

**L.N. 6 of 2025**

**Import and Export (Strategic Commodities) Regulations  
(Amendment of Schedule 1) Order 2025**

(Made by the Director-General of Trade and Industry under section  
6B of the Import and Export Ordinance (Cap. 60))

**1. Commencement**

Subject to section 6B of the Ordinance, this Order comes into operation on a day to be appointed by the Director-General of Trade and Industry by notice published in the Gazette.

**2. Import and Export (Strategic Commodities) Regulations amended**

The Import and Export (Strategic Commodities) Regulations (Cap. 60 sub. leg. G) are amended as set out in section 3.

**3. Schedule 1 amended (strategic commodities)**

(1) Schedule 1, Munitions List, ML4(a), after “cartridges”—

**Add**

“, submunitions”.

(2) Schedule 1, Munitions List, ML4(a), after the Note—

**Add**

“*N.B.*:

For grenade or canister ammunition for weapons or projectors specified in ML1 or ML2 and submunitions specially designed for ammunition, see ML3.”.

(3) Schedule 1, Munitions List, ML4(b), Note 1(a)—

**Repeal**

“capable of producing 1 000 kg or more per day of gas in liquid form”.

- (4) Schedule 1, Munitions List, ML8, before the Technical Notes before ML8(a)—

**Add**

*“Note:*

Any substance listed in the ML8 sub-items is subject to this list, even when utilized in an application other than that indicated (e.g. TAGN is predominantly used as an explosive but can also be used either as a fuel or an oxidizer.)”.

- (5) Schedule 1, Munitions List, ML8—

**Repeal the Technical Notes before ML8(a)**

**Substitute**

*“Technical Notes:*

1. For the purposes of ML8, excluding ML8(c)(11) or ML8(c)(12), ‘mixture’ refers to a composition of two or more substances with at least one substance being listed in the ML8 sub-items.
  2. For the purposes of ML8, particle size is the mean particle diameter on a weight or volume basis. International or equivalent national standards are to be used in sampling and determining particle size.”.
- (6) Schedule 1, Munitions List, ML8(d)(3), after Note 2—

**Add**

- “3. ML8(d)(3) does not apply to iodine pentafluoride (CAS 7783-66-6).”.

- (7) Schedule 1, Munitions List, at the end of ML9(a)(2)(c)—

**Add**

*“Technical Note:*

For the purposes of ML9(a)(2)(c)(2), ‘pre-wet or wash down system’ is a seawater spray system capable of simultaneously wetting the exterior superstructure and decks of a vessel.”.

- (8) Schedule 1, Munitions List—

**Repeal the Technical Notes after ML9(a)(2)(d)**

**Substitute**

*“Technical Note:*

For the purposes of ML9(a)(2)(c)(1) and ML9(a)(2)(d)(1), ‘CBRN protection’ is a self-contained interior space containing features such as over-pressurization, isolation of ventilation systems, limited ventilation openings with CBRN filters and limited personnel access points incorporating air-locks.”.

- (9) Schedule 1, Munitions List, ML9(b)(4), before the Technical Note—

**Add**

*“Note:*

ML9(b)(4) does not apply to nuclear power.”.

- (10) Schedule 1, English text, Munitions List, ML9(b)(4), Technical Note—

**Repeal**

“(AIP)”

**Substitute**

“(‘AIP’)”.

- (11) Schedule 1, Munitions List, ML9(b)(4), Technical Note—

**Repeal**

“For the purposes of ML9(b)(4), AIP does not include nuclear power.”.

- (12) Schedule 1, Munitions List, ML9(b)(4), after the Technical Note—

**Add**

“*N.B.*:

See ML9(h) for nuclear power propulsion equipment.”.

- (13) Schedule 1, English text, Munitions List, ML9(f)—

**Repeal**

“*Note:*”

**Substitute**

“*Notes:*”.

- (14) Schedule 1, Munitions List, ML9(f)—

**Renumber the Note as Note 1.**

- (15) Schedule 1, Munitions List, ML9(f), Note 1—

**Repeal**

“ML9(f) does not include ordinary propulsive shaft and hydrodynamic control-rod hull penetrators.”.

- (16) Schedule 1, Munitions List, ML9(f), after Note 1—

**Add**

“2. ML9(f) does not include ordinary propulsive shaft and hydrodynamic control-rod hull penetrators.”.

- (17) Schedule 1, English text, Munitions List, ML10(f)—

**Repeal**

“*Note:*”

**Substitute**

Section 3

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“Notes:”.

- (18) Schedule 1, Munitions List, ML10(f)—

**ReNUMBER the Note as Note 1.**

- (19) Schedule 1, Munitions List, ML10(f), after Note 1—

**Add**

“2. ML10(f) does not apply to:

1. Towbars;
2. Protective mats and covers;
3. Ladders, steps and platforms;
4. Chocks, lashings and tie-down equipment.”.

- (20) Schedule 1, Munitions List, ML10(g), Note—

**Repeal**

“control”

**Substitute**

“apply to”.

- (21) Schedule 1, English text, Munitions List, ML11(a), Note 3—

**Repeal**

“electro-magnetic”

**Substitute**

“electromagnetic”.

- (22) Schedule 1, Munitions List, ML11(a), Note 5—

**Repeal**

“ciphering processes”

**Substitute**

“cryptographic functionality”.

- (23) Schedule 1, Munitions List, ML11(b)—

**Repeal**

““Satellite navigation system” jamming equipment”

**Substitute**

“Jamming equipment designed or modified to hinder the reception, operation or effectiveness of positioning, navigation or timing services provided by “satellite navigation systems”.”.

- (24) Schedule 1, Munitions List, ML13, after Note 4—

**Add**

“5. ML13(d)(1) does not apply to protective eyewear.

*N.B.:*

For “laser” protective eyewear, see ML17(o).”.

- (25) Schedule 1, Munitions List, ML14—

**Repeal the Technical Note.**

- (26) Schedule 1, Munitions List, ML14, Note 2—

**Repeal**

“control”

**Substitute**

“apply to”.

- (27) Schedule 1, Munitions List, ML14, after Note 2—

**Add**

“3. ‘Specialized equipment for military training’ includes military types of attack trainers, operational flight trainers, radar target trainers, radar target generators, gunnery training devices, anti-submarine warfare trainers, flight simulators (including human-rated centrifuges for pilot/astronaut training), radar

trainers, instrument flight trainers, navigation trainers, missile launch trainers, target equipment, drone “aircraft”, armament trainers, pilotless “aircraft” trainers, mobile training units and training equipment for ground military operations.”.

- (28) Schedule 1, Munitions List, ML15, Nota Bene—

**Repeal**

“6A002(a)(2) and 6A002(b)”

**Substitute**

“6A002(a), 6A002(b) and 6A003(b)”.

- (29) Schedule 1, Munitions List, ML17(e)(3)—

**Repeal**

“electro-magnetic pulse (EMP)”

**Substitute**

“‘Electromagnetic Pulse’ (‘EMP’)”.

- (30) Schedule 1, Munitions List, ML17(e)(3), Technical Note—

**Repeal**

“Electro-magnetic pulse”

**Substitute**

“For the purposes of ML17(e)(3), ‘EMP’”.

- (31) Schedule 1, Chinese text, Munitions List, ML17(o)—

**Repeal**

““激光””

**Substitute**

““雷射””.

- (32) Schedule 1, Munitions List, ML18(a)—

**Repeal**

“Specially designed or modified ‘production’ equipment for the ‘production’ of products controlled by”

**Substitute**

“Equipment specially designed or modified for the ‘production’ of items specified in”.

- (33) Schedule 1, Munitions List, ML18(a)—

**Repeal**

“therefor”

**Substitute**

“for ‘production’ equipment”.

- (34) Schedule 1, Munitions List—

**Repeal ML18(b)**

**Substitute**

“(b) Environmental test facilities specially designed for the certification, qualification, or testing of items specified in the Munitions List, and specially designed equipment for environmental test facilities, not specified elsewhere;”.

- (35) Schedule 1, Dual-use Goods List, Category 1, 1A003, Note—

**Repeal**

“production”

**Substitute**

““production””.

- (36) Schedule 1, Dual-use Goods List, Category 1, 1B001—

**Repeal**



“for the production or inspection of “composite” structures or laminates specified by 1A002 or “fibrous or filamentary materials” specified by 1C010”

**Substitute**

“designed for the “production” of “composite” structures or laminates or “fibrous or filamentary materials””.

- (37) Schedule 1, Dual-use Goods List, Category 1, 1B001(d)—

**Repeal**

“adapted for the production of reinforcement fibres”

**Substitute**

“modified for the “production” of “fibrous or filamentary materials” specified in 1C010”.

- (38) Schedule 1, Dual-use Goods List, Category 1—

**Repeal 1B001(e)**

**Substitute**

- “(e) Equipment specially designed or modified for the “production” of prepregs by the ‘hot melt method’;

*Technical Note:*

For the purposes of 1B001(e), the ‘hot melt method’ is the process of applying pressure and heat to impregnate “fibrous or filamentary materials” with resin that has been pre-laminated onto a carrier substrate, such as film or paper.”.

- (39) Schedule 1, Dual-use Goods List, Category 1, 1B001, Technical Note 1—

**Repeal**

“program”

**Substitute**

““program””.

- (40) Schedule 1, Dual-use Goods List, Category 1—

**Repeal the Technical Notes before 1C002(a)**

**Substitute**

*“Technical Note:*

The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.”.

- (41) Schedule 1, Dual-use Goods List, Category 1, at the end of 1C002(b)—

**Add**

*“Technical Notes:*

1. ‘Stress-rupture life’ should be measured in accordance with ASTM standard E-139 or national equivalents.
2. ‘Low cycle fatigue life’ should be measured in accordance with ASTM Standard E-606 ‘Recommended Practice for Constant-Amplitude Low-Cycle Fatigue Testing’ or national equivalents. Testing should be axial with an average stress ratio equal to 1 and a stress-concentration factor ( $K_t$ ) equal to 1. The average stress ratio is defined as maximum stress minus minimum stress divided by maximum stress.”.

- (42) Schedule 1, Chinese text, Dual-use Goods List, Category 1, 1C010—

**Repeal**

“以下的“纖維及絲狀物料”：”

**Substitute**

“以下的“纖維或絲狀物料”：”.

- (43) Schedule 1, Dual-use Goods List, Category 1, after 1C011(d)—

**Add**

“(e) Iodine pentafluoride (CAS 7783-66-6).”.

- (44) Schedule 1, Dual-use Goods List, Category 1, after 1C350(89)—

**Add**

“(90) Dipropylamine (CAS 142-84-7);”.

- (45) Schedule 1, Dual-use Goods List, Category 1, 1C350, Note 1—

**Repeal**

“and (89)”

**Substitute**

“, (89) and (90)”.

- (46) Schedule 1, Dual-use Goods List, Category 1—

**Repeal 1C351(d)(13).**

- (47) Schedule 1, Dual-use Goods List, Category 1, after 1C351(d)(19)—

**Add**

“(20) Brevetoxins;

(21) Gonyautoxins;

(22) Nodularins;

(23) Palytoxin;

(24) Neosaxitoxin (NEO);”.

- (48) Schedule 1, Dual-use Goods List, Category 1, 1C353(a)(1)—

**Repeal**

“or genes”

**Substitute**

“, genes, translated product or translated products,”.

- (49) Schedule 1, Dual-use Goods List, Category 1—

**Repeal 1C354(b)(2)**

**Substitute**

“(2) *Xanthomonas citri* pv. *citri* (~~*Xanthomonas axonopodis* pv. *citri*, *Xanthomonas campestris* pv. *citri*~~);”.

- (50) Schedule 1, Dual-use Goods List, Category 1, 1C354(b)(4), before “*Corynebacterium michiganensis*”—

**Add**

“*Clavibacter sepedonicus*, *Clavibacter michiganense* subsp. *sepedonicus*,”.

- (51) Schedule 1, Dual-use Goods List, Category 1—

**Repeal 1C354(c)(2) and (3)**

**Substitute**

“(2) *Bipolaris oryzae* (~~*Cochliobolus miyabeanus*, *Helminthosporium oryzae*~~);

(3) *Pseudocercospora ulei* (~~*Microcyclus ulei*, *Dothidella ulei*~~);”.

- (52) Schedule 1, Dual-use Goods List, Category 1, 1E201—

**Repeal**

“1B234”

**Substitute**

“1B235”.

- (53) Schedule 1, Dual-use Goods List, Category 2, 2B006(b)(1)—

**Repeal**

“resolution”

**Substitute**

“‘resolution’”.

- (54) Schedule 1, Dual-use Goods List, Category 2, 2B006(b)(3)(b)—

**Repeal**

“resolution”

**Substitute**

“‘resolution’”.

- (55) Schedule 1, Dual-use Goods List, Category 2, at the end of 2B006(b)—

**Add**

*“Technical Note:*

For the purpose of 2B006(b), ‘resolution’ is the least increment of a measuring device; on digital instruments, the least significant bit.”.

- (56) Schedule 1, Dual-use Goods List, Category 2, 2B206(c)(2)—

**Repeal**

“at a temperature”

**Substitute**

“over a temperature range”.

- (57) Schedule 1, Dual-use Goods List, Category 2, 2B206(c)(2)(a)—

**Repeal**

“resolution”

**Substitute**

“‘resolution’”.

Section 3

---

- (58) Schedule 1, Dual-use Goods List, Category 2, at the end of 2B206(c)(2)(a)—

**Add**

*“Technical Note:*

For the purpose of 2B206(c)(2)(a), ‘resolution’ is the least increment of a measuring device; on digital instruments, the least significant bit.”.

- (59) Schedule 1, Dual-use Goods List, Category 2, 2B209(b)—

**Repeal**

“400”

**Substitute**

“650”.

- (60) Schedule 1, Dual-use Goods List, Category 2, 2B228(c), Technical Note 1—

**Repeal**

“400”

**Substitute**

“650”.

- (61) Schedule 1, Dual-use Goods List, Category 2, 2B351(a)—

**Repeal**

“at concentrations”

**Substitute**

“with a ‘minimum detection limit’”.

- (62) Schedule 1, Dual-use Goods List, Category 2, at the end of 2B351—

**Add**

*“Technical Note:*

The ‘minimum detection limit’ of toxic gas monitors or monitoring systems is the lowest detectable concentration of the analyte required to produce a signal greater than three times the standard deviation of the toxic gas monitor’s or monitoring system’s signal when measuring a blank sample.

In the case of toxic gas monitors or monitoring systems having a deadband or programmed zero suppression, the ‘minimum detection limit’ is the lowest detectable concentration required to produce a reading.”.

- (63) Schedule 1, Dual-use Goods List, Category 2, 2B352(d)(1)—

**Repeal**

““toxins””

**Substitute**

“toxins”.

- (64) Schedule 1, Dual-use Goods List, Category 2, 2B352(d)(1)(b), Technical Note—

**Repeal**

everything after “‘Disinfected’ denotes”

**Substitute**

“a process to reduce the number of microorganisms but not usually of bacterial spores, through the use of chemical agents, without necessarily killing or removing all organisms.”.

- (65) Schedule 1, Dual-use Goods List, Category 2, 2B352(f)(2)—

**Repeal Note 2**

**Substitute**

“2. 2B352(f)(2) includes any isolator meeting all the characteristics mentioned in 2B352(f)(2)(a) to (d), regardless of its intended use and its designation, except for medical isolators specially designed for barrier nursing or transportation of infected patients.”.

- (66) Schedule 1, Dual-use Goods List, Category 2, 2B352(f)(2)—

**Repeal Note 3.**

- (67) Schedule 1, Dual-use Goods List, Category 2, after 2D351—

**Add**

“2D352 “Software” specially designed for nucleic acid assemblers and synthesisers specified in 2B352(i), that is capable of designing and building functional genetic elements from digital sequence data;”.

- (68) Schedule 1, Chinese text, Dual-use Goods List, Category 3, 3A, Note 3—

**Repeal**

“晶圖”

**Substitute**

“晶圓”.

- (69) Schedule 1, Dual-use Goods List, Category 3, 3A001(b)(7)(a)—

**Repeal**

“90”

**Substitute**



“110”.

- (70) Schedule 1, Dual-use Goods List, Category 3,  
3A001(b)(7)(b)(1)—

**Repeal**

“90”

**Substitute**

“110”.

- (71) Schedule 1, Dual-use Goods List, Category 3,  
3A001(b)(7)(b)(2)—

**Repeal**

“90”

**Substitute**

“110”.

- (72) Schedule 1, Dual-use Goods List, Category 3,  
3A001(b)(7)(c)(2)—

**Repeal**

“31.62”

**Substitute**

“100”.

- (73) Schedule 1, Dual-use Goods List, Category 3,  
3A001(b)(7)(c)(2)—

**Repeal**

“15”

**Substitute**

“20”.

- (74) Schedule 1, Dual-use Goods List, Category 3,  
3A001(b)(7)(c)(2)—

Section 3

---

**Repeal**

“90”

**Substitute**

“110”.

- (75) Schedule 1, Dual-use Goods List, Category 3—

**Repeal 3A001(b)(7)(c)(3).**

- (76) Schedule 1, Dual-use Goods List, Category 3, 3A001(b)(9),  
Technical Note 1—

**Repeal**

“The ‘turn-on time’ in 3A001(b)(9)(a)”

**Substitute**

“For the purposes of 3A001(b)(9)(a), the ‘turn-on time’”.

- (77) Schedule 1, Dual-use Goods List, Category 3, 3A001(b)(9),  
Technical Note 2—

**Repeal**

“To calculate the volume in 3A001(b)(9)(b), the following  
example is provided”

**Substitute**

“For the purposes of 3A001(b)(9)(b), the following  
example is provided to calculate the volume”.

- (78) Schedule 1, Dual-use Goods List, Category 3,  
3A002(c)(2)—

**Repeal**

“150”

**Substitute**

“160”.

- (79) Schedule 1, Dual-use Goods List, Category 3,  
3A002(c)(2)—

**Repeal**

“90”

**Substitute**

“110”.

- (80) Schedule 1, Dual-use Goods List, Category 3,  
3A002(c)(3)—

**Repeal**

“90”

**Substitute**

“110”.

- (81) Schedule 1, Dual-use Goods List, Category 3,  
3A002(c)(4)(a)—

**Repeal**

“170”

**Substitute**

“520”.

- (82) Schedule 1, Dual-use Goods List, Category 3,  
3A002(c)(4)(b)(1)—

**Repeal**

“15”

**Substitute**

“8”.

- (83) Schedule 1, Dual-use Goods List, Category 3,  
3A002(c)(4)(b)(2)—

**Repeal**

“15”

**Substitute**

“8”.

- (84) Schedule 1, Dual-use Goods List, Category 3, at the end of 3A002(d)(1)—

**Add**

“*Technical Note:*

For the purposes of 3A002(d)(1)(a), ‘pulse duration’ is defined as the time interval from the point on the leading edge that is 50% of the pulse amplitude to the point on the trailing edge that is 50% of the pulse amplitude.”.

- (85) Schedule 1, Dual-use Goods List, Category 3, 3A002(d)(2)—

**Repeal**

“90”

**Substitute**

“110”.

- (86) Schedule 1, Dual-use Goods List, Category 3, 3A002(d)(3)(g)—

**Repeal**

“90”

**Substitute**

“110”.

- (87) Schedule 1, Dual-use Goods List, Category 3, 3A002(d)(4)(a)—

**Repeal**

“90”

**Substitute**

“110”.

Section 3

---

- (88) Schedule 1, Dual-use Goods List, Category 3, 3A002(d)(4)(b)—

**Repeal**

“90”

**Substitute**

“110”.

- (89) Schedule 1, Dual-use Goods List, Category 3, 3A002(d)(5)(d)—

**Repeal**

“90”

**Substitute**

“110”.

- (90) Schedule 1, Dual-use Goods List, Category 3, 3A002(d)(6)—

**Repeal**

“90”

**Substitute**

“110”.

- (91) Schedule 1, Dual-use Goods List, Category 3, 3A002(d), Note 1—

**Repeal**

“For the purpose of 3A002(d), signal generators include”

**Substitute**

“3A002(d) includes”.

- (92) Schedule 1, Dual-use Goods List, Category 3—

**Repeal the Technical Notes before 3A002(e)**

**Substitute**

Section 3

---

*“Technical Note:*

For the purposes of 3A002(d), the maximum output frequency of an arbitrary waveform or function generator is calculated by dividing the sample rate, in samples/second, by a factor of 2.5.”.

- (93) Schedule 1, Dual-use Goods List, Category 3, 3A002(e)(1)—

**Repeal**

“31.62 mW (15 dBm)”

**Substitute**

“100 mW (20 dBm)”.

- (94) Schedule 1, Dual-use Goods List, Category 3, 3A002(e)(1)—

**Repeal**

“90”

**Substitute**

“110”.

- (95) Schedule 1, Dual-use Goods List, Category 3—

**Repeal 3A002(e)(2).**

- (96) Schedule 1, Dual-use Goods List, Category 3—

**Repeal 3B001(a)(2)(g)**

**Substitute**

“(g) oxygen;  
(h) nitrogen;”.

- (97) Schedule 1, Dual-use Goods List, Category 3, 3B001(e), Technical Note 1—

**Repeal**

“3B001(e)”

Section 3

---

**Substitute**

“3B001(e)(1)”.

- (98) Schedule 1, Dual-use Goods List, Category 3, 3B001(e),  
Technical Note 1—

**Repeal**

“production”

**Substitute**

““production””.

- (99) Schedule 1, Dual-use Goods List, Category 3, 3B001(e),  
Technical Note 2—

**Repeal**

“3B001(e)”

**Substitute**

“3B001(e)(2)”.

- (100) Schedule 1, Dual-use Goods List, Category 3, 3C003(a)—

**Repeal**

“better”

**Substitute**

“greater (better)”.

- (101) Schedule 1, Dual-use Goods List, Category 3, 3C003(b)—

**Repeal**

“better”

**Substitute**

“greater (better)”.

- (102) Schedule 1, Dual-use Goods List, Category 3, 3C004—

**Repeal**

“better”

Section 3

---

**Substitute**

“greater (better)”.

- (103) Schedule 1, Dual-use Goods List, Category 4,  
4D001(b)(1)—

**Repeal**

“15”

**Substitute**

“24”.

- (104) Schedule 1, Dual-use Goods List, Category 4,  
4E001(b)(1)—

**Repeal**

“15”

**Substitute**

“24”.

- (105) Schedule 1, Dual-use Goods List, Category 5, Part 1,  
5A001(b)(2)(b)—

**Repeal**

“better”

**Substitute**

“less (better)”.

- (106) Schedule 1, Dual-use Goods List, Category 5, Part 1,  
5D001(e)—

**Repeal**

“by law enforcement”

**Substitute**

“for law enforcement purposes”.



Section 3

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- (107) Schedule 1, Dual-use Goods List, Category 5, Part 1, 5D001(e)(2), after “movement”—

**Add**

“or location”.

- (108) Schedule 1, Dual-use Goods List, Category 5, Part 1, 5D001(e)(2)—

**Repeal the Technical Notes and the Note.**

- (109) Schedule 1, Dual-use Goods List, Category 5, Part 1, at the end of 5D001(e)—

**Add**

“*Technical Notes:*

1. For the purposes of 5D001(e), a ‘handover interface’ is a physical and logical interface, designed for use by an authorized law enforcement authority, across which targeted interception measures are requested from a communications service provider and the results of interception are delivered from a communications service provider to the requesting authority. The ‘handover interface’ is implemented within systems or equipment (e.g. mediation devices) that receive and validate the interception request, and deliver to the requesting authority only the results of interception that fulfil the validated request.
2. ‘Handover interfaces’ may be specified by international standards (including but not limited to ETSI TS 101 331, ETSI TS 101 671 or 3GPP TS 33.108) or national equivalents.

*Note:*

5D001(e) does not control “software” specially designed or modified for any of the following:

Section 3

---

- (a) Billing purposes;
  - (b) Network Quality of Service (QoS);
  - (c) Quality of Experience (QoE);
  - (d) Mediation devices;
  - (e) Mobile payment or banking use.”.
- (110) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a)—

**Repeal**

“, where that cryptographic capability is usable, has been activated, or can be activated by any means other than secure “cryptographic activation”,”.

- (111) Schedule 1, Dual-use Goods List, Category 5, Part 2, Technical Note 1 after 5A002(a)(4)—

**Repeal**

“and performs any cryptographic function”

**Substitute**

“for a cryptographic function or capability that is usable or can be made usable,”.

- (112) Schedule 1, Dual-use Goods List, Category 5, Part 2, Technical Note 1 after 5A002(a)(4)—

**Repeal paragraph (g)**

**Substitute**

- “(g) Wireless “personal area network” functionality implementing only published or commercial cryptographic standards;
- (h) Cryptographic operations specially designed for and limited to banking use or money transactions, including the collection and settlement of fares or credit functions;

Section 3

---

- (i) Key management in support of and limited to functions and capabilities described in paragraphs (a) to (h) of this Note;
- (j) Cryptographic functions or capabilities that have not been activated or enabled, and can only be activated or enabled by means of secure “cryptographic activation”.

*N.B.:*

For ‘cryptographic activation token’ items, see 5A002(b), 5D002(b) and 5E002(b).”.

- (113) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 1(b)—

**Repeal**

“cryptographic capability for data confidentiality specified in 5A002(a) is usable without”

**Substitute**

“‘cryptography for data confidentiality’ having a ‘described security algorithm’ is usable without secure”.

- (114) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(a)(1)(a)—

**Repeal**

“cryptographic capability”

**Substitute**

“‘cryptography for data confidentiality’ having a ‘described security algorithm’”.

- (115) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a)—

**Repeal Note 2(a)(1)(a)(1)**

**Substitute**

“(1) It is restricted for use in equipment or systems to which 5A002(a) does not apply for reasons other than the Cryptography Note (Note 3 in Category 5—Part 2);”.

- (116) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(a)(1)(b)(3)—

**Repeal**

“cryptographic capability”

**Substitute**

“‘cryptography for data confidentiality’ having a ‘described security algorithm’”.

- (117) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(a)(2)—

**Repeal**

“specially designed or modified, and limited, for items specified in paragraph (a)(1) of this Note”.

- (118) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(b)—

**Repeal**

“Cryptographic equipment specially designed and limited for banking use or ‘money transactions’;”.

- (119) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(b)—

**Repeal the Technical Note**

**Substitute**

“*N.B.*:

See paragraph (h) of Technical Note 1 to 5A002(a) for items previously described in this Note 2(b).”.

Section 3

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- (120) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2—

**Repeal paragraph (c)**

**Substitute**

- “(c) Portable or mobile radiotelephones designed for civil use, other than satellite telephones, that are not capable of any of the following:
- (1) Transmitting encrypted data directly to another radiotelephone or equipment (other than Radio Access Network (RAN) equipment);
  - (2) Passing encrypted data through RAN equipment (e.g. Radio Network Controller (RNC) or Base Station Controller (BSC));”.

- (121) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2—

**Repeal paragraph (e)**

**Substitute**

- “(e) Portable or mobile radiotelephones and similar client wireless devices, designed for civil use, that have been customized for a specific civil industry application, meeting all of the following:
- (1) The non-customized devices satisfy the provisions of the Cryptography Note (Note 3 in Category 5—Part 2);
  - (2) The ‘cryptography for data confidentiality’ having a ‘described security algorithm’ of the non-customised devices is not affected by the customisation, and implements only published or commercial cryptographic standards;”.

Section 3

---

- (122) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2—

**Repeal paragraph (f).**

- (123) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), before Note 2(g)—

**Add**

“*N.B.*:

See paragraph (g) of Technical Note 1 to 5A002(a) for items previously described in this Note 2(f).”.

- (124) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(g)—

**Repeal**

“16”

**Substitute**

“32”.

- (125) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(h)—

**Repeal**

““information security” functionality”

**Substitute**

“‘cryptography for data confidentiality’ having a ‘described security algorithm’”.

- (126) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(i)—

**Repeal**

““information security” functionality”

**Substitute**

Section 3

---

“‘cryptography for data confidentiality’ having a ‘described security algorithm’”.

- (127) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(i)(1)—

**Repeal**

“Uses”

**Substitute**

“Implements”.

- (128) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(i)(2)(b)—

**Repeal**

“that is not specified in 5D002”

**Substitute**

“to which 5D002 does not apply”.

- (129) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(j)(1)(a)(1)—

**Repeal**

“‘information security’ functionality”

**Substitute**

“‘cryptography for data confidentiality’ having a ‘described security algorithm’”.

- (130) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(j)(1)(b)(2)—

**Repeal**

“‘information security’ functionality”

**Substitute**

“‘cryptography for data confidentiality’ having a ‘described security algorithm’”.

Section 3

---

- (131) Schedule 1, Dual-use Goods List, Category 5, Part 2, 5A002(a), Note 2(j)(2)—

**Repeal**

““information security” functionality”

**Substitute**

““cryptography for data confidentiality’ having a ‘described security algorithm’”.

- (132) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(1)(d)—

**Repeal**

“underwater vehicles and”

**Substitute**

“submersible vehicles and”.

- (133) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(1)(d), Note (a)—

**Repeal**

“underwater”

**Substitute**

“submersible”.

- (134) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(2)(a)(4)—

**Repeal**

“better”

**Substitute**

“greater (better)”.

- (135) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(2)(a)(6)—

**Repeal**



“better”

**Substitute**

“greater (better)”.

- (136) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(2)(b)(2)—

**Repeal the Technical Note.**

- (137) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(2)(b)(3)—

**Repeal**

“controlled by”

**Substitute**

“specified in”.

- (138) Schedule 1, Dual-use Goods List, Category 6, at the end of 6A001(a)(2)(b)—

**Add**

“*Technical Note:*

‘Able to be modified’ in 6A001(a)(2)(b) means having provisions to allow a change of the wiring or interconnections to alter hydrophone group spacing or operating depth limits. These provisions are: spare wiring exceeding 10% of the number of wires, hydrophone group spacing adjustment blocks or internal depth limiting devices that are adjustable or that control more than one hydrophone group.”.

- (139) Schedule 1, Dual-use Goods List, Category 6, 6A001(a)(2)(d)(1)—

**Repeal**

“better”

**Substitute**

Section 3

---

- “less (better)”.
- (140) Schedule 1, Dual-use Goods List, Category 6,  
6A001(a)(2)(g)(2)—  
**Repeal**  
“better”  
**Substitute**  
“greater (better)”.
- (141) Schedule 1, Dual-use Goods List, Category 6,  
6A001(b)(1)(b)—  
**Repeal**  
“better”  
**Substitute**  
“less (better)”.
- (142) Schedule 1, Dual-use Goods List, Category 6,  
6A001(b)(2)—  
**Repeal**  
“better”  
**Substitute**  
“less (better)”.
- (143) Schedule 1, Dual-use Goods List, Category 6,  
6A002(a)(2)(a)(2)(b)—  
**Repeal**  
“‘charge multiplication’”  
**Substitute**  
“‘charge multiplication’”.
- (144) Schedule 1, Dual-use Goods List, Category 6,  
6A002(a)(2)(b)(2)(b)—

**Repeal**

“‘charge multiplication’”

**Substitute**

“‘charge multiplication’”.

- (145) Schedule 1, Dual-use Goods List, Category 6, 6A002(a)(2)(c)(2)—

**Repeal**

“‘charge multiplication’”

**Substitute**

“‘charge multiplication’”.

- (146) Schedule 1, Dual-use Goods List, Category 6, 6A002(a)(3), Note 2(c)—

**Repeal**

“‘charge multiplication’”

**Substitute**

“‘charge multiplication’”.

- (147) Schedule 1, Dual-use Goods List, Category 6, 6A002(a)(3)(a)(2)(b)—

**Repeal**

“‘charge multiplication’”

**Substitute**

“‘charge multiplication’”.

- (148) Schedule 1, Dual-use Goods List, Category 6, 6A002(a)(3)(b)(2)(b)—

**Repeal**

“‘charge multiplication’”

**Substitute**

Section 3

---

““charge multiplication””.

- (149) Schedule 1, Dual-use Goods List, Category 6, 6A002(a)(3)(g)(2)—

**Repeal**

“‘charge multiplication’”

**Substitute**

““charge multiplication””.

- (150) Schedule 1, Dual-use Goods List, Category 6—

**Repeal the Technical Note before 6A002(b).**

- (151) Schedule 1, Dual-use Goods List, Category 6, 6A002(b)(1), Note 1—

**Repeal**

“‘charge multiplication’”

**Substitute**

““charge multiplication””.

- (152) Schedule 1, Dual-use Goods List, Category 6, 6A002(b)(1), Note 2—

**Repeal**

“‘charge multiplication’”

**Substitute**

““charge multiplication””.

- (153) Schedule 1, Dual-use Goods List, Category 6, 6A003(a)(3)—

**Repeal**

“‘better’”

**Substitute**

“‘less (better)’”.

Section 3

---

- (154) Schedule 1, Dual-use Goods List, Category 6, 6A004(a)(1)—

**Repeal**

““Deformable mirrors””

**Substitute**

““Deformable mirrors’”.

- (155) Schedule 1, Dual-use Goods List, Category 6, at the end of 6A004(a)(1)—

**Add**

“*Technical Notes:*

For the purpose of 6A004(a)(1):

1. ‘Deformable mirrors’ are mirrors having any of the following:
    - (a) A single continuous optical reflecting surface which is dynamically deformed by the application of individual torques or forces to compensate for distortions in the optical waveform incident upon the mirror; *or*
    - (b) Multiple optical reflecting elements that can be individually and dynamically repositioned by the application of torques or forces to compensate for distortions in the optical waveform incident upon the mirror.
  2. ‘Deformable mirrors’ are also known as adaptive optic mirrors.”.
- (156) Schedule 1, Dual-use Goods List, Category 6, 6A005(b)(3)(a)(2)—

**Repeal**

“50”

Section 3

---

**Substitute**

“80”.

- (157) Schedule 1, Dual-use Goods List, Category 6,  
6A005(d)(1)(a)(1)—

**Repeal**

“1 510”

**Substitute**

“1 570”.

- (158) Schedule 1, Dual-use Goods List, Category 6,  
6A005(d)(1)(a)(1)—

**Repeal**

“1.5”

**Substitute**

“2.0”.

- (159) Schedule 1, Dual-use Goods List, Category 6,  
6A005(d)(1)(a)(2)—

**Repeal**

“1 510”

**Substitute**

“1 570”.

- (160) Schedule 1, Dual-use Goods List, Category 6,  
6A005(f)(3)(a)—

**Repeal**

“less”

**Substitute**

“less (better)”.

Section 3

---

(161) Schedule 1, Dual-use Goods List, Category 6,  
6A005(g)(2)—

**Repeal**

“better (less)”

**Substitute**

“less (better)”.

(162) Schedule 1, Dual-use Goods List, Category 6,  
6A005(g)(4)—

**Repeal**

“better (less)”

**Substitute**

“less (better)”.

(163) Schedule 1, Dual-use Goods List, Category 6,  
6A006(a)(1)(a)—

**Repeal**

“lower”

**Substitute**

“less”.

(164) Schedule 1, Dual-use Goods List, Category 6,  
6A006(a)(1)(b)—

**Repeal**

“lower”

**Substitute**

“less”.

(165) Schedule 1, Dual-use Goods List, Category 6,  
6A006(a)(2)—

**Repeal**

Section 3

---

“lower”

**Substitute**

“less”.

- (166) Schedule 1, Dual-use Goods List, Category 6,  
6A006(a)(3)—

**Repeal**

“lower”

**Substitute**

“less”.

- (167) Schedule 1, Dual-use Goods List, Category 6,  
6A006(a)(4)—

**Repeal**

“lower”

**Substitute**

“less”.

- (168) Schedule 1, Dual-use Goods List, Category 6,  
6A006(a)(5)—

**Repeal**

“lower”

**Substitute**

“less”.

- (169) Schedule 1, Dual-use Goods List, Category 6, 6A006(b)—

**Repeal**

“lower”

**Substitute**

“less”.



Section 3

---

(170) Schedule 1, Dual-use Goods List, Category 6,  
6A006(c)(1)—

**Repeal**

“controlled by”

**Substitute**

“specified in”.

(171) Schedule 1, Dual-use Goods List, Category 6,  
6A006(c)(2)—

**Repeal**

“lower”

**Substitute**

“less”.

(172) Schedule 1, Dual-use Goods List, Category 6,  
6A006(c)(3)—

**Repeal**

“lower”

**Substitute**

“less”.

(173) Schedule 1, Dual-use Goods List, Category 6, 6B004(a)—

**Repeal**

“better”

**Substitute**

“less (better)”.

(174) Schedule 1, Dual-use Goods List, Category 6, 6B007—

**Repeal**

“better”

**Substitute**

Section 3

---

“less (better)”.

- (175) Schedule 1, Dual-use Goods List, Category 6, 6C005—

**Repeal the Technical Notes.**

- (176) Schedule 1, Dual-use Goods List, Category 6, at the end of 6C005(b)—

**Add**

“*Note:*

6C005(b) includes fibres assembled with end caps.

*Technical Note:*

For the purposes of 6C005(b), core ‘Numerical Aperture’ (‘NA’) is measured at the emission wavelengths of the fibre.”.

- (177) Schedule 1, Dual-use Goods List, Category 6, 6E003(a)(2)—

**Repeal**

“Optical fabrication “technology” using single point diamond turning techniques to produce surface finish “accuracies” of better”

**Substitute**

““Technology” for the fabrication of optics using single point diamond turning techniques to produce surface finish “accuracies” of less (better)”.

- (178) Schedule 1, English text, Dual-use Goods List, Category 7, 7A, Nota Bene—

**Repeal**

“underwater”

**Substitute**

“submersible”.

(179) Schedule 1, Dual-use Goods List, Category 7, 7A003—

**Repeal the Notes after the Nota Bene**

**Substitute**

*“Note:*

7A003 does not apply to ‘inertial measurement equipment or systems’ which are certified for use on “civil aircraft” by civil aviation authorities of one or more “Participating States”.”.

(180) Schedule 1, Dual-use Goods List, Category 7—

**Repeal the Technical Note before 7A003(a)**

**Substitute**

*“Technical Notes:*

1. ‘Inertial measurement equipment or systems’ incorporate accelerometers or gyroscopes to measure changes in velocity and orientation in order to determine or maintain heading or position without requiring an external reference once aligned. ‘Inertial measurement equipment or systems’ include the following:
  - Attitude and Heading Reference Systems (AHRSs);
  - Gyrocompasses;
  - Inertial Measurement Units (IMUs);
  - Inertial Navigation Systems (INSs);
  - Inertial Reference Systems (IRSs);
  - Inertial Reference Units (IRUs).
2. ‘Positional aiding references’ independently provide position, and include all of the following:
  - (a) “Satellite navigation system”;

Section 3

---

(b) “Data-Based Referenced Navigation”  
 (“DBRN”).”.

(181) Schedule 1, Dual-use Goods List, Category 7, 7A003(a),  
Technical Note—

**Repeal**

“non-positional aiding references”

**Substitute**

“non-‘positional aiding references’”.

(182) Schedule 1, Dual-use Goods List, Category 7, 7A003(b),  
Technical Note—

**Repeal**

“*Technical*”.

(183) Schedule 1, Dual-use Goods List, Category 7, 7D004,  
Note—

**Repeal**

“program”

**Substitute**

““program””.

(184) Schedule 1, Dual-use Goods List, Category 7, the Note  
before 7E004(c)—

**Repeal**

“program”

**Substitute**

““program””.

(185) Schedule 1, Dual-use Goods List, Category 8,  
8A001(c)(1)(c)—

**Repeal**

“Optical”

Section 3

---

**Substitute**

“Wireless optical”.

- (186) Schedule 1, Dual-use Goods List, Category 8, 8A002(a)(4)—

**Repeal the Technical Note.**

- (187) Schedule 1, Dual-use Goods List, Category 8, 8A002(d)(1)—

**Repeal**

“an underwater”

**Substitute**

“a submersible”.

- (188) Schedule 1, Dual-use Goods List, Category 8, 8A002(o)—

**Repeal**

“and noise reduction systems”

**Substitute**

“, and noise reduction systems and related equipment”.

- (189) Schedule 1, Dual-use Goods List, Category 8, 8A002(o)(2)(b)—

**Repeal**

“engines”

**Substitute**

“motors”.

- (190) Schedule 1, Dual-use Goods List, Category 8, 8A002(o)(2)(c)—

**Repeal**

“engines, or permanent magnet electric propulsion engines”

**Substitute**

“motors”.

- (191) Schedule 1, Dual-use Goods List, Category 8—

**Repeal 8A002(o)(2)(d)**

**Substitute**

“(d) Power transmission systems, incorporating “composite” shafts and designed to transmit power exceeding 10 MW;”.

- (192) Schedule 1, Dual-use Goods List, Category 8, 8A002(o)(3), after “reduction systems”—

**Add**

“and related equipment.”.

- (193) Schedule 1, Dual-use Goods List, Category 8, after 8A002(o)(3)—

**Add**

“(4) Permanent magnet electric propulsion motors specially designed for submersible vehicles, having a power output exceeding 0.1 MW;

*Note:*

8A002(o)(4) includes rim-driven propulsion systems.”.

- (194) Schedule 1, Dual-use Goods List, Category 9—

**Repeal 9A001(b).**

- (195) Schedule 1, Dual-use Goods List, Category 9, 9A003—

**Repeal**

“or 9E003(i)”

**Substitute**

“, 9E003(i) or 9E003(k)”.

Section 3

---

- (196) Schedule 1, Dual-use Goods List, Category 9, 9A006(a)—  
**Repeal**  
“specially designed for use in space vehicles and capable of restricting”  
**Substitute**  
“, designed to restrict”.
- (197) Schedule 1, Dual-use Goods List, Category 9, 9A006(b)—  
**Repeal**  
everything after “systems”  
**Substitute**  
“, designed to maintain or produce temperatures less than or equal to 100 K (-173.15°C);”.
- (198) Schedule 1, English text, Dual-use Goods List, Category 9, 9A115(a)—  
**Repeal**  
“*Technical Note:*”  
**Substitute**  
“*Technical Notes:*”.
- (199) Schedule 1, Dual-use Goods List, Category 9, 9A115(a)—  
**Renumber the Technical Note as Technical Note 1.**
- (200) Schedule 1, Dual-use Goods List, Category 9, 9A115(a), after Technical Note 1—  
**Add**  
“2. Apparatus and devices specified in 9A115(a) include those installed on a manned aircraft or an unmanned aerial vehicle.”.
- (201) Schedule 1, Dual-use Goods List, Category 9, 9B009, Note—

Section 3

---

**Repeal**

“production”

**Substitute**

““production””.

(202) Schedule 1, Dual-use Goods List, Category 9, 9B010—

**Repeal**

“production”

**Substitute**

““production””.

(203) Schedule 1, Dual-use Goods List, Category 9, 9D004(b),  
Note—

**Repeal**

“production”

**Substitute**

““production””.

(204) Schedule 1, Dual-use Goods List, Category 9, 9E001—

**Repeal**

“9A001(b),”.

(205) Schedule 1, Dual-use Goods List, Category 9, 9E002—

**Repeal**

“9A001(b),”.

(206) Schedule 1, English text, Dual-use Goods List, Category 9,  
9E003(c)—

**Repeal**

“holes,”

**Substitute**

“holes”.



Section 3

---

- (207) Schedule 1, Dual-use Goods List, Category 9, 9E003(f)—  
**Repeal**  
“high output diesel engines”  
**Substitute**  
““high output diesel engines””.
- (208) Schedule 1, Dual-use Goods List, Category 9, 9E003(g)—  
**Repeal**  
“high output diesel engines”  
**Substitute**  
““high output diesel engines””.
- (209) Schedule 1, Dual-use Goods List, Category 9, 9E003(g)—  
**Repeal the Technical Note.**
- (210) Schedule 1, Dual-use Goods List, Category 9, after 9E003(j)—  
**Add**  
“(k) “Technology”, not specified in 9E003(a), 9E003(h), or 9E003(i), “required” for the “development” of any of the following components or systems, specially designed for aero gas turbine engines to enable “aircraft” to cruise at Mach 1 or greater for more than 30 minutes:
1. Propulsion inlet systems;
  2. Propulsion exhaust systems;
  3. ‘Reheat systems’;
  4. ‘Active thermal management systems’ to condition fluids used to lubricate or cool ‘engine rotor supports’;
  5. Oil-free ‘engine rotor supports’;

6. Systems to remove heat from ‘compression system’ core gas path flow.

*Technical Notes:*

For the purposes of 9E003(k):

1. Propulsion inlet systems include core flow pre-coolers.
2. ‘Reheat systems’ provide additional thrust by combusting fuel in exhaust or bypass flow downstream of the last turbomachinery stage. ‘Reheat systems’ are also referred to as afterburners.
3. ‘Active thermal management systems’ employ methods other than passive oil-to-air cooling or oil-to-fuel cooling, such as vapour cycle systems.
4. ‘Compression system’ is any stage or combination of stages between the engine inlet face and the combustor that increases gas path pressure through mechanical work.
5. An ‘engine rotor support’ is the bearing supporting the main engine shaft that drives the compression system or turbine rotors.

*N.B.:*

1. See 9E003(h) for engine control technology.
2. See 9E003(i) for adjustable flow path systems technology.”.

(211) Schedule 1, Dual-use Goods List, Category 9, before 9E101(a)—

**Add**

““Technology” as follows:”.

Section 3

---

- (212) Schedule 1, Definitions of terms, definition of *Intrusion software*, paragraph (b)—

**Repeal**

“program”

**Substitute**

““program””.

- (213) Schedule 1, Definitions of terms, definition of *Laser*—

**Repeal**

“0 1 2 3 5 “Laser” (雷射器)”

6 7 9

ML9

ML17

ML19

Def.

**Substitute**

“0 1 2 3 5 “Laser” (雷射器)”.

6 7 9

ML9

ML13

ML17

ML19

Def.

- (214) Schedule 1, Definitions of terms, definition of *Programme*—

**Repeal**

Section 3

---

“6 “Programme” (程式)”

Def.

**Substitute**

“1 7 “Programme” (程式)”.

Def.

- (215) Schedule 1, English text, Definitions of terms, definition of *Vulnerability disclosure*—

**Repeal**

“purpose”

**Substitute**

“purposes”.

- (216) Schedule 1, Definitions of terms—

(a) definition of *Deformable mirrors*;

(b) definition of *Hot isostatic densification*;

(c) definition of *Solidify rapidly*—

**Repeal the definitions.**

- (217) Schedule 1, Definitions of terms—

**Add in alphabetical order**

“6 “Charge multiplication” (電荷倍增)

A form of electronic image amplification defined as the generation of charge carriers as a result of an impact ionization gain process. “Charge multiplication” sensors may take the form of an image intensifier tube, solid state detector or “focal plane array”.

9 “High output diesel engines” (高輸出功率柴油引擎)

Diesel engines with a specified brake mean effective pressure of 1.8 MPa or more at a speed of 2 300 r.p.m., provided the rated speed is 2 300 r.p.m. or more.”.

Aaron LIU Kong-cheung  
Director-General of Trade and  
Industry

10 January 2025

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## **Explanatory Note**

This Order amends Schedule 1 to the Import and Export (Strategic Commodities) Regulations (Cap. 60 sub. leg. G) to reflect the latest changes in the control lists of strategic commodities adopted by various international non-proliferation regimes.

2. The Order also makes minor textual amendments to that Schedule.