[^{F1}ANNEX I

GOODS AND TECHNOLOGY REFERRED TO IN ARTICLES 2 AND 3

Textual Amendments

F1 Substituted by Council Regulation (EU) No 1283/2009 of 22 December 2009 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

All goods and technology listed in Annex I to Regulation (EC) No 428/2009.]

[^{F2}ANNEX Ia

Goods and technology referred to in articles 2 and 3

Textual Amendments

F2 Substituted by Council Regulation (EU) No 567/2010 of 29 June 2010 amending Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

Other items, materials, equipment, goods and technology which could contribute to North Korea's nuclear-related, other weapons of mass destruction-related or ballistic missile-related programmes

- 1. Unless otherwise stated, reference numbers used in the column entitled 'Description' refer to the descriptions of dual use items and technology set out in Annex I to Regulation (EC) No 428/2009⁽¹⁾.
- 2. A reference number in the column entitled 'Related item from Annex I to Regulation (EC) No 428/2009' means that the characteristics of the item described in the column 'Description' lie outside the parameters set out in the description of the dual use entry referred to.
- 3. Definitions of terms between 'single quotation marks' are given in a technical note to the relevant item.
- 4. Definitions of terms between 'double quotation marks' can be found in Annex I to Regulation (EC) No 428/2009.

GENERAL NOTES

1. The object of the prohibitions contained in this Annex should not be defeated by the export of any non-prohibited goods (including plant) containing one or more prohibited components when the prohibited component or components are the principal element of the goods and can feasibly be removed or used for other purposes.

N.B.: In judging whether the prohibited component or components are to be considered the principal element, it is necessary to weigh the factors of quantity, value and technological knowhow involved and other special circumstances which might establish the prohibited component or components as the principal element of the goods being procured.

2. Goods specified in this Annex include both new and used goods.

Document Generated. 2027-0	0-2
Status: Point in time view as at 03/07/2015.	
Changes to legislation: There are currently no known outstanding effects for the	
Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)	

GENERAL TECHNOLOGY NOTE (GTN)(To be read in conjunction with Part C.)

- 1. The sale, supply, transfer or export of 'technology' which is 'required' for the 'development', 'production' or 'use' of goods the sale, supply, transfer or export of which is prohibited in Part A (Goods) below, is prohibited in accordance with the provisions of Part B.
- 2. The 'technology' required' for the 'development', 'production' or 'use' of prohibited goods remains under prohibition even when applicable to non-prohibited goods.
- 3. Prohibitions do not apply to that 'technology' which is the minimum necessary for the installation, operation, maintenance (checking) and repair of those goods which are not prohibited.
- 4. Prohibitions on 'technology' transfer do not apply to information 'in the public domain', to 'basic scientific research' or to the minimum necessary information for patent applications.

A. GOODS NUCLEAR MATERIALS, FACILITIES, AND EQUIPMENT

I.A0.

GOODS

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
I.A0.001	Hollow cathode lamps as follows: a. Iodine hollow cathode lamps with windows in pure silicon or quartz; b. Uranium hollow cathode lamps.	
I.A0.002	Faraday isolators in the wavelength range 500 nm – 650 nm.	
I.A0.003	Optical gratings in the wavelength range 500 nm – 650 nm.	
I.A0.004	Optical fibres in the wavelength range 500 nm - 650 nm coated with anti- reflecting layers in the wavelength range 500 nm - 650 nm and having a core diameter greater than 0,4 mm but not exceeding 2 mm.	

I.A0.005	Nuclear reactor vessel components and testing equipment, other than those specified in 0A001, as follows: a. Seals; b. Internal components; c. Sealing, testing and measurement equipment.	0A001
I.A0.006	Nuclear detection systems, other than those specified in 0A001.j. or 1A004.c., for detection, identification or quantification of radioactive materials or radiation of nuclear origin and specially designed components thereof. <i>N.B: For personal equipment</i> <i>refer to I.A1.004 below.</i>	0A001.j. 1A004.c.
I.A0.007	Bellows-sealed valves other than those specified in 0B001.c.6., 2A226 or 2B350, made of aluminium alloy or stainless steel type 304, 304L or 316L.	0B001.c.6. 2A226 2B350
I.A0.008	Laser mirrors, other than those specified in 6A005.e., consisting of substrates having a thermal expansion coefficient of 10 ⁻⁶ K ⁻¹ or less at 20 °C (e.g. fused silica or sapphire). <i>Note:</i> <i>This item does not cover</i> <i>optical systems specially</i> <i>designed for astronomical</i> <i>applications, except if the</i> <i>mirrors contain fused silica.</i>	0B001.g.5. 6A005.e.
I.A0.009	Laser lenses, other than those specified in 6A005.e.2, consisting of substrates having a thermal expansion coefficient of 10^{-6} K ⁻¹ or less at 20 °C (e.g. fused silica).	0B001.g. 6A005.e.2.
I.A0.010	Pipes, piping, flanges, fittings made of, or lined with nickel, or nickel alloy containing	2B350

Status: Point in time view as at 03/07/2015.
Changes to legislation: There are currently no known outstanding effects for the
Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)

	more than 40 % nickel by weight, other than those specified in 2B350.h.1.	
I.A0.011	 Vacuum pumps other than those specified in 0B002.f.2. or 2B231, as follows: a. Turbo-molecular pumps having a flow-rate equal to or greater than 400 l/s; b. Roots type vacuum roughing pumps having a volumetric aspiration flow-rate greater than 200 m³/ h; c. Bellows-sealed, scroll, dry compressor, and bellows-sealed, scroll, dry vacuum pumps. 	0B002.f.2. 2B231
I.A0.012	Shielded enclosures for the manipulation, storage and handling of radioactive substances (hot cells).	0B006
I.A0.013	'Natural uranium' or 'depleted uranium' or thorium in the form of metal, alloy, chemical compound or concentrate and any other material containing one or more of the foregoing, other than those specified in 0C001.	0C001
I.A0.014	Detonation chambers having a capacity of explosion absorption of more than 2,5 kg TNT equivalent.	

SPECIAL MATERIALS AND RELATED EQUIPMENT

I.A1.

GOODS

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
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	<i>Status:</i> Point in time view as at 03/07/2015. <i>nges to legislation:</i> There are currently no known outstandi il Regulation (EC) No 329/2007 (repealed). (See end of Doo	
I.A1.001	Bis(2-ethylhexyl) phosphoric acid (HDEHP or D2HPA) Chemical Abstract Number (CAS): [CAS 298-07-7] solvent in any quantity, with a purity greater than 90 %.	
I.A1.002	Fluorine gas CAS: [7782-41-4], with a purity of at least 95 %.	
I.A1.003	Ring-shaped seals and gaskets, having an inner diameter of 400 mm or less, made of any of the following materials:1a.Copolymers of vinylidene fluoride having 75 % or more beta crystalline structure without stretching;b.Fluorinated polyimides containing 10 % by weight or more of combined fluorine;c.Fluorinated phosphazene elastomers containing 30 % by weight or more of combined fluorine;d.Polychlorotrifluoroethy (PCTFE, e.g. Kel-F ®);e.Fluoro-elastomers (e.g. Viton ®, Tecnoflon ®);f.Polytetrafluoroethylem (PTFE).	-
I.A1.004	Personal equipment for 1 detecting radiation of nuclear origin, other than that specified in 1A004.c., including personal dosimeters.	1A004.c.
I.A1.005	Electrolytic cells for fluorine 1 production, other than those specified in 1B225, with an output capacity greater than 100 g of fluorine per hour.	1B225

I.A1.006	Catalysts, other than those specified in 1A225 or 1B231, containing platinum, palladium or rhodium, usable for promoting the hydrogen isotope exchange reaction between hydrogen and water for the recovery of tritium from heavy water or for the production of heavy water.	1A225 1B231
I.A1.007	Aluminium and its alloys, other than those specified in 1C002.b.4. or 1C202.a., in crude or semi-fabricated form having either of the following characteristics: a. 'Capable of' an ultimate tensile strength of 460 MPa or more at 293 K (20 °C); or b. Having a tensile strength of 415 MPa or more at 298 K (25 °C). Technical note: The phrase alloys 'capable of' encompasses alloys before or after heat treatment.	1C002.b.4. 1C202.a.
I.A1.008	Magnetic metals, of all types and of whatever form, other than those specified in 1C003.a. having an 'initial relative permeability' of 120 000 or more and a thickness between 0,05 mm and 0,1 mm. <i>Technical note:</i> <i>Measurement of 'initial</i> <i>relative permeability' must be</i> <i>performed on fully annealed</i> <i>materials.</i>	1C003.a.
I.A1.009	'Fibrous or filamentary materials' or prepregs, other than those specified in 1C010.a., 1C010.b., 1C210.a. or 1C210.b., as follows: a. Aramid 'fibrous or filamentary materials' having either of	1C010.a. 1C010.b. 1C210.a. 1C210.b.

	the following characteristics: 'specific modulus' exceeding 10×10^6 m; or 'specific tensile strength' exceeding 17×10^4 m;
b.	Glass 'fibrous or filamentary materials' having either of the following characteristics: 'specific modulus' exceeding $3,18 \times 10^6$ m; or 'specific tensile strength' exceeding $76,2 \times 10^3$ m;
с.	Thermoset resin- impregnated continuous 'yarns', 'rovings', 'tows' or 'tapes' with a width of 15 mm or less (once prepregs), made from glass 'fibrous or filamentary materials' other than those specified in I.A1.010.a. below;
d. e.	Carbon 'fibrous or filamentary materials'; Thermoset resin- impregnated continuous 'yarns', 'rovings', 'tows', or 'tapes', made from carbon 'fibrous

	or filamentary materials'; f. Polyacrylonitrile (PAN) continuous 'yarns', 'rovings', 'tows' or 'tapes'; g. Para-aramid 'fibrous or filamentary	
	materials' (Kevlar® and other Kevlar®- like fibres).	
I.A1.010	Resin-impregnated or pitch-impregnated fibres (prepregs), metal or carbon- coated fibres (preforms) or 'carbon fibre preforms', as follows: 1C010 a. Made from 'fibrous or filamentary materials' specified in I.A1.009 above; 1C010 b. Epoxy resin 'matrix' impregnated carbon 'fibrous or filamentary materials' (prepregs), specified in 1C010.a., 1C010.b. or 1C010.c., for the repair of aircraft structures or laminates, of which the size of individual sheets does not exceed 50 cm × 90 cm; 1C010.b. or 1C010.b. or 1C010.c., when impregnated with phenolic or epoxy resins having a glass transition temperature (Tg) less than 433 K (160 °C) and a cure temperature lower than the	

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Changes to legislation: There are currently no known outstanding effects for the	
Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)	

	glass transition temperature.	
I.A1.011	Reinforced silicon carbide ceramic composites usable for nose tips, re-entry vehicles, nozzle flaps, usable in 'missiles', other than those specified in 1C107.	1C107
I.A1.012	Not used.	
I.A1.013	Tantalum, tantalum carbide, tungsten, tungsten carbide and alloys thereof, other than those specified in 1C226, having both of the following characteristics: a. In forms having a hollow cylindrical or spherical symmetry (including cylinder segments) with an inside diameter between 50 mm and 300 mm; and b. A mass greater than 5 kg.	1C226
I.A1.014	'Elemental powders' of cobalt, neodymium or samarium or alloys or mixtures thereof containing at least 20 % by weight of cobalt, neodymium or samarium, with a particle size less than 200 μm. <i>Technical note:</i> ' <i>Elemental powder' means</i> <i>a high purity powder of one</i> <i>element.</i>	
I.A1.015	Pure tributyl phosphate (TBP) [CAS No 126-73-8] or any mixture having a TBP content of more than 5 % by weight.	
I.A1.016	Maraging steel, other than those specified by 1C116 or 1C216. <i>Technical notes:</i> 1. <i>The phrase</i>	1C116 1C216
	maraging steel	

	 'capable of' encompasses maraging steel before or after heat treatment. 2. Maraging steels are iron alloys generally characterised by high nickel, very low carbon content and the use of substitutional elements or precipitates to produce strengthening and age-hardening of the alloy. 	
I.A1.017	Metals, metal powders and material as follows: a. Tungsten and tungsten alloys, other than those specified in 1C117, in the form of uniform spherical or atomized particles of 500 μ m (micrometre) diameter or less with a tungsten content of 97 % by weight or more; b. Molybdenum and molybdenum alloys, other than those specified in 1C117, in the form of uniform spherical or atomized particles of 500 μ m diameter or less with a molybdenum content of 97 % by weight or more; c. Tungsten materials in the solid form, other than those specified in 1C226 having material	1C117 1C226

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	ation: There are curre	view as at 03/0//2015 ently no known outstan epealed). (See end of L	ding effects for the
	comp	positions as	
	1.	Tungsten and alloys containing	
		97 % by weight or more of	
	2.	tungsten; Copper infiltrated	
		tungsten containing 80 % by weight or	
		more of tungsten; or	
	3.	Silver infiltrated tungsten containing	
		80 % by weight or more of tungsten.	
I.A1.018	b. betwo 60 % b. Coba	alloys, other cified in g a chemical s follows: content een 30 % and c; and lt content een 40 % and	1C003
I.A1.019	Not used.		
I.A1.020		2004 or	0C004 1C107.a.
[^{F3} I.A1.021	'capa ultim	ny of the	1C116 1C216

	MPa or more, at 293 K (20 °C); or (b) Nitrogen-stabilised duplex stainless steel. Note: the phrase alloys 'capable of' encompasses alloys before or after heat treatment. Technical note: 'nitrogen- stabilised duplex stainless steel' has a two-phase microstructure consisting of grains of ferritic and austenitic steel with the addition of nitrogen to stabilise the microstructure.	
I.A1.022	Carbon-Carbon Composite material.	1A002.b.1
I.A1.023	Nickel alloys in crude or semi-fabricated form, containing 60 % by weight or more nickel.	1C002.c.1.a
I.A1.024	Titanium alloys in sheet or plate form 'capable of' an ultimate tensile strength of 900 MPa or more at 293 K (20 °C). Note: the phrase alloys 'capable of' encompasses alloys before or after heat treatment.	1C002.b.3]
[^{F4} I.A1.025	Titanium alloys, other than those specified in 1C002 and 1C202.	1C002
		1C202
I.A1.026	Zirconium and zirconium alloys, other than those specified in 1C011, 1C111 and 1C234.	1C011
		1C111
		1C234
I.A1.027	Explosive materials other than those specified in 1C239, or materials or mixtures containing more than 2 % by weight of such explosive materials, with a	1C239]

crystalline density higher
than 1,5 g/cm ^{3} and with a detonation speed higher than
detonation speed higher than
5 000 m/s.

Textual Amendments

- **F3** Inserted by Council Regulation (EU) No 296/2013 of 26 March 2013 amending Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- **F4** Inserted by Council Regulation (EU) No 696/2013 of 22 July 2013 amending Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

MATERIALS PROCESSING

I.A2.

GOODS

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
I.A2.001	 Vibration test systems, equipment and components thereof, other than those specified in 2B116: a. Vibration test systems employing feedback or closed loop techniques and incorporating a digital controller capable of vibratin a system at an acceleration equal to or greater than 0,1 g rms between 0,1 Hz and 2 kHz and imparting forces equal to or greater than 50 kN measured 'bare table'; b. Digital controllers combined with specially designed vibration test 'software', with a 'real-time control bandwidth greater than 5 kHz 	, g ,

[^{F5} I.A2.002	Machine tools, other than those specified in 2B001 or2B001
IF51 A 2 002	
	fixture or fittings.
	table, or surface, with no
	'bare table' means a flat
	Technical note:
	specified in a.
	table', and usable in vibration systems
	measured 'bare
	greater than 50 kN,
	force equal to or
	effective combined
	of providing an
	system capable
	combine multiple shaker units in a
	designed to
	electronic units
	structures and
	d. Test piece support
	a.;
	systems specified in
	in vibration test
	table', and usable
	measured 'bare
	greater than 50 kN,
	force equal to or
	of imparting a
	amplifiers, capable
	associated
	(snaker units), with or without
	c. Vibration thrusters (shaker units),
	signals.
	transmitting control
	processing data and transmitting control
	of sampling,
	complete cycles
	<i>can execute</i>
	which a controller
	maximum rate at
	defined as the
	bandwidth' is
	'Real-time control
	Technical note:
	a.;
	systems specified in
	with vibration test

authorities of the Member State in which they are established.

Status: Point in time view as at 03/07/2015.
Changes to legislation: There are currently no known outstanding effects for the
Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)

	thereof, for removing (or cutting) metals, ceramics, or 'composites' that, according to the manufacturer's technical specification, can be equipped with electronic devices for 'numerical control', having positioning accuracies of equal to or less (better) than 30 μm according to ISO 230/2 (1988) ^a or national equivalents along any linear axis.	
		2B201]
I.A2.002a	Components and numerical controls, specially designed for machine tools specified in 2B001, 2B201 or I.A2.002 above.	
I.A2.003	Balancing machines and related equipment as follows:a.Balancing machines, designed or modified for dental or other medical equipment, having all the following characteristics:1.Not capable of balancing rotors/ assemblies having a mass greater than 3 kg;2.Capable of balancing rotors/ assemblies assemblies at speeds greater than 12 500 rpm;3.Capable of	

be used to provide remote actions in radiochemical separation operations or hot cells, other than those specified in 2B225, having either of the following characteristics: a. A capability of penetrating a hot cell wall of 0,3 m or more (through the wall operation); or b. A capability of bridging over the top of a hot		unbalance in two planes or more; and 4. Capable of balancing to a residual specific unbalance of 0,2 g × mm per kg of rotor mass; b. 'Indicator heads' designed or modified for use with machines specified in a. above. <i>Technical note:</i> 'Indicator heads' are sometimes known as balancing instrumentation.	
thickness of 0,3 m or more (over the wall operation). Technical note: Remote manipulators provide translation of human operator actions to a remote operating arm and terminal fixture. They may be of	I.A2.004	be used to provide remote actions in radiochemical separation operations or hot cells, other than those specified in 2B225, having either of the following characteristics: a. A capability of penetrating a hot cell wall of 0,3 m or more (through the wall operation); or b. A capability of bridging over the top of a hot cell wall with a thickness of 0,3 m or more (over the wall operation). <i>Technical note:</i> <i>Remote manipulators</i> <i>provide translation of human</i> <i>operator actions to a remote</i> <i>operating arm and terminal</i>	2B225

<i>Status:</i> Point in time view as at 03/07/2015.
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	master/slave type or operated by joystick or keypad.	
I.A2.005	Controlled atmosphere heat treatment furnaces or oxidation furnaces capable of operation at temperatures above 400 °C. <i>Note:</i> <i>This item does not cover</i> <i>tunnel kilns with roller or</i> <i>car conveyance, tunnel</i> <i>kilns with conveyor belt,</i> <i>pusher type kilns or shuttle</i> <i>kilns, specially designed</i> <i>for the production of glass,</i> <i>tableware ceramics or</i> <i>structural ceramics.</i>	2B226 2B227
I.A2.006	Not used.	
I.A2.007	'Pressure transducers', other than those defined in 2B230, capable of measuring absolute pressures at any point in the range 0 to 200 kPa and having both of the following characteristics: a. Pressure sensing elements made of or protected by 'Materials resistant to corrosion by uranium hexafluoride (UF_6) '; and b. Having either of the following characteristics: 1. A full scale of less than 200 kPa and an 'accuracy' of better than ± 1 % of full scale; or 2. A full scale of	2B230

equipment (mixer-settlers, pulsed columns, plate columns, centrifugal contactors); and liquid distributors, vapour distributors or liquid collectors designed for such equipment, where all surfaces that come in direct contact with the chemical(s) being processed are made from any of the following materials: a. Alloys with more than 25 % nickel and 20 % chromium by weight; b. Fluoropolymers; c. Glass (including vitrified or enamelled coating or glass lining); d. Graphite or 'carbon graphite'; e. Nickel or alloys with more than 40 % nickel by weight; f. Tantalum or		or greater and an 'accuracy' of better than 2 kPa. Technical note: For the purposes of 2B230 'accuracy' includes non- linearity, hysteresis and repeatability at ambient temperature.
g. Titanium anoys, g. Titanium or titanium alloys; h. Zirconium or zirconium alloys; or i. Stainless steel. <i>Technical note:</i> 'Carbon graphite' is a composition consisting of	I.A2.008	equipment (mixer-settlers, pulsed columns, plate columns, centrifugal contactors); and liquid distributors or liquid collectors designed for such equipment, where all surfaces that come in direct contact with the chemical(s) being processed are made from any of the following materials: a. Alloys with more than 25 % nickel and 20 % chromium by weight; b. Fluoropolymers; c. Glass (including vitrified or enamelled coating or glass lining); d. Graphite or 'carbon graphite'; e. Nickel or alloys with more than 40 % nickel by weight; f. Tantalum or tantalum alloys; g. Titanium or zirconium alloys; or i. Stainless steel. <i>Technical note:</i> ' <i>Carbon graphite' is a</i>

Council	Regulation (EC) No 329/2007 (repealed). (See end of Document for details)	
	amorphous carbon and graphite, in which the graphite content is 8 % or more by weight.	
I.A2.009	more by weight.2B350.d.Industrial equipment and components, other than those specified in 2B350.d., as follows:2B350.d.Heat exchangers or condensers with a heat transfer surface area greater than 0,05 m², and less than 30 m²; and tubes, plates, coils or blocks (cores) designed for such heat exchangers 	

	implementation of sealing functions do not determine the status of control of the heat exchanger.	
I.A2.010	Neur exchanger.Multiple-seal, and seal-lesspumps, other than thosespecified in 2B350.i, suitablefor corrosive fluids, orvacuum pumps and casings(pump bodies), preformedcasing liners, impellers,rotors or jet pump nozzlesdesigned for such pumps, inwhich all surfaces that comein direct contact with thechemical(s) being processedare made from any of thefollowing materials:a.Alloys with morethan 25 % nickeland 20 % chromiumby weight;b.Ceramics;c.Ferrosilicon;d.Fluoropolymers;e.Glass (includingvitrified orenamelled coatingsor glass lining);f.Graphite or 'carbongraphite';g.Nickel or alloyswith more than40 % nickel byweight;h.Tantalum ortantalum alloys;i.Titanium orcolumbium) orniobium alloys;l.Stainless steel;m.Aluminium alloys;orn.Rubber.	2B350.i.
	Technical notes:	

	Status: Point in time view as at 03/07/2015 nges to legislation: There are currently no known outstat il Regulation (EC) No 329/2007 (repealed). (See end of I	nding effects for the
	The materials used for gaskets and seals and other implementations of sealing functions do not determine the status of control of the pump. The term 'rubber' encompasses all kinds of natural and synthetic rubbers.	
I.A2.011	 'Centrifugal separators', other than those specified in 2B352.c., capable of continuous separation without the propagation of aerosols and manufactured from: a. Alloys with more than 25 % nickel and 20 % chromium by weight; b. Fluoropolymers; c. Glass (including vitrified or enamelled coating or glass lining); d. Nickel or alloys with more than 40 % nickel by weight; e. Tantalum or tantalum alloys; f. Titanium or zirconium alloys. Technical note: 'Centrifugal separators' include decanters. 	2B352.c.
I.A2.012	Sintered metal filters, other than those specified in 2B352.d., made of nickel or nickel alloy with more than 40 % nickel by weight.	2B352.d.
I.A2.013	Spin-forming machines and flow-forming machines, other than those specified by 2B009, 2B109 or 2B209	2B009 2B109 2B209

authorities of the Member State in which they are established.

	compo Technic For the machin functio flow-fo	es combins of spir	refor. e of this item, ining the 1-forming and e regarded as	
I.A2.014	other th	uipment and reagents, er than those specified in 350 or 2B352, as follows: Fermenters capable of cultivation of pathogenic 'micro-organisms' or viruses, or capable of toxin production, without the propagation of aerosols, and having a total capacity of 10 1 or more; Agitators for fermenters as mentioned in a.above; Technical Note: Fermenters include bioreactors, chemostats and continuous-flow		2B350 2B352
	с.	follow 1. 2. 3. 4.	atory nent as 's: Polymerase chain reaction (PCR)- equipment Genetic sequencing equipment; Genetic synthesizers Electropora equipment;	5;
		5.	Specific reagents	

authorities of the Member State in which they are established.

0	<i>Status:</i> Point in time view as at 03/07/2015. <i>legislation:</i> There are currently no known outstanding effects for the ation (EC) No 329/2007 (repealed). (See end of Document for details)
	associated with the equipment in I.A2.014.c. numbers 1. to 4. above; d. Filters, micro- filters, nano-filters or ultra-filters usable in industrial or laboratory biology for continuous filtering, except filters specially designed or modified for medical or clear water production purposes and to be used in the framework of EU or UN officially supported projects; e. Ultracentrifuges, rotors and adaptors for ultracentrifuges; f. Freeze drying equipment.
I.A2.015	Equipment, other than that specified in 2B005, 2B105 or 3B001.d., for the deposition of metallic overlays as follows, and specially designed components and accessories therefor: a. Chemical vapour deposition (CVD) production equipment; b. Physical vapour deposition (PVD) production equipment; c. Production equipment for deposition by means of inductive or resistance heating.

.A2.016	Open tanks or containers,	2B350	
	with or without agitators,		
	with a total internal		
	(geometric) volume greate	r	
	than 0.5 m^3 (500 litres),		
	where all surfaces that con	ne	
	in direct contact with the		
	chemical(s) being processe	ed	
	or contained are made		
	from any of the following		
	materials:		
	a. Alloys with more	e	
	than 25 % nickel		
	and 20 % chromi	ium	
	by weight;		
	b. Fluoropolymers;		
	c. Glass (including		
	vitrified or		
	enamelled coatin	lgs	
	or glass lining);		
	d. Nickel or alloys		
	with more than		
	40 % nickel by		
	weight;		
	e. Tantalum or		
	tantalum alloys;		
	f. Titanium or		
	titanium alloys;		
	g. Zirconium or		
	zirconium alloys		
	h. Niobium	, 	
	(columbium) or		
	niobium alloys;		
	i. Stainless steel;		
	j. Wood; or		
	k. Rubber.		
	Technical note:		
	The term 'rubber'		
	encompasses all kinds		
	of natural and synthetic		
	rubbers.		

a Manufacturers calculating positioning accuracy in accordance with ISO 230/2 (1997) should consult the competent authorities of the Member State in which they are established.

Textual Amendments

F5 Substituted by Council Regulation (EU) No 696/2013 of 22 July 2013 amending Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

ELECTRONICS

I.A3.

GOODS

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
I.A3.001	 High voltage direct current power supplies, other than those specified in 0B001.j.5. or 3A227, having both of the following characteristics: a. Capable of continuously producing, over a time period of eight hours, 10 kV or more, with output power of 5 kW or more with or without sweeping; and b. Current or voltage stability better than 0,1 % over a time period of four hours. 	0B001.j.5. 3A227
I.A3.002	 Mass spectrometers, other than those specified in 0B002.g. or 3A233, capable of measuring ions of 200 atomic mass units or more and having a resolution of better than 2 parts in 200, as follows, and ion sources therefor: a. Inductively coupled plasma mass spectrometers (ICP/ MS); b. Glow discharge mass spectrometers (GDMS); c. Thermal ionisation mass spectrometers (TIMS); d. Electron bombardment mass spectrometers which have a source chamber constructed 	0B002.g. 3A233

	e. f.	to corros by uraniu hexafluon Molecula mass spe having ei the follow character 1. 2. 2. Mass spe equipped micro-flu ion source for actinii actinide f	with s resistant ion ind ride UF6'; ar beam ctrometers ther of ving istics: A source chamber constructed from, lined with or plated with stainless steel or molybdenur and equipped with a cold trap capable of cooling to 193 K ($-$ 80 °C) or less; or A source chamber constructed from, lined with or plated with a cold trap capable of cooling to 193 K ($-$ 80 °C) or less; or A source chamber constructed from, lined with or plated with a cold trap capable of cooling to 193 K ($-$ 80 °C) or less; or A source chamber constructed from, lined with or plated with materials resistant to UF ₆ ; cetrometers with a corination the designed des or fluorides.	n
I.A3.003	specified or 3A225 following	y changer s, other the by 0B00 5, having a g characte ally desig	han those 1.b.13. all of the ristics,	0B001.b.13. 3A225

<i>Status: Point in time view as at 03/07/2015.</i>	
Changes to legislation: There are currently no known outstanding effects for the	
Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)	

	components and software therefor:
	 a. Multiphase output capable of providing a power of 40 W or greater; b. Capable of operating in the frequency range between 600 and 2 000 Hz; and c. Frequency control better (less) than 0,1 %. <i>Technical notes:</i>
	1. Frequency changers are also known as converters, inverters, generators, electronic test equipment, AC power supplies, variable speed motor drives or variable frequency drives.
	2. The functionality specified in this item may be met by certain equipment marketed as: electronic test equipment, AC power supplies, variable speed motor drives or variable frequency drives.
I.A3.004	Spectrometers and diffractometers, designed for the indicative test or quantitative analysis of the elemental composition of metals or alloys without chemical decomposition of the material.

SENSORS AND LASERS

I.A6.

GOODS

No	Description	Related item from Annex I to Regulation (EC) No 428/2009	
I.A6.001	Yttrium aluminium garnet (YAG) rods.		
I.A6.002	Optical equipment and components, other than those specified in 6A002 or 6A004.b. as follows: Infrared optics in the wavelength range 9 μ m– 17 μ m and components thereof, including cadmium telluride (CdTe) components.	6A002 6A004.b.	
I.A6.003	Wave front corrector systems, other than mirrors specified in 6A004.a., 6A005.e. or 6A005.f., for use with a laser beam having a diameter exceeding 4 mm, and specially designed components thereof, including control systems, phase front sensors and 'deformable mirrors' including bimorph mirrors.	6A004.a. 6A005.e. 6A005.f.	
I.A6.004	Argon ion 'lasers', other than those specified in 0B001.g.5., 6A005.a.6. and/or 6A205.a., having an average output power equal to or greater than 5 W.	0B001.g.5. 6A005.a.6. 6A205.a.	
I.A6.005	Semiconductor 'lasers', other than those specified in 0B001.g.5., 0B001.h.6. or 6A005.b., and components thereof, as follows: a. Individual semiconductor 'lasers' with an output power greater than 200 mW each, in quantities larger than 100;	0B001.g.5. 0B001.h.6. 6A005.b.	

	Status: Point in time view as at 03/07/2015 anges to legislation: There are currently no known outstar cil Regulation (EC) No 329/2007 (repealed). (See end of I	nding effects for the
	 b. Semiconductor 'laser' arrays having an output power greater than 20 W. <i>Notes:</i> 1. Semiconductor 'lasers' are commonly called 'laser' diodes. 	
	2. This item does not cover 'laser' diodes with a wavelength in the range $1, 2 \mu m$ $- 2, 0 \mu m$.	
I.A6.006	Tunable semiconductor 'lasers' and tunable semiconductor 'laser' arrays, other than those specified in 0B001.h.6. or 6A005.b., of a wavelength between 9 μ m and 17 μ m, as well as array stacks of semiconductor 'lasers' containing at least one tunable semiconductor 'laser' array of such wavelength. Note: Semiconductor 'lasers' are commonly called 'laser' diodes.	0B001.h.6. 6A005.b.
I.A6.007	Solid state 'tunable' 'lasers', other than those specified in 0B001.g.5., 0B001.h.6. or 6A005.c.1., and specially designed components thereof, as follows: a. Titanium-sapphire lasers, b. Alexandrite lasers.	0B001.g.5. 0B001.h.6. 6A005.c.1.
I.A6.008	Neodymium-doped (other than glass) 'lasers', other than those specified in 6A005.c.2.b., having an output wavelength greater than 1,0 μ m but not exceeding 1,1 μ m and output energy exceeding 10 J per pulse.	6A005.c.2.b.

I.A6.009	Components of acousto- optics, as follows: a. Framing tubes and solid-state imaging devices having a recurrence frequency equal to or exceeding 1 kHz; b. Recurrence frequency supplies; c. Pockels cells.	6A203.b.4.
I.A6.010	Radiation-hardened cameras, or lenses thereof, other than those specified in $6A203.c.$, specially designed, or rated as radiation-hardened, to withstand a total radiation dose greater than 50×10^3 Gy (silicon) (5×10^6 rad (silicon)) without operational degradation. <i>Technical note:</i> <i>The term Gy (silicon) refers</i> <i>to the energy in Joules per</i> <i>kilogram absorbed by an</i> <i>unshielded silicon sample</i> <i>when exposed to ionising</i> <i>radiation.</i>	6A203.c.
I.A6.011	Tunable pulsed dye laser amplifiers and oscillators, other than those specified in 0B001.g.5., 6A005 and or 6A205.c., having all of the following characteristics: a.a.Operating at wavelengths between 300 nm and 800 nm;b.An average output power greater than 10 W but not exceeding 30 W;c.A repetition rate greater than 1 kHz; andd.Pulse width less than 100 ns.Note:This item does not cover single mode oscillators.	0B001.g.5. 6A005 6A205.c.

<i>Status:</i> Point in time view as at 03/07/2015.		
Changes to legislation: There are currently no known outstanding effects for the		
Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)		
	-	

I.A6.012	Pulsed carbon dioxide 'lasers', other than those specified in, 0B001.h.6., $6A005.d.$ or $6A205.d.$, having all of the following characteristics: a.a.Operating at wavelengths between 9 μ m and 11 μ m; b.b.A repetition rate greater than 250 Hz; c.c.An average output power greater than 100 W but not exceeding 500 W; andd.Pulse width less	0B001.h.6. 6A005.d. 6A205.d.
	d. Pulse width less than 200 ns.	
[^{F4} I.A6.013	⁴ I.A6.013 Lasers, other than those specified in 6A005 or 6A205.	
		6A205]

NAVIGATION AND AVIONICS

I.A7.

GOODS

No	Description I to Regulation (EC) No 428/2009
I.A7.001	Inertial navigation systems and specially designed components thereof, as follows:7A003 7A101a.Inertial navigation systems which are certified for use on

> (INS) (gimballed or strapdown) and inertial equipment designed for 'aircraft', land vehicle, vessels (surface or underwater or 'spacecraft' for attitude, guidance or control, having any of the following characteristics, and specially designed components thereof: Navigation a. error (free inertial) subsequent to normal alignment of 0,8 nautical mile per hour (nm/ hr) 'Circular Error Probable' (CEP) or less

<i>Status:</i> Point in time view as at 03/07/2015.		
	Changes to legislation: There are currently no known outstanding effects for the	
	Council Regulation (EC) No 329/2007 (repealed). (See end of Document for details)	

		(better);
	b.	or Specified
		to function
		at
		linear
		acceleration
		levels
		exceeding
2	TT_1	10 g;
2.	Hybrid Inertial	
	Navigat	ion
	Systems	
	embedd	
	with	
	Global	
	Navigat	
	Satellite	
	Systems	(s)
	(GNSS) or with	
	'Data-	
	Based	
	Referen	ced
	Navigat	
	('DBRN	(')
	System(s)
	for	
	attitude,	
	guidance or contre	
	subsequ	
	to norma	
	alignme	
	having	
	an INS	
	navigati	
	position	
	accuracy after	y,
	loss of	
	GNSS o	r
	'DBRN	
	for a	
	period o	
	up to for	
	minutes	,
	of less (better)	
	(better) than 10	
	metres	
		I

3.	'Circular Error Probable (CEP); Inertial Equipme for Azimuth Heading, or North Pointing having any of th following character and specially designed compone thereof: a.	ent e g ristics,
	b.	or Designed to have a non- operating shock level

Status: Point in time view as at 03/07/2015.		
Changes to legislation: There are currently no known outstanding effects for the		
0 0	EC) No 329/2007 (repealed). (See end of D	0 00 0
	of	•
	at	
		ast
		0 g
	at	o g
	a	iration
	of	
	at	
		ast
		msec.
	b. Theodolite systems	
	incorporating	
	inertial equipment	
	specially designed	
	for civil surveying	
	purposes and	
	designed to have an	
	Azimuth, Heading,	
	or North Pointing	
	accuracy equal	
	to, or less (better)	
	than 6 arc minutes	
	RMS at 45 degrees	
	latitude, and	
	specially designed	
	components thereof.	
	c. Inertial or other	
	equipment using	
	accelerometers	
	specified in 7A001	
	or 7A101, where	
	such accelerometers	
	are specially	
	designed and	
	developed as MWD	
	(Measurement	
	While Drilling)	
	sensors for use	
	in down-hole	
	well services	
	operations.v	
	Note:	
	The parameters of a.1.	
	and a.2. are applicable	
	with any of the following	
	environmental conditions:	
	1. Input random	

	of one and a half		
	hours per axis in		
	each of the three		
	perpendicular axes,		
	when the random		
	vibration meets the		
	following:		
	a.	A constant	
		power	
		spectral	
		density	
		~	
		(PSD)	
		value of	
		$0,04 g^2/$	
		Hz over a	
		frequency	
		interval	
		of 15 to 1	
		000 Hz;	
		and	
	b.	The PSD	
	0.	attenuates	
		with a	
		frequency	
		• • •	
		from	
		$0,04 \ g^2/Hz$	
		to 0,01 $g^2/$	
		Hz over a	
		frequency	
		interval	
		from 1	
		000 to 2	
		000 IO 2 000 Hz;	
r	1 noll an		
2.		d yaw rate	
		or greater	
		,62 radian/	
•	s (150 de		
3.	Accordin	0	
		standards	
	1	nt to 1. or	
	2. above.		
Technica	ıl notes:		
,	2 (,	
1.	a.2. refer		
	systems i		
	an INS a		
	independ		
	0	on aids are	
		o a single	
	unit (emi	bedded)	
	in order	to	
	achieve i	improved	
	perform	•	
		I	

> 2. 'Circular Error Probable' (CEP) – In a circular normal distribution, the radius of the circle containing 50 percent of the individual measurements being made, or the radius of the circle within which there is a 50 percent probability of being located.

AEROSPACE AND PROPULSION

I.A9.

GOODS

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
I.A9.001	Explosive bolts.	
I.A9.002	Internal combustion engines (i.e. axial piston or rotary piston type), designed or modified for propelling 'aircrafts' or 'lighter-than- air-vehicles' and specially designed components therefor.	
I.A9.003	Trucks, other than those specified in 9A115, having more than one motorised axle and a payload exceeding 5 tonnes. Note: This item includes flatbed trailers, semi trailers and other trailers.	9A115

B. SOFTWARE

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
I.B.001	Software required for the development, production or	

use of the items in Part A.	
(Goods).	

C. TECHNOLOGY

No	Description	Related item from Annex I to Regulation (EC) No 428/2009
I.C.001	Technology required for the development, production or use of the items in Part A. (Goods).]

[^{F3}ANNEX Ib

GOODS REFERRED TO IN THE THIRD SUBPARAGRAPH OF ARTICLE 2(2)

7601	Unwrought aluminium
7602	Aluminium waste and scrap
7603	Aluminium powders and flakes
7604	Aluminium bars, rods and profiles
7605	Aluminium wire
7606	Aluminium plates, sheets and strip, of a thickness exceeding 0,2 mm
7608	Aluminium tubes and pipes
7609	Aluminium tube or pipe fittings (for example, couplings, elbows, sleeves)
7614	Stranded wire, cables, plaited bands and the like, of aluminium, not electrically insulated]

[^{F6}ANNEX II

Textual Amendments

F6 Substituted by Commission Implementing Regulation (EU) No 137/2013 of 18 February 2013 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

Websites for information on the competent authorities referred to in Articles 5, 7, 8, 10 and 15, and address for notifications to the European Commission BELGIUM

http://www.diplomatie.be/eusanctions BULGARIA

http://www.mfa.bg/en/pages/135/index.html CZECH REPUBLIC

http://www.mfcr.cz/mezinarodnisankce DENMARK

http://um.dk/da/politik-og-diplomati/retsorden/sanktioner/ GERMANY

http://www.bmwi.de/DE/Themen/Aussenwirtschaft/aussenwirtschaftsrecht,did=404888.html ESTONIA

http://www.vm.ee/est/kat_622/ IRELAND

http://www.dfa.ie/home/index.aspx?id=28519 GREECE

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

http://www.maec.es/es/MenuPpal/Asuntos/Sanciones%20Internacionales/Paginas/Sanciones_%20Internacionales.aspx FRANCE

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

http://www.mvep.hr/sankcije] ITALY

http://www.esteri.it/MAE/IT/Politica_Europea/Deroghe.htm CYPRUS

http://www.mfa.gov.cy/sanctions LATVIA

http://www.mfa.gov.lv/en/security/4539 LITHUANIA

http://www.urm.lt/sanctions LUXEMBOURG

http://www.mae.lu/sanctions HUNGARY

http://www.kulugyminiszterium.hu/kum/hu/bal/Kulpolitikank/nemzetkozi_szankciok/MALTA

http://www.doi.gov.mt/EN/bodies/boards/sanctions_monitoring.asp NETHERLANDS

www.rijksoverheid.nl/onderwerpen/internationale-vrede-en-veiligheid/sancties AUSTRIA

http://www.bmeia.gv.at/view.php3?f id=12750&LNG=en&version=

POLAND

http://www.msz.gov.pl PORTUGAL

http://www.min-nestrangeiros.pt ROMANIA

http://www.mae.ro/node/1548 SLOVENIA

http://www.mzz.gov.si/si/zunanja_politika_in_mednarodno_pravo/zunanja_politika/ mednarodna_varnost/omejevalni_ukrepi/ SLOVAKIA

http://www.foreign.gov.sk FINLAND

http://formin.finland.fi/kvyhteistyo/pakotteet SWEDEN

http://www.ud.se/sanktioner UNITED KINGDOM

www.fco.gov.uk/competentauthorities Address for notifications to the European Commission

European Commission

Service for Foreign Policy Instruments (FPI)

EEAS 02/309

B-1049 Brussels

Belgium

E-mail: relex-sanctions@ec.europa.eu]

ANNEX III

Luxury goods referred to in Article 4

- 1. Pure-bred horses
- 2. Caviar and caviar substitutes
- 3. Truffles and preparations thereof
- 4. High quality wines (including sparkling wines), spirits and spirituous beverages
- 5. High quality cigars and cigarillos
- 6. Luxury perfumes, toilet waters and cosmetics, including beauty and make-up products
- 7. High quality leather, saddlery and travel goods, handbags and similar articles
- 8. High quality garments, clothing accessories and shoes (regardless of their material)

- 9. Hand-knotted carpets, handwoven rugs and tapestries
- 10. Pearls, precious and semi-precious stones, articles of pearls, jewellery, gold- or silversmith articles
- 11. Coins and banknotes, not being legal tender
- 12. Cutlery of precious metal or plated or clad with precious metal
- 13. High quality tableware of porcelain, china, stone- or earthenware or fine pottery
- 14. High quality lead crystal glassware
- 15. High end electronic items for domestic use
- 16. High end electrical/electronic or optical apparatus for recording and reproducing sound and images
- 17. Luxury vehicles for the transport of persons on earth, air or sea, as well as their accessories and spare parts
- 18. Luxury clocks and watches and their parts
- 19. High quality musical instruments
- 20. Works of art, collectors' pieces and antiques
- 21. Articles and equipment for skiing, golf, diving and water sports
- 22. Articles and equipment for billiard, automatic bowling, casino games and games operated by coins or banknotes

[^{F1}ANNEX IV

List of persons, entities and bodies referred to in Article 6(1)

- A. Natural persons:
 - (1) **Han** Yu-ro. Post: Director of Korea Ryongaksan General Trading Corporation. Other information: involved in North Korea's ballistic missile programme. Date of designation: 16.7.2009.
 - (2) **Hwang** Sok-hwa. Post: Director of the General Bureau of Atomic Energy (GBAE). Other information: involved in North Korea's nuclear programme as Chief of the Scientific Guidance Bureau in the GBAE, served on the Science Committee in the Joint Institute for Nuclear Research. Date of designation: 16.7.2009.
 - (3) **Ri** Hong-sop. Year of birth: 1940. Post: Former director, Yongbyon Nuclear Research Centre. Other information: oversaw three core facilities that assist in the production of weapons-grade plutonium: the Fuel Fabrication Facility, the Nuclear Reactor, and the Reprocessing Plant. Date of designation: 16.7.2009.
 - (4) [^{F8}Ri Je-son (alias Ri Che-son). Year of birth: 1938. Post: Minister of Atomic Energy Industry since April 2014. Former Director of the General Bureau

of Atomic Energy (GBAE), chief agency directing North Korea's nuclear programme. Other information: facilitates several nuclear endeavours including GBAE's management of Yongbyon Nuclear Research Centre and Namchongang Trading Corporation. Date of designation: 16.7.2009.]

- (5) **Yun** Ho-jin (alias **Yun** Ho-chin). Date of birth: 13.10.1944. Post: Director of Namchongang Trading Corporation. Other information: oversees the import of items needed for the uranium enrichment programme. Date of designation: 16.7.2009.
- (6) [^{F9}Paek Chang-Ho (*alias* (a) Pak Chang-Ho; (b) Paek Ch'ang-Ho). Post: Senior official and head of the satellite control center of Korean Committee for Space Technology. Passport: 381420754 (issued on 7.12.2011, expiring on 7.12.2016). Date of birth: 18.6.1964. Place of birth: Kaesong, DPRK. Date of designation: 22.1.2013.
- (7) [^{F8}Chang Myong-Chin (alias Jang Myong-Jin). Post: General Manager of the Sohae Satellite Launching Station and head of launch centre at which the 13 April and 12 December 2012 launches took place. Date of birth: (a) 19.2.1968; (b) 1965; (c) 1966. Other information: Gender: Male. Date of designation: 22.1.2013.]
- (8) [^{F8}Ra Ky'ong-Su (alias Ra Kyung-Su). Post: Tanchon Commercial Bank (TCB) official. Date of birth: 4.6.1954. Passport no.: 645120196. Other information: Gender: Male. Date of designation: 22.1.2013.]
- (9) [^{F8}Kim Kwang-il. Post: Tanchon Commercial Bank (TCB) official. Date of birth: 1.9.1969. Passport no.: PS381420397. Other information: Gender: Male. Date of designation: 22.1.2013.]]
- (10) [^{F10}Yo'n Cho'ng Nam. Post: Chief Representative for the Korea Mining Development Trading Corporation (KOMID). Date of designation: 7.3.2013.
- (11) **Ko** Ch'o'l-Chae. Post: Deputy Chief Representative for the Korea Mining Development Trading Corporation (KOMID). Date of designation: 7.3.2013.
- (12) **Mun** Cho'ng-Ch'o'l. Post: TCB official. Date of designation: 7.3.2013.]
- B. Legal persons, entities and bodies
 - (1) [^{F8}Korea Mining Development Trading Corporation (aka (a) CHANGGWANG SINYONG CORPORATION; (b) EXTERNAL TECHNOLOGY GENERAL CORPORATION; (c) DPRKN MINING DEVELOPMENT TRADING COOPERATION; (d) 'KOMID'). Address: Central District, Pyongyang, DPRK. Other information: Primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Date of designation: 24.4.2009.]
 - (2) Korea Ryonbong General Corporation (aka (a) KOREA YONBONG GENERAL CORPORATION; (b) LYONGAKSAN GENERAL TRADING CORPORATION). Address: Pot'onggang District, Pyongyang, DPRK; Rakwon-dong, Pothonggang District, Pyongyang, DPRK. Other information: Defence conglomerate specialising in acquisition for DPRK

defence industries and support to that country's military-related sales. Date of designation: 24.4.2009.

- (3) Tanchon Commercial Bank (aka (a) CHANGGWANG CREDIT BANK; (b) KOREA CHANGGWANG CREDIT BANK). Address: Saemul 1-Dong Pyongchon District, Pyongyang, DPRK. Other information: Main DPRK financial entity for sales of conventional arms, ballistic missiles, and goods related to the assembly and manufacture of such weapons. Date of designation: 24.4.2009.
- (4) General Bureau of Atomic Energy (GBAE) (aka General Department of Atomic Energy (GDAE)). Address: Haeudong, Pyongchen District, Pyongyang, DPRK. Other information: The GBAE is responsible for North Korea's nuclear programme, which includes the Yongbyon Nuclear Research Centre and its 5-MWe (25-MWt) plutonium production research reactor, as well as its fuel fabrication and reprocessing facilities. The GBAE has held nuclear-related meetings and discussions with the International Atomic Energy Agency. GBAE is the primary North Korean Government agency for overseeing nuclear programmes, including the operation of the Yongbyon Nuclear Research Centre. Date of designation: 16.7.2009.
- (5) Hong Kong Electronics (aka Hong Kong Electronics Kish Co.). Address: Sanaee St., Kish Island, Iran. Other information: (a) owned or controlled by, or acts or purports to act for or on behalf of Tanchon Commercial Bank and KOMID; (b) Hong Kong Electronics has transferred millions of dollars of proliferation-related funds on behalf of Tanchon Commercial Bank and KOMID (both designated by the UN Sanctions Committee in April 2009) since 2007. Hong Kong Electronics has facilitated the movement of money from Iran to North Korea on behalf of KOMID. Date of designation: 16.7.2009.
- Korea Hyoksin Trading Corporation (aka Korea Hyoksin Export And Import Corporation). Address: Rakwon-dong, Pothonggang District, Pyongyang, DPRK. Other information: (a) located in Pyongyang, DPRK; (b) subordinate to Korea Ryonbong General Corporation (designated by the UN Sanctions Committee in April 2009) and is involved in the development of weapons of mass destruction. Date of designation: 16.7.2009.
- (7) Korean Tangun Trading Corporation. Other information: (a) located in Pyongyang, DPRK; (b) Korea Tangun Trading Corporation is subordinate to the DPRK's Second Academy of Natural Sciences and is primarily responsible for the procurement of commodities and technologies to support North Korea's defence research and development programmes, including, but not limited to, weapons of mass destruction and delivery system programmes and procurement, including materials that are controlled or prohibited under relevant multilateral control regimes. Date of designation: 16.7.2009.
- (8) Namchongang Trading Corporation (aka (a) NCG, (b) Namchongang Trading, (c) Nam Chon Gang Corporation, (d) Nomchongang Trading Co., (e) Nam Chong Gan Trading Corporation). Other information: (a) located in Pyongyang, DPRK; (b) Namchongang is a North Korean trading company subordinate to the GBAE. Namchongang has been involved in the procurement of Japanese-origin vacuum pumps that were identified at a North Korean nuclear facility, as well as nuclear-related procurement

associated with a German individual. It has further been involved in the purchase of aluminium tubes and other equipment specifically suitable for a uranium enrichment programme from the late 1990s. Its representative is a former diplomat who served as North Korea's representative for the IAEA inspection of the Yongbyon nuclear facilities in 2007. Namchongang's proliferation activities are of grave concern given North Korea's past proliferation activities. Date of designation: 16.7.2009

- (9) [^{F8}Amroggang Development Banking Corporation (aka (a) AMROGGANG Development Bank; (b) Amnokkang Development Bank). Address: Tongan-dong, Pyongyang, DPRK. Other information: Amroggang, which was established in 2006, is a Tanchon Commercial Bank-related company managed by Tanchon officials. Tanchon plays a role in financing KOMID's sales of ballistic missiles and has also been involved in ballistic missile transactions from KOMID to Iran's Shahid Hemmat Industrial Group (SHIG). Tanchon Commercial Bank was designated by the Committee in April 2009 and is the main DPRK financial entity for sales of conventional arms, ballistic missiles, and goods related to the assembly and manufacture of such weapons. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. The Security Council designated SHIG in resolution 1737 (2006) as an entity involved in Iran's ballistic missile programme. Date of designation: 2.5.2012.]
- (10)[^{F8}Green Pine Associated Corporation (aka (a) CHO'NGSONG UNITED TRADING COMPANY; (b) CHONGSONG YONHAP; (c) CH'O'NGSONG YO'NHAP; (d) CHOSUN CHAWO'N KAEBAL T'UJA HOESA; (e) JINDALLAE; (f) KU'MHAERYONG COMPANY LTD; (g) NATURAL RESOURCES DEVELOPMENT AND INVESTMENT CORPORATION; (h) SAEINGP'IL COMPANY). Address: (a) c/ o Reconnaissance General Bureau Headquarters, Hyongjesan-Guyok, Pyongyang, North Korea, (b) Nungrado, Pyongyang, DPRK. Other information: Green Pine Associated Corporation ('Green Pine') has taken over many of the activities of the Korea Mining Development Trading Corporation (KOMID). KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Green Pine is also responsible for approximately half of the arms and related materiel exported by the DPRK. Green Pine has been identified for sanctions for exporting arms or related material from North Korea. Green Pine specializes in the production of maritime military craft and armaments, such as submarines, military boats and missile systems, and has exported torpedoes and technical assistance to Iranian defence-related firms. Date of designation: 2.5.2012.]
- (11) [^{F8}Korea Heungjin Trading Company (aka (a) HUNJIN TRADING CO.; (b) KOREA HENJIN TRADING CO.; (c) KOREA HENGJIN TRADING COMPANY). Address: Pyongyang, DPRK. Other information: The Korea Heungjin Trading Company is used by KOMID for trading purposes. Suspected to have been involved in supplying missile-related goods to Iran's Shahid Hemmat Industrial Group (SHIG). Heungjin has been associated with KOMID, and, more specifically, KOMID's procurement

office. Heungjin has been used to procure an advanced digital controller with applications in missile design. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. The Security Council designated SHIG in resolution 1737 (2006) as an entity involved in Iran's ballistic missile programme. Date of designation: 2.5.2012.]

- (12) [^{F8}Korean Committee for Space Technology (aka (a) DPRK Committee for Space Technology; (b) Department of Space Technology of the DPRK;
 (c) Committee for Space Technology; (d) KCST). Address: Pyongyang, DPRK. Other information: The Korean Committee for Space Technology (KCST) orchestrated the DPRK's launches on 13 April 2012 and 12 December 2012 via the satellite control centre and Sohae launch area. Date of designation: 22.1.2013.]
- (13) [^{F8}Bank of East Land (aka (a) Dongbang BANK; (b) TONGBANG U'NHAENG; (c) TONGBANG BANK). Address: P.O. Box 32, BEL Building, Jonseung-Dung, Moranbong District, Pyongyang, DPRK. Other information: DPRK financial institution Bank of East Land facilitates weapons-related transactions for, and other support to, arms manufacturer and exporter Green Pine Associated Corporation (Green Pine). Bank of East Land has actively worked with Green Pine to transfer funds in a manner that circumvents sanctions. In 2007 and 2008, Bank of East Land facilitated transactions involving Green Pine and Iranian financial institutions, including Bank Melli and Bank Sepah. The Security Council designated Bank Sepah in resolution 1747 (2007) for providing support to Iran's ballistic missile program. Green Pine was designated by the Committee in April 2012. Date of designation: 22.1.2013.]
- (14) [^{F8}Korea Kumryong Trading Corporation. Other information: Used as an alias by the Korea Mining Development Trading Corporation (KOMID) to carry out procurement activities. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Date of designation: 22.1.2013.]
- (15) [^{F8}Tosong Technology Trading Corporation. Address: Pyongyang, DPRK. Other information: The Korea Mining Development Corporation (KOMID) is the parent company of Tosong Technology Trading Corporation. KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Date of designation: 22.1.2013.]
- (16) [^{F8}Korea Ryonha Machinery Joint Venture Corporation (aka (a) Chosun Yunha Machinery Joint Operation Company; (b) Korea Ryenha Machinery J/V Corporation; (c) Ryonha Machinery Joint Venture Corporation; (d) Ryonha Machinery Corporation; (e) Ryonha Machinery; (f) Ryonha Machine Tool; (g) Ryonha Machine Tool Corporation; (h) Ryonha Machinery Corp; (i) Ryonhwa Machinery Joint Venture Corporation; (j) Ryonhwa Machinery JV; (k) Huichon Ryonha Machinery General Plant; (l) Unsan; (m) Unsan Solid Tools; and (n) Millim Technology Company). Address: (a) Tongandong, Central District, Pyongyang, DPRK; (b) Mangungdae-gu,

Pyongyang, DPRK; (c) Mangyongdae District, Pyongyang, DPRK. Other information: Email addresses: (a) ryonha@silibank.com; (b) sjc-117@hotmail.com; (c) millim@silibank.com. Telephone numbers: (a) 850-2-18111; (b) 850-2-18111-8642; (c) 850-2-18111-381-8642. Facsimile number: 850-2-381-4410. Korea Ryonbong General Corporation is the parent company of Korea Ryonha Machinery Joint Venture Corporation. Korea Ryonbong General Corporation was designated by the Committee in April 2009 and is a defense conglomerate specializing in acquisition for DPRK defense industries and support to that country's military-related sales. Date of designation: 22.1.2013.]

- (17) [^{F8}Leader (Hong Kong) International (aka (a) Leader International Trading Limited; (b) Leader (Hong Kong) International Trading Limited). Address: LM-873, RM B, 14/F, Wah Hen Commercial Centre, 383 Hennessy Road, Wanchai, Hong Kong, China. Other information: (a) Hong Kong company registration number 1177053; (b) Facilitates shipments on behalf of the Korea Mining Development Trading Corporation (KOMID). KOMID was designated by the Committee in April 2009 and is the DPRK's primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Date of designation: 22.1.2013.]
- (18)[^{F8}Second Academy of Natural Sciences (aka (a) 2nd Academy of Natural Sciences; (b) Che 2 Chayon Kwahakwon; (c) Academy of Natural Sciences; (d) Chayon Kwahak-Won; (e) National Defense Academy; (f) Kukpang Kwahak-Won; (g) Second Academy of Natural Sciences Research Institute; (h) Sansri). Address: Pyongyang, DPRK. Other information: The Second Academy of Natural Sciences is a national-level organization responsible for research and development of the DPRK's advanced weapons systems, including missiles and probably nuclear weapons. The Second Academy of Natural Sciences uses a number of subordinate organizations to obtain technology, equipment, and information from overseas, including Tangun Trading Corporation, for use in the DPRK's missile and probably nuclear weapons programs. Tangun Trading Corporation was designated by the Committee in July 2009 and is primarily responsible for the procurement of commodities and technologies to support DPRK's defense research and development programs, including, but not limited to, weapons of mass destruction and delivery system programs and procurement, including materials that are controlled or prohibited under relevant multilateral control regimes. Date of designation: 7.3.2013.]
- (19) [^{F8}Korea Complex Equipment Import Corporation. Address: Rakwondong, Pothonggang District, Pyongyang, DPRK. Other information: Korea Ryonbong General Corporation is the parent company of Korea Complex Equipment Import Corporation and is a defense conglomerate specializing in acquisition for DPRK defense industries and support to that country's military-related sales. Date of designation: 7.3.2013.]
- (20) [^{F11}Ocean Maritime Management Company, Limited (OMM) (aka OMM). Address: (a) Donghung Dong, Central District, PO Box 120, Pyongyang, DPRK; (b) Dongheung-dong Changgwang Street, Chung-Ku, PO Box 125, Pyongyang, DPRK. Other Information: (a) International Maritime Organization (IMO) Number: 1790183; (b) Ocean Maritime Management Company, Limited is the operator/manager of the vessel Chong Chon Gang. It played a key role in arranging the shipment of concealed

cargo of arms and related material from Cuba to the DPRK in July 2013. As such, Ocean Maritime Management Company, Limited contributed to activities prohibited by the resolutions, namely the arms embargo imposed by resolution 1718 (2006), as modified by resolution 1874 (2009), and contributed to the evasion of the measures imposed by these resolutions. Date of designation: 30.7.2014.]]

Textual Amendments

- **F8** Substituted by Commission Implementing Regulation (EU) No 1059/2014 of 8 October 2014 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- **F9** Inserted by Commission Implementing Regulation (EU) No 137/2013 of 18 February 2013 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- **F10** Inserted by Commission Implementing Regulation (EU) No 370/2013 of 22 April 2013 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- **F11** Inserted by Commission Implementing Regulation (EU) No 1059/2014 of 8 October 2014 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

[^{F12}ANNEX V

Textual Amendments

F12 Substituted by Commission Implementing Regulation (EU) No 1355/2011 of 20 December 2011 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

LIST OF PERSONS, ENTITIES AND BODIES REFERRED TO IN ARTICLE 6(2)

#	Name (and possible aliases)	Identifying information	Reasons
[^{F13}]			
2.	CHON Chi Bu		Member of the General Bureau of Atomic Energy, former technical director of Yongbyon.
3.	CHU Kyu-Chang (alias JU Kyu-Chang)	Date of birth: between 1928 and 1933	First Deputy Director of the Defence Industry Department (ballistics programme), Korean

A.Natural persons referred to in Article 6(2)(a):

A.Natural pers	sons referred to in Article 6(2)(a):	
			Workers' Party, Member of the National Defence Commission.
4.	HYON Chol-hae	Year of birth: 1934 (Manchuria, China)	Deputy Director of the General Political Department of the People's Armed Forces (military adviser to Kim Jong- II).
[^{F14}]	·		·
6.	Lieutenant General KIM Yong Chol (alias: Kim Yong- Chol; Kim Young- Chol; Kim Young- Cheol; Kim Young- Chul)	Year of birth: 1946 (Pyongan-Pukto, North Korea)	Commander of Reconnaissance General Bureau (RGB).
7.	KIM Yong-chun (alias Young-chun)	Date of birth: 4.3.1935 Passport number: 554410660	Deputy Chairman of the National Defence Commission, Minister for the People's Armed Forces, special adviser to Kim Jong- Il on nuclear strategy.
8.	O Kuk-Ryol	Year of birth: 1931 (Jilin Province, China)	Deputy Chairman of the National Defence Commission, supervising the acquisition abroad of advanced technology for nuclear and ballistic programmes.
9.	PAEK Se-bong	Year of birth: 1946	Chairman of the Second Economic Committee (responsible for the ballistics programme) of the Central Committee of the Korean Workers' Party. Member of the National Defence Commission.

A.Natural pers	sons referred to in Article 6(2)(a):	
10.	PAK Jae-gyong (alias Chae-Kyong)	Year of birth: 1933 Passport number: 554410661	Deputy Director of the General Political Department of the People's Armed Forces and Deputy Director of the Logistics Bureau of the People's Armed Forces (military adviser to Kim Jong- II).
11.	PAK To-Chun	Date of birth: 9.3.1944 (Jagang, Rangrim)	Member of the National Security Council. He is in charge of the arms industry and it is reported that he commands the office for nuclear energy. This institution is decisive for DPRK's nuclear and carrier program.
12.	PYON Yong Rip (alias Yong-Nip)	Date of birth: 20.9.1929 Passport number: 645310121 (issued on 13.09.2005)	President of the Academy of Science, involved in WMD- related biological research.
13.	RYOM Yong		Director of the General Bureau of Atomic Energy (entity designated by the United Nations), in charge of international relations.
14.	SO Sang-kuk	Date of birth: between 1932 and 1938	Head of the Department of Nuclear Physics, Kim Il Sung University.

B.Legal persons, entities and bodies referred to in Article 6(2)(a):

	Name (and possible aliases)	Identifying information	Reasons
[^{F15}]			
2.	Hesong Trading Corporation	Location: Pyongyang	Controlled by Korea Mining Development Corporation

B.Legal persons, e	entities and bodies referred t	o in Article 6(2)(a):	
			(KOMID) (entity designated by the United Nations, 24.4.2009); primary arms dealer and main exporter of goods and equipment related to ballistic missiles and conventional weapons. Hesong Trading Corporation is involved in supplies with potential use in ballistic missile program.
[^{F16}]		1	1
[^{F15}]			
5.	Korea International Chemical Joint Venture Company (alias Choson International Chemicals Joint Operation Company; Chosun International Chemicals Joint Operation Company; International Chemical Joint Venture Corporation)	Location: Hamhung, South Hamgyong Province; Man gyongdae-kuyok, Pyongyang; Mangyungdae-gu, Pyongyang	Controlled by Korea Ryonbong General Corporation (entity designated by the United Nations, 24.4.2009); defence conglomerate specialising in acquisition for DPRK defence industries and support to that country's military- related sales.
6.	Korea Kwangsong Trading Corporation	Location: Rakwon- dong, Pothonggang District, Pyongyang	Controlled by Korea Ryonbong General Corporation (entity designated by the United Nations, 24.4.2009); defence conglomerate specialising in acquisition for DPRK defence industries and support to that country's military- related sales.
7.	Korea Pugang mining and Machinery Corporation ltd		Subsidiary of Korea Ryongbong General Corporation (entity designated by the

			United Nations, 24.4.2009); operates facilities for the production of aluminium powder, which can be used in missiles.
[^{F15}] 9.	Korea Taesong Trading Company	Location: Pyongyang	Pyongyang-based entity used by the Korea Mining Development Trading Corporation (KOMID) for trading purposes (KOMID was designated by the United Nations, 24.4.2009). Korea Taesong Trading Company has acted on behalf of KOMID in dealings with Syria.
10.	Munitions Industry Department (alias: Military Supplies Industry Department)	Location: Pyongyang	Responsible for overseeing activities of North Korea's military industries, including the Second Economic Committee (SEC) and KOMID. This includes overseeing the development of North Korea's ballistic missile and nuclear programmes. Until recently, Munitions Industry Department was headed by Jon Pyong Ho; information suggests that former Munitions Industry Department (MID) first vice director Chu Kyu-ch'ang (Ju Gyu-chang) is the current director of the MID, which is

B.Legal persons, entiti	es and bodies referred to	o in Article 6(2)(a):	
			publicly referred to as the Machine Building Industry Department. Chu served as the overall supervisor for North Korea's missile development, including oversight of the April 5, 2009 Taepo Dong-2 (TD-2) missile launch and the failed July 2006 TD-2 launch.
11.	Korean Ryengwang Trading Corporation	Rakwon-dong, Pothonggang District, Pyongyang, North Korea	Subsidiary of Korea Ryongbong General Corporation (entity designated by the United Nations, 24.4.2009).
12.	Reconnaissance General Bureau (RGB) (alias: Chongch'al Ch'ongguk; RGB; KPA Unit 586)	Location: Hyongjesan-Guyok, Pyongyang, North Korea; Nungrado, Pyongyang, North Korea	The Reconnaissance General Bureau (RGB) is North Korea's premiere intelligence organization, created in early 2009 by the merger of existing intelligence organizations from the Korean Workers' Party, the Operations Department and Office 35, and the Reconnaissance Bureau of the Korean People's Army. It falls under direct command of the Ministry of Defence and is primarily in charge of gathering military intelligence. RGB trades in conventional arms and controls the North Korean conventional arms firm Green Pine Associated

		Corporation (Green Pine).
[^{F17} 13.	Second Economic Committee	The Second Economic Committee is involved in key aspects of North Korea's missile program. The Second Economic Committee is responsible for overseeing the production of North Korea's ballistic missiles. It also directs the activities of KOMID (KOMID was designated by the United Nations, 24.4.2009). It is a national- level organization responsible for research and development of North Korea's advanced weapons systems, including missiles and probably nuclear weapons. It uses a number of subordinate organizations to obtain technology, equipment, and information from overseas, including Korea Tangun Trading Corporation, for use in North Korea's missile and probably nuclear weapons programs.]
14.	Sobaeku United Corp. (alias Sobaeksu United Corp.)	State-owned company, involved in research into, and the acquisition, of sensitive products and equipment. It possesses several deposits of natural

B.Legal persons, o	entities and bodies referred to in Article	
		graphite, which provide raw material for two processing facilities, which, inter alia, produce graphite blocks that can be used in missiles.
[^{F15}]	· · · ·	
16.	Yongbyon Nuclear Research Centre	Research centre which has taken part in the production of military-grade plutonium. Centre maintained by the General Bureau of Atomic Energy (entity designated by the United Nations, 16.7.2009).
C.Natural persons	s referred to in Article 6(2)(b):	· · ·

#	Name (and possible aliases)	Identifying information	Reasons
1.	JON II-chun	Date of birth: 24.8.1941	In February of 2010 KIM Tong- un was discharged from his office as director of Office 39, which is, among other things, in charge of purchasing goods out of the DPRK diplomatic representations bypassing sanctions. He was replaced by JON II-chun. JON II- chun is also said to be one of the leading figures in the State Development Bank.
2.	KIM Tong-un		Former director of 'Office 39' of the Central Committee of the Workers' Party, which is involved in proliferation financing.

3.	ons referred to in Article 6(2)(KIM Tong-Myo'ng	Year of birth: 1964	Kim Tong-Myo'ng
5.	(alias: Kim Chin- so'k)	Nationality: North Korean	acts on behalf of Tanchon Commercial Bank (entity designated by the United Nations, 24.4.2009). Kim Dong Myong has held various positions within Tanchon since at least 2002 and is currently Tanchon's president. He has also played a role in managing Amroggang's affairs (owned or controlled by Tanchon Commercial Bank) using the alias Kim Chin-so'k.
[^{F18} 4.	KIM Il-Su	Rahlstedter Strasse 83 a, 22149 Hamburg Date of birth: 2.9.1965 Place of birth: Pyongyang, DPRK	Authorised plenipotentiary representative of the EU-designated KNIC GmbH, acting on behalf of KNIC or at its direction.
5.	KANG Song-Nam	Rahlstedter Strasse 83 a, 22149 Hamburg Date of birth: 5.7.1972 Place of birth: Pyongyang, DPRK	Authorised plenipotentiary representative of the EU-designated KNIC GmbH, acting on behalf of KNIC or at its direction.
6.	CHOE Chun-Sik	Rahlstedter Strasse 83 a, 22149 Hamburg Date of birth: 23.12.1963 Place of birth: Pyongyang, DPRK Passport No 745132109. Valid until 12.2.2020	Authorised plenipotentiary representative of the EU-designated KNIC GmbH, acting on behalf of KNIC or at its direction.
7.	SIN Kyu-Nam	Date of birth: 12.9.1972 Place of birth: Pyongyang, DPRK	Head of department of KNIC Headquarters in Pyongyang and former authorised

		Passport No:	plenipotentiary
		PO472132950	representative of KNIC GmbH Hamburg. Acting on behalf of KNIC or at its direction.
8.	PAK Chun-San	Date of birth: 18.12.1953 Place of birth: Phyongan, DPRK Passport No: PS472220097	Head of Department of KNIC Headquarters in Pyongyang and former authorised plenipotentiary representative of KNIC GmbH Hamburg. Acting on behalf of KNIC or at its direction.
9.	SO Tong Myong	Date of birth: 10.9.1956	Managing Director of KNIC Gmbh Hamburg, acting on behalf of KNIC or at its direction.]

D.Legal persons, entities or bodies referred to in Article 6(2)(b):

#	Name (and possible aliases)	Identifying information	Reasons
[^{F15}			
F15]			
3.	Korea Daesong Bank	Address: Segori-	North Korean
	(alias: Choson	dong, Gyongheung	financial institution
	Taesong Unhaeng;	St., Potonggang	that is directly
	Taesong Bank)	District, Pyongyang	subordinated to
		Phone: 850 2 381	Office 39 and
		8221	is involved in
		Phone: 850 2 18111	facilitating North
		ext 8221	Korea's proliferation

		ext. 8221 Fax: 850 2 381 4576	Korea's proliferation financing projects.
4.	Korea Daesong General Trading Corporation (alias: Daesong Trading; Daesong Trading Company; Korea Daesong Trading Company; Korea Daesong Trading Corporation)	Address: Pulgan Gori Dong 1, Potonggang District, Pyongyang Phone: 850 2 18111 ext. 8204/8208 Phone: 850 2 381 8208/4188 Fax: 850 2 381 4431/4432	Company that is subordinated to Office 39 and is used to facilitate foreign transactions on behalf of Office 39. Office 39's Director of Office, Kim Tong-un is listed in Annex V of Council

D.Legal persons, entities or bodies referred to in Article 6(2)(b):			
			Regulation (EU) No 329/2007.
5.	Korea Kwangson Banking Corp. (KKBC) (alias: Korea Kwangson Banking Corp; KKBC)	Address: Jungson- dong, Sungri Street, Central District, Pyongyang	A subordinate acting on behalf of or at the direction of, owned or controlled by the Korea Ryonbong General Corporation (entity designated by the United Nations, 24.4.2009). Provides financial services in support of both Tanchon Commercial Bank (entity designated by the United Nations, 24.4.2009) and Korea Hyoksin Trading Corporation (entity designated by the United Nations, 16.7.2009); Since 2008, Tanchon Commercial Bank has been utilizing KKBC to facilitate funds transfers likely amounting to millions of dollars, including transfers involving Korea Mining Development Trading Corporation (KOMID) (entity designated by the United Nations, 24.4.2009) related funds from Burma to China in 2009. Additionally, Hyoksin, which the UN described as being involved in the development of weapons of mass destruction, sought to use KKBC in connection with a purchase of dual-use equipment in 2008.

D.Legal persons, entities or bodies referred to in Article 6(2)(b):			
			KKBC has at least one overseas branch in Dandong, China.
6.	Office 39 of The Korean Workers' Party (alias: Office #39; Office No. 39; Bureau 39; Central Committee; Third Floor Division 39.)	Address: Second KWP Government Building (Korean: Ch'o'ngsa), Chungso'ng, Urban Tower (Korean'Dong), Chung Ward, Pyongyang; Chung- Guyok (Central District), Sosong Street, Kyongrim- Dong, Pyongyang; Changgwang Street, Pyongyang.	Office 39 of the Korean Workers' Party engages in illicit economic activity to support the North Korean government. It has branches throughout the nation that raise and manage funds and is responsible for earning foreign currency for North Korea's Korean Workers' Party senior leadership through illicit activities such as narcotics trafficking. Office 39 controls a number of entities inside North Korea and abroad through which it conducts numerous illicit activities including the production, smuggling, and distribution of narcotics. Office 39 has also been involved in the attempted procurement and transfer to North Korea of luxury goods. Office 39 figures among the most important organisations assigned with currency and merchandise acquisition. The entity is said to be directly under the command of KIM

Jong-il; it controls
several trading
companies some
of which are active
in illicit activites,
among them Daes
General Bureau,
part of Daesong
group, the largest
company group of
the country. Office
39 according to so
sources entertains
representation offi
in Rome, Beijing,
Bangkok, Singapo
Hongkong and Du
To the outside Off
39 changes name a
appearance regular
The director of Of
39, JON Il-chun is
already listed on the
EU sanction list.
Office 39 produce
methamphetamine
in Sangwon, South
Pyongan Province
and was also invol
in the distribution
methamphetamine
to small-scale Nor
Korean smugglers
distribution throug
China and South
Korea. Office 39 a
operates poppy far
in North Hamkyo'
Province and Nort
Pyongan Province
and produces
opium and heroin
in Hamhu'ng and
Nachin.
In 2009, Office 39
was involved in th
failed attempt to
purchase and expo
to North Korea –
through China – ty
Italian-made luxur

D.Legal persons, entiti	es or bodies referred to	in Article 6(2)(b):	
			yachts worth more than \$15 million. Halted by Italian authorities, the attempted export of the yachts destined for Kim Jong-il was in violation of United Nations sanctions against North Korea under UNSCR 1718, which specifically requireMember States to prevent the supply, sale, or transfer of luxury goods to North Korea. Office 39 previously used Banco Delta Asia to launder illicit proceeds. Banco Delta Asia was identified by the Treasury Department in September 2005 as a 'primary money laundering concern' under Section 311 of the USA PATRIOT Act, because it represented an unacceptable risk of money laundering and other financial crimes.
[^{F18} 7.	Korea National Insurance Company (KNIC) GmbH (alias Korea Foreign Insurance Company)	Rahlstedter Strasse 83 a, 22149 Hamburg	KNIC GmbH, as a subsidiary controlled by KNIC headquarters in Pyongyang (address Haebangsan-dong, Central District, Pyongyang, DPRK), a government entity, is generating substantial foreign exchange revenue which is used to support the regime in North Korea. Those resources

D.Legal persons, entities or bodi	es referred to in Article 6(2)(b):
	could contribute to the DPRK's nuclear- related, ballistic missile-related or other weapons of mass destruction- related programmes. Furthermore, the KNIC headquarters Pyongyang is linked to Office 39 of the Korean Worker's Party, a designated entity.]]

Textual Amendments

- **F13** Deleted by Commission Implementing Regulation (EU) No 386/2014 of 14 April 2014 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- **F14** Deleted by Commission Implementing Regulation (EU) No 1059/2014 of 8 October 2014 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- F15 Deleted by Commission Implementing Regulation (EU) No 137/2013 of 18 February 2013 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- F16 Deleted by Commission Implementing Regulation (EU) No 370/2013 of 22 April 2013 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- F17 Substituted by Commission Implementing Regulation (EU) No 370/2013 of 22 April 2013 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.
- **F18** Inserted by Commission Implementing Regulation (EU) 2015/1062 of 2 July 2015 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

[^{F4}ANNEX Va

LIST OF PERSONS, ENTITIES OR BODIES REFERRED TO IN ARTICLE 6(2a)]

[^{F19}ANNEX VI

LIST OF CREDIT AND FINANCIAL INSTITUTIONS, BRANCHES AND SUBSIDIARIES REFERRED TO IN ARTICLE 11A]

Textual Amendments

F19 Inserted by Council Regulation (EU) No 1283/2009 of 22 December 2009 amending Council Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

[^{F3}ANNEX VII

LIST OF GOLD, PRECIOUS METALS AND DIAMONDS REFERRED TO IN ARTICLE 4A

HS Code	Description
7102	Diamonds, whether or not worked, but not mounted or set
7106	Silver (including silver plated with gold or platinum), unwrought or in semi- manufactured forms, or in powder form
7108	Gold (including gold plated with platinum), unwrought or in semi-manufactured forms, or in powder form
7109	Base metals or silver, clad with gold, not further worked than semi-manufactured
7110	Platinum, unwrought or in semi- manufactured forms, or in powder form
7111	Base metals, silver or gold, clad with platinum, not further worked than semi- manufactured
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]

[^{F2}Council Regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items(OJ L 134, 29.5.2009, p. 1).]

Textual Amendments

F2 Substituted by Council Regulation (EU) No 567/2010 of 29 June 2010 amending Regulation (EC) No 329/2007 concerning restrictive measures against the Democratic People's Republic of Korea.

Status:

Point in time view as at 03/07/2015.

Changes to legislation:

There are currently no known outstanding effects for the Council Regulation (EC) No 329/2007 (repealed).