments and appliances

8. Chemicals, metals, alloys, composites and other advanced materials

CN Code	Description
8112 41	Unwrought rhenium and rhenium waste, scrap and powders
8112 49	Rhenium, other than unwrought, waste, scrap and powders

9. Machinery parts, assemblies and components

CN Code	Description
8482 10	Ball bearings
8482 20	Tapered roller bearings, including cone and tapered roller assemblies
8482 30	Spherical roller bearings
8482 50	Other cylindrical roller bearings, including cage and roller assemblies

10. Miscellaneous

CN Code	Description
8807 30	Other parts of aeroplanes, helicopters or unmanned aircraft

▼ **M31**

ANNEX VIII

List of partner countries

referred to in Articles 2(4), 2a(4), 2d(4), 3h(3), 3k(4), 5n(7), 5n(10), 5q(1),
12g(1) and 12g(1a)

THE UNITED STATES OF AMERICA

JAPAN

UNITED KINGDOM

SOUTH KOREA

AUSTRALIA

CANADA

NEW ZEALAND

NORWAY

SWITZERLAND

LIECHTENSTEIN

ICELAND

▼ **M16***ANNEX IX***A. Model for supply, transfer or export notification, application and authorisation forms**

(referred to in Article 2c of this Regulation)

The export authorisation is valid in all Member States of the European Union until its expiry date.

EUROPEAN UNION

EXPORT AUTHORISATION / NOTIFICATION

(Reg. (EU) 2022/328)

<p>If notifying pursuant to Article 2(3) or 2a(3) of Council Regulation (EU) No 833/2014, indicate what point(s) applies/apply:</p> <p><input type="checkbox"/> (a) humanitarian purposes, health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment or as a response to natural disasters;</p> <p><input type="checkbox"/> (b) medical or pharmaceutical purposes;</p> <p><input type="checkbox"/> (c) temporary export of items for use by news media;</p> <p><input type="checkbox"/> (d) software updates;</p> <p><input type="checkbox"/> (e) use as consumer communication devices;</p> <p><input type="checkbox"/> (f) personal use of natural persons travelling to Russia or members of their immediate families travelling with them, and limited to personal effects, household effects, vehicles or tools of trade owned by the individuals and not intended for sale</p>	<p>For authorisations, indicate if this has been requested pursuant to Article 2(4), 2(5), 2a(4), 2a(5) or 2b(1) of Council Regulation (EU) No 833/2014:</p>
	<p>For authorisations pursuant to Article 2(4) or 2a(4) of Council Regulation (EU) No 833/2014, indicate what point(s) applies/apply:</p> <p><input type="checkbox"/> (a) intended for cooperation between the Union, the governments of Member States and the government of Russia in purely civilian matters;</p> <p><input type="checkbox"/> (b) intended for intergovernmental cooperation in space programmes;</p> <p><input type="checkbox"/> (c) intended for the operation, maintenance, fuel retreatment and safety of civil nuclear capabilities, as well as civil nuclear cooperation, notably in the field of research and development;</p> <p><input type="checkbox"/> (d) intended for maritime safety;</p> <p><input type="checkbox"/> (e) intended for civilian non-publicly available electronic communications networks which are not the property of an entity that is publicly controlled or with over 50 % public ownership;</p> <p><input type="checkbox"/> (f) intended for the exclusive use of entities owned, or solely or jointly controlled by a legal person, entity or body which is incorporated or constituted under the law of a Member State or of a partner country;</p> <p><input type="checkbox"/> (g) for the diplomatic representations of the Union, Member States and partner countries, including delegations, embassies and missions;</p> <p><input type="checkbox"/> (h) ensuring cyber-security and information security for natural and legal persons, entities and bodies in Russia except for its government and undertakings directly or indirectly controlled by that government.</p>
	<p>For authorisations pursuant to Article 2b(1) of Council Regulation (EU) No 833/2014, indicate what point applies:</p> <p><input type="checkbox"/> (a) urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment;</p> <p><input type="checkbox"/> (b) contracts concluded before 26 February 2022, or ancillary contracts necessary for the execution of such a contract, provided that the authorisation is requested before 1 May 2022.</p>

▼ **M16**

1	1. Exporter	2. Identification number	3. Expiry date (if applicable)
	5. Consignee	4. Contact point details	
		6. Issuing authority	
	7. Agent/Representative (if different from exporter)	8. Country of consignment	Code ¹
		9. End user (if different from consignee)	10. Member State of current or future location of the items
1		11. Member State of intended entry into the customs export procedure	Code ²
		12. Country of final destination	Code ²
		Confirm that the end user is non military	Yes/No

¹ See Regulation (EC) No 1172/95 (OJ L 118, 25.5.1995, p. 10).

▼ **M16**

	13. Description of the items ¹			14. Country of origin		Code ²
				15. Harmonised System or Combined Nomenclature Code (if applicable with 8 digit; CAS number if available)		16. Control list no (for listed items)
				17. Currency and Value		18. Quantity of the items
	19. End use	Confirm that the end use is non military	Yes/No	20. Contract date (if applicable)	21. Customs export procedure	
	22. Additional information:					
Available for pre-printed information At discretion of Member States						
			For completion by issuing authority			Stamp
			Signature Issuing Authority			
			Date			

¹ If needed, this description may be given in one or more attachments to this form (1bis). In this case, indicate the exact number of attachments in this box. The description should be as precise as possible and integrate, where relevant, the CAS or other references for chemical items in particular.

▼ **M16**

EUROPEAN UNION

(Reg. (EU) 2022/328)

1 Bis	1. Exporter	2. Identification number	
	13. Description of the items	14. Country of origin	Code ²
		15. Commodity code (if applicable with 8 digit; CAS number if available)	16. Control list no (for listed items)
		17. Currency and Value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code ²
		15. Commodity code (if applicable with 8 digit; CAS number if available)	16. Control list no (for listed items)
		17. Currency and Value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code ²
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code ²
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code ²
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code ²
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items

▼ **M16**

A. Model for brokering services/ technical assistance notification, application and authorisation forms
(referred to in Article 2C of this Regulation)

EUROPEAN UNION

PROVISION OF TECHNICAL ASSISTANCE

(Reg. (EU) 2022/328)

<p>If notifying pursuant to Article 2(3) or 2a(3) of Council Regulation (EU) No 833/2014, indicate what point(s) applies/apply:</p> <ul style="list-style-type: none"> <input type="checkbox"/> (a) humanitarian purposes, health emergencies, the urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment or as a response to natural disasters; <input type="checkbox"/> (b) medical or pharmaceutical purposes; <input type="checkbox"/> (c) temporary export of items for use by news media; <input type="checkbox"/> (d) software updates; <input type="checkbox"/> (e) use as consumer communication devices; <input type="checkbox"/> (f) personal use of natural persons travelling to Russia or members of their immediate families travelling with them, and limited to personal effects, household effects, vehicles or tools of trade owned by the individuals and not intended for sale. 	<p>For authorisations, indicate if this has been requested pursuant to Article 2(4), 2(5), 2a(4), 2a(5) or 2b(1) of Council Regulation (EU) No 833/2014:</p> <p>For authorisations pursuant to Article 2(4) or 2a(4) of Council Regulation (EU) No 833/2014, indicate what point(s) applies/apply:</p> <ul style="list-style-type: none"> <input type="checkbox"/> (a) intended for cooperation between the Union, the governments of Member States and the government of Russia in purely civilian matters; <input type="checkbox"/> (b) intended for intergovernmental cooperation in space programmes; <input type="checkbox"/> (c) intended for the operation, maintenance, fuel retreatment and safety of civil nuclear capabilities, as well as civil nuclear cooperation, notably in the field of research and development; <input type="checkbox"/> (d) intended for maritime safety; <input type="checkbox"/> (e) intended for civilian non-publicly available electronic communications networks which are not the property of an entity that is publicly controlled or with over 50 % public ownership; <input type="checkbox"/> (f) intended for the exclusive use of entities owned, or solely or jointly controlled by a legal person, entity or body which is incorporated or constituted under the law of a Member State or of a partner country; <input type="checkbox"/> (g) for the diplomatic representations of the Union, Member States and partner countries, including delegations, embassies and missions; <input type="checkbox"/> (h) ensuring cyber-security and information security for natural and legal persons, entities and bodies in Russia except for its government and undertakings directly or indirectly controlled by that government. <p>For authorisations pursuant to Article 2b(1) of Regulation Council (EU) No 833/2014, indicate what point applies:</p> <ul style="list-style-type: none"> <input type="checkbox"/> (a) urgent prevention or mitigation of an event likely to have a serious and significant impact on human health and safety or the environment; <input type="checkbox"/> (b) contracts concluded before 26 February 2022, or ancillary contracts necessary for the execution of such a contract, provided that the authorisation is requested before 1 May 2022.
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▼ **M16**

1	1. Broker/ Supplier of technical assistance/ Applicant	2. Identification number	3. Expiry date (if applicable)
		4. Contact point details	
		6. Issuing authority	
	5. Exporter in originating third country (if applicable)		
	7. Consignee		
		8. Member State in which the broker / supplier of technical assistance is resident or established	Code ¹
		9. Originating country/ Country of location of the items subject of brokering services	Code ¹
	10. End user in third country of destination (if different from consignee)	11. Country of destination	Code ¹
		12. Third parties involved, e.g. agents (if applicable)	
1		Confirm that the end user is non military	Yes/No

¹ See Regulation (EC) No 1172/95 (OJ L 118, 25.5.1995, p. 10).

▼ **M16**

	13. Description of the items / technical assistance.		14. Harmonised System or Combined Nomenclature Code (if applicable)	15. Control list no (if applicable)
			16. Currency and Value	17. Quantity of the items (if applicable)
	18. End use	Confirm that the end use is non military		Yes/No
	19. Additional information:			
Available for pre-printed information At discretion of Member States				
		For completion by issuing authority		
		Signature Issuing Authority	Stamp	
	Date			

▼ **M20**

C. Model for sale, supply or transfer notification, application and authorisation forms

(referred to in Article 12b(1) of this Regulation)

The export authorisation is valid in all Member States of the European Union until its expiry date.

EUROPEAN UNION

EXPORT AUTHORISATION / NOTIFICATION

(Reg. (EU) 2022/328)

Notification pursuant to Article 12b(1) Regulation (EU) 833/2014			
1	1. Exporter	2. Identification number	3. Expiry date (if applicable)
	5. Consignee	4. Contact point details	
		6. Issuing authority	
		7. Agent/Representative (if different from exporter)	8. Country of consignment
9. End user (if different from consignee)	10. Member State of current or future location of the items	Code	
	11. Member State of intended entry into the customs export procedure	Code	
	12. Country of final destination	Code	
1	Confirm that the end user is non military		Yes/No

¹ See Regulation (EC) No 1172/95 (OJ L 118, 25.5.1995, p. 10).

▼ **M20**

13. Description of the items ¹			14. Country of origin		Code
			15. Harmonised System or Combined Nomenclature Code (if applicable with 8 digit; CAS number if available)		16. Control list no (for listed items)
			17. Currency and Value		18. Quantity of the items
19. End use	Confirm that the end use is non military	Yes/No	20. Contract date (if applicable)	21. Customs export procedure	
22. Additional information:					
Available for pre-printed information At discretion of Member States					
			For completion by issuing authority Stamp Signature Issuing Authority		
			Date		

¹ If needed, this description may be given in one or more attachments to this form (1bis). In this case, indicate the exact number of attachments in this box. The description should be as precise as possible and integrate, where relevant, the CAS or other references for chemical items in particular.

▼ **M20**

EUROPEAN UNION

(Reg. (EU) 2022/328)

1 Bis	1. Exporter	2. Identification number	
	13. Description of the items	14. Country of origin	Code
		15. Commodity code (if applicable with 8 digit; CAS number if available)	16. Control list no (for listed items)
		17. Currency and Value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code
		15. Commodity code (if applicable with 8 digit; CAS number if available)	16. Control list no (for listed items)
		17. Currency and Value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items
	13. Description of the items	14. Country of origin	Code
		15. Commodity code	16. Control list no
		17. Currency and value	18. Quantity of the items

▼ **M20**

Note: In part 1 of column 24, write the quantity still available and in part 2 of column 24, write the quantity deducted on this occasion.				
23. Net quantity/value (Net mass/other unit with indication of unit)		25. In words for quantity/value deducted	26. Customs document (Type and number) or extract (Nr) and date of deduction	27. Member state, name and signature, stamp of deduction
24. In numbers				
1.				
2.				
1.				
2.				
1.				
2.				
1.				
2.				
1.				
2.				

▼ **M16**

ANNEX X

List of goods and technologies referred to in Article 3b(1)

	CN	Product
ex	8414 10 81	Cryogenic pumps in the LNG-process
ex	8418 69 00	Process units for gas cooling in the LNG-process
ex	8419 40 00	Atmospheric-vacuum crude distillation units (CDU)
ex	8419 40 00	Process units for the separation and fractionation of the hydrocarbons in the LNG-process
ex	8419 50 20, 8419 50 80	Cold boxes in the LNG-process
ex	8419 50 20, 8419 50 80	Cryogenic exchangers in the LNG-process
ex	8419 60 00	Process units for the liquefaction of the natural gas
ex	8419 60 00, 8419 89 98, 8421 39 15, 8421 39 25, 8421 39 35, 8421 39 85	Hydrogen recovery and purification technology
ex	8419 60 00, 8419 89 98, 8421 39 35, 8421 39 85	Refinery fuel gas treatment and sulphur recovery technology (including amine scrubbing units, sulphur recovery units, tail gas treatment units)
ex	8419 89 10	Cooling towers and similar plant for direct cooling (without a separating wall) by means of recirculated water, designed to be used with the technology listed in this Annex.
ex	8419 89 98	Alkylation and isomerization units
ex	8419 89 98	Aromatic hydrocarbon production units
ex	8419 89 98	Catalytic reforming / cracker units
ex	8419 89 98	Delayed cokers
ex	8419 89 98	Flexicoking units
ex	8419 89 98	Hydrocracking reactors
ex	8419 89 98	Hydrocracking reactor vessels
ex	8419 89 98	Hydrogen generation technology
ex	8419 89 98	Hydrotreatment technology/units
ex	8419 89 98	Naphtha isomerisation units
ex	8419 89 98	Polymerisation units
ex	8419 89 98	Sulphur production units
ex	8419 89 98	Sulphuric acid alkylation and sulphuric acid regeneration units
ex	8419 89 98	Thermal cracking units
ex	8419 89 98	[Toluene and heavy aromatics] Transalkylation units
ex	8419 89 98	Visbreakers
ex	8419 89 98	Vacuum gas oil hydrocracking units
ex	8479 89 97	Solvent de-asphalting units

▼ **M20***ANNEX XI***List of goods and technologies referred to in Article 3c(1)**

Part A

CN Code	Description
88	Aircraft, spacecraft, and parts thereof

List of goods and technologies referred to in Article 3c(1)

Part B

CN Code	Description
ex 2710 19 83	Hydraulic oils for the usage in vehicles of Chapter 88
ex 2710 19 99	Other lubricating oils and other oils for use in aviation
4011 30 00	New pneumatic tyres of rubber, of a kind used on aircraft
ex 6813 20 00	Brake discs and pads for use on aircraft
6813 81 00	Brake linings and pads
8517 71 00	Aerials and aerial reflectors of all kinds; parts suitable for use therewith
ex 8517 79 00	Other parts related to aerials
9024 10 00	Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials: Machines and appliances for testing metals
9026 00 00	Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases (for example, flow meters, level gauges, manometers, heat meters), excluding instruments and apparatus of heading 9014, 9015, 9028 or 9032

List of goods and technologies referred to in Article 3c(1)

Part C

CN Code	Description
8407 10	Spark-ignition reciprocating or rotary internal combustion piston engine, for aircraft
8409 10	Parts suitable for use solely or principally with internal combustion piston engine for aircraft

▼M24**List of goods and technologies referred to in Article 3c(1)**

Part D

CN Code	Description
8411 11	turbojets of a thrust \leq 25 kn
8411 12	turbojets of a thrust $>$ 25 kn
8411 21	turbopropellers of a power \leq 1 100 kw
8411 22	turbopropellers of a power $>$ 1 100 kw
8411 91	parts of turbojets or turbopropellers, n.e.s.

▼ M7

ANNEX XII

▼ M15

List of legal persons, entities and bodies referred to in Article 5(2)

▼ M7

Alfa Bank;
Bank Otkritie;
Bank Rossiya; and
Promsvyazbank

▼ **M7**

ANNEX XIII

List of legal persons, entities and bodies referred to in Article 5(4)(a)

Almaz-Antey;
Kamaz;
Novorossiysk Commercial Sea Port;
Rostec (Russian Technologies State Corporation);
Russian Railways;
JSC PO Sevmash;
Sovcomflot; and
United Shipbuilding Corporation

▼ **M11**

Russian Maritime Register of Shipping

▼ **M15***ANNEX XIV***List of legal persons, entities and bodies referred to in article 5h**

Name of the legal person, entity or body	Date of application
Bank Otkritie	12 March 2022
Novikombank	12 March 2022
Promsvyazbank	12 March 2022
Bank Rossiya	12 March 2022
Sovcombank	12 March 2022
VNESHECONOMBANK (VEB)	12 March 2022
VTB BANK	12 March 2022
Sberbank	14 June 2022
Credit Bank of Moscow	14 June 2022
Joint Stock Company Russian Agricultural Bank, JSC Rosselkhozbank	14 June 2022

▼ M10*ANNEX XV***List of legal persons, entities or bodies referred to in article 2f**

RT- Russia Today English
RT- Russia Today UK
RT - Russia Today Germany
RT - Russia Today France
RT- Russia Today Spanish
Sputnik

▼ M15

Rossiya RTR / RTR Planeta
Rossiya 24 / Russia 24
TV Centre International

▼ M20

NTV/NTV Mir
Rossiya 1
REN TV
Pervyi Kanal

▼ M24

RT Arabic
Sputnik Arabic

▼ M25

RT Balkan
Oriental Review
Tsargrad
New Eastern Outlook
Katehon

▼ M29

Voice of Europe
RIA Novosti
Izvestija
Rossiiskaja Gazeta

▼ M11*ANNEX XVI***List of goods and technology referred to in article 3f**

Category VI – Marine

X.A.VI.001 Vessels, marine systems or equipment, and specially designed components therefor, components and accessories:

- (a) Equipment contained in chapter 4 (navigation equipment) of the applicable Commission Implementing Regulation on design, construction and performance requirements and testing standards for marine equipment adopted in accordance with Article 35(2) of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 on marine equipment;
- (b) Equipment contained in chapter 5 (radio-communication equipment) of the applicable Commission Implementing Regulation on design, construction and performance requirements and testing standards for marine equipment adopted in accordance with Article 35(2) of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 on marine equipment;

▼ **M25**

ANNEX XVII

List of iron and steel products referred to in Article 3g

CN Code	Description
7206	iron and non-alloy steel in ingots or other primary forms (excl. remelting scrap ingots, products obtained by continuous casting and iron of heading 7203)
7207	semi-finished products of iron or non-alloy steel
7208	flat-rolled products of iron or non-alloy steel, of a width \geq 600 mm, hot-rolled, not clad, plated or coated
7209	flat-rolled products of iron or non-alloy steel, of a width of \geq 600 mm, cold-rolled 'cold-reduced', not clad, plated or coated
7210	flat-rolled products of iron or non-alloy steel, of a width \geq 600 mm, hot-rolled or cold-rolled 'cold-reduced', clad, plated or coated
7211	flat-rolled products of iron or non-alloy steel, of a width of $<$ 600 mm, hot-rolled or cold-rolled 'cold-reduced', not clad, plated or coated
7212	flat-rolled products of iron or non-alloy steel, of a width of $<$ 600 mm, hot-rolled or cold-rolled 'cold-reduced', clad, plated or coated
7213	bars and rods of iron or non-alloy steel, hot-rolled, in irregularly wound coils
7214	bars and rods, of iron or non-alloy steel, not further worked than forged, hot-rolled, hot-drawn or hot-extruded, but incl. those twisted after rolling (excl. in irregularly wound coils)
7215	bars and rods, of iron or non-alloy steel, cold-formed or cold-finished, whether or not further worked, or hot-formed and further worked, n.e.s.
7216	angles, shapes and sections of iron or non-alloy steel, n.e.s.
7217	wire of iron or non-alloy steel, in coils (excl. bars and rods)
7218	stainless steel in ingots or other primary forms; semi-finished products of stainless steel
7219	flat-rolled products of stainless steel, of a width of \geq 600 mm, hot-rolled or cold-rolled 'cold-reduced'
7220	flat-rolled products of stainless steel, of a width of $<$ 600 mm, hot-rolled or cold-rolled 'cold-reduced'

▼ **M25**

CN Code	Description
7221	bars and rods of stainless steel, hot-rolled, in irregularly wound coils
7222	other bars and rods of stainless steel; angles, shapes and sections of stainless steel, n.e.s.
7223	wire of stainless steel, in coils (excl. bars and rods)
7224	steel, alloy, other than stainless, in ingots or other primary forms, semi-finished products of alloy steel other than stainless
7225	flat-rolled products of alloy steel other than stainless, of a width of \geq 600 mm, hot-rolled or cold-rolled 'cold-reduced'
7226	flat-rolled products of alloy steel other than stainless, of a width of $<$ 600 mm, hot-rolled or cold-rolled 'cold-reduced'
7227	bars and rods of alloy steel other than stainless, hot-rolled, in irregularly wound coils
7228	other bars and rods of alloy steel other than stainless, angles, shapes and sections of alloy steel other than stainless, n.e.s.; hollow drill bars and rods, of alloy or non-alloy steel
7229	wire of alloy steel other than stainless, in coils (excl. bars and rods)
7301	sheet piling of iron or steel, whether or not drilled, punched or made from assembled elements; welded angles, shapes and sections, of iron or steel
7302	railway or tramway track construction material of iron or steel, the following: rails, check-rails and rack rails, switch blades, crossing frogs, point rods and other crossing pieces, sleepers 'cross-ties', fish-plates, chairs, chair wedges, sole plates 'base plates', rail clips, bedplates, ties and other material specialised for jointing or fixing rails
7303	tubes, pipes and hollow profiles, of cast iron
7304	tubes, pipes and hollow profiles, seamless, of iron or steel (excl. products of cast iron)
7305	tubes and pipes, having circular cross-sections and an external diameter of $>$ 406,4 mm, of flat-rolled products of iron or steel 'e.g., welded, riveted or similarly closed'

▼ M25

CN Code	Description
7306	tubes, pipes and hollow profiles 'e.g., open seam or welded, riveted or similarly closed', of iron or steel (excl. of cast iron, seamless tubes and pipes and tubes having internal and external circular cross-sections and an external diameter of > 406,4 mm)
7307	tube or pipe fittings 'e.g. couplings, elbows, sleeves', of iron or steel
7308	structures and parts of structures 'e.g., bridges and bridge-sections, lock-gates, towers, lattice masts, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, shutters, balustrades, pillars and columns', of iron or steel; plates, rods, angles, shapes, sections, tubes and the like, prepared for use in structures, of iron or steel (excl. prefabricated buildings of heading 9406)
7309	reservoirs, tanks, vats and similar containers, of iron or steel, for any material 'other than compressed or liquefied gas', of a capacity of > 300 l, not fitted with mechanical or thermal equipment, whether or not lined or heat-insulated (excl. containers specifically constructed or equipped for one or more types of transport)
7310	tanks, casks, drums, cans, boxes and similar containers, of iron or steel, for any material 'other than compressed or liquefied gas', of a capacity of ≤ 300 l, not fitted with mechanical or thermal equipment, whether or not lined or heat-insulated, n.e.s.
7311	containers of iron or steel, for compressed or liquefied gas (excl. containers specifically constructed or equipped for one or more types of transport)
7312	stranded wire, ropes, cables, plaited bands, slings and the like, of iron or steel (excl. electrically insulated products and twisted fencing wire and barbed wire)
7313	barbed wire of iron or steel; twisted hoop or single flat wire, barbed or not, and loosely twisted double wire, of a kind used for fencing, of iron or steel
7314	cloth, incl. endless bands, grill, netting and fencing, of iron or steel wire, expanded metal of iron or steel (excl. woven products of metal fibres of a kind used for cladding, lining or similar purposes)
7315	chain and parts thereof, of iron or steel (excl. watch chains, necklace chains and the like, cutting and saw chain, skid chain, scraper chain for conveyors, toothed chain for textile machinery and the like, safety devices with chains for securing doors, measuring chains)

▼ **M25**

CN Code	Description
7316	anchors, grapnels and parts thereof, of iron or steel
7317	nails, tacks, drawing pins, corrugated nails, staples and similar articles of iron or steel, whether or not with heads of other material (excl. such articles with heads of copper and staples in strips)
7318	screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter pins, washers, incl. spring washers, and similar articles, of iron or steel (excl. lag screws, stoppers, plugs and the like, threaded)
7319	sewing needles, knitting needles, bodkins, crochet hooks, embroidery stiletos and similar articles, for use in the hand, of iron or steel; safety pins and other pins of iron or steel, n.e.s.
7320	springs and leaves for springs, of iron or steel (excl. clock and watch springs, springs for sticks and handles of umbrellas or parasols, shock absorbers and torque rod or torsion bar springs of section 17)
7321	stoves, ranges, grates, cookers, incl. those with subsidiary boilers for central heating, barbecues, braziers, gas rings, plate warmers and similar non-electric domestic appliances, and parts thereof of iron or steel (excl. boilers and radiators for central heating, geysers and hot water cylinders)
7322	radiators for central heating, not-electrically heated, and parts thereof, of iron or steel; air heaters and hot-air distributors, incl. distributors which can also distribute fresh or conditioned air), not-electrically heated, incorporating a motor-driven fan or blower, and parts thereof, of iron or steel
7323	table, kitchen or other household articles, and parts thereof, of iron or steel; iron or steel wool; pot scourers and scouring or polishing pads, gloves and the like, of iron or steel (excl. cans, boxes and similar containers of heading 7310; waste baskets; shovels, corkscrews and other articles of the nature of a work implement; articles of cutlery, spoons, ladles, forks etc. of heading 8211 to 8215; ornamental articles; sanitary ware)
7324	sanitary ware, and parts thereof, of iron or steel (excl. cans, boxes and similar containers of heading 7310, small wall cabinets for medical supplies or toiletries and other furniture of chapter 94, and fittings)
7325	articles of iron or steel, cast, n.e.s.
7326	articles of iron or steel, n.e.s. (excl. cast articles)

▼ **M25***ANNEX XVIII***List of luxury goods referred to in Article 3h***EXPLANATORY NOTE*

The nomenclature codes are taken from the Combined Nomenclature as defined in Article 1(2) of Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff and as set out in Annex I thereto, which are valid at the time of publication of this Regulation and *mutatis mutandis* as amended by subsequent legislation.

(1) Horses

ex	0101 21 00	Pure-bred breeding animals
ex	0101 29 90	Other

(2) Caviar and caviar substitutes

ex	1604 31 00	Caviar
ex	1604 32 00	Caviar substitutes

(3) Truffles and preparations thereof

ex	0709 56 00	Truffles
ex	0710 80 69	Other
ex	0711 59 00	Other
ex	0712 39 00	Other
ex	2001 90 97	Other
ex	2003 90 10	Truffles
ex	2103 90 90	Other
ex	2104 10 00	Soups and broths and preparations therefor
ex	2104 20 00	Homogenised composite food preparations
ex	2106 00 00	Food preparations not elsewhere specified or included

(4) Wines (including sparkling wines), beers, spirits and spirituous beverages

ex	2203 00 00	Beer made from malt
ex	2204 10 11	Champagne
ex	2204 10 91	Asti spumante
ex	2204 10 93	Other
ex	2204 10 94	With a protected geographical indication (PGI)
ex	2204 10 96	Other varietal wines
ex	2204 10 98	Other

▼ **M25**

ex	2204 21 00	In containers holding 2 litres or less
ex	2204 29 00	Other
ex	2205 00 00	Vermouth and other wine of fresh grapes flavoured with plants or aromatic substances
ex	2206 00 00	Other fermented beverages (for example, cider, perry, mead, saké); mixtures of fermented beverages and mixtures of fermented beverages with non-alcoholic beverages, not elsewhere specified or included
ex	2207 10 00	Undenatured ethyl alcohol of an alcoholic strength by volume of 80 % vol or higher
ex	2208 00 00	Undenatured ethyl alcohol of an alcoholic strength by volume of less than 80 % vol; spirits, liqueurs and other spirituous beverages

(5) Cigars and cigarillos

ex	2402 10 00	Cigars, cheroots and cigarillos, containing tobacco
ex	2402 90 00	Other

(6) Perfumes, toilet waters and cosmetics, including beauty and make-up products

ex	3303	Perfumes and toilet waters
ex	3304 00 00	Beauty or make-up preparations and preparations for the care of the skin (other than medicaments), including sunscreen or suntan preparations; manicure or pedicure preparations
ex	3305 00 00	Preparations for use on the hair
ex	3307 00 00	Pre-shave, shaving or aftershave preparations, personal deodorants, bath preparations, depilatories and other perfumery, cosmetic or toilet preparations, not elsewhere specified or included; prepared room deodorisers, whether or not perfumed or having disinfectant properties
ex	6704 00 00	Wigs, false beards, eyebrows and eyelashes, switches and the like, of human or animal hair or of textile materials; articles of human hair not elsewhere specified or included

(7) Leather, saddlery and travel goods, handbags and similar articles

ex	4201 00 00	Saddlery and harness for any animal (including traces, leads, knee pads, muzzles, saddle-cloths, saddlebags, dog coats and the like), of any material
ex	4202 00 00	Trunks, suitcases, vanity cases, executive-cases, briefcases, school satchels, spectacle cases, binocular cases, camera cases, musical instrument cases, gun cases, holsters and similar containers; travelling-bags, insulated food or beverages bags, toilet bags, rucksacks, handbags, shopping-bags, wallets, purses, map-cases, cigarette-cases, tobacco-pouches, tool bags, sports bags, bottle-cases, jewellery boxes, powder boxes, cutlery cases and similar containers, of leather or of composition leather, of sheeting of plastics, of textile materials, of vulcanised fibre or of paperboard, or wholly or mainly covered with such materials or with paper

▼ M25

ex	4205 00 90	Other
ex	9605 00 00	Travel sets for personal toilet, sewing or shoe or clothes cleaning

(8) Coats, or other garments, clothing accessories and shoes (regardless of their material)

ex	4203 00 00	Articles of apparel and clothing accessories, of leather or of composition leather
ex	4303 00 00	Articles of apparel, clothing accessories and other articles of fur skin
ex	6101 00 00	Men's or boys' overcoats, car coats, capes, cloaks, anoraks (including ski jackets), windcheaters, wind-jackets and similar articles, knitted or crocheted, other than those of heading 6103
ex	6102 00 00	Women's or girls' overcoats, car coats, capes, cloaks, anoraks (including ski jackets), windcheaters, wind-jackets and similar articles, knitted or crocheted, other than those of heading 6104
ex	6103 00 00	Men's or boys' suits, ensembles, jackets, blazers, trousers, bib and brace overalls, breeches and shorts (other than swimwear), knitted or crocheted
ex	6104 00 00	Women's or girls' suits, ensembles, jackets, blazers, dresses, skirts, divided skirts, trousers, bib and brace overalls, breeches and shorts (other than swimwear), knitted or crocheted
ex	6105 00 00	Men's or boys' shirts, knitted or crocheted
ex	6106 00 00	Women's or girls' blouses, shirts and shirt-blouses, knitted or crocheted
ex	6107 00 00	Men's or boys' underpants, briefs, nightshirts, pyjamas, bathrobes, dressing gowns and similar articles, knitted or crocheted
ex	6108 00 00	Women's or girls' slips, petticoats, briefs, panties, nightdresses, pyjamas, negligés, bathrobes, dressing gowns and similar articles, knitted or crocheted
ex	6109 00 00	T-shirts, singlets and other vests, knitted or crocheted
ex	6110 00 00	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted
ex	6111 00 00	Babies' garments and clothing accessories, knitted or crocheted
ex	6112 11 00	Of cotton
ex	6112 12 00	Of synthetic fibres
ex	6112 19 00	Of other textile materials
ex	6112 20 00	Ski suits
ex	6112 31 00	Of synthetic fibres
ex	6112 39 00	Of other textile materials
ex	6112 41 00	Of synthetic fibres
ex	6112 49 00	Of other textile materials
ex	6113 00 10	Of knitted or crocheted fabrics of heading 5906

▼ M25

ex	6113 00 90	Other
ex	6114 00 00	Other garments, knitted or crocheted
ex	6115 00 00	Pantyhose, tights, stockings, socks and other hosiery, including graduated compression hosiery (for example, stockings for varicose veins) and footwear without applied soles, knitted or crocheted
ex	6116 00 00	Gloves, mittens and mitts, knitted or crocheted
ex	6117 00 00	Other made-up clothing accessories, knitted or crocheted; knitted or crocheted parts of garments or of clothing accessories
ex	6201 00 00	Men's or boys' overcoats, car coats, capes, cloaks, anoraks (including ski jackets), windcheaters, wind-jackets and similar articles, other than those of heading 6203
ex	6202 00 00	Women's or girls' overcoats, car coats, capes, cloaks, anoraks (including ski jackets), windcheaters, wind-jackets and similar articles, other than those of heading 6204
ex	6203 00 00	Men's or boys' suits, ensembles, jackets, blazers, trousers, bib and brace overalls, breeches and shorts (other than swimwear)
ex	6204 00 00	Women's or girls' suits, ensembles, jackets, blazers, dresses, skirts, divided skirts, trousers, bib and brace overalls, breeches and shorts (other than swimwear)
ex	6205 00 00	Men's or boys' shirts
ex	6206 00 00	Women's or girls' blouses, shirts and shirt-blouses
ex	6207 00 00	Men's or boys' singlets and other vests, underpants, briefs, nightshirts, pyjamas, bathrobes, dressing gowns and similar articles
ex	6208 00 00	Women's or girls' singlets and other vests, slips, petticoats, briefs, panties, nightdresses, pyjamas, négligés, bathrobes, dressing gowns and similar articles
ex	6209 00 00	Babies' garments and clothing accessories
ex	6210 10 00	Of fabrics of heading 5602 or 5603
ex	6210 20 00	Other garments, of the type described in subheadings 6201 11 to 6201 19
ex	6210 30 00	Other garments, of the type described in subheadings 6202 11 to 6202 19
ex	6210 40 00	Other men's or boys' garments
ex	6210 50 00	Other women's or girls' garments
ex	6211 11 00	Men's or boys'
ex	6211 12 00	Women's or girls'
ex	6211 20 00	Ski suits
ex	6211 32 00	Of cotton
ex	6211 33 00	Of man-made fibres
ex	6211 39 00	Of other textile materials

▼ M25

ex	6211 42 00	Of cotton
ex	6211 43 00	Of man-made fibres
ex	6211 49 00	Of other textile materials
ex	6212 00 00	Brassières, girdles, corsets, braces, suspenders, garters and similar articles and parts thereof, whether or not knitted or crocheted
ex	6213 00 00	Handkerchiefs
ex	6214 00 00	Shawls, scarves, mufflers, mantillas, veils and the like
ex	6215 00 00	Ties, bow ties and cravats
ex	6216 00 00	Gloves, mittens and mitts
ex	6217 00 00	Other made-up clothing accessories; parts of garments or of clothing accessories, other than those of heading 6212
ex	6401 00 00	Waterproof footwear with outer soles and uppers of rubber or of plastics, the uppers of which are neither fixed to the sole nor assembled by stitching, riveting, nailing, screwing, plugging or similar processes
ex	6402 20 00	Footwear with upper straps or thongs assembled to the sole by means of plugs
ex	6402 91 00	Covering the ankle
ex	6402 99 00	Other
ex	6403 19 00	Other
ex	6403 20 00	Footwear with outer soles of leather, and uppers which consist of leather straps across the instep and around the big toe
ex	6403 40 00	Other footwear, incorporating a protective metal toecap
ex	6403 51 00	Covering the ankle
ex	6403 59 00	Other
ex	6403 91 00	Covering the ankle
ex	6403 99 00	Other
ex	6404 19 10	Slippers and other indoor footwear
ex	6404 20 00	Footwear with outer soles of leather or composition leather
ex	6405 00 00	Other footwear
ex	6504 00 00	Hats and other headgear, plaited or made by assembling strips of any material, whether or not lined or trimmed
ex	6505 00 10	Of fur felt or of felt of wool and fur, made from the hat bodies, hoods or plateaux of heading 6501 00 00
ex	6505 00 30	Peaked caps
ex	6505 00 90	Other
ex	6506 99 00	Of other materials

▼ **M25**

ex	6601 91 00	Having a telescopic shaft
ex	6601 99 00	Other
ex	6602 00 00	Walking sticks, seat-sticks, whips, riding-crops and the like
ex	9619 00 81	Napkins and napkin liners for babies

(9) Carpets, rugs and tapestries, hand-made or not

ex	5701 00 00	Carpets and other textile floor coverings, knotted, whether or not made up
ex	5702 10 00	‘Kelem’, ‘Schumacks’, ‘Karamanie’ and similar hand-woven rugs
ex	5702 20 00	Floor coverings of coconut fibres (coir)
ex	5702 31 80	Other
ex	5702 32 00	Of man-made textile materials
ex	5702 39 00	Of other textile materials
ex	5702 41 90	Other
ex	5702 42 00	Of man-made textile materials
ex	5702 50 00	Other, not of pile construction, not made up
ex	5702 91 00	Of wool or fine animal hair
ex	5702 92 00	Of man-made textile materials
ex	5702 99 00	Of other textile materials
ex	5703 00 00	Carpets and other textile floor coverings, tufted, whether or not made up
ex	5704 00 00	Carpets and other textile floor coverings, of felt, not tufted or flocked, whether or not made up
ex	5705 00 00	Other carpets and other textile floor coverings, whether or not made up
ex	5805 00 00	Hand-woven tapestries of the type Gobelins, Flanders, Aubusson, Beauvais and the like, and needle-worked tapestries (for example, petit point, cross stitch), whether or not made up

(10) Pearls, precious and semi-precious stones, articles of pearls, jewellery, gold- or silversmith articles

ex	7101 00 00	Pearls, natural or cultured, whether or not worked or graded but not strung, mounted or set; pearls, natural or cultured, temporarily strung for convenience of transport
ex	7102 00 00	Diamonds, whether or not worked, but not mounted or set, excluding for industrial use
ex	7103 00 00	Precious stones (other than diamonds) and semi-precious stones, whether or not worked or graded but not strung, mounted or set; ungraded precious stones (other than diamonds) and semi-precious stones, temporarily strung for convenience of transport

▼ M25

ex	7104 91 00	Diamonds, excluding for industrial use
ex	7105 00 00	Dust and powder of natural or synthetic precious or semi-precious stones
ex	7106 00 00	Silver (including silver plated with gold or platinum), unwrought or in semi-manufactured forms, or in powder form
ex	7107 00 00	Base metals clad with silver, not further worked than semi-manufactured
ex	7108 00 00	Gold (including gold plated with platinum), unwrought or in semi-manufactured forms, or in powder form
ex	7109 00 00	Base metals or silver, clad with gold, not further worked than semi-manufactured
ex	7110 11 00	Platinum, unwrought or in powder form
ex	7110 19 00	Platinum, other than unwrought or in powder form
ex	7110 21 00	Palladium, unwrought or in powder form
ex	7110 29 00	Palladium, other than unwrought or in powder form
ex	7110 31 00	Rhodium, unwrought or in powder form
ex	7110 39 00	Rhodium, other than unwrought or in powder form
ex	7110 41 00	Iridium, osmium and ruthenium, unwrought or in powder form
ex	7110 49 00	Iridium, osmium and ruthenium, other than unwrought or in powder form
ex	7111 00 00	Base metals, silver or gold, clad with platinum, not further worked than semi-manufactured
ex	7113 00 00	Articles of jewellery and parts thereof, of precious metal or of metal clad with precious metal
ex	7114 00 00	Articles of goldsmiths' or silversmiths' wares and parts thereof, of precious metal or of metal clad with precious metal
ex	7115 00 00	Other articles of precious metal or of metal clad with precious metal
ex	7116 00 00	Articles of natural or cultured pearls, precious or semi-precious stones (natural, synthetic or reconstructed)

(11) Coins and banknotes, not being legal tender

ex	4907 00 30	Banknotes
ex	7118 10 00	Coin (other than gold coin), not being legal tender
ex	7118 90 00	Other

(12) Cutlery of precious metal or plated or clad with precious metal

ex	7114 00 00	Articles of goldsmiths' or silversmiths' wares and parts thereof, of precious metal or of metal clad with precious metal
ex	7115 00 00	Other articles of precious metal or of metal clad with precious metal
ex	8214 00 00	Other articles of cutlery (for example, hair clippers, butchers' or kitchen cleavers, choppers and mincing knives, paperknives); manicure or pedicure sets and instruments (including nail files)

▼ **M25**

ex	8215 00 00	Spoons, forks, ladles, skimmers, cake-servers, fish-knives, butter-knives, sugar tongs and similar kitchen or tableware
ex	9307 00 00	Swords, cutlasses, bayonets, lances and similar arms and parts thereof and scabbards and sheaths therefor

(13) Tableware of porcelain, china, stone- or earthenware or fine pottery

ex	6911 00 00	Tableware, kitchenware, other household articles and toilet articles, of porcelain or china
ex	6912 00 23	Stoneware
ex	6912 00 25	Earthenware or fine pottery
ex	6912 00 83	Stoneware
ex	6912 00 85	Earthenware or fine pottery
ex	6914 10 00	Of porcelain or china
ex	6914 90 00	Other

(14) Items of lead crystal

ex	7009 91 00	Unframed
ex	7009 92 00	Framed
ex	7010 00 00	Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods; preserving jars of glass; stoppers, lids and other closures, of glass
ex	7013 22 00	Of lead crystal
ex	7013 33 00	Of lead crystal
ex	7013 41 00	Of lead crystal
ex	7013 91 00	Of lead crystal
ex	7018 10 00	Glass beads, imitation pearls, imitation precious or semi-precious stones and similar glass smallwares
ex	7018 90 00	Other
ex	7020 00 80	Other
ex	9405 50 00	Non-electrical lamps and lighting fittings
ex	9405 91 00	Of glass

(15) Electronic items for domestic use of a value exceeding EUR 750

ex	8414 51	Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W
ex	8414 59 00	Other
ex	8414 60 00	Hoods having a maximum horizontal side not exceeding 120 cm

▼ M25

ex	8415 10 00	Window or wall types, self-contained or 'split-system'
ex	8418 10 00	Combined refrigerator-freezers, fitted with separate external doors
ex	8418 21 00	Compression-type
ex	8418 29 00	Other
ex	8418 30 00	Freezers of the chest type, not exceeding 800 litres capacity
ex	8418 40 00	Freezers of the upright type, not exceeding 900 litres capacity
ex	8419 81 00	For making hot drinks or for cooking or heating food
ex	8422 11 00	Of the household type
ex	8423 10 00	Personal weighing machines, including baby scales; household scales
ex	8443 12 00	Offset printing machinery, sheet fed, office type (using sheets with one side not exceeding 22 cm and the other side not exceeding 36 cm in the unfolded state)
ex	8443 31 00	Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data-processing machine or to a network
ex	8443 32 00	Other, capable of connecting to an automatic data-processing machine or to a network
ex	8443 39 00	Other
ex	8450 11 00	Fully-automatic machines
ex	8450 12 00	Other machines, with built-in centrifugal drier
ex	8450 19 00	Other
ex	8451 21 00	Each of a dry linen capacity not exceeding 10 kg
ex	8452 10 00	Sewing machines of the household type
ex	8470 10 00	Electronic calculators capable of operation without an external source of electric power and pocket-size data-recording, reproducing and displaying machines with calculating functions
ex	8470 21 00	Incorporating a printing device
ex	8470 29 00	Other
ex	8470 30 00	Other calculating machines
ex	8472 90 80	Other
ex	8479 60 00	Evaporative air coolers
ex	8508 11 00	Of a power not exceeding 1 500 W and having a dust bag or other receptacle capacity not exceeding 20 l
ex	8508 19 00	Other
ex	8508 60 00	Other vacuum cleaners

▼ **M25**

ex	8509 80 00	Other appliances
ex	8516 31 00	Hairdryers
ex	8516 50 00	Microwave ovens
ex	8516 60 10	Cookers (incorporating at least an oven and a hob)
ex	8516 71 00	Coffee or tea makers
ex	8516 72 00	Toasters
ex	8516 79 00	Other
ex	8517 11 00	Line telephone sets with cordless handsets
ex	8517 13 00	Smartphones
ex	8517 18 00	Other
ex	8529 10 65	Inside aerials for radio or television broadcast receivers, including built-in types
ex	8529 10 69	Other
ex	8531 10 00	Burglar or fire alarms and similar apparatus
ex	8543 70 10	Electrical machines with translation or dictionary functions
ex	8543 70 30	Aerial amplifiers
ex	8543 70 50	Sunbeds, sunlamps and similar suntanning equipment
ex	8543 70 90	Other
ex	9504 50 00	Video game consoles and machines, other than those of subheading 9504 30
ex	9504 90 80	Other

- (16) Electrical/electronic or optical apparatus for recording and reproducing sound and images of a value exceeding EUR 1 000

ex	8519 00 00	Sound recording or sound reproducing apparatus
ex	8521 00 00	Video recording or reproducing apparatus, whether or not incorporating a video tuner
ex	8527 00 00	Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock
ex	8528 71 00	Not designed to incorporate a video display or screen
ex	8528 72 00	Other, colour
ex	9006 00 00	Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 8539

▼ **M25**

- (17) Vehicles, for the transport of persons on earth, air or sea of a value exceeding EUR 50 000 each, teleferics, chairlifts, ski-draglines, traction mechanisms for funiculars, motorbikes of a value exceeding EUR 5 000 each, as well as their accessories and spare parts

ex	4011 10 00	Of a kind used on motor cars (including station wagons and racing cars)
ex	4011 40 00	Of a kind used on motorcycles
ex	4011 90 00	Other
ex	7009 10 00	Rear-view mirrors for vehicles
ex	8407 00 00	Spark-ignition reciprocating or rotary internal combustion piston engines
ex	8409 00 00	Parts suitable for use solely or principally with the engines of heading 8407 or 8408
ex	8428 60 00	Teleferics, chairlifts, ski-draglines, traction mechanisms for funiculars
ex	8512 30 10	Burglar alarms of a kind used for motor vehicles
ex	8512 30 90	Other
ex	8512 40 00	Windscreen wipers, defrosters and demisters
ex	8603 00 00	Self-propelled railway or tramway coaches, vans and trucks, other than those of heading 8604
ex	8605 00 00	Railway or tramway passenger coaches, not self-propelled; luggage vans, post office coaches and other special purpose railway or tramway coaches, not self-propelled (excluding those of heading 8604)
ex	8607 00 00	Parts of railway or tramway locomotives or rolling stock
ex	8702 00 00	Motor vehicles for the transport of ten or more persons, including the driver
ex	8706 00 00	Chassis fitted with engines, for the motor vehicles of headings 8701 to 8705
ex	8707 00 00	Bodies (including cabs), for the motor vehicles of headings 8701 to 8705
ex	8708 00 00	Parts and accessories of the motor vehicles of headings 8701 to 8705
ex	8711 00 00	Motorcycles (including mopeds) and cycles fitted with an auxiliary motor, with or without side-cars; side-cars
ex	8712 00 00	Bicycles and other cycles (including delivery tricycles), not motorised
ex	8714 00 00	Parts and accessories of vehicles of headings 8711 to 8713
ex	8716 10 00	Trailers and semi-trailers of the caravan type, for housing or camping
ex	8716 40 00	Other trailers and semi-trailers
ex	8901 10 00	Cruise ships, excursion boats and similar vessels principally designed for the transport of persons; ferry-boats of all kinds
ex	8901 90 00	Other vessels for the transport of goods and other vessels for the transport of both persons and goods

▼ **M25**

(18) Clocks and watches and their parts

ex	9101 00 00	Wristwatches, pocket-watches and other watches, including stopwatches, with case of precious metal or of metal clad with precious metal
ex	9102 00 00	Wristwatches, pocket-watches and other watches, including stopwatches, other than those of heading 9101
ex	9103 00 00	Clocks with watch movements, excluding clocks of heading 9104
ex	9104 00 00	Instrument panel clocks and clocks of a similar type for vehicles, aircraft, spacecraft or vessels
ex	9105 00 00	Other clocks
ex	9108 00 00	Watch movements, complete and assembled
ex	9109 00 00	Clock movements, complete and assembled
ex	9110 00 00	Complete watch or clock movements, unassembled or partly assembled (movement sets); incomplete watch or clock movements, assembled; rough watch or clock movements
ex	9111 00 00	Watch cases and parts thereof
ex	9112 00 00	Clock cases and cases of a similar type for other goods of this chapter, and parts thereof
ex	9113 00 00	Watch straps, watch bands and watch bracelets, and parts thereof
ex	9114 00 00	Other clock or watch parts

(19) Musical instruments of a value exceeding EUR 1 500

ex	9201 00 00	Pianos, including automatic pianos; harpsichords and other keyboard stringed instruments
ex	9202 00 00	Other string musical instruments (for example, guitars, violins, harps)
ex	9205 00 00	Wind musical instruments (for example, keyboard pipe organs, accordions, clarinets, trumpets, bagpipes), other than fairground organs and mechanical street organs
ex	9206 00 00	Percussion musical instruments (for example, drums, xylophones, cymbals, castanets, maracas)
ex	9207 00 00	Musical instruments, the sound of which is produced, or must be amplified, electrically (for example, organs, guitars, accordions)

(20) Works of art, collectors' pieces and antiques

ex	9700	Works of art, collectors' pieces and antiques
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(21) Articles and equipment for sports, including skiing, golf, diving and water sports

ex	4015 19 00	Other
ex	4015 90 00	Other
ex	6210 40 00	Other men's or boys' garments
ex	6210 50 00	Other women's or girls' garments

▼ M25

ex	6211 11 00	Men's or boys'
ex	6211 12 00	Women's or girls'
ex	6211 20 00	Ski suits
ex	6216 00 00	Gloves, mittens and mitts
ex	6402 12 00	Ski-boots, cross-country ski footwear and snowboard boots
ex	6402 19 00	Other
ex	6403 12 00	Ski-boots, cross-country ski footwear and snowboard boots
ex	6403 19 00	Other
ex	6404 11 00	Sports footwear; tennis shoes, basketball shoes, gym shoes, training shoes and the like
ex	6404 19 90	Other
ex	9004 90 00	Other
ex	9020 00 00	Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters
ex	9506 11 00	Skis
ex	9506 12 00	Ski-fastenings (ski-bindings)
ex	9506 19 00	Other
ex	9506 21 00	Sailboards
ex	9506 29 00	Other
ex	9506 31 00	Clubs, complete
ex	9506 32 00	Golf balls
ex	9506 39 00	Other
ex	9506 40 00	Articles and equipment for table tennis
ex	9506 51 00	Lawn-tennis rackets, whether or not strung
ex	9506 59 00	Other
ex	9506 61 00	Lawn-tennis balls
ex	9506 69 10	Cricket and polo balls
ex	9506 69 90	Other
ex	9506 70	Ice skates and roller skates, including skating boots with skates attached
ex	9506 91	Articles and equipment for general physical exercise, gymnastics or athletics
ex	9506 99 10	Cricket and polo equipment, other than balls
ex	9506 99 90	Other
ex	9507 00 00	Fishing rods, fish-hooks and other line fishing tackle; fish landing nets, butterfly nets and similar nets; decoy 'birds' (other than those of heading 9208 or 9705) and similar hunting or shooting requisites

▼ **M25**

(22) Articles and equipment for billiard, automatic bowling, casino games and games operated by coins or banknotes

ex	9504 20 00	Articles and accessories for billiards of all kinds
ex	9504 30 00	Other games, operated by coins, banknotes, bank cards, tokens or by any other means of payment, other than automatic bowling alley equipment
ex	9504 40 00	Playing cards
ex	9504 50 00	Video game consoles and machines, other than those of subheading 9504 30
ex	9504 90 80	Other

(23) Optical articles and equipment of any value

ex	9004 90 90	Night Vision Equipment, or Thermal Sight Equipment
ex	9013 80 90	Red Dot Sights

▼ M20

ANNEX XIX

List of legal persons, entities and bodies referred to in Article 5aa

Part A

OPK OBORONPROM

UNITED AIRCRAFT CORPORATION

URALVAGONZAVOD

ROSNEFT

TRANSNEFT

GAZPROM NEFT

ALMAZ-ANTEY

KAMAZ

ROSTEC (RUSSIAN TECHNOLOGIES STATE CORPORATION)

JSC PO SEVMASH

SOVCOMFLOT

UNITED SHIPBUILDING CORPORATION

Part B

RUSSIAN MARITIME REGISTER of SHIPPING (RMRS)

Part C

RUSSIAN REGIONAL DEVELOPMENT BANK

▼ **M13**

ANNEX XX

List of jet fuel and fuel additives as referred to in article 3c

CN/TARIC Code	Name of the good
	Jet fuel (other than kerosene):
2710 12 70	Spirit type jet fuel (light oils)
2710 19 29	Other than kerosene (medium oils)
2710 19 21	Kerosene type jet fuel (medium oils)
2710 20 90	Kerosene type jet fuel blended with biodiesel (¹)
	Oxidation inhibitors Oxidation inhibitors used in additives for lubricating oils:
3811 21 00	— oxidation inhibitors containing petroleum oils
3811 29 00	— other oxidation inhibitors
3811 90 00	Oxidation inhibitors used for other liquids used for the same purpose as mineral oils
	Static dissipater additives Static dissipater additives for lubricating oils:
3811 21 00	— containing petroleum oils
3811 29 00	— other
3811 90 00	Static dissipater additives for other liquids used for the same purpose as mineral oils
	Corrosion inhibitors Corrosion inhibitors for lubricating oils:
3811 21 00	— containing petroleum oils
3811 29 00	— other
3811 90 00	Corrosion inhibitors for other liquids used for the same purpose as mineral oils
	Fuel system icing inhibitors (anti-icing additives) Fuel system icing inhibitors for lubricating oils:
3811 21 00	— containing petroleum oils
3811 29 00	— other
3811 90 00	Fuel system icing inhibitors for other liquids used for the same purpose as mineral oils
	Metal de-activators Metal de-activators for lubricating oils:
3811 21 00	— containing petroleum oils
3811 29 00	— other

▼ **M13**

CN/TARIC Code	Name of the good
3811 90 00	Metal de-activator for other liquids used for the same purpose as mineral oils
	Biocide additives Biocide additives for lubricating oils:
3811 21 00	— containing petroleum oils
3811 29 00	— other
3811 90 00	Biocide additives for other liquids used for the same purpose as mineral oils
	Thermal stability improver additives Thermal stability improver for lubricating oils:
3811 21 00	— containing petroleum oils
3811 29 00	— other
3811 90 00	Thermal stability improver for other liquids used for the same purpose as mineral oils

(1) Provided it still contains 70 % or more by weight of petroleum oils or bituminous mineral oils.

▼ **M26**

ANNEX XXI

List of goods and technology referred to in Article 3i

CN code	Name of the good
0306	Crustaceans, whether in shell or not, live, fresh, chilled, frozen, dried, salted or in brine; smoked crustaceans, whether in shell or not, whether or not cooked before or during the smoking process; crustaceans, in shell, cooked by steaming or by boiling in water, whether or not chilled, frozen, dried, salted or in brine
1604 31 00	Caviar
1604 32 00	Caviar substitutes
2208	Undenatured ethyl alcohol of an alcoholic strength by volume of less than 80 % vol; spirits, liqueurs and other spirituous beverages
2303	Residues of starch manufacture and similar residues, beet-pulp, bagasse and other waste of sugar manufacture, brewing or distilling dregs and waste, whether or not in the form of pellets
2402	Cigars, cheroots, cigarillos and cigarettes, of tobacco or of tobacco substitutes
2523	Portland cement, aluminous cement, slag cement, supersulphate cement and similar hydraulic cements, whether or not coloured or in the form of clinkers
2701	Coal; briquettes, ovoids and similar solid fuels manufactured from coal
2702	Lignite, whether or not agglomerated, excluding jet
2703	Peat, including peat litter, whether or not agglomerated
2704	Coke and semi-coke of coal, of lignite or of peat, whether or not agglomerated; retort carbon
2705	Coal gas, water gas, producer gas and similar gases, other than petroleum gases and other gaseous hydrocarbons
2706	Tar distilled from coal, from lignite or from peat, and other mineral tars, whether or not dehydrated or partially distilled, including reconstituted tars
2707	Oils and other products of the distillation of high temperature coal tar; similar products in which the weight of the aromatic constituents exceeds that of the non-aromatic constituents
2708	Pitch and pitch coke, obtained from coal tar or from other mineral tars
2711 12	Propane, liquefied
2711 13	Butanes, liquefied
2711 14	Ethylene, propylene, butylene and butadiene, liquefied
2711 19	Gaseous hydrocarbons, liquified, n.e.s.
2712	Petroleum jelly, paraffin wax, micro- crystalline petroleum wax, slack wax, ozokerite, lignite wax, peat wax, other mineral waxes, and similar products obtained by synthesis or by other processes, whether or not coloured
2713	Petroleum coke, petroleum bitumen and other residues of petroleum oil or of oil obtained from bituminous minerals

▼ **M26**

CN code	Name of the good
2714	Bitumen and asphalt, natural; bituminous or oil-shale and tar sands; asphaltites and asphaltic rocks
2715	Bituminous mastics, cut-backs and other bituminous mixtures based on natural asphalt, on natural bitumen, on petroleum bitumen, on mineral tar or on mineral tar pitch
2803	Carbon (carbon blacks and other forms of carbon not elsewhere specified or included)

▼ **M31**

2804 29 10	Helium
2845 40	Helium-3

▼ **M26**

2811	Inorganic acids and inorganic oxygen compounds of non-metals (excl. hydrogen chloride (hydrochloric acid), chlorosulphuric acid, sulphuric acid, oleum, nitric acid, sulphonitic acids, diphosphorus pentaoxide, phosphoric acid, polyphosphoric acids, oxides of boron and boric acids)
2818	Artificial corundum, whether or not chemically defined; aluminium oxide; aluminium hydroxide
ex 2825	Hydrazine and hydroxylamine and their inorganic salts; other inorganic bases; other metal oxides, hydroxides and peroxides, except for CN codes 28252000 and 28253000
2834	Nitrites; nitrates
ex 2835	Phosphinates (hypophosphites), phosphonates (phosphites) and phosphates; polyphosphates, whether or not chemically defined, except for CN code 28352600
2836	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate
ex 2901	Acyclic hydrocarbons, except for CN code 29011000
2902	Cyclic hydrocarbons
2903	Halogenated derivatives of hydrocarbons
2905	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives
2907	Phenols; phenol-alcohols
2909	Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxides, acetal and hemiacetal peroxides, ketone peroxides (whether or not chemically defined), and their halogenated, sulphonated, nitrated or nitrosated derivatives
2914	Ketones and quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives
2915	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives
2917	Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives
2922	Oxygen-function amino-compounds
2923	Quaternary ammonium salts and hydroxides; lecithins and other phosphoaminolipids, whether or not chemically defined

▼ M26

CN code	Name of the good
2931	Separate chemically defined organo-inorganic compounds (excl. organo-sulphur compounds and those of mercury)
2933	Heterocyclic compounds with nitrogen hetero-atom[s] only
3104 20	Potassium chloride
3105 20	Mineral or chemical fertilisers containing the three fertilising elements nitrogen, phosphorus and potassium
3105 60	Mineral or chemical fertilisers containing the two fertilising elements phosphorus and potassium
ex 3105 90 20	Other fertilising containing potassium chloride
ex 3105 90 80	Other fertilising containing potassium chloride
3301	Essential oils, whether or not terpenic, incl. concretes and absolutes; resinoids; extracted oleoresins; concentrates of essential oils in fats, fixed oils, waxes or the like, obtained by enfleurage or maceration; terpenic by-products of the dimerization of essential oils; aqueous distillates and aqueous solutions of essential oils
3304	Beauty or make-up preparations and preparations for the care of the skin, incl. sunscreen or suntan preparations (excl. medicaments); manicure or pedicure preparations
3305	Preparations for use on the hair
3306	Preparations for oral or dental hygiene, incl. denture fixative pastes and powders; yarn used to clean between the teeth (dental floss), in individual retail packages
3307	Shaving preparations, incl. pre-shave and aftershave products, personal deodorants, bath and shower preparations, depilatories and other perfumery, toilet or cosmetic preparations, n.e.s.; prepared room deodorisers, whether or not perfumed or having disinfectant properties
3401	Soap; organic surface-active products and preparations for use as soap, in the form of bars, cakes, moulded pieces or shapes, whether or not containing soap; organic surface-active products and preparations for washing the skin, in the form of liquid or cream and put up for retail sale, whether or not containing soap; paper, wadding, felt and nonwovens, impregnated, coated or covered with soap or detergent
3402	Organic surface-active agents (excl. soap); surface-active preparations, washing preparations, incl. auxiliary washing preparations, and cleaning preparations, whether or not containing soap (excl. those of heading 3401)
3404	Artificial waxes and prepared waxes
3801	Artificial graphite; colloidal or semi-colloidal graphite; preparations based on graphite or other carbon in the form of pastes, blocks, plates or other semi-manufactures
3811	Anti-knock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anti-corrosive preparations and other prepared additives, for mineral oils, incl. gasoline, or for other liquids used for the same purposes as mineral oils
3812	Prepared rubber accelerators; compound plasticisers for rubber or plastics, not elsewhere specified or included; anti-oxidising preparations and other compound stabilisers for rubber or plastics

▼ M26

CN code	Name of the good
3817	Mixed alkylbenzenes and mixed alkylnaphthalenes produced by the alkylation of benzene and naphthalene (excl. mixed isomers of cyclic hydrocarbons)
3819	Hydraulic brake fluids and other prepared liquids for hydraulic transmission not containing petroleum oil or bituminous mineral oil, or containing < 70 % petroleum oil or bituminous mineral oil by weight
3823	Industrial monocarboxylic fatty acids; acid oils from refining; industrial fatty alcohols
3824	Prepared binders for foundry moulds or cores; chemical products and preparations for the chemical or allied industries, incl. mixtures of natural products, n.e.s.
3901	Polymers of ethylene, in primary forms
3902	Polymers of propylene or of other olefins, in primary forms
3903	Polymers of styrene, in primary forms
3904	Polymers of vinyl chloride or of other halogenated olefins, in primary forms
3907	Polyacetals, other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters, in primary forms
3908	Polyamides, in primary forms
3916	Monofilament of which any cross-sectional dimension > 1 mm, rods, sticks and profile shapes, of plastics, whether or not surface-worked but not further worked
3917	Tubes, pipes and hoses, and fittings therefor, e.g. joints, elbows, flanges, of plastics
3919	Self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics, whether or not in rolls (excl. floor, wall and ceiling coverings of heading 3918)
3920	Plates, sheets, film, foil and strip, of non-cellular plastics, not reinforced, laminated, supported or similarly combined with other materials, without backing, unworked or merely surface-worked or merely cut into squares or rectangles (excl. self-adhesive products, and floor, wall and ceiling coverings of heading 3918)
3921	Plates, sheets, film, foil and strip, of plastics, reinforced, laminated, supported or similarly combined with other materials, or of cellular plastic, unworked or merely surface-worked or merely cut into squares or rectangles (excl. self-adhesive products, floor, wall and ceiling coverings of heading 3918)
3923	Articles for the conveyance or packaging of goods, of plastics; stoppers, lids, caps and other closures, of plastics
3925	Builders' ware of plastics, n.e.s.
3926	Articles of plastics and articles of other materials of heading 3901 to 3914, n.e.s.
4002	Synthetic rubber and factice derived from oils, in primary forms or in plates, sheets or strip; mixtures of natural rubber, balata, gutta-percha, guayule, chicle or similar types of natural rubber with synthetic rubber or factice, in primary forms or in plates, sheets or strip

▼ M26

CN code	Name of the good
4011	New pneumatic tyres, of rubber
4107	Leather further prepared after tanning or crusting (incl. parchment-dressed leather), of bovine (incl. buffalo) or equine animals, without hair on, whether or not split (excl. chamois leather, patent leather and patent laminated leather, and metallised leather)
4202	Trunks, suitcases, vanity cases, executive-cases, briefcases, school satchels, spectacle cases, binocular cases, camera cases, musical instrument cases, gun cases, holsters and similar containers; travelling-bags, insulated food or beverage bags, toilet bags, rucksacks, handbags, shopping-bags, wallets, purses, map-cases, cigarette-cases, tobacco-pouches, tool bags, sports bags, bottle-cases, jewellery boxes, powder-boxes, cutlery cases and similar containers, of leather or of composition leather, of sheeting of plastics, of textile materials, of vulcanised fibre or of paperboard, or wholly or mainly covered with such materials or with paper
4301	Raw furskins, incl. heads, tails, paws and other pieces or cuttings suitable for use in furriery (excl. raw hides and skins of heading 4101, 4102 or 4103)
44	Wood and articles of wood; wood charcoal
4703	Chemical wood pulp, soda or sulphate (excl. dissolving grades)
4705	Wood pulp obtained by a combination of mechanical and chemical pulping processes
4801	Newsprint as specified in note 4 to Chapter 48, in rolls of a width > 28 cm or in square or rectangular sheets with one side > 28 cm and the other side > 15 cm in the unfolded state
4802	Uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and non-perforated punchcards and punch-tape paper, in rolls or in square or rectangular sheets, of any size, and handmade paper and paperboard (excl. newsprint of heading 4801 and paper of heading 4803)
4803	Toilet or facial tissue stock, towel or napkin stock and similar paper for household or sanitary purposes, cellulose wadding and webs of cellulose fibres, whether or not creped, crinkled, embossed, perforated, surface-coloured, surface-decorated or printed, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state
4804	Uncoated kraft paper and paperboard, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state (excl. goods of heading 4802 or 4803)
4805	Other paper and paperboard, uncoated, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state, not worked other than as specified in note 3 to this chapter, n.e.s.
4810	Paper and paperboard, coated on one or both sides with kaolin (China clay) or other inorganic substances, with or without a binder, and with no other coating, whether or not surface-coloured, surface-decorated or printed, in rolls or in square or rectangular sheets, of any size (excl. all other coated papers and paperboards)

▼ M26

CN code	Name of the good
4811	Paper, paperboard, cellulose wadding and webs of cellulose fibres, coated, impregnated, covered, surface-coloured, surface-decorated or printed, in rolls or in square or rectangular sheets, of any size (excl. goods of heading 4803, 4809 and 4810)
4818	Toilet paper and similar paper, cellulose wadding or webs of cellulose fibres, of a kind used for household or sanitary purposes, in rolls of a width \leq 36 cm, or cut to size or shape; handkerchiefs, cleansing tissues, towels, tablecloths, serviettes, bedsheets and similar household, sanitary or hospital articles, articles of apparel and clothing accessories, of paper pulp, paper, cellulose wadding or webs of cellulose fibres
4819	Cartons, boxes, cases, bags and other packing containers, of paper, paperboard, cellulose wadding or webs of cellulose fibres, n.e.s.; box files, letter trays, and similar articles, of paperboard of a kind used in offices, shops or the like
4823	Paper, paperboard, cellulose wadding and webs of cellulose fibres, in strips or rolls of a width \leq 36 cm, in rectangular or square sheets of which no side $>$ 36 cm in the unfolded state, or cut to shape other than rectangular or square, and articles of paper pulp, paper, paperboard, cellulose wadding or webs or cellulose fibres, n.e.s.
5402	Synthetic filament yarn, incl. synthetic monofilaments of $<$ 67 decitex (excl. sewing thread and yarn put up for retail sale)
5601	Wadding of textile materials and articles thereof; textile fibres with a length of \leq 5 mm 'flock', textile dust and mill neps (excl. wadding and articles thereof impregnated or coated with pharmaceutical substances or put up for retail sale for medical, surgical, dental or veterinary purposes, and products impregnated, coated or covered with perfumes, cosmetics, soaps etc.)
5603	Nonwovens, whether or not impregnated, coated, covered or laminated, n.e.s.
6204	Women's or girls' suits, ensembles, jackets, blazers, dresses, skirts, divided skirts, trousers, bib and brace overalls, breeches and shorts (excl. knitted or crocheted, wind-jackets and similar articles, slips, petticoats and panties, tracksuits, ski suits and swimwear)
6305	Sacks and bags, of a kind used for the packing of goods, of all types of textile materials
6403	Footwear with outer soles of rubber, plastics, leather or composition leather and uppers of leather (excl. orthopaedic footwear, skating boots with ice or roller skates attached, and toy footwear)
6806	Slag-wool, rock-wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating, sound-insulating or sound absorbing mineral materials (excl. articles of light concrete, asbestos, asbestos-cement, cellulose fibre-cement or the like, mixtures and other articles of or based on asbestos, and ceramic products)
6807	Articles of asphalt or of similar materials, e.g. petroleum bitumen or coal tar pitch
6808	Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw or of shavings, chips, particles, sawdust or other waste of wood, agglomerated with cement, plaster or other mineral binders (excl. articles of asbestos-cement, cellulose fibre-cement or the like)

▼ **M26**

CN code	Name of the good
6810	Articles of cement, of concrete or of artificial stone, whether or not reinforced
6814	Worked mica and articles of mica, incl. agglomerated or reconstituted mica, whether or not on a support of paper, paperboard or other materials (excl. electrical insulators, insulating fittings, resistors and capacitors, protective goggles of mica and their glasses, and mica in the form of christmas tree decorations)
6815	Articles of stone or of other mineral substances, incl. carbon fibres, articles of carbon fibres and articles of peat, n.e.s.
6902	Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods (excl. those of siliceous fossil meals or similar siliceous earths)
6907	Ceramic flags and paving, hearth or wall tiles; ceramic mosaic cubes and the like, whether or not on a backing (excl. of siliceous fossil meals or similar siliceous earths, refractory goods, tiles specially adapted as table mats, ornamental articles and tiles specifically manufactured for stoves)
7005	Float glass and surface ground or polished glass, in sheets, whether or not having an absorbent, reflecting or non-reflecting layer, but not otherwise worked
7007	Safety glass, consisting of toughened (tempered) or laminated glass
7010	Carboys, bottles, flasks, jars, pots, phials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods; preserving jars of glass; stoppers, lids and other closures, of glass
7019	Glass fibres (including glass wool) and articles thereof (for example, yarn, rovings, woven fabrics)
7104	Precious and semi-precious stones, synthetic or reconstructed, whether or not worked or graded but not strung, mounted or set; ungraded synthetic or reconstructed precious or semi-precious stones, temporarily strung for convenience of transport
7106	Silver (including silver plated with gold or platinum), unwrought or in semi-manufactured forms, or in powder form
7112	Waste and scrap of precious metal or of metal clad with precious metal; other waste and scrap containing precious metal or precious-metal compounds, of a kind used principally for the recovery of precious metal (excl. waste and scrap melted down into unworked blocks, ingots, or similar forms)
7115	Articles of precious metal or of metal clad with precious metal, n.e.s.
7201	Pig iron and spiegeleisen, in pigs, blocks or other primary forms
7202	Ferro-alloys
7203	Ferrous products obtained by direct reduction of iron ore and other spongy ferrous products, in lumps, pellets or similar forms; iron having a minimum purity by weight of 99,94 %, in lumps, pellets or similar forms
7205	Granules and powders of pig iron, spiegeleisen, iron or steel

▼ **M26**

CN code	Name of the good
7408	Copper wire
7604	Aluminium bars, rods and profiles
7605	Aluminium wire
7606	Aluminium plates, sheets and strip, of a thickness exceeding 0,2 mm
7607	Aluminium foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials), of a thickness (excluding any backing) not exceeding 0,2 mm
7608	Aluminium tubes and pipes
7801	Unwrought lead
8207	Tools, interchangeable, for hand tools, whether or not power-operated, or for machine tools (e.g. for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), incl. dies for drawing or extruding metal, and rock-drilling or earth-boring tools
8212	Non-electric razors and razor blades of base metal, incl. razor blade blanks in strips
8302	Base metal mountings, fittings and similar articles suitable for furniture, doors, staircases, windows, blinds, coachwork, saddlery, trunks, chests, caskets or the like; base metal hat-racks, hat-pegs, brackets and similar fixtures; castors with mountings of base metal; automatic door closers of base metal
8309	Stoppers, caps and lids, incl. crown corks, screw caps and pouring stoppers, capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal
8407	Spark-ignition reciprocating or rotary internal combustion piston engine
8408	Compression-ignition internal combustion piston engine (diesel or semi-diesel engine)
8409	Parts suitable for use solely or principally with internal combustion piston engine of heading 8407 or 8408
Ex 8411	Turbojets, turbopropellers and other gas turbines with the exception of parts of turbojets or turbopropellers of CN code 8411 91 00
8412	Engines and motors (excl. steam turbines, internal combustion piston engine, hydraulic turbines, water wheels, gas turbines and electric motors); parts thereof
8413	Pumps for liquids, whether or not fitted with a measuring device (excl. ceramic pumps and secretion aspirating pumps for medical use and medical pumps carried on or implanted in the body); liquid elevators (excl. pumps); parts thereof
8414	Air or vacuum pumps (excl. gas compound elevators and pneumatic elevators and conveyors); air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof

▼ **M26**

CN code	Name of the good
8418	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps; parts thereof (excl. air conditioning machines of heading 8415)
8419	Machinery, plant or laboratory equipment whether or not electrically heated (excl. furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling (excl. those used for domestic purposes); instantaneous or storage water heaters, non-electric; parts thereof
8421	Centrifuges, incl. centrifugal dryers (excl. those for isotope separation); filtering or purifying machinery and apparatus, for liquids or gases; parts thereof (excl. artificial kidneys)
8422	Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery, incl. heat-shrink wrapping machinery; machinery for aerating beverages; parts thereof
8424	Mechanical appliances, whether or not hand-operated, for projecting, dispersing or spraying liquids or powders, n.e.s.; fire extinguishers, charged or not (excl. fire-extinguishing bombs and grenades); spray guns and similar appliances (excl. electric machines and apparatus for hot spraying of metals or sintered metal carbides of heading 8515); steam or sand blasting machines and similar jet projecting machines; parts thereof, n.e.s.
8426	Ships' derricks; cranes, incl. cable cranes (excl. wheel-mounted cranes and vehicle cranes for railways); mobile lifting frames, straddle carriers and works trucks fitted with a crane
8431	Parts suitable for use solely or principally with the machinery of headings 8425 to 8430
8450	Household or laundry-type washing machines, incl. machines which both wash and dry; parts thereof
8455	Metal-rolling mills and rolls therefor; parts of metal-rolling mills
8466	Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, incl. work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines, n.e.s.; tool holders for any type of tool for working in the hand
8467	Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor; parts thereof
8471	Automatic data-processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, n.e.s.

▼ **M26**

CN code	Name of the good
8474	Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid, incl. powder or paste, form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand; parts thereof
8477	Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter, parts thereof
8479	Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter; parts thereof
8480	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics (excl. moulds of graphite or other carbons, ceramic or glass moulds and linotype moulds or matrices)
8481	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, incl. pressure-reducing valves and thermostatically controlled valves; parts thereof
8482	Ball or roller bearings (excl. steel balls of heading 7326); parts thereof
8483	Transmission shafts, incl. camshafts and crankshafts, and cranks; bearing housings and plain shaft bearings for machines; gears and gearing; ball or roller screws, gear boxes and other speed changers, incl. torque converters; flywheels and pulleys, incl. pulley blocks, clutches and shaft couplings, incl. universal joints; parts thereof
8487	Machinery parts, n.e.s. in Chapter 84 (excl. parts containing electrical connectors, insulators, coils, contacts or other electrical features)
8501	Electric motors and generators (excl. generating sets)
8502	Electric generating sets and rotary converters
8503	Parts suitable for use solely or principally with electric motors and generators, electric generating sets and rotary converters, n.e.s.
8504	Electrical transformers, static converters, e.g. rectifiers, and inductors; parts thereof
8511	Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines, e.g. ignition magnetos, magneto-dynamos, ignition coils, sparking plugs, glow plugs and starter motors; generators, e.g. dynamos and alternators, and cut-outs of a kind used in conjunction with such engines; parts thereof
8516	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electro-thermic hairdressing apparatus, e.g. hairdryers, hair curlers and curling tong heaters, and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes; electric heating resistors (other than those of heading 8545); parts thereof

▼ M26

CN code	Name of the good
8517	Telephone sets, incl. telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, incl. apparatus for communication in a wired or wireless network [such as a local or wide area network]; parts thereof (excl. than transmission or reception apparatus of heading 8443, 8525, 8527 or 8528)
8523	Discs, tapes, solid-state non-volatile storage devices, 'smart cards' and other media for the recording of sound or of other phenomena, whether or not recorded, incl. matrices and masters for the production of discs (excl. products of Chapter 37)
8525	Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders
8526	Radar apparatus, radio navigational aid apparatus and radio remote control apparatus
8531	Electric sound or visual signalling apparatus, e.g. bells, sirens, indicator panels, burglar or fire alarms (excl. those for cycles, motor vehicles and traffic signalling); parts thereof
8535	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, e.g., switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes, for a voltage > 1 000 V (excl. control desks, cabinets, panels etc. of heading 8537)
8536	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, e.g., switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and junction boxes, for a voltage ≤ 1 000 V (excl. control desks, cabinets, panels etc. of heading 8537)
8537	Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, incl. those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus (excl. switching apparatus for line telephony or line telegraphy)
8538	Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537, n.e.s.
8539	Electric filament or discharge lamps, incl. sealed beam lamp units and ultraviolet or infra-red lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof
8541	Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, incl. photovoltaic cells whether or not assembled in modules or made up into panels (excl. photovoltaic generators); light emitting diodes (LED); mounted piezoelectric crystals; parts thereof
8542	Electronic integrated circuits; parts thereof
8543	Electrical machines and apparatus, having individual functions, n.e.s. in Chapter 85 and parts thereof
8544	Insulated (incl. enamelled or anodised) wire, cable (incl. coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors

▼ **M26**

CN code	Name of the good
8545	Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes
8603	Self-propelled railway or tramway coaches, vans and trucks (excl. those of heading 8604)
8606	Railway or tramway goods vans and wagons (excl. self-propelled and luggage vans and post office coaches)
8701	Tractors (other than tractors of heading 8709)
8703	Motor cars and other motor vehicles principally designed for the transport of < 10 persons, incl. station wagons and racing cars (excl. motor vehicles of heading 8702)
8704	Motor vehicles for the transport of goods, incl. chassis with engine and cab
8716	Trailers and semi-trailers; other vehicles, not mechanically propelled (excl. railway and tramway vehicles); parts thereof, n.e.s.
8802	Powered aircraft (e.g. helicopters and aeroplanes); spacecraft, incl. satellites, and suborbital and spacecraft launch vehicles
8901	Cruise ships, excursion boats, ferry-boats, cargo ships, barges and similar vessels for the transport of persons or goods
8903	Yachts and other vessels for pleasure or sports; rowing boats and canoes
8904	Tugs and pusher craft
8905	Light-vessels, fire-floats, dredgers, floating cranes, and other vessels the navigability of which is subsidiary to their main function; floating docks; floating or submersible drilling or production platforms
9001	Optical fibres and optical fibre bundles; optical fibre cables (excl. made up of individually sheathed fibres of heading 8544); sheets and plates of polarising material; lenses, incl. contact lenses, prisms, mirrors and other optical elements of any material, unmounted (excl. such elements of glass not optically worked)
9006	Photographic cameras, photographic flashlight apparatus and flashbulbs (excl. discharge lamps of heading 8539)
9013	Liquid crystal devices not constituting articles provided for more specifically in other heading; lasers (excl. laser diodes); other optical appliances and instruments not elsewhere specified in Chapter 90
9014	Direction finding compasses; other navigational instruments and appliances (excl. radio navigational equipment)
9026	Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases, e.g. flow meters, level gauges, manometers, heat meters (excl. instruments and apparatus of heading 9014, 9015, 9028 or 9032)
9027	Instruments and apparatus for physical or chemical analysis, e.g. polarimeters, refractometers, spectrometers, gas or smoke analysis apparatus; instruments and apparatus for measuring or checking viscosity, porosity, expansion, surface tension or the like; instruments and apparatus for measuring or checking quantities of heat, sound or light, incl. exposure meters; microtomes

▼ M26

CN code	Name of the good
9030	Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities (excl. meters of heading 9028); instruments and apparatus for measuring or detecting alpha, beta, gamma, x-ray, cosmic or other ionising radiations
9031	Measuring or checking instruments, appliances and machines not elsewhere specified in Chapter 90; profile projectors
9032	Regulating or controlling instruments and apparatus (excl. taps, cocks and valves of heading 8481)
9401	Seats, whether or not convertible into beds, and parts thereof, n.e.s. (excl. medical, surgical, dental or veterinary of heading 9402)
9403	Other furniture and parts thereof
9404	Mattress supports (excl. spring interiors for seats); articles of bedding and similar furnishing, e.g. mattresses, quilts, eiderdowns, cushions, pouffes and pillows, fitted with springs or stuffed or internally filled with any material or of cellular rubber or plastics, whether or not covered (excl. pneumatic or water mattresses and pillows, blankets and covers)
9405	Lamps and lighting fittings, incl. searchlights and spotlights, and parts thereof, n.e.s.; illuminated signs, illuminated nameplates and the like having a permanently fixed light source, and parts thereof, n.e.s.
9406	Prefabricated buildings, whether or not complete or already assembled

▼ M25

▼ **M31**

ANNEX XXIII

List of goods and technology as referred to in Article 3k

CN code	Description
0601	Bulbs, tubers, tuberous roots, corms, crowns and rhizomes, dormant, in growth or in flower, chicory plants and roots other than roots of heading 1212:
0602 30	Rhododendrons and azaleas, grafted or not
0602 40	Roses, grafted or not
0602 90	Other live plants (including their roots), cuttings and slips; mushroom spawn – Other
0604 20	Foliage, branches and other parts of plants, without flowers or flower buds, and grasses, mosses and lichens, being goods of a kind suitable for bouquets or for ornamental purposes, fresh, dried, dyed, bleached, impregnated or otherwise prepared – Fresh
2508	Clays, andalusite, kyanite and sillimanite, whether or not calcined; mullite; chamotte or dinas earths (excl. kaolin and other kaolinic clays, and expanded clay)
2509	Chalk
2512	Siliceous fossil meals (for example, kieselguhr, tripolite and diatomite) and similar siliceous earths, whether or not calcined, of an apparent specific gravity of 1 or less
2515	Marble, travertine, ecaussine and other calcareous monumental or building stone of an apparent specific gravity of $\geq 2,5$, and alabaster, whether or not roughly trimmed or merely cut, by sawing or otherwise, into blocks or slabs of a square or rectangular shape
2518 20	Calcined or sintered dolomite
2519 10	Natural magnesium carbonate (magnesite)
2520 10	Gypsum; anhydrite
2521	Limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or cement
2522	Quicklime, slaked lime and hydraulic lime other than calcium oxide and hydroxide of heading 2825
2525	Mica, whether or not rifted into sheets or splittings; mica waste
2526	Natural steatite, whether or not roughly trimmed or merely cut, by sawing or otherwise, into blocks or slabs of a rectangular (including square) shape; talc
2530 20	Kieserite, epsomite (natural magnesium sulphates)
2602	Manganese ores and concentrates, including ferruginous manganese ores and concentrates with a manganese content of 20 % or more, calculated on the dry weight
2701	Coal; briquettes, ovoids and similar solid fuels manufactured from coal
2702	Lignite, whether or not agglomerated, excluding jet
2703	Peat (including peat litter), whether or not agglomerated
2704	Coke and semi-coke of coal, of lignite or of peat, whether or not agglomerated; retort carbon

▼ **M31**

CN code	Description
2707 30	Xylol (xylenes)
2708	Pitch and Pitch coke, obtained from coal tar or from other mineral tars
2710	Petroleum oils and oils obtained from bituminous minerals (excl. crude); preparations containing ≥ 70 % by weight of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations, n.e.s.; waste oils containing mainly petroleum or bituminous minerals
2712	Petroleum jelly, paraffin wax, micro- crystalline petroleum wax, slack wax, ozokerite, lignite wax, peat wax, other mineral waxes, and similar products obtained by synthesis or by other processes, whether or not coloured
2715	Bituminous mastics, cut-backs and other bituminous mixtures based on natural asphalt, on natural bitumen, on petroleum bitumen, on mineral tar or on mineral tar pitch - Other
Ex 2804	Hydrogen and other non-metals (excluding rare gases)
2806	Hydrogen chloride 'hydrochloric acid'; chlorosulphuric acid
2811	Other inorganic acids and other inorganic oxygen compounds of non-metals
2813	Sulphides of non-metals; commercial phosphorus trisulphide
2814	Ammonia, anhydrous or in aqueous solution
2815	Sodium hydroxide (caustic soda), potassium hydroxide (caustic potash); peroxides of sodium or potassium
2818 30	aluminium hydroxide
2819	Chromium oxides and hydroxides
2820	Manganese oxides
2825	Hydrazine and hydroxylamine and their inorganic salts; inorganic bases, metal oxides, hydroxides and peroxides, n.e.s.
2827	Chlorides, chloride oxides and chloride hydroxides; bromides and bromide oxides; iodides and iodide oxides
2828	Hypochlorites; commercial calcium hypochlorite; chlorites; hypobromites
2829	Chlorates and perchlorates; bromates and perbromates; iodates and periodates
2832 20	Sulphites (excluding sodium)
2833	Sulphates; alums; peroxosulphates (persulphates)
2834 10	Nitrites
2836	Carbonates; peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate
2839	Silicates; commercial alkali metal silicates

▼ **M31**

CN code	Description
2840 30	Peroxoborates (perborates)
2841	Salts of oxometallic or peroxometallic acids
2843	Colloidal precious metals; inorganic or organic compounds of precious metals, whether or not chemically defined; amalgams of precious metals
2846	Compounds, inorganic or organic, of rare-earth metals, of yttrium or of scandium or of mixtures of these metals
2847	Hydrogen peroxide, whether or not solidified with urea
2901	Acyclic hydrocarbons
2902	Cyclic hydrocarbons
2903	Halogenated derivatives of hydrocarbons
2904	Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated
2905	Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives
2906	Cyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives
2907	Phenols; phenol-alcohols
2909	Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxide, ketone peroxides, whether or not chemically defined, and their halogenated, sulphonated, nitrated or nitrosated derivatives
2910	Epoxides, epoxyalcohols, epoxyphenols and epoxyethers, with a three-membered ring, and their halogenated, sulphonated, nitrated or nitrosated derivatives
2911	Acetals and hemiacetals, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives
2912	Aldehydes, whether or not with other oxygen function; cyclic polymers of aldehydes; para-formaldehyde
2914	Ketones and quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives
2915	Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives
2916	Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives
2917	Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives
2920	Esters of inorganic acids of non-metals (excluding esters of hydrogen halides) and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives

▼ M31

CN code	Description
2921 22	Hexamethylenediamine and its salts
2921 41	Aniline and its salts
2922 11	Monoethanolamine and its salts
2922 43	Anthranilic acid and its salts
2923 20	Lecithins and other phosphoaminolipids
2924	Carboxamide-function compounds; amide-function compounds of carbonic acid
2925	Carboxyimide-function compounds (including saccharin and its salts) and imine- function compounds
2926	Nitrile-function compounds
2930	Organo-sulphur compounds
2933 29	Heterocyclic compounds with nitrogen hetero-atom(s) only, containing an unfused imidazole ring (whether or not hydrogenated) in the structure (excluding hydantoin and its derivatives, and products of subheading 3002 10)
2933 54	Other derivatives of malonylurea (barbituric acid); salts thereof
2933 71	6-Hexanelactam (epsilon-caprolactam)
2933 79	Lactams (excl. 6-hexanelactam 'epsilon-caprolactam', clobazam (inn), methyprylon(inn), and inorganic or organic compounds of mercury)
2933 99	Other heterocyclic compounds with nitrogen hetero-atom(s) only
3201	Tanning extracts of vegetable origin; tannins and their salts, ethers, esters and other derivatives
3202	Synthetic organic tanning substances; inorganic tanning substances; tanning preparations, whether or not containing natural tanning substances; enzymatic preparations for pre-tanning
3203	colouring matter of vegetable or animal origin, incl. dye extracts (excl. animal black), whether or not chemically defined; preparations based on colouring matter of vegetable or animal origin of a kind used to dye fabrics or produce colorant preparations (excl. preparations of heading 3207, 3208, 3209, 3210, 3213 and 3215) - Other
3204 90	Synthetic organic colouring matter, whether or not chemically defined; preparations as specified in note 3 to this chapter based on synthetic organic colouring matter; synthetic organic products of a kind used as fluorescent brightening agents or as luminophores, whether or not chemically defined
3205	colour lakes (other than chinese or japanese lacquer and paints); preparations based on colour lakes of a kind used to dye fabrics or produce colorant preparations (excl. preparations of heading 3207, 3208, 3209, 3210, 3213 and 3215)
3206 41	ultramarine and preparations based thereon of a kind used for colouring any material or produce colorant preparations (excl. preparations of heading 3207, 3208, 3209, 3210, 3213 and 3215)

▼ **M31**

CN code	Description
3206 49	inorganic or mineral colouring matter, n.e.s.; preparations based on inorganic or mineral colouring matter of a kind used for colouring any material or produce colorant preparations, n.e.s. (excl. preparations of heading 3207, 3208, 3209, 3210, 3213 and 3215 and inorganic products of a kind used as liminophores) - Other
3207	Prepared pigments, prepared opacifiers and prepared colours, vitrifiable enamels and glazes, engobes, liquid lustres and similar preparations of a kind used in the ceramic, enamelling or glass industry; glass frit and other glass in the form of powder, granules or flakes
3208	Paints and varnishes, incl. enamels and lacquers, based on synthetic polymers or chemically modified natural polymers, dispersed or dissolved in a non-aqueous medium; solutions of products of headings 3901 to 3913 in volatile organic solvents, containing > 50 % solvent by weight (excl. solutions of collodion)
3209	Paints and varnishes, incl. enamels and lacquers, based on synthetic polymers or chemically modified natural polymers, dispersed or dissolved in an aqueous medium
3210	Other paints and varnishes (including enamels, lacquers and distempers); prepared water pigments of a kind used for finishing leather
3212 90	Pigments (including metallic powders and flakes) dispersed in non- aqueous media, in liquid or paste form, of a kind used in the manufacture of paints (including enamels); stamping foils; dyes and other colouring matter put up in forms or packings for retail sale - Other
3214	Glaziers' putty, grafting putty, resin cements, caulking compounds and other mastics; painters' fillings; non-refractory surfacing preparations for façades, indoor walls, floors, ceilings or the like
3215 11	Printing ink - Black
3215 19	Printing ink - Other
3403	Lubricant preparations, incl. cutting-oil preparations, bolt or nut release preparations, anti-rust or anti-corrosion preparations and mould-release preparations based on lubricants; textile lubricant preparations and preparations of a kind used for the oil or grease treatment of textile materials, leather, furskins or other materials (excl. preparations containing, as basic constituents, ≥ 70 % petroleum oil or bituminous mineral oil by weight)
3505 10	Dextrins and other modified starches
3506 99	Prepared glues and other prepared adhesives, not elsewhere specified or included; products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg - Other
3701 20	Instant print film
3701 91	For colour photography (polychrome)
3702	Photographic film in rolls, sensitised, unexposed, of any material other than paper, paperboard or textiles; instant print film in rolls, sensitised, unexposed
3703	Photographic paper, paperboard and textiles, sensitised, unexposed

▼ M31

CN code	Description
3705	photographic plates and film, exposed and developed (excl. products made of paper, paperboard or textiles, cinematographic film and ready-to-use printing plates)
3706	cinematographic film, exposed and developed, whether or not incorporating soundtrack or consisting only of soundtrack
3801 20	colloidal or semi-colloidal graphite
3806 20	salts of rosin, of resin acids or of derivatives of rosin or resin acids (excl. salts of rosin adducts)
3807	wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewer's pitch and similar preparations based on rosin, resin acids or vegetable pitch (excl. burgundy pitch, yellow pitch, stearin pitch, fatty acid pitch, fatty tar and glycerin pitch)
3809	Finishing agents, dye carriers to accelerate the dyeing or fixing of dyestuffs and other products and preparations such as dressings and mordants of a kind used in the textile, paper, leather or like industries, n.e.s.
3810	Pickling preparations for metal surfaces; fluxes and other auxiliary preparations for soldering, brazing or welding; soldering, brazing or welding pastes and powders consisting of metal and other materials; preparations of a kind used as coatings or cores for welding electrodes or rods
3811	anti-knock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anti-corrosive preparations and other prepared additives, for mineral oils, incl. gasoline, or for other liquids used for the same purposes as mineral oils
3812	prepared rubber accelerators; compound plasticisers for rubber or plastics, not elsewhere specified or included; anti-oxidising preparations and other compound stabilisers for rubber or plastics
3813	preparations and charges for fire-extinguishers; charged fire-extinguishing grenades (excl. full or empty fire-extinguishing devices, whether or not portable, unmixed chemically undefined products with fire-extinguishing properties in other forms)
3814	organic composite solvents and thinners, n.e.s.; prepared paint or varnish removers (excl. nail varnish remover)
3815	Reaction initiators, reaction accelerators and catalytic preparations, n.e.s. (excl. rubber accelerators)
3816	Refractory cements, mortars, concretes and similar compositions, including dolomite ramming mix, other than products of heading 3801
3817	mixed alkylbenzenes and mixed alkyl-naphthalenes produced by the alkylation of benzene and naphthalene (excl. mixed isomers of cyclic hydrocarbons)
3819	hydraulic brake fluids and other prepared liquids for hydraulic transmission not containing petroleum oil or bituminous mineral oil, or containing < 70 % petroleum oil or bituminous mineral oil by weight
3820	anti-freezing preparations and prepared de-icing fluids (excl. prepared additives for mineral oils or other liquids used for the same purposes as mineral oils)

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CN code	Description
3823 13	tall oil fatty acids, industrial
3824	Prepared binders for foundry moulds or cores; chemical products and preparations for the chemical or allied industries, (including those consisting of mixtures of natural products), not elsewhere specified or included
3825 90	residual products of the chemical or allied industries, n.e.s. (excl. waste)
3826	biodiesel and mixtures thereof, not containing or containing < 70 % by weight of petroleum oils or oils obtained from bituminous mineral
3827 90	Mixtures containing halogenated derivatives of methane, ethane or propane (excl. those of subheadings 3824.71.00 to 3824.78.00)
3901 40	ethylene-alpha-olefin copolymers, having a specific gravity of < 0,94, in primary forms
3902	Polymers of propylene or of other olefins, in primary forms
3903	Polymers of styrene, in primary forms
3904	Polymers of vinyl chloride or of other halogenated olefins, in primary forms
3905	Polymers of vinyl acetate or of other vinyl esters, in primary forms; other vinyl polymers, in primary forms
3906	Acrylic polymers, in primary forms
3907 29	Other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters, in primary forms (excluding polyacetals and bis(polyoxyethylene) methylphosphonate)
3907 40	Polycarbonates, in primary forms
3907 70	Poly'lactic acid', in primary forms
3907 91	Unsaturated polyallyl esters and other polyesters, in primary forms (excl. polycarbonates, alkyd resins, poly'ethylene terephthalate' and poly'lactic acid')
3908	Polyamides, in primary forms
3909	Amino-resins, phenolic resins and polyurethanes, in primary forms
3910	Silicones in primary forms
3911	Petroleum resins, coumarone-indene resins, polyterpenes, polysulphides, polysulphones and other products specified in note 3 to Chapter 39, not elsewhere specified or included, in primary forms
3912	Cellulose and its chemical derivatives, not elsewhere specified or included, in primary forms
3915 20	Waste, parings and scrap, of polymers of styrene

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CN code	Description
3917	Tubes, pipes and hoses, and fittings therefor (for example joints, elbows, flanges), of plastics
3920	Other plates, sheets, film, foil and strip, of plastics, non-cellular and not reinforced, laminated, supported or similarly combined with other materials
3921	Other plates, sheets, film, foil and strip, of plastics
3922 90	Bidets, lavatory pans, flushing cisterns and similar sanitary ware, of plastics (excl. baths, shower-baths, sinks, washbasins, lavatory seats and covers)
3925	Builders' ware of plastics, not elsewhere specified or included
4002	Synthetic rubber and factice derived from oils, in primary forms or in plates, sheets or strip; mixtures of natural rubber, balata, gutta-percha, guayule, chicle or similar types of natural rubber with synthetic rubber or factice, in primary forms or in plates, sheets or strip
4005	Compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip
4006 10	'camel-back' strips of unvulcanised rubber, for retreading rubber tyres
4008 21	plates, sheets and strip, of non-cellular rubber
4009 12	tubes, pipes and hoses, of vulcanised rubber (excl. hard rubber), not reinforced or otherwise combined with other materials, with fittings
4009 41	tubes, pipes and hoses, of vulcanised rubber (excl. hard rubber), reinforced or otherwise combined with materials other than metal or textile materials, without fittings
4010	Conveyor or transmission belts or belting, of vulcanised rubber
4011 20	New pneumatic tyres, of rubber, of a kind used for buses and lorries
4011 80	New pneumatic tyres, of rubber, of a kind used on construction, mining or industrial handling vehicles and machines
4012	Retreaded or used pneumatic tyres of rubber; solid or cushion tyres, tyre treads and tyre flaps, of rubber
4016 93	gaskets, washers and other seals, of vulcanised rubber (excl. hard rubber and those of cellular rubber)
4407	wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or end-jointed, of a thickness of > 6 mm
4408 10	sheets for veneering, incl. those obtained by slicing laminated wood, for coniferous plywood or for other similar laminated coniferous wood and other coniferous wood, sawn lengthwise, sliced or peeled, whether or not planed, sanded, spliced or end-jointed, of a thickness of ≤ 6 mm
4411 13	medium density fibreboard 'mdf' of wood, of a thickness > 5 mm but ≤ 9 mm

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CN code	Description
4411 94	fibreboard of wood or other ligneous materials, whether or not agglomerated with resins or other organic bonding agents, of a density of $\leq 0,5 \text{ g/cm}^3$ (excl. medium density fibreboard'mdf'; particle board, whether or not bonded with one or more sheets of fibreboard; laminated wood with a layer of plywood; cellular wood panels of which both sides are fibreboard; paperboard; identifiable furniture components)
4412	Plywood, veneered panel and similar laminated wood
4416	casks, barrels, vats, tubs and other coopers' products parts thereof, of wood, incl. staves
4418 40	wooden shuttering for concrete constructional work (excl. plywood boarding)
4418 60	posts and beams, of wood
4418 79	flooring panels, assembled, of wood other than bamboo (excl. multilayer panels and panels for mosaic floors)
4503	Articles of natural cork
4504	Agglomerated cork (with or without a binding substance) and articles of agglomerated cork:
4701	Mechanical wood pulp, not chemically treated
4703	Chemical wood pulp, soda or sulphate (excl. dissolving grades)
4704	Chemical wood pulp, sulphite (excl. dissolving grades)
4705	wood pulp obtained by a combination of mechanical and chemical pulping processes
4706	Pulps of fibres derived from recovered (waste and scrap) paper or paperboard or of other fibrous cellulosic material
4707	Recovered (waste and scrap) paper or paperboard
4802 20	paper and paperboard of a kind used as a base for photosensitive, heat-sensitive or electro-sensitive paper and paperboard, uncoated, in rolls or in square or rectangular sheets, of any size
4802 40	wallpaper base, uncoated
4802 58	uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and non-perforated punchcards and punch-tape paper, in rolls or in square or rectangular sheets, of any size, not containing fibres obtained by a mechanical or chemi-mechanical process or of which $\leq 10 \%$ by weight of the total fibre content consists of such fibres, weighing $> 150 \text{ g/m}^2$, n.e.s.
4802 61	uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and non-perforated punchcards and punch-tape paper, in rolls of any size, of which $> 10 \%$ by weight of the total fibre content consists of fibres obtained by a mechanical or chemi-mechanical process, n.e.s.
4804	Uncoated kraft paper and paperboard, in rolls of a width $> 36 \text{ cm}$ or in square or rectangular sheets with one side $> 36 \text{ cm}$ and the other side $> 15 \text{ cm}$ in the unfolded state (excl. goods of heading 4802 or 4803)

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CN code	Description
4805	Other paper and paperboard, uncoated, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state, not worked other than as specified in note 3 to this chapter, n.e.s.
4806	Vegetable parchment, greaseproof papers, tracing papers and glassine and other glazed transparent or translucent papers, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state
4807	Composite paper and paperboard 'made by sticking flat layers of paper or paperboard together with an adhesive', not surface-coated or impregnated, whether or not internally reinforced, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state
4808	Corrugated paper and paperboard 'with or without glued flat surface sheets', creped, crinkled, embossed or perforated, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state (excl. goods of heading 4803)
4809	Carbon paper, self-copy paper and other copying or transfer papers, incl. coated or impregnated paper for duplicator stencils or offset plates, whether or not printed, in rolls of a width > 36 cm or in square or rectangular sheets with one side > 36 cm and the other side > 15 cm in the unfolded state
4810	Paper and paperboard, coated on one or both sides with kaolin 'china clay' or other inorganic substances, with or without a binder, and with no other coating, whether or not surface-coloured, surface-decorated or printed, in rolls or in square or rectangular sheets, of any size (excl. all other coated papers and paperboards)
4811 10	tarred, bituminised or asphalted paper and paperboard, in rolls or in square or rectangular sheets, of any size
4811 51	paper and paperboard, surface-coloured, surface-decorated or printed, coated, impregnated or covered with artificial resins or plastics, in rolls or in square or rectangular sheets, of any size, bleached and weighing > 150 g/m ² (excl. adhesives)
4811 59	paper and paperboard, surface-coloured, surface-decorated or printed, coated, impregnated or covered with artificial resins or plastics, in rolls or in square or rectangular sheets, of any size (excl. bleached and weighing > 150 g/m ² , and adhesives)
4811 60	paper and paperboard, coated, impregnated or covered with wax, paraffin wax, stearin, oil or glycerol, in rolls or in square or rectangular sheets, of any size (excl. goods of heading 4803, 4809 and 4818)
4811 90	paper, paperboard, cellulose wadding and webs of soft cellulose, coated, impregnated, covered, surface-coloured, surface-decorated or printed, in rolls or in square or rectangular sheets, of any size (excl. goods of heading 4803, 4809, 4810 and 4818, and of subheading 4811.10 to 4811.60)
4814 90	wallpaper and similar wallcoverings of paper, and window transparencies of paper (excl. wallcoverings of paper, consisting of paper coated or covered, on the face side, with a grained, embossed, coloured or design-printed or otherwise decorated layer of plastics)

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CN code	Description
4819 20	folding cartons, boxes and cases, of non-corrugated paper or paperboard
4822	Bobbins, spools, cops and similar supports of paper pulp, paper or paperboard, whether or not perforated or hardened
4823	Paper, paperboard, cellulose wadding and webs of cellulose fibres, in strips or rolls of a width \leq 36 cm, in rectangular or square sheets of which no side $>$ 36 cm in the unfolded state, or cut to shape other than rectangular or square, and articles of paper pulp, paper, paperboard, cellulose wadding or webs or cellulose fibres, n.e.s
4906	Plans and drawings for architectural, engineering, industrial, commercial, topographical or similar purposes, being originals drawn by hand; handwritten texts; photographic reproductions on sensitised paper and carbon copies of the foregoing
5105	Wool and fine or coarse animal hair, carded or combed, incl. combed wool in fragments
5106	Carded wool yarn (excl. that put up for retail sale)
5107	Yarn of combed wool (excl. that put up for retail sale)
5112	Woven fabrics of combed wool or of combed fine animal hair (excl. fabrics for technical purposes of heading 5911)
5205	Cotton yarn other than sewing thread, containing \geq 85 % cotton by weight (excl. that put up for retail sale)
5206 42	multiple 'folded' or cabled cotton yarn containing predominantly, but $<$ 85 % cotton by weight, of combed fibres and with a linear density of 232,56 decitex to $<$ 714,29 decitex ' $>$ mn 14 to mn 43' per single yarn (excl. sewing thread and yarn put up for retail sale)
5209 11	plain woven fabrics of cotton, containing \geq 85 % cotton by weight and weighing $>$ 200 g/m ² , unbleached
5211	Woven fabrics of cotton, containing predominantly, but $<$ 85 % cotton by weight, mixed principally or solely with man-made fibres and weighing $>$ 200 g/m ²
5308	Yarn of other vegetable textile fibres; paper yarn
5402 63	multiple 'folded' or cabled filament yarn of polypropylene, incl. monofilament of $<$ 67 decitex (excl. sewing thread, yarn put up for retail sale and textured yarn)
5403	Artificial filament yarn, incl. artificial monofilament of $<$ 67 decitex (excl. sewing thread and yarn put up for retail sale)
5404	Synthetic monofilament of \geq 67 decitex and with a cross sectional dimension of \leq 1 mm; strip and the like, e.g. artificial straw, of synthetic textile material, with an apparent width of \leq 5 mm
5407 30	woven fabrics of synthetic filament yarn, incl. monofilament of \geq 67 decitex and with a cross sectional dimension of \leq 1 mm, consisting of layers of parallel textile yarns superimposed on each other at acute or right angles, the layers being bonded at the intersections of the yarns by an adhesive or by thermal bonding

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CN code	Description
5501	Synthetic filament tow as specified in note 1 to chapter 55
5502	Artificial filament tow as specified in note 1 to chapter 55
5503	Synthetic staple fibres, not carded, combed or otherwise processed for spinning
5504 90	artificial staple fibres, not carded, combed or otherwise processed for spinning (excl. those of viscose rayon)
5506	Synthetic staple fibres, carded, combed or otherwise processed for spinning
5507	Artificial staple fibres, carded, combed or otherwise processed for spinning
5512 21	woven fabrics containing \geq 85 % acrylic or modacrylic staple fibres by weight, unbleached or bleached
5512 99	woven fabrics containing \geq 85 % synthetic staple fibres by weight, dyed, made of yarn of different colours or printed (excl. those of acrylic, modacrylic or polyester staple fibres)
5516	woven fabrics of artificial staple fibres
5601 29	wadding of textile materials and articles thereof (excl. of cotton or man-made fibres; sanitary towels and tampons, napkins and napkin liners for babies and similar sanitary articles, wadding and articles thereof, impregnated or covered with medicated substances or put up for retail for medical, surgical, dental or veterinary purposes, or impregnated, coated or covered with perfumes, make-up, soaps, cleansing agents, etc.)
5601 30	textile flock and dust and mill neps
5604	Textile-covered rubber thread and cord; textile yarn, strip and the like of heading 5404 and 5405, impregnated, coated, covered or sheathed with rubber or plastics (excl. imitation catgut, thread and cord with fish-hook attachments or otherwise put up as fishing line)
5605	Metallised yarn, whether or not gimped, being textile yarn, or strip or the like of heading 5404 or 5405, of textile fibres, combined with metal in the form of thread, strip or powder or covered with metal (excl. yarns manufactured from a mixture of textile fibres and metal fibres, with anti-static properties; yarns reinforced with metal wire; articles with the character of trimmings)
5607 41	binder or baler twine, of polyethylene or polypropylene
5801 27	warp pile fabrics, of cotton (excl. terry towelling and similar woven terry fabrics, tufted textile fabrics and narrow woven fabrics of heading 5806)
5803	Gauze (excl. narrow woven fabrics of heading 5806)
5806 40	narrow fabrics consisting of warp without weft assembled by means of an adhesive 'bolducs', with a width of \leq 30 cm
5901	Textile fabrics coated with gum or amylaceous substances, of a kind used for the outer covers of books, the manufacture of boxes and articles of cardboard or the like; tracing cloth; prepared painting canvas; buckram and similar stiffened textile fabrics of a kind used for hat foundations (excl. plastic-coated textile fabrics)

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CN code	Description
5905	Textile wallcoverings
5908	Textile wicks, woven, plaited or knitted, for lamps, stoves, lighters, candles or the like; incandescent gas mantles and tubular knitted gas-mantle fabric for incandescent gas mantles, whether or not impregnated (excl. wax-covered wicks of the taper variety, fuses and detonating fuses, wicks in the form of textile yarn and glass-fibre wicks)
5910	Transmission or conveyor belts or belting, of textile material, whether or not impregnated, coated, covered or laminated with plastics, or reinforced with metal or other material (excl. those of a thickness of < 3 mm and of indeterminate length or cut to length only, and those impregnated, coated, covered or laminated with rubber or made of yarn or cord impregnated or coated with rubber)
5911 10	textile fabrics, felt and felt-lined woven fabrics, coated, covered or laminated with rubber, leather or other material, of a kind used for card clothing, and similar fabrics of a kind used for other technical purposes, incl. narrow fabrics made of velvet impregnated with rubber, for covering weaving spindles 'weaving beams'
5911 31	textile fabrics and felts, endless or fitted with linking devices, of a kind used in papermaking or similar machines, e.g. for paper pulp or asbestos-cement, weighing < 650 g/m ²
5911 32	textile fabrics and felts, endless or fitted with linking devices, of a kind used in papermaking or similar machines, e.g. for paper pulp or asbestos-cement, weighing ≥ 650 g/m ²
5911 40	straining cloth of a kind used in oil-presses or for similar technical purposes, incl. that of human hair
6001 99	pile fabrics, knitted or crocheted (excl. cotton or man-made fibres and 'long pile' fabrics)
6003	Knitted or crocheted fabrics, of a width ≤ 30 cm (excl. those containing by weight ≥ 5 % of elastomeric yarn or rubber thread, and pile fabrics, incl. 'long pile', looped pile fabrics, labels, badges and similar articles, and knitted or crocheted fabrics, impregnated, coated, covered or laminated)
6005 36	unbleached or bleached warp knit fabrics of synthetic fibres 'incl. those made on galloon knitting machines', of a width of > 30 cm (excl. those containing by weight ≥ 5 % of elastomeric yarn or rubber thread, and pile fabrics, incl. 'long pile', looped pile fabrics, labels, badges and similar articles, and knitted or crocheted fabrics, impregnated, coated, covered or laminated)
6005 44	printed warp knit fabrics of artificial fibres 'incl. those made on galloon knitting machines', of a width of > 30 cm (excl. those containing by weight ≥ 5 % of elastomeric yarn or rubber thread, and pile fabrics, incl. 'long pile', looped pile fabrics, labels, badges and similar articles, and knitted or crocheted fabrics, impregnated, coated, covered or laminated)
6006 10	fabrics, knitted or crocheted, of a width of > 30 cm, of wool or fine animal hair (excl. warp knit fabrics 'incl. those made on galloon knitting machines', those containing by weight ≥ 5 % of elastomeric yarn or rubber thread, and pile fabrics, incl. 'long pile', looped pile fabrics, labels, badges and similar articles, and knitted or crocheted fabrics, impregnated, coated, covered or laminated)

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CN code	Description
6309	Worn clothing and clothing accessories, blankets and travelling rugs, household linen and articles for interior furnishing, of all types of textile materials, incl. all types of footwear and headgear, showing signs of appreciable wear and presented in bulk or in bales, sacks or similar packings (excl. carpets, other floor coverings and tapestries)
6802 92	calcareous stone, in any form (excl. marble, travertine and alabaster, tiles, cubes and similar articles of subheading 6802.10, imitation jewellery, clocks, lamps and lighting fittings and parts thereof, original sculptures and statuary, setts, curbstones and flagstones)
6804 23	millstones, grindstones, grinding wheels and the like, without frameworks, for sharpening, polishing, trueing or cutting, of natural stone (excl. of agglomerated natural abrasives or ceramics, perfumed pumice stones, hand sharpening or polishing stones, and grinding wheels etc. specifically for dental drill engines)
6806	Slag-wool, rock-wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating, sound-insulating or soundabsorbing mineral materials, other than those of heading 6811 or 6812 or of Chapter 69
6807	Articles of asphalt or of similar materials, e.g. petroleum bitumen or coal tar pitch
6809 19	boards, sheets, panels, tiles and similar articles, of plaster or compositions based on plaster (excl. ornamented, faced or reinforced with paper or paperboard only, and with plaster agglomerated articles for heat-insulation, sound-insulation or sound absorption)
6810 91	prefabricated structural components for building or civil engineering of cement, concrete or artificial stone, whether or not reinforced
6811	Articles of asbestos-cement, cellulose fibre-cement or the like
6813	Friction material and articles thereof, e.g., sheets, rolls, strips, segments, discs, washers, pads, not mounted, for brakes, clutches or the like, with a basis of asbestos, other mineral substances or cellulose, whether or not combined with textile or other materials (excl. mounted friction material)
6814 90	worked mica and articles of mica (excl. electrical insulators, insulating fittings, resistors and capacitors, protective goggles of mica and their glasses, mica in the form of christmas tree decorations, and plates, sheets and strips of agglomerated or reconstituted mica, whether or not on supports)
6901	bricks, blocks, tiles and other ceramic goods of siliceous fossil meals, e.g. kieselguhr, tripolite or diatomite, or of similar siliceous earths
6904 10	building bricks (excl. those of siliceous fossil meals or similar siliceous earths, and refractory bricks of heading 6902)
6905	Roofing tiles, chimney pots, cowls, chimney liners, architectural ornaments and other ceramic constructional goods

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CN code	Description
6906 00	ceramic pipes, conduits, guttering and pipe fittings (excl. of siliceous fossil meals or similar siliceous earths, refractory ceramic goods, chimney liners, pipes specifically manufactured for laboratories, insulating tubing and fittings and other piping for electrotechnical purposes)
6907 22	ceramic flags and paving, hearth or wall tiles, of a water absorption coefficient by weight > 0,5 % but ≤ 10 % (excl. mosaic cubes and finishing ceramics)
6907 40	finishing ceramics
6909 90	ceramic troughs, tubs and similar receptacles of a kind used in agriculture; ceramic pots, jars and similar articles of a kind used for the conveyance or packing of goods (excl. general-purpose storage vessels for laboratories, containers for shops and household articles)
7002	Glass in balls (other than microspheres of heading 7018), rods or tubes, unworked
7003	Cast glass and rolled glass, in sheets or profiles, whether or not having an absorbent, reflecting or non-reflecting layer, but not otherwise worked
7004	Sheets of glass, drawn or blown, whether or not having an absorbent, reflecting or non-reflecting layer, but not otherwise worked
7005	Float glass and surface ground or polished glass, in sheets, whether or not having an absorbent, reflecting or non-reflecting layer, but not otherwise worked
7007 11	toughened 'tempered' safety glass, of size and shape suitable for incorporation in motor vehicles, aircraft, spacecraft, vessels and other vehicles
7007 29	laminated safety glass (excl. glass of size and shape suitable for incorporation in motor vehicles, aircraft, spacecraft, vessels or other vehicles, multiple-walled insulating units)
7011 10	glass envelopes, incl. bulbs and tubes, open, and glass parts thereof, without fittings, for electric lighting
72	Iron and steel
7301	sheet piling of iron or steel, whether or not drilled, punched or made from assembled elements; welded angles, shapes and sections, of iron or steel
7302	railway or tramway track construction material of iron or steel, the following: rails, check-rails and rack rails, switch blades, crossing frogs, point rods and other crossing pieces, sleepers 'cross-ties', fish-plates, chairs, chair wedges, sole plates 'base plates', rail clips, bedplates, ties and other material specialised for jointing or fixing rails
7303	tubes, pipes and hollow profiles, of cast iron
7304	tubes, pipes and hollow profiles, seamless, of iron (other than cast iron) or steel
7305	Tubes and pipes, n.e.s. (for example, welded, riveted or similarly closed), having circular cross-sections, the external diameter of which exceeds 406,4 mm, of iron or steel

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CN code	Description
7306	tubes, pipes and hollow profiles n.e.s (for example, open seam or welded, riveted or similarly closed), of iron or steel
7307	tube or pipe fittings (for example couplings, elbows, sleeves), of iron or steel
7308	Structures and parts of structures (for example bridges and bridge-sections, lock-gates, towers, lattice masts, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, shutters, balustrades, pillars and columns), of iron or steel; plates, rods, angles, shapes, sections, tubes and the like, prepared for use in structures, of iron or steel (excl. prefabricated buildings of heading 9406)
7309	Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment
7310	Tanks, casks, drums, cans, boxes and similar containers, of iron or steel, for any material 'other than compressed or liquefied gas', of a capacity of \leq 300 l, not fitted with mechanical or thermal equipment, whether or not lined or heat-insulated, n.e.s
7311	Containers of iron or steel, for compressed or liquefied gas (excl. containers specifically constructed or equipped for one or more types of transport)
7314 12	Endless bands of stainless steel wire, for machinery
7318 24	Cotters and cotter pins, of iron or steel
7320 20	Helical springs, of iron or steel (excl. flat spiral springs, clock and watch springs, springs for sticks and handles of umbrellas or parasols, and shock absorbers of Section 17)
7322 90	Air heaters and hot-air distributors, incl. distributors which can also distribute fresh or conditioned air, non-electrically heated, incorporating a motor-driven fan or blower, and parts thereof, of iron or steel
7324 29	baths of steel sheet
7407	Copper bars, rods and profiles
7408	Copper wire
7409	Copper plates, sheets and strip, of a thickness exceeding 0,15 mm
7411	Copper tubes and pipes
7412	Copper tube or pipe fittings (for example couplings, elbows, sleeves)
7413	Stranded wire, cables, plaited bands and the like, of copper (not electrically insulated)
7415 21	washers, 'incl. spring washers and spring lock washers', of copper
7505	Nickel bars, rods, profiles and wire
7506	Nickel plates, sheets, strip and foil

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CN code	Description
7507	Tubes, pipes and tube or pipe fittings 'e.g., couplings, elbows, sleeves', of nickel
7508	Other articles of nickel
7605	Aluminium wire
7606	Aluminium plates, sheets and strip, of a thickness exceeding 0,2 mm
7607 20	Aluminium foil, backed, of a thickness (excl. any backing) of $\leq 0,2$ mm (excl. stamping foils of heading 3212, and foil made up as christmas tree decorating material)
7608	Aluminium tubes and pipes
7609	Aluminium tube or pipe fittings (for example couplings, elbows, sleeves)
7610	Structures and parts of structures 'e.g., bridges and bridge-sections, towers, lattice masts, pillars and columns, roofs, roofing frameworks, doors and windows and their frames and thresholds for doors, shutters, balustrades', of aluminium (excl. prefabricated buildings of heading 9406); plates, rods, profiles, tubes and the like, prepared for use in structures, of aluminium
7611	Reservoirs, tanks, vats and similar containers, of aluminium, for any material (other than compressed or liquefied gas), of a capacity of > 300 l, not fitted with mechanical or thermal equipment, whether or not lined or heat-insulated (excl. containers specifically constructed or equipped for one or more types of transport)
7612	Casks, drums, cans, boxes and similar containers, incl. rigid or collapsible tubular containers, of aluminium, for any material (other than compressed or liquefied gas), of a capacity of ≤ 300 l, not fitted with mechanical or thermal equipment, whether or not lined or heat-insulated, n.e.s.
7613	Aluminium containers for compressed or liquefied gas
7616 10	Nails, tacks, staples (other than those of heading 8305), screws, bolts, nuts, screw hooks, rivets, cotters, cotter pins, washers and similar articles
7804	Lead plates, sheets, strip and foil; lead powders and flakes
7905	zinc plates, sheets, strip and foil
8001	Unwrought tin
8003	Tin bars, rods, profiles and wire
8007	Articles of tin
8101 10	Tungsten powders
8102	Molybdenum and articles thereof, including waste and scrap
8105 90	Articles of cobalt
8109	Zirconium and articles thereof, including waste and scrap

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CN code	Description
8111	Manganese and articles thereof, including waste and scrap
8202 20	Bandsaw blades of base metal
8207	Interchangeable tools, for hand tools, whether or not power-operated, or for machine tools (for example for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), including dies for drawing or extruding metal, and rock-drilling or earth-boring tools
8208 10	Knives and cutting blades, for machines or for mechanical appliances - for metalworking
8208 20	Knives and cutting blades, for machines or for mechanical appliances - for wood- working
8208 30	Knives and cutting blades, for machines or for mechanical appliances - used by the food industry
8208 90	Knives and cutting blades, for machines or for mechanical appliances - other
8301 20	Locks used for motor vehicles, of base metal
8301 70	Keys presented separately
8302 30	Other mountings, fittings and similar articles suitable for motor vehicles
8307	Flexible tubing of base metal, with or without fittings
8309	Stoppers, caps and lids, incl. crown corks, screw caps and pouring stoppers, capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal
8402	Steam or other vapour generating boilers (excl. central heating hot water boilers capable also of producing low pressure steam); superheated water boilers; parts thereof
8404	Auxiliary plant for use with boilers of heading 8402 or 8403, e.g. economizers, superheaters, soot removers and gas recoverers; condensers for steam or other vapour power units; parts thereof
8405	Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers; parts thereof (excl. coke ovens, electrolytic process gas generators and carbide lamps)
8406	Steam turbines and other vapour turbines; parts thereof
8407	Spark-ignition reciprocating or rotary internal combustion piston engine
8408	Compression-ignition internal combustion piston engine 'diesel or semi-diesel engine'
8409	Parts suitable for use solely or principally with internal combustion piston engine of heading 8407 or 8408
8410	Hydraulic turbines, water wheels, and regulators therefor (excl. hydraulic power engines and motors of heading 8412)

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CN code	Description
8412	Engines and motors (excluding steam turbines, internal combustion piston engine, hydraulic turbines, water wheels, turbojets, turbopropellers, and gas turbines); parts thereof
8413	Pumps for liquids, whether or not fitted with a measuring device; liquid elevators; parts thereof
8414 10	vacuum pumps
8414 90	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; gas-tight biological safety cabinets, whether or not fitted with filters – Parts
8415 83	Other air-conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated - not incorporating a refrigerating unit
8416	Furnace burners for liquid fuel, for pulverised solid fuel or for gas; mechanical stokers, incl. their mechanical grates, mechanical ash dischargers and similar appliances; parts thereof
8417	Industrial or laboratory furnaces and ovens, including incinerators, non-electric
8419 19	instantaneous or storage water heaters, non-electric (excl. instantaneous gas water heaters and boilers or water heaters for central heating)
8419 40	Distilling or rectifying plant
8419 50	Heat-exchange units (excl. those used with boilers)
8419 89	Machinery, plant or laboratory equipment, whether or not electrically heated, for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, sterilising, pasteurising, steaming, evaporating, vaporising, condensing or cooling, n.e.s. (excl. machinery used for domestic purposes and furnaces, ovens and other equipment of heading 8514)
8419 90	Parts of machinery, plant and laboratory equipment, whether or not electrically heated, for the treatment of materials by a process involving a change of temperature, and of non-electric instantaneous and storage water heaters, n.e.s.
8420 99	Parts of calendering or other rolling machines, other than for metals or glass, and cylinders therefor – Other
Ex8421	Centrifuges, incl. centrifugal dryers (excl. those for isotope separation); filtering or purifying machinery and apparatus, for liquids or gases (excl. such machinery and apparatus for water and other beverages, and excl. artificial kidneys; parts thereof
8424 20	Spray guns and similar appliances
8424 30	Steam or sandblasting machines and similar jet projecting machines
8424 89	Mechanical appliances, whether or not hand-operated, for projecting, dispersing or spraying liquids or powders, n.e.s.

▼ **M31**

CN code	Description
8424 90	Parts of fire extinguishers, spray guns and similar appliances, steam or sand blasting machines and similar jet projecting machines and machinery and apparatus for projecting, dispersing or spraying liquids or powders, n.e.s.
8425	Pulley tackle and hoists (other than skip hoists); winches and capstans; jacks
8426	Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane
8427	Fork-lift trucks; other works trucks fitted with lifting or handling equipment (excl. straddle carriers and works trucks fitted with a crane)
8428	Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics)
8429	Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and roadrollers
8430	Moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors, n.e.s.; snowploughs and snowblowers
8431	Parts suitable for use solely or principally with the machinery of headings 8425 to 8430
8439 10	Machinery for making pulp of fibrous cellulosic material
8439 30	Machinery for finishing paper or paperboard
8440 90	Bookbinding machinery, including book-sewing machines – Parts
8441 30	Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by moulding
8442 40	Parts of the foregoing machinery, apparatus or equipment
8443 13	Other offset printing machinery
8443 15	Letterpress printing machinery, other than reel fed, excluding flexographic printing
8443 16	Flexographic printing machinery
8443 17	Gravure printing machinery
8443 19	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442 (excl. hectograph or stencil duplicating machines, addressing machines and other office printing machines of heading 8469 to 8472, ink jet printing machines and offset, flexographic, letterpress and gravure printing machinery)
8443 91	Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442

▼ **M31**

CN code	Description
8444	Machines for extruding, drawing, texturing or cutting man-made textile materials
8448	Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447, e.g. dobbies, jacquards, automatic stop motions, shuttle changing mechanisms; parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447, e.g. spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles
8451 10	Dry-cleaning machines
8451 29	Drying machines - Other
8451 30	Ironing machines and presses (including fusing presses)
8451 90	Machinery (other than machines of heading 8450) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made-up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics - Parts
8453	Machinery for preparing, tanning or working hides, skins or leather or for making or repairing footwear or other articles of hides, skins or leather (excl. drying machines, spray guns, machines for the dehairing of pigs, sewing machines and general purpose presses); parts thereof
8454	Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries; parts thereof
8455	Metal-rolling mills and rolls therefor
8456	Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron beam, ionic- beam or plasma arc processes; water-jet cutting machines
8457	Machining centres, unit construction machines 'single station' and multi-station transfer machines for working metal
8458	Lathes (including turning centres) for removing metal
8459	Machine tools, incl. way-type unit head machines, for drilling, boring, milling, threading or tapping (excl. lathes and turning centres of heading 8458, gear cutting machines of heading 8461 and hand-operated machines)
8460	Machine tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products (excl. gear cutting, gear grinding or gear finishing machines of heading 8461 and machines for working in the hand)
8461	Machine tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing, cutting-off and other machine tools working by removing metal, or cermets, not elsewhere specified or included

▼ **M31**

CN code	Description
8462	Machine tools (including presses) for working metal by forging, hammering or die forging (excluding rolling mills); machine tools (including presses, slitting lines and cut-to-length lines) for working metal by bending, folding, straightening, flattening, shearing, punching, notching or nibbling (excluding draw-benches); presses for working metal or metal carbides, not specified in previous headings
8463	Machine tools for working metal, sintered metal carbides or cermets, without removing material (excl. forging, bending, folding, straightening and flattening presses, shearing machines, punching or notching machines, presses and machines for working in the hand)
8464	Machine tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold-working glass (excl. machines for working in the hand)
8465	Machine tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials
8466	Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, incl. work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines, n.e.s.; tool holders for any type of tool for working in the hand
8467	Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor; parts thereof
8468	Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting (other than those of heading 8515); gas-operated surface tempering machines and appliances; parts thereof
8470	Calculating machines and pocket-size data-recording, reproducing and displaying machines with calculating functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device; cash registers
Ex 8471	Automatic data-processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included, excluding other units of automatic data-processing machines of CN code 8471 80 and excluding storage units for automatic data-processing machines not elsewhere specified corresponding to the CN code 8471 70 98
8472	Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or -wrapping machines, pencil-sharpening machines, perforating or stapling machines)
8473	Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings 8470 to 8472
8474	Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand; parts thereof

▼ **M31**

CN code	Description
8475	Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware (excl. furnaces and heating apparatus for manufacturing toughened glass); parts thereof
8477	Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter, parts thereof
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in chapter 84
8479	Machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84
8480	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics
8481	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves
8482	Ball or roller bearings (excl. steel balls of heading 7326); parts thereof
8483	Transmission shafts, incl. camshafts and crankshafts, and cranks; bearing housings and plain shaft bearings for machines; gears and gearing; ball or roller screws, gear boxes and other speed changers, incl. torque converters; flywheels and pulleys, incl. pulley blocks, clutches and shaft couplings, incl. universal joints; parts thereof
8484	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals
8485	Machines for additive manufacturing
8486	Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in note 11 c to chapter 84; parts and accessories, n.e.s.
8487	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in chapter 84
8501	Electric motors and generators (excluding generating sets)
8502	Electric generating sets and rotary converters
8503	Parts suitable for use solely or principally with the machines of heading 8501 or 8502:
8504	Electrical transformers, static converters (for example, rectifiers) and inductors
8505	Electromagnets (excl. magnets for medical use); permanent magnets and articles intended to become permanent magnets after magnetization; electromagnetic or permanent magnet chucks, clamps and similar holding devices; electromagnetic couplings, clutches and brakes; electromagnetic lifting heads; parts thereof

▼ **M31**

CN code	Description
8506	Primary cells and primary batteries; parts thereof
8507	Electric accumulators, including separators therefor, whether or not rectangular (including square); parts thereof
8511	Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines, e.g. ignition magnetos, magneto-dynamos, ignition coils, sparking plugs, glow plugs and starter motors; generators, e.g. dynamos and alternators, and cut-outs of a kind used in conjunction with such engines; parts thereof
8512	Electrical lighting or signalling equipment (excluding articles of heading 8539), windscreen wipers, defrosters and demisters, of a kind used for cycles or motor vehicles
8513	Portable electric lamps designed to function by their own source of energy, (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 8512
Ex 8514	Industrial or laboratory electric furnaces and ovens (including those functioning by induction or dielectric loss), excluding bakery and biscuit ovens of line 8514 19 10; other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss:
8515	Electric (including electrically heated gas), laser or other light or photon beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals, or cermets; parts thereof
8516 80	Electric heating resistors (excl. those of agglomerated coal and graphite)
8517	Telephone sets, including smartphones and other telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 8443, 8525, 8527 or 8528
8518	Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets
8519	Sound recording or sound reproducing apparatus
8521	Video recording or reproducing apparatus, whether or not incorporating a video tuner
8522	Parts and accessories suitable for use solely or principally with the apparatus of heading 8519 or 8521
8523	Discs, tapes, solid-state non-volatile storage devices, 'smart cards' and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37
8524	Flat panel display modules, whether or not incorporating touch-sensitive screens

▼ **M31**

CN code	Description
8525	Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders
8526	Radar apparatus, radio navigational aid apparatus and radio remote control apparatus
8527	Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock
8528	Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus
8530	Electrical signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields (excl. mechanical or electromechanical equipment of heading 8608); parts thereof
8531	Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530
8532	Electrical capacitors, fixed, variable or adjustable (pre-set)
8533	Electrical resistors (including rheostats and potentiometers), other than heating resistors
8534	Printed circuits
8535	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, e.g., switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes, for a voltage >1 000 V (excl. control desks, cabinets, panels etc. of heading 8537)
8536	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables
8537	Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517
8538	Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537
8539	Electric filament or discharge lamps, including sealed beam lamp units and ultraviolet or infra-red lamps; arc-lamps; light-emitting diode (LED) light sources
8540	Thermionic, cold cathode or photo-cathode valves and tubes, e.g. vacuum or vapour or gas filled valves and tubes, mercury arc rectifying valves and tubes, cathode ray tubes and television camera tubes; parts thereof

▼ **M31**

CN code	Description
8541	Semiconductor devices (for example, diodes, transistors, semiconductor-based transducers); photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED), whether or not assembled with other light-emitting diodes (LED); mounted piezo-electric crystals
8543	Electrical machines and apparatus, having individual functions, not specified or included elsewhere in chapter 85
8544	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors
8545	Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes
8546	Electrical insulators of any material
8547	Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any minor components of metal, e.g., threaded sockets, incorporated during moulding solely for purposes of assembly (other than insulators of heading 8546); electrical conduit tubing and joints therefor, of base metal lined with insulating material
8549	Electrical and electronic waste and scrap
8602	Rail locomotives (excl. those powered from an external source of electricity or by accumulators); locomotive tenders
8604	Railway or tramway maintenance or service vehicles, whether or not self-propelled (for example, workshops, cranes, ballast tampers, trackliners, testing coaches and track inspection vehicles)
8606	Railway or tramway goods vans and wagons (excluding self-propelled and luggage vans and post office coaches)
8607	Parts of railway or tramway locomotives or rolling stock
8608	Railway or tramway track fixtures and fittings; mechanical, (including electromechanical) signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields; parts of the foregoing
8701 21	Road tractors for semi-trailers - With only compression-ignition internal combustion piston engine (diesel or semi-diesel)
8701 22	Road tractors for semi-trailers - With both compression-ignition internal combustion piston engine (diesel or semi-diesel) and electric motor as motors for propulsion
8701 23	Road tractors for semi-trailers - With both spark-ignition internal combustion piston engine and electric motor as motors for propulsion

▼ **M31**

CN code	Description
8701 24	Road tractors for semi-trailers - With only electric motor for propulsion
8701 29	Road tractors for semi-trailers - With only spark-ignition internal combustion piston engine as motors for propulsion
8701 30	Track-laying tractors (excluding pedestrian-controlled)
8703 10	Vehicles for the transport of <10 persons on snow; golf cars and similar vehicles
Ex 8703 23	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with only spark-ignition internal combustion reciprocating piston engine of a cylinder capacity >1 900 cm ³ but <=3 000 cm ³ (excluding ambulances)
Ex 8703 24	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with only spark-ignition internal combustion reciprocating piston engine of a cylinder capacity > 3 000 cm ³ (excluding ambulances)
Ex 8703 32	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with only diesel engine of a cylinder capacity >1 900 cm ³ but <=2 500 cm ³ (excluding ambulances)
Ex 8703 33	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with only diesel engine of a cylinder capacity >2 500 cm ³ (excluding ambulances)
8703 40	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with both spark-ignition internal combustion reciprocating piston engine and electric motor as motors for propulsion (excl. plug-in hybrids)
8703 50	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with both diesel engine and electric motor as motors for propulsion (excl. plug-in hybrids)
8703 60	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with both spark-ignition internal combustion reciprocating piston engine and electric motor as motors for propulsion, capable of being charged by plugging to external source of electric power
8703 70	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with both diesel engine and electric motor as motors for propulsion, capable of being charged by plugging to external source of electric power
8703 80	Motor cars and other motor vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with only electric motor for propulsion
8703 90	Motor cars and other vehicles principally designed for the transport of <10 persons, incl. station wagons and racing cars, with engines other than internal combustion piston engine or electric motor

▼ **M31**

CN code	Description
Ex 8704	Motor vehicles for the transport of goods, incl. chassis with engine and cab, excluding vehicles of CN codes 8704 21 91 and 8704 21 99 with engines of a cylinder capacity not exceeding 1 900 cm ³
8705	Special purpose motor vehicles (other than those principally designed for the transport of persons or goods), e.g. breakdown lorries, crane lorries, fire fighting vehicles, concrete-mixer lorries, road sweeper lorries, spraying lorries, mobile workshops and mobile radiological units
8708 99	Parts and accessories of the motor vehicles of headings 8701 to 8705 (tractors, motor vehicles for the transport of ten or more persons, motor cars and other motor vehicles principally designed for the transport of persons, motor vehicles for the transport of goods and special purpose motor vehicles), n.e.s.
8709	Works trucks, self-propelled, not fitted with lifting or handling equipment, of the type used in factories, warehouses, dock areas or airports for short distance transport of goods; tractors of the type used on railway station platforms; parts of the foregoing vehicles
8716	Trailers and semi-trailers; other vehicles, not mechanically propelled; parts thereof
8903	Yachts and other vessels for pleasure or sports; rowing boats and canoes
8904	tugs and pusher craft
8905	Light-vessels, fire-floats, dredgers, floating cranes, and other vessels the navigability of which is subsidiary to their main function; floating docks, floating or submersible drilling or production platforms
9001 10	Optical fibres, optical fibre bundles and cables (excl. made up of individually sheathed fibres of heading 8544)
9002 11	objective lenses for cameras, projectors or photographic enlargers or reducers
9002 19	objective lenses (excl. for cameras, projectors or photographic enlargers or reducers)
9005	Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor (excl. instruments for radio- astronomy and other instruments or apparatus specified elsewhere)
9007	Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus (excl. video equipment)
9010	Apparatus and equipment for photographic or cinematographic laboratories, not elsewhere specified in chapter 90; negatoscopes; projection screens
9013	Lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in chapter 90
9014	Direction finding compasses; other navigational instruments and appliances (excl. radio navigational equipment); parts thereof
9015	Surveying, incl. photogrammetrical surveying, hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances (excl. compasses); rangefinders

▼ **M31**

CN code	Description
9024	Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics); parts thereof
9025 90	Parts and accessories for hydrometers, areometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, n.e.s.
9026	Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases (for example, flow meters, level gauges, manometers, heat meters), excluding instruments and apparatus of heading 9014, 9015, 9028 or 9032
9027	Instruments and apparatus for physical or chemical analysis, (for example polarimeters, refractometers, spectrometers, gas or smoke analysis apparatus); instruments and apparatus for measuring or checking viscosity, porosity, expansion, surface tension or the like; instruments and apparatus for measuring or checking quantities of heat, sound or light, (including exposure meters); microtomes
9029	Revolution counters, production counters, taximeters, milometers, pedometers and the like (excl. gas, liquid and electricity meters); speed indicators and tachometers (excl. those of heading 9014 and 9015); stroboscopes
9030	Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities (excluding meters of heading 9028); instruments and apparatus for measuring or detecting alpha, beta, gamma, x-ray, cosmic or other ionising radiations
9031	Measuring or checking instruments, appliances and machines not elsewhere specified in chapter 90; profile projectors
9032 81	Other automatic regulating or controlling instruments and apparatus - Hydraulic or pneumatic - Other
9401 10	Seats for aircraft
9401 20	Seats for motor vehicles
9403 30	Wooden furniture of a kind used in offices
9406	Prefabricated buildings
9503 00 75	Plastic toys and models, incorporating a motor n.e.s under heading 9503
9503 00 79	Toys and models not made of plastic, incorporating a motor n.e.s under heading 9503
9606	Buttons, press-fasteners, snap-fasteners and press studs, button moulds and other parts of these articles; button blanks (excl. cuff links)
9608 91	Pen nibs and nib points
9612	Typewriter or similar ribbons, inked or otherwise prepared for giving impressions, whether or not on spools or in cartridges; ink-pads, whether or not inked, with or without boxes
Ex 98	Complete industrial plants, except plants for the production of food and drinks, pharmaceuticals, medicines and medical devices

▼ **M26**

ANNEX XXIII B

List of goods as referred to in Article 3k(3ab)

CN code	Description
3917 21	Rigid tubes, pipes and hoses, of polymers of ethylene
3917 39	Flexible tubes, pipes and hoses, of plastics, whether or not with fittings, reinforced or otherwise combined with other materials (excluding those with a minimum burst pressure of 27,6 MPa)
3917 40	Tubes, pipes and hoses fittings (for example, joints, elbows, flanges), of plastics
7305 11	Line pipe of a kind used for oil or gas pipelines, having circular cross-sections and an external diameter exceeding 406,4 mm, of iron or steel, longitudinally submerged arc welded
7307 11	Tube or pipe fittings of non-malleable cast iron
7307 19	Cast tube or pipe fittings of iron or steel (excluding products of non-malleable cast iron)
7307 21	Flanges of stainless steel (excluding cast products)
7307 23	butt welding tube or pipe fittings of stainless steel (excluding cast products)
7307 29	Tube or pipe fittings of stainless steel (excluding cast products, flanges, threaded elbows, bends and sleeves and butt welding fittings)
7307 91	Flanges of iron or steel (excluding cast or stainless steel products)
7307 92	Threaded elbows, bends and sleeves, of iron or steel (excluding cast or stainless steel products)
7307 93	Butt welding fittings of iron or steel (excluding cast or stainless steel products)
7307 99	Tube or pipe fittings, of iron or steel (excluding cast or stainless steel products; flanges; threaded elbows, bends and sleeves; butt welding fittings)
7412	Copper tube or pipe fittings (for example couplings, elbows, sleeves)
8412 90	Parts of engines and motors (excluding steam turbines, internal combustion piston engine, hydraulic turbines, water wheels, gas turbines, turbojets)
8413 70	Centrifugal pumps, power-driven (excluding those of subheading 8413 11 and 8413 19, fuel, lubricating or cooling medium pumps for internal combustion piston engine, concrete pumps, reciprocating positive displacement pumps and rotary positive displacement pumps)
8413 91	Parts of pumps for liquids
8417 80	Industrial or laboratory furnaces and ovens, non-electric, including incinerators (excluding those for the roasting, melting or other heat treatment of ores, pyrites or metals, bakery and biscuit ovens)
8417 90	Parts of industrial or laboratory furnaces, non-electric, including. incinerators

▼ **M26**

CN code	Description
8430 41	Self-propelled boring or sinking machinery for boring earth or extracting minerals or ores (excl. those mounted on railway or tramway wagons, motor vehicle chassis or lorries and tunnelling machinery)
8430 49	Boring or sinking machinery for boring earth or extracting minerals or ores, not self-propelled and not hydraulic (excl. tunnelling machinery and hand-operated tools)
8465 10	Machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, which can carry out different types of machining operations without tool change between such operations
8465 91	Sawing machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials
8465 92	Planing, milling or moulding (by cutting) machines, for working wood, cork, bone, hard rubber, hard plastics or similar hard materials
8465 95	Drilling or mortising machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials
8465 99	Machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials n.e.s.
8474 90	Parts of machinery for working mineral substances of heading 8474
8480 71	Injection or compression-type moulds for rubber or plastics

▼ **M31**

ANNEX XXXIIC

List of goods and technology as referred to in Article 3k(3ad)

CN code	Description
2811 11	hydrogen fluoride (hydrofluoric acid)
2811 12	hydrogen cyanide (hydrocyanic acid)
2811 19	Other inorganic acids (excluding, hydrogen fluoride 'hydrofluoric acid' and hydrogen cyanide 'hydrocyanic acid')
2811 21	carbon dioxide
2811 22	silicon dioxide
2813 90	sulphides of non-metals (excluding carbon disulphide); commercial phosphorus trisulphide
2815 11	sodium hydroxide (caustic soda) solid
2815 20	potassium hydroxide (caustic potash)
2815 30	peroxides of sodium or potassium
2827 10	ammonium chloride
2827 20	calcium chloride
2827 32	aluminium chloride
2827 39	Other chlorides (excluding ammonium, calcium, magnesium, aluminium, and nickel chloride)
2827 41	chloride oxides and chloride hydroxides of copper
2827 49	chloride oxides and chloride hydroxides (excluding of. copper)
2827 51	bromides of sodium or of potassium
2827 59	bromides and bromide oxides (excluding. of sodium and of potassium)
2827 60	iodides and iodide oxides
2829 19	chlorates (excluding of. sodium)
2829 90	perchlorates; bromates and perbromates; iodates and periodates
2833 11	disodium sulphate
2833 19	sodium sulphates (excl. disodium)
2833 21	sulphate of magnesium
2833 22	sulphate of aluminium

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CN code	Description
2833 25	sulphates of copper
2833 27	sulphate of barium
2833 29	sulphates (excluding. of sodium, magnesium, aluminium, nickel, copper, barium)
2833 40	peroxosulphates (persulphates)
2836 20	disodium carbonate
2836 40	potassium carbonates
2836 60	barium carbonate
2836 91	lithium carbonates
2836 92	strontium carbonate
2836 99	carbonates and peroxocarbonates (percarbonates); commercial ammonium carbonate containing ammonium carbamate (excluding. disodium carbonate, sodium hydrogencarbonate 'sodium bicarbonate', potassium carbonates, calcium carbonate, barium carbonate, lithium carbonates, strontium carbonate)
2841 30	sodium dichromate
2841 61	potassium permanganate
2841 69	manganites, manganates and permanganates (excluding. potassium permanganate)
2841 70	molybdates
2841 90	salts of oxometallic or peroxometallic acids (excluding. chromates, dichromates, peroxochromates, manganites, manganates, permanganates, molybdates and tungstates 'wolframantes')
2846	Compounds, inorganic or organic, of rare-earth metals, of yttrium or of scandium or of mixtures of these metals
2905 11	methanol (methyl alcohol)
2905 12	propan-1-ol (propyl alcohol) and propan-2-ol (isopropyl alcohol)
2905 14	butanols (excluding. butan-1-ol 'n-butyl alcohol')
2905 17	dodecan-1-ol (lauryl alcohol), hexadecan-1-ol (cetyl alcohol) and octadecan-1-ol (stearyl alcohol)
2905 22	acyclic terpene alcohols
2905 29	unsaturated monohydric acyclic alcohols (excluding. acyclic terpene alcohols)
2905 32	propylene glycol (propane-1,2-diol)
2905 39	diols (excluding. ethylene glycol 'ethanediol' and propylene glycol 'propane-1,2- diol')

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CN code	Description
2905 42	pentaerythritol
2905 43	mannitol
2905 44	d-glucitol (sorbitol)
2905 45	glycerol
2905 49	other polyhydric acyclic alcohols (excluding, 2-ethyl-2-‘hydroxymethyl’ propane- 1,3-diol ‘trimethylolpropane’, pentaerythritol, mannitol, d-glucitol ‘sorbitol’ and glycerol)
2905 51	ethchlorvynol (inn)
2914 12	butanone (methyl ethyl ketone)
2914 13	4-methylpentan-2-one (methyl isobutyl ketone)
2914 19	acyclic ketones, without other oxygen function (excluding, acetone, butanone ‘methyl ethyl ketone’ and 4-methylpentan-2-one ‘methyl isobutyl ketone’)
2914 22	cyclohexanone and methylcyclohexanones
2914 23	ionones and methylionones
2914 29	cyclanic, cyclenic or cycloterpenic ketones, without other oxygen function (excluding, cyclohexanone, methylcyclohexanones, ionones and methylionones)
2914 31	phenylacetone (phenylpropan-2-one)
2914 39	Aromatic ketones without other oxygen function (excluding, Phenylacetone ‘phenylpropan-2-one’)
2914 40	ketone-alcohols and ketone-aldehydes
2914 50	ketone-phenols and ketones with other oxygen function
2914 62	coenzyme Q10 (ubidecarenone (INN))
2914 69	quinones (excluding, anthraquinone and coenzyme Q10 (ubidecarenone (INN)))
2914 71	chlordecone (ISO)
2914 79	halogenated, sulphonated, nitrated or nitrosated derivatives of ketones or quinones (excluding, chlordecone (ISO))
2915 11	formic acid
2915 12	salts of formic acid
2915 21	acetic acid
2915 24	acetic anhydride

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CN code	Description
2915 29	salts of acetic acid
2915 31	ethyl acetate
2915 32	vinyl acetate
2915 33	n-butyl acetate
2915 36	dinoseb (ISO) acetate
2915 39	esters of acetic acid (excluding. ethyl, vinyl, n-butyl and dinoseb (ISO) acetates)
2915 40	mono- di- or trichloroacetic acids, their salts and esters
2915 50	propionic acid, its salts and esters
2915 60	butanoic acids, pentanoic acids, their salts and esters
2915 70	palmitic acid, stearic acid, their salts and esters
2917 11	oxalic acid, its salts and esters
2917 12	adipic acid, its salts and esters
2917 13	azelaic acid, sebacic acid, their salts and esters
2917 14	maleic anhydride
2917 19	acyclic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their halogenated, sulphonated, nitrated or nitrosated derivatives (excluding. oxalic acid, its salts and esters, adipic acid, its salts and esters, azelaic acid, sebacic acid, their salts and esters, maleic anhydride)
2917 20	cyclanic, cyclenic or cycloterpenic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives
2917 32	dioctyl orthophthalates
2917 34	esters of orthophthalic acid (excluding. dioctyl, dinonyl or didecyl orthophthalates)
2917 35	phthalic anhydride
2917 36	terephthalic acid and its salts
2917 37	dimethyl terephthalate
2917 39	aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their halogenated, sulphonated, nitrated or nitrosated derivatives (excluding. Esters of orthophthalic acid, phthalic anhydride, terephthalic acid and its salts and dimethyl terephthalate)
2920 19	thiophosphoric esters 'phosphorothioates' and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives (excluding parathion (ISO) and parathion-methyl (ISO) 'methyl-parathion')

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CN code	Description
2920 21	dimethyl phosphite
2920 22	diethyl phosphite
2920 23	trimethyl phosphite
2920 24	triethyl phosphite
2920 29	phosphite esters and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives (excluding dimethyl, diethyl, trimethyl and triethyl phosphites)
2920 30	endosulfan (ISO)
2920 90	esters of other inorganic acids of non-metals and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives (excluding esters of hydrogen halides, phosphite, and thiophosphoric esters 'phosphorothioates', their salts and their halogenated, sulphonated, nitrated or nitrosated derivatives, endosulfan (ISO))
2924	Carboxamide-function compounds; amide-function compounds of carbonic acid
2925	Carboxyimide-function compounds(including saccharin and its salts) and imine- function compounds
2926	Nitrile-function compounds
2930 10	2-(N,N-dimethylamino) ethanethiol
2930 20	thiocarbamates and dithiocarbamates
2930 30	thiuram mono-, di- or tetrasulphides
2930 60	2-(N,N-diethylamino)ethanethiol
2930 70	bis(2-hydroxyethyl)sulfide (thiodiglycol (INN))
2930 80	aldicarb (ISO), captafol (ISO) and methamidophos (ISO)
2930 90	organo-sulphur compounds (excluding 2-(N,N-dimethylamino) ethanethiol, thiocarbamates, and dithiocarbamates, thiuram mono-, di- or tetrasulphides, methionine, 2-(NN-diethylamino)ethanethiol, bis(2-hydroxyethyl)sulfide (thiodiglycol (INN)), aldicarb (ISO), captafol (ISO) and methamidophos (ISO))
2933 29	heterocyclic compounds with nitrogen hetero-atom(s) only, containing an unfused imidazole ring (whether or not hydrogenated), in the structure (excluding. hydantoin and its derivatives)
2933 79	Other lactams
2933 99	Other heterocyclic compounds with nitrogen hetero-atom(s) only
3824 10	prepared binders for foundry moulds or cores
3824 30	non-agglomerated metal carbides mixed together or with metallic binders

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CN code	Description
3824 40	prepared additives for cements, mortars or concretes
3824 50	non-refractory mortars and concretes
3824 60	Sorbitol other than that of subheading 2905 44
3824 82	mixtures and preparations containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs)
3824 83	mixtures and preparations containing tris (2,3-dibromopropyl) phosphate
3824 85	mixtures and preparations containing 1,2,3,4,5,6-hexachlorocyclohexane (HCH (ISO)), including lindane (ISO,INN)
3824 86	mixtures and preparations containing pentachlorobenzene (ISO) or hexachlorobenzene (ISO)
3824 87	mixtures and preparations containing perfluorooctane sulphonic acid, its salts, perfluorooctane sulphonamides, or perfluorooctane sulphonyl fluoride
3824 88	mixtures and preparations containing tetra-, penta-, hexa-, hepta- or octabromodiphenyl ethers
3824 89	mixtures and preparations containing short-chain chlorinated paraffins
3824 91	mixtures and preparations consisting mainly of (5-ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methyl methylphosphonate and bis[(5-ethyl-2- methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl] methylphosphonate
3824 92	polyglycol esters of methylphosphonic acid
3902 10	polypropylene, in primary forms
3903 11	expansible polystyrene, in primary forms
3903 20	styrene-acrylonitrile copolymers (SAN), in primary forms
3903 30	acrylonitrile-butadiene-styrene copolymers (ABS), in primary forms
3904 21	non-plasticised poly(vinyl chloride), in primary forms, mixed with other substances
3904 22	Plasticised poly(vinyl chloride), in primary forms, mixed with other substances
3904 30	vinyl chloride-vinyl acetate copolymers, in primary forms
3904 40	Other vinyl chloride copolymers, in primary forms
3904 61	polytetrafluoroethylene, in primary forms
3904 69	fluoropolymers (excluding polytetrafluoroethylene)

▼ **M31**

CN code	Description
3904 90	Other polymers of vinyl chloride or other halogenated olefins, in primary forms
3909 10	urea resins and thiourea resins, in primary forms
3909 31	Poly(methylene phenyl isocyanate) (crude MDI, polymeric MDI), in primary forms
3911 10	petroleum resins, coumarone, indene or coumarone-indene resins and polyterpenes, in primary forms
3911 20	poly(1,3-phenylene methylphosphonate), in primary forms
3920 20	plates, sheets, film, foil and strip, non-cellular, of polymers of propylene, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 30	plates, sheets, film, foil and strip, non-cellular, of polymers of styrene, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 43	plates, sheets, film, foil and strip, non-cellular, of polymers of vinyl chloride, containing by weight not less than 6 % of plasticisers, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 49	plates, sheets, film, foil and strip, non-cellular, of polymers of vinyl chloride, containing by weight less than 6 % of plasticisers, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 51	plates, sheets, film, foil and strip, non-cellular, of poly(methyl methacrylate), not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 59	plates, sheets, film, foil and strip, non-cellular, of acrylic polymers other than poly(methyl methacrylate), not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 62	plates, sheets, film, foil and strip, non-cellular, of poly(ethylene terephthalate), not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 63	plates, sheets, film, foil and strip, non-cellular, of unsaturated polyesters, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).

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CN code	Description
3920 71	plates, sheets, film, foil and strip, non-cellular, of regenerated cellulose, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 79	plates, sheets, film, foil and strip, non-cellular, of cellulose derivatives other than regenerated cellulose and cellulose acetate, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 92	plates, sheets, film, foil and strip, non-cellular, of polyamides, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 93	plates, sheets, film, foil and strip, non-cellular, of amino-resins, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 94	plates, sheets, film, foil and strip, non-cellular, of phenolic resins, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3920 99	plates, sheets, film, foil and strip, non-cellular, of other plastics, not reinforced, laminated, supported or similarly combined with other materials, whether or not printed or otherwise surface-worked, uncut or cut into rectangles (including squares) but not further worked (even if when so cut they become articles ready for use).
3921	Other plates, sheets, film, foil and strip, of plastics
3925 10	reservoirs, tanks, vats and similar containers, of plastics, of a capacity of exceeding 300 litres
3925 30	shutters, blinds, (including venetian blinds), and similar articles and parts thereof, of plastics
3925 90	Other builders' ware of plastics, not elsewhere specified or included
8111	Manganese and articles thereof, including waste and scrap
8407 31	spark-ignition reciprocating piston engine, of a kind used for the propulsion of vehicles of chapter 87, of a cylinder capacity not exceeding 50 cm ³
8407 32	spark-ignition reciprocating piston engine, of a kind used for the propulsion of vehicles of chapter 87, of a cylinder capacity exceeding 50 cm ³ but not exceeding 250 cm ³
8407 33	spark-ignition reciprocating piston engine, of a kind used for the propulsion of vehicles of chapter 87, of a cylinder capacity exceeding 250 cm ³ but not exceeding 1 000 cm ³
8407 34	spark-ignition reciprocating piston engine, of a kind used for the propulsion of vehicles of chapter 87, of a cylinder capacity exceeding 1 000 cm ³

▼ **M31**

CN code	Description
8407 90	spark-ignition reciprocating or rotary internal combustion piston engine (excl. those for aircraft or marine propulsion and reciprocating piston engine of a kind used for vehicles of chapter 87)
8409 91	parts suitable for use solely or principally with spark-ignition internal combustion piston engine
8424 20	spray guns and similar appliances
8424 30	steam or sand blasting machines and similar jet projecting machines
8425 19	pulley tackle and hoists (other than skip hoists or hoists of a kind used for raising vehicles), non-powered by electric motor
8425 39	winches and capstans, non-powered by electric motor
8425 41	built-in jacking systems of a type used in garages
8425 42	jacks and hoists, hydraulic (excluding built-in jacking systems used in garages)
8425 49	jacks and hoists of a kind used for raising vehicles, not hydraulic, other than built-in jacking systems of a type used in garages
8428 10	lifts and skip hoists
8428 40	escalators and moving walkways
8428 60	teleferics, chairlifts, ski-draglines; traction mechanisms for funiculars
8431 10	Parts suitable for use solely or principally with the machinery of heading 8425
8431 31	Parts suitable for use solely or principally with the machinery of lifts, skip hoists or escalators
8431 42	bulldozer or angledozer blades
8431 43	parts for boring or sinking machinery of subheading 8430 41 or 8430 49
8455 10	Tube mills
8455 21	hot or combination hot and cold metal-rolling mills (excluding tubes mills)
8455 90	Other parts of metal-rolling mills
8470	Calculating machines and pocket-size data-recording, reproducing and displaying machines with calculating functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device; cash registers
8472	Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or -wrapping machines, pencil-sharpening machines, perforating or stapling machines)

▼ **M31**

CN code	Description
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in chapter 84
8479 20	machinery for the extraction or preparation of animal or fixed vegetable fats or oils
8479 40	rope or cable-making machines
8479 60	evaporative air coolers
8479 71	passenger boarding bridges, of a kind used in airports
8479 79	Other passenger boarding bridges
8479 83	cold isostatic presses
8481 90	parts of valves and similar articles for pipes, boiler shells, tanks, vats or the like,
8512 10	electric lighting or visual signalling equipment of a kind used on bicycles
8512 30	electrical sound signalling equipment, of a kind used for cycles or motor vehicles
8512 40	electrical windscreen wipers, defrosters and demisters, for motor vehicles
8513	Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 8512
8517 11	line telephone sets with cordless handsets
8517 13	smartphones
8517 14	telephones for cellular networks or for other wireless networks (excluding line telephone sets with cordless handsets, and smartphones)
8517 18	Other telephone sets (excluding smartphones)
8517 62	machines for the reception, conversion and transmission or regeneration of voice, images or other data, incl. switching and routing apparatus
8517 69	apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network) (excluding base stations, machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus)
8517 79	Parts of telephone sets, telephones for cellular networks or for other wireless networks and of other apparatus for the transmission or reception of voice, images or other data, excluding aerials and aerial reflectors of all kinds and their parts
8518	Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets

▼ **M31**

CN code	Description
8519	Sound recording or sound reproducing apparatus
8521	Video recording or reproducing apparatus, whether or not incorporating a video tuner
8522	Parts and accessories suitable for use solely or principally with the apparatus of heading 8519 or 8521
8523 21	cards incorporating a magnetic stripe for the recording of sound or of other phenomena
8523 29	magnetic media for the recording of sound or of other phenomena (excluding cards incorporating a magnetic stripe)
8523 41	optical media for the recording of sound or of other phenomena, unrecorded
8523 49	optical media for the recording of sound or of other phenomena (excluding unrecorded)
8523 52	'smart cards'
8523 59	Other semiconductor media, unrecorded, for the recording of sound or of other phenomena (uding)
8523 80	media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs (excluding magnetic, optical and semiconductor media)
8524	Flat panel display modules, whether or not incorporating touch-sensitive screens
8527 12	pocket-size radiocassette players
8527 13	Other apparatus combined with sound recording or reproducing apparatus (excluding pocket-size radiocassette players)
8527 19	Other radio-broadcast receivers capable of operating without an external source of power, not combined with sound-reproducing apparatus
8527 29	radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, not combined with sound recording or reproducing apparatus
8527 91	radio-broadcast receivers, not capable of operating without an external source of power, combined with sound recording or reproducing apparatus (excluding those of a kind used in motor vehicles)
8527 92	radio-broadcast receivers, not capable of operating without an external source of power, not combined with sound recording or reproducing apparatus but combined with a clock (excluding those of a kind used in motor vehicles)
8527 99	radio-broadcast receivers, not capable of operating without an external source of power, not combined with sound recording or reproducing apparatus and not combined with a clock (excluding those of a kind used in motor vehicles)

▼ **M31**

CN code	Description
8528 42	cathode-ray tube monitors 'crt' capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471
8528 52	monitors capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471 (excluding cathode-ray tube monitors)
8528 59	Other monitors (excluding cathode-ray tube monitors, and those designed for computer use)
8528 62	projectors capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471
8528 69	projectors not capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471
8528 71	reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus, not designed to incorporate a video display or screen
8528 72	reception apparatus for television, colour, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus, designed to incorporate a video display or screen
8528 73	reception apparatus for television, monochrome, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus, designed to incorporate a video display or screen
8531	Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530
8532 21	fixed electrical capacitors, tantalum (excluding power capacitors)
8532 22	Aluminium electrolytic fixed electrical capacitors (excluding power capacitors)
8532 23	fixed electrical capacitors, ceramic dielectric, single layer (excluding power capacitors)
8532 24	fixed electrical capacitors, ceramic dielectric, multilayer (excluding power capacitors)
8532 25	fixed electrical capacitors, dielectric of paper or plastics (excluding power capacitors)
8533 10	fixed carbon resistors, composition or film types (excluding heating resistors)
8533 21	fixed electrical resistors for a power handling capacity not exceeding 20 W (excluding heating resistors)
8533 31	wirewound variable electrical resistors, including rheostats and potentiometers, for a power handling capacity not exceeding 20 W (excluding heating resistors)
8533 39	wirewound variable electrical resistors, including rheostats and potentiometers, for a power handling capacity exceeding 20 W (excluding heating resistors)

▼ **M31**

CN code	Description
8533 40	electrical variable resistors, including rheostats and potentiometers (excluding wirewound variable resistors and heating resistors)
8536	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables
8537	Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517
8539 10	sealed beam lamp units
8539 21	tungsten halogen filament lamps (excluding sealed beam lamp units)
8539 22	filament lamps of a power not exceeding 200 W and for a voltage exceeding 100 V (excluding sealed beam lamp units, tungsten halogen filament lamps and ultraviolet or infra-red lamps)
8539 31	discharge lamps, fluorescent, hot cathode
8539 32	mercury or sodium vapour lamps; metal halide lamps
8539 49	ultraviolet or infra-red lamps
8539 90	parts of electric filament or discharge lamps, sealed beam lamp units, ultraviolet or infra-red lamps, arc lamps and led lamps,
8541 10	Diodes, other than photosensitive or light-emitting diodes (LED)
8541 21	Transistors with a dissipation rate of less than 1 W
8541 29	transistors with a dissipation rate of 1 W or more
8541 49	photosensitive semiconductor devices (excluding LED and photovoltaic cells)
8541 51	semiconductor-based transducers
8541 59	Other semiconductor devices
8541 60	mounted piezoelectric crystals
8541 90	parts of semiconductor devices, including photovoltaic cells, light-emitting diodes (LED), mounted piezo-electric crystal
8543 40	electronic cigarettes and similar personal electric vaporizing devices
8543 70	Other electrical machines and apparatus, having individual functions, not specified or included elsewhere in chapter 85

▼ M31

CN code	Description
8543 90	parts of electrical machines and apparatus, having individual functions, not specified or included elsewhere in chapter 85
8544 19	winding wire, of material other than copper, insulated
8544 20	coaxial cable and other coaxial electric conductors, insulated
8544 42	electric conductors for a voltage not exceeding 1 000 V, insulated, fitted with connectors, n.e.s.
8545 11	Carbon electrodes of a kind used for electric furnaces
8545 19	Carbon electrodes, for electrical purposes (excluding those used for furnaces)
8545 90	articles of graphite or other carbon, for electrical purposes (excluding electrodes and carbon brushes)
8546	Electrical insulators of any material
8607	Parts of railway or tramway locomotives or rolling stock
8608	Railway or tramway track fixtures and fittings; mechanical, (including electromechanical) signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields; parts of the foregoing

▼ C8▼ M31

8701 29	Road tractors for semi-trailers - With only spark-ignition internal combustion piston engine as motors for propulsion
8709 11	electrical vehicles, self-propelled, not fitted with lifting or handling equipment, of the type used in factories, warehouses, dock areas or airports for short distance transport of goods; tractors of the type used on railway station platforms
8709 19	non-electrical vehicles, self-propelled, not fitted with lifting or handling equipment, of the type used in factories, warehouses, dock areas or airports for short distance transport of goods; tractors of the type used on railway station platforms
8716 10	trailers and semi-trailers of the caravan type, for housing or camping
8716 31	Tanker trailers and tanker semi-trailers
8716 40	Trailers and semi-trailers (excluding of the caravan type, for housing or camping, self-loading or self-unloading for agricultural purposes, and for the transport of good)
8716 80	vehicles not mechanically propelled (excluding trailers and semi-trailers)
9612 10	typewriter or similar ribbons, inked or otherwise prepared for giving impressions, whether or not on spools or in cartridges

▼ M13▼ C5

ANNEX XXIV

▼ M16

List of goods as referred to in Article 3ea(5)(a)

▼ M13

CN code	Name of the good
2810 00 10	Diboron trioxide
2810 00 90	Oxides of boron; boric acids (excluding diboron trioxide)
2812 15 00	Sulphur monochloride
2814 10 00	Anhydrous ammonia
2825 20 00	Lithium oxide and hydroxide
2905 42 00	Pentaerythritol 'pentaerythrite'
2909 19 90	Ethers, acyclic and halogen, sulfo, nitro and nitroso derivatives thereof (excluding diethyl ether and tert-butyl ethyl ether (ethyl tertiary butyl ether, etbe))
3006 92 00	Waste pharmaceuticals
3105 30 00	Diammonium hydrogenorthophosphate (excluding those in tablets or similar forms, or in packages with a gross weight of <= 10 kg)
3105 40 00	Ammonium dihydrogenorthophosphate and mixtures thereof with diammonium hydrogenorthophosphate (excluding those in tablets or similar forms, or in packages with a gross weight of <= 10 kg).
3811 19 00	Anti-knock agents for petrol (excluding those based on lead compounds)
ex 7203	Direct reduced iron or other spongy iron
ex 7204	Ferrous scrap

▼ M20*ANNEX XXV***List of crude oil and petroleum products referred to in Articles 3m and 3n**

CN Code	Description
ex 2709 00	Petroleum oils and oils obtained from bituminous minerals, crude other than natural gas condensates of subheading CN 2709 00 10 from liquefied natural gas production plants.
2710	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included, containing by weight 70 % or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations; waste oils

▼ M16*ANNEX XXVI***List of goods as referred to in article 3o(1) and (2)**

	CN code	Name of the good
	7108	Gold (including gold plated with platinum), unwrought or in semi-manufactured forms, or in powder form
	7112 91	Waste and scrap of gold, including metal clad with gold but excluding sweepings containing other precious metals
Ex	7118 90	Gold coins

▼ M16*ANNEX XXVII***List of goods as referred to in article 3o(3)**

	CN code	Name of the good
Ex	7113	Articles of jewellery and parts thereof, of gold or containing gold, or of metal clad with gold
Ex	7114	Articles of goldsmiths' or silversmiths' wares and parts thereof, of gold, containing gold, or of metal clad with gold

▼ M17

ANNEX XXVIII

Prices referred to in Article 3n(6)(a)

▼ M23

Price for crude oil

▼ M19

CN Code	Description	Price per barrel (USD)	Date of application
2709 00	Petroleum oils and oils obtained from bituminous minerals, crude	60	5 December 2022

▼ M23

Prices for petroleum products

CN Code	Description	Premium to crude oil/ Discount to crude oil	Price per barrel (USD)	Date of application
	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations not elsewhere specified or included, containing by weight 70 % or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations, other than those containing biodiesel and other than waste oils			
2710 12	Light oils and preparations			
2710 12 11	For undergoing a specific process	Discount to crude oil	45	5 February 2023
2710 12 15	For undergoing chemical transformation by a process other than those specified in respect of subheading 2710 12 11	Discount to crude oil	45	5 February 2023
	For other purposes Special spirits			
2710 12 21	White spirit	Discount to crude oil	45	5 February 2023
2710 12 25	Other	Discount to crude oil	45	5 February 2023
	Other Motor spirit			
2710 12 31	Aviation spirit	Premium to crude oil	100	5 February 2023
	Other, with a lead content Not exceeding 0,013 g per litre			
2710 12 41	With an octane number (RON) of less than 95	Premium to crude oil	100	5 February 2023
2710 12 45	With an octane number (RON) of 95 or more but less than 98	Premium to crude oil	100	5 February 2023

▼ **M23**

CN Code	Description	Premium to crude oil/ Discount to crude oil	Price per barrel (USD)	Date of application
2710 12 49	With an octane number (RON) of 98 or more	Premium to crude oil	100	5 February 2023
2710 12 50	Exceeding 0,013 g per litre	Premium to crude oil	100	5 February 2023
2710 12 70	Spirit type jet fuel	Premium to crude oil	100	5 February 2023
2710 12 90	Other light oils	Premium to crude oil	100	5 February 2023
2710 19	Other			
	Medium oils			
2710 19 11	For undergoing a specific process	Premium to crude oil	100	5 February 2023
2710 19 15	For undergoing chemical transformation by a process other than those specified in respect of subheading 2710 19 11	Premium to crude oil	100	5 February 2023
	For other purposes Kerosene			
2710 19 21	Jet fuel	Premium to crude oil	100	5 February 2023
2710 19 25	Other	Premium to crude oil	100	5 February 2023
2710 19 29	Other	Premium to crude oil	100	5 February 2023
	Heavy oils Gas oils			
2710 19 31	For undergoing a specific process	Premium to crude oil	100	5 February 2023
2710 19 35	For undergoing chemical transformation by a process other than those specified in respect of subheading 2710 19 31	Premium to crude oil	100	5 February 2023
	For other purposes			
2710 19 43	With a sulphur content not exceeding 0,001 % by weight	Premium to crude oil	100	5 February 2023
2710 19 46	With a sulphur content exceeding 0,001 % by weight but not exceeding 0,002 % by weight	Premium to crude oil	100	5 February 2023
2710 19 47	With a sulphur content exceeding 0,002 % by weight but not exceeding 0,1 % by weight	Premium to crude oil	100	5 February 2023
2710 19 48	With a sulphur content exceeding 0,1 % by weight	Premium to crude oil	100	5 February 2023

▼ **M23**

CN Code	Description	Premium to crude oil/ Discount to crude oil	Price per barrel (USD)	Date of application
	Fuel oils			
2710 19 51	For undergoing a specific process	Discount to crude oil	45	5 February 2023
2710 19 55	For undergoing chemical transformation by a process other than those specified in respect of subheading 2710 19 51	Discount to crude oil	45	5 February 2023
	For other purposes			
2710 19 62	With a sulphur content not exceeding 0,1 % by weight	Discount to crude oil	45	5 February 2023
2710 19 66	With a sulphur content exceeding 0,1 % by weight but not exceeding 0,5 % by weight	Discount to crude oil	45	5 February 2023
2710 19 67	With a sulphur content exceeding 0,5 % by weight	Discount to crude oil	45	5 February 2023
	Lubricating oils; other oils			
2710 19 71	For undergoing a specific process	Premium to crude oil	100	5 February 2023
2710 19 75	For undergoing chemical transformation by a process other than those specified in respect of subheading 2710 19 71	Discount to crude oil	45	5 February 2023
	For other purposes			
2710 19 81	Motor oils, compressor lube oils, turbine lube oils	Discount to crude oil	45	5 February 2023
2710 19 83	Hydraulic oils	Discount to crude oil	45	5 February 2023
2710 19 85	White oils, liquid paraffin	Discount to crude oil	45	5 February 2023
2710 19 87	Gear oils and reductor oils	Discount to crude oil	45	5 February 2023
2710 19 91	Metal-working compounds, mould-release oils, anti-corrosion oils	Discount to crude oil	45	5 February 2023
2710 19 93	Electrical insulating oils	Discount to crude oil	45	5 February 2023
2710 19 99	Other lubricating oils and other oils	Discount to crude oil	45	5 February 2023

▼ **M23**

CN Code	Description	Premium to crude oil/ Discount to crude oil	Price per barrel (USD)	Date of application
2710 20	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations not elsewhere specified or included, containing by weight 70 % or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations, containing biodiesel, other than waste oils			
	Gas oils			
2710 20 11	With a sulphur content not exceeding 0,001 % by weight	Premium to crude oil	100	5 February 2023
2710 20 16	With a sulphur content exceeding 0,001 % by weight but not exceeding 0,1 % by weight	Premium to crude oil	100	5 February 2023
2710 20 19	With a sulphur content exceeding 0,1 % by weight	Premium to crude oil	100	5 February 2023
	Fuel oils			
2710 20 32	With a sulphur content not exceeding 0,5 % by weight	Discount to crude oil	45	5 February 2023
2710 20 38	With a sulphur content exceeding 0,5 % by weight	Discount to crude oil	45	5 February 2023
2710 20 90	Other oils	Discount to crude oil	45	5 February 2023
	Waste oils			
2710 91	Containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs)	Discount to crude oil	45	5 February 2023
2710 99	Other	Discount to crude oil	45	5 February 2023

▼ M31*ANNEX XXIX*

List of projects referred to in Article 3n(6)(c)

Scope of exemption	Date of application	Date of expiration
The transport by vessel to Japan, the technical assistance, brokering services, financing or financial assistance related to such transport, of crude oil falling under CN 2709 00 commingled with condensate, originating in the Sakhalin-2 (Сахалин-2) Project, located in Russia	5 December 2022	28 June 2025

▼ **M20**

ANNEX XXX

List of goods referred to in Article 3a

Aluminium, including bauxite

Chromium

Cobalt

Copper

Iron ore

Mineral fertilisers, including potash and phosphate rock

Molybdenum

Nickel

Palladium

Rhodium

Scandium

Titanium

Vanadium

Heavy rare earths (dysprosium, erbium, europium, gadolinium, holmium, lutetium, terbium, thulium, ytterbium, yttrium).

Light rare earths (cerium, lanthanum, neodymium, praseodymium and samarium)

▼ **M20**

ANNEX XXXI

List of petroleum products referred to in Article 3m paragraph 7 and 8

CN Code	Description
	Gas oils
2710 19 31	For undergoing a specific process
2710 19 35	For undergoing chemical transformation by a process other than those specified in respect of subheading 2710 19 31
	For other purposes
2710 19 43	With a sulphur content not exceeding 0,001 % by weight
2710 19 46	With a sulphur content exceeding 0,001 % by weight but not exceeding 0,002 % by weight
2710 19 47	With a sulphur content exceeding 0,002 % by weight but not exceeding 0,1 % by weight
2710 19 48	With a sulphur content exceeding 0,1 % by weight
2710 20 11	With a sulphur content not exceeding 0,001 % by weight
2710 20 16	With a sulphur content exceeding 0,001 % by weight but not exceeding 0,1 % by weight
2710 20 19	With a sulphur content exceeding 0,1 % by weight
	Light oils and preparations
2710 12 11	Light oils and preparations for undergoing a specific process
2710 12 15	Light oils and preparations for undergoing chemical transformation by a process other than those specified in respect of subheading 2710 12 11
	Light oils and preparations for other purposes than specified in subheadings 2710 12 11 and 2710 12 15
2710 12 21	Special spirit: white spirit
2710 12 25	Special spirits other than white spirit
2710 12 31	Aviation motor spirit
2710 12 41	Motor spirit other than for aviation, with a lead content not exceeding 0,013 g per litre, with an octane number (RON) of less than 95
2710 12 45	Motor spirit other than for aviation, with a lead content not exceeding 0,013 g per litre, with an octane number (RON) of 95 or more but less than 98
2710 12 49	Motor spirit other than for aviation, with a lead content not exceeding 0,013 g per litre, with an octane number (RON) of 98 or more
2710 12 50	Motor spirit other than for aviation, with a lead content exceeding 0,013 g per litre

▼ **M20**

CN Code	Description
2710 12 70	Spirit type jet fuel
2710 12 90	Other light oils
	Medium oils
2710 19 21	Kerosene for Jet fuel
2710 19 25	Other Kerosene
	Heavy oils
2710 19 51	Fuel oils for undergoing a specific process
2710 19 55	Fuel oils for undergoing chemical transformation by a process other than those specified in respect of subheading 2710 19 51
2710 19 62	Fuel oils for other purposes with a sulphur content not exceeding 0,1 % by weight
2710 19 66	Fuel oils for other purposes with a sulphur content exceeding 0,1 % by weight but not exceeding 0,5 % by weight
2710 19 67	Fuel oils for other purposes with a sulphur content exceeding 0,5 % by weight
	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations not elsewhere specified or included, containing by weight 70 % or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations, containing biodiesel, other than waste oils
2710 20 32	Fuel oils with a sulphur content not exceeding 0,5 % by weight
2710 20 38	Fuel oils with a sulphur content exceeding 0,5 % by weight
2710 20 90	Other fuel oils

▼ **M20***ANNEX XXXII***List of petroleum products referred to in Article 3m paragraph 7**

CN Code	Description	Export volume quotas in kt
	Light oils and preparations for other purposes than specified in subheadings 2710 12 11 and 2710 12 15	
2710 12 25	Special spirits other than white spirit	282,8
2710 12 41	Motor spirit other than for aviation, with a lead content not exceeding 0,013 g per litre, with an octane number (RON) of less than 95	120,6
2710 12 45	Motor spirit other than for aviation, with a lead content not exceeding 0,013 g per litre, with an octane number (RON) of 95 or more but less than 98	995,6
2710 12 49	Motor spirit other than for aviation, with a lead content not exceeding 0,013 g per litre, with an octane number (RON) of 98 or more	3,4
	Heavy oils for other purposes than specified in subheadings 2710 19 51 and 2710 19 55	
2710 19 66	Fuel oils with a sulphur content exceeding 0,1 % by weight but not exceeding 0,5 % by weight	2,3
2710 19 67	Fuel oils with a sulphur content exceeding 0,5 % by weight	12,0

▼ M25*ANNEX XXXIII*

List of goods and technology and countries as referred to in Article 12f

CN Code	Description	Country
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▼ **M25***ANNEX XXXV***List of firearms and other arms referred to in Article 2aa**

CN Code	Description
9303	Other firearms and similar devices which operate by the firing of an explosive charge
ex 9304	Other arms (for example, spring, air or gas guns and pistols), excluding those of heading 9307

▼ **M31**

ANNEX XXXVI

List of partner countries for importation of iron and steel as referred to in
Article 3g(1)

SWITZERLAND

NORWAY

UNITED KINGDOM

LIECHTENSTEIN.

▼ **M26***ANNEX XXXVII*

List of goods and technology as referred to in Article 3k(1a)

CN code	Description
8409 99	Parts suitable for use solely or principally with compression-ignition internal combustion piston engine (diesel or semi-diesel engine), n.e.s.
8412 21	Hydraulic power engines and motors, linear acting (cylinders)
8413 50	Reciprocating positive displacement pumps for liquids, power-driven, n.e.s.
8421 23	Oil or petrol-filters for internal combustion engines
8421 31	Intake air filters for internal combustion engines
8428 39	Continuous-action elevators and conveyors, for goods or materials (excluding those for underground use and bucket, belt or pneumatic types)
8429 59	Self-propelled mechanical shovels, excavators and shovel loaders (excluding machinery with a 360° revolving superstructure and front-end shovel loaders)
8431 39	Parts suitable for use solely or principally with the machinery of heading 8428, (excluding parts of lifts, skip hoists or escalators), n.e.s.
8471 30	Portable automatic data-processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display
8471 70	Storage units for automatic data-processing machines
8481 20	Valves for oleohydraulic or pneumatic transmission
8502 20	Generating sets with spark-ignition internal combustion piston engines
8507 10	Lead-acid accumulators of a kind used for starting piston engines
8705 10	Crane lorries

▼ **M26***ANNEX XXXVIII***List of goods and products as referred to in Article 3p**

Part A

	CN code	Description
	7102 10	Unsorted diamonds
	7102 31	Non-industrial diamonds, unworked or simply sawn, cleaved or bruted
	7102 39	Non-industrial diamonds, other than unworked or simply sawn, cleaved or bruted

Part B

	7104 21	Synthetic or reconstructed diamonds, unworked or simply sawn or roughly shaped
	7104 91	Synthetic or reconstructed diamonds, other than unworked or simply sawn or roughly shaped

Part C

Ex	7113	Articles of jewellery and parts thereof, of precious metal or of metal clad with precious metal, incorporating diamonds
Ex	7114	Articles of goldsmiths' or silversmiths' wares and parts thereof, of precious metal or of metal clad with precious metal, incorporating diamonds
Ex	7115 90	Other articles of precious metal or of metal clad with precious metal, incorporating diamonds, not elsewhere specified, excluding platinum catalysts in the form of wire cloth or grill
Ex	7116 20	Articles of natural or cultured pearls, precious or semi-precious stones (natural, synthetic or reconstructed), incorporating diamonds
Ex	9101	Wristwatches, pocket-watches and other watches, including stopwatches, incorporating diamonds, with case of precious metal or of metal clad with precious metal

▼ **M26**

ANNEX XXXVIII B

**Authority for the verification of diamonds as referred to in paragraph 8 of
Article 3p**

Federal Public Service Economy at the Diamond Office

Hoveniersstraat 22

B-2018 Antwerpen

Belgium

▼ M26*ANNEX XXXIX***List of software as referred to in Article 5n(2b)**

Software for the management of enterprises, i.e. systems that digitally represent and steer all processes happening in an enterprise, including:

- enterprise resource planning (ERP),
- customer relationship management (CRM),
- business intelligence (BI),
- supply chain management (SCM),
- enterprise data warehouse (EDW),
- computerized maintenance management system (CMMS),
- project management software,
- product lifecycle management (PLM),
- typical components of the above-mentioned suites, including software for accounting, fleet management, logistics and human resources.

Design and Manufacturing Software used in the areas of architecture, engineering, construction, manufacturing, media, education and entertainment, including:

- building information modelling (BIM),
- computer aided design (CAD),
- computer-aided manufacturing (CAM),
- engineer to order (ETO),
- typical components of above-mentioned suites.

▼ M31

ANNEX XL

List of goods and technology as referred to in Article 12g

CN code	Description
8457 10	Machining centres for working metal
8458 11	Horizontal lathes, including turning centres, for removing metal, numerically controlled
8458 91	Lathes (including turning centres) for removing metal, numerically controlled (excluding horizontal lathes)
8459 61	Milling machines for metals, numerically controlled (excluding lathes and turning centres of heading 8458, way-type unit head machines, drilling machines, boring- milling machines, boring machines, and knee-type milling machines)
8466 93	Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8461, n.e.s.
8471 50	Processing units other than those of subheading 8471 41 or 8471 49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units
8471 80	Units for automatic data-processing machines (excl. processing units, input or output units and storage units)
8482 10	Ball bearings
8482 20	Tapered roller bearings, including cone and tapered roller assemblies
8482 30	Spherical roller bearings
8482 50	Other cylindrical roller bearings, including cage and roller assemblies
8486 10	Machines and apparatus for the manufacture of boules or wafers
8486 20	Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits
8486 40	Machines and apparatus specified in note 11(C) to this chapter
8504 40	Static converters
8517 62	Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus
8517 69	Other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network
8525 89	Other television cameras, digital cameras and video camera recorders
8526 91	Radio navigational aid apparatus
8529 10	Aerials and aerial reflectors of all kinds; parts suitable for use therewith
8529 90	Other parts suitable for use solely or principally with the apparatus of headings 8524 to 8528
8532 21	Other fixed capacitors: Tantalum capacitors

▼ **M31**

CN code	Description
8532 24	Other fixed capacitors: Ceramic dielectric, multilayer
8534 00	Printed circuits
8536 69	Plugs and sockets for a voltage not exceeding 1 000 V
8536 90	Electrical apparatus for switching electrical circuits, or for making connections to or in electrical circuits, for a voltage not exceeding 1 000 V (excluding fuses, automatic circuit breakers and other apparatus for protecting electrical circuits, relays and other switches, lamp holders, plugs and sockets)
8541 10	Diodes, other than photosensitive or light-emitting diodes (LED)
8541 21	Transistors, other than photosensitive transistors with a dissipation rate of less than 1 W
8541 29	Other transistors, other than photosensitive transistors
8541 30	Thyristors, diacs and triacs (excl. photosensitive semiconductor devices)
8541 49	Photosensitive semiconductor devices (excl. Photovoltaic generators and cells)
8541 51	Other semiconductor devices: Semiconductor-based transducers
8541 59	Other semiconductor devices
8541 60	Mounted piezo-electric crystals
8542 31	Electronic integrated circuits: Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits
8542 32	Electronic integrated circuits: Memories
8542 33	Electronic integrated circuits: Amplifiers
8542 39	Electronic integrated circuits: Other
8543 20	Signal generators
8548 00	Electrical parts of machinery or apparatus, not specified or included elsewhere in chapter 85
8807 30	Other parts of aeroplanes, helicopters or unmanned aircraft
9013 10	Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this chapter or Section XVI
9013 80	Other optical devices, appliances and instruments
9014 20	Instruments and appliances for aeronautical or space navigation (other than compasses)
9014 80	other navigational instruments and appliances
9027 50	Other instruments and apparatus using optical radiations (ultraviolet, visible, infrared)
9030 20	Oscilloscopes and oscillographs
9030 32	Multimeters with recording device
9030 39	Instruments and apparatus for measuring or checking voltage, current, resistance or electrical power, with recording device
9030 82	Instruments and apparatus for measuring or checking semiconductor wafers or devices

▼ M30*ANNEX XLI***Allocation of financial contribution to spending instruments**

1. Amounts transferred to the Union budget in accordance with Article 1a(11) of Decision 2014/512/CFSP as amended by Decision (CFSP) 2024/1470 shall be allocated to Union spending instruments supporting Ukraine according to the following key:
 - (a) Ukraine Facility, established by Regulation (EU) 2024/792 of the European Parliament and of the Council ⁽¹⁾: 100 %;
 - (b) Union programmes supporting cooperation for common procurement of additional quantities for Ukraine and aiming at the recovery, reconstruction and modernisation of the Ukraine Defence Technological and Industrial Base: 0 %.
2. In order to respond to unforeseen situations or to new developments and needs, annual deviations from the percentages referred to in paragraph 1 of up to a maximum of 10 % shall be possible.

⁽¹⁾ Regulation (EU) 2024/792 of the European Parliament and of the Council of 29 February 2024 establishing the Ukraine Facility (OJ L, 2024/792, 29.2.2024, ELI: <http://data.europa.eu/eli/reg/2024/792/oj>.)

▼ M31

ANNEX XLII

List of vessels referred to in Article 3s

	Vessel name	IMO number	Grounds for inclusion	Date of application
1.	M/V Angara	9179842	Article 3s, paragraph 2(a): transport goods and technology used in the defence and security sector, from or to Russia, for use in Russia or for Russia's warfare in Ukraine.	25.6.2024
2.	M/V Maria	8517839	Article 3s, paragraph 2(a): transport goods and technology used in the defence and security sector, from or to Russia, for use in Russia or for Russia's warfare in Ukraine.	25.6.2024
3.	Saam FSU	9915090	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
4.	Koryak FSU	9915105	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
5.	Hana	9353113	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
6.	Canis Power	9289520	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024

▼M31

	Vessel name	IMONumber	Grounds for inclusion	Date of application
7.	Andromeda Star	9402471	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
8.	NS Lotus	9339337	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
9.	NS Spirit	9318553	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
10.	NS Stream	9318541	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
11.	SCF Amur	9333436	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
12.	Lady R	9161003	Article 3s, paragraph 2(a): transport goods and technology used in the defence and security sector, from or to Russia, for use in Russia or for Russia's warfare in Ukraine.	25.6.2024
13.	Maia-1	9358010	Article 3s, paragraph 2(a): transport goods and technology used in the defence and security sector, from or to Russia, for use in Russia or for Russia's warfare in Ukraine.	25.6.2024

▼ M31

	Vessel name	IMONumber	Grounds for inclusion	Date of application
14.	Audax	9763837	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
15.	Pugnax	9763849	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
16.	Hunter Star	9830769	Article 3s, paragraph 2(c): are operated in such a way as to contribute or support actions or policies for the exploitation, development or expansion of the energy sector in Russia, including energy infrastructure.	25.6.2024
17.	Hebe	9259185	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
18.	Enisey	9079169	Article 3s, paragraph 2(d): are operated in such a way as to contribute or support actions or policies which undermine or threaten the economic subsistence or food security of Ukraine, such as the transport of stolen Ukrainian grain, or the preservation of cultural heritage of Ukraine, such as the transport of stolen Ukrainian cultural goods.	25.6.2024
19.	Vela Rain	9331141	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024

▼ M31

	Vessel name	IMO number	Grounds for inclusion	Date of application
20.	Ocean AMZ	9394935	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
21.	Galian 2	9331153	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
22.	Robon	9144782	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
23.	Beks Aqua	9277735	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024
24.	Kemerovo	9312884	Article 3s, paragraph 2(b): transport crude oil or petroleum products, as listed in Annex XXV, that originate in Russia or are exported from Russia while practicing irregular and high-risk shipping practices as set out in the International Maritime Organisation General Assembly resolution A.1192(33).	25.6.2024

▼ **M31**

	Vessel name	IMO number	Grounds for inclusion	Date of application
25.	Krymsk	9270529	Article 3s, paragraph 2(g): owned, chartered or operated by natural or legal persons, entities or bodies listed in Annex I to Regulation (EU) No 269/2014, are otherwise used in the name of, on behalf of, in relation with or for the benefit of such persons.	25.6.2024
26.	Krasnoyarsk	9312896	Article 3s, paragraph 2(g): owned, chartered or operated by natural or legal persons, entities or bodies listed in Annex I to Regulation (EU) No 269/2014, are otherwise used in the name of, on behalf of, in relation with or for the benefit of such persons.	25.6.2024
27.	Kaliningrad	9341067	Article 3s, paragraph 2(g): owned, chartered or operated by natural or legal persons, entities or bodies listed in Annex I to Regulation (EU) No 269/2014, are otherwise used in the name of, on behalf of, in relation with or for the benefit of such persons.	25.6.2024

▼ **M31**

ANNEX XLIII

List of legal persons, entities and bodies referred to in Article 5ab

[...]

▼ M31

ANNEX XLIV

List of legal persons, entities and bodies referred to in Article 5ac

[...]

▼ **M31**

ANNEX XLV

List of legal persons, entities and bodies, which are credit and financial institutions, referred to in Article 5ad

[...]