

SUMMARY OF CHANGES

LIST OF DUAL-USE GOODS & TECHNOLOGIES AND MUNITIONS LIST

as of 05 December 2019

The following table outlines the changes made by the 2019 Plenary to the 2018 List of Dual-Use Goods & Technologies and Munitions List (WA-LIST (18) 1). The table should be used for information only. The new version of the Control Lists is WA-LIST (19) 1.

Category/Item	Comments
Category 1	
1.A.2.b.1., Note 5	- new decontrol Note
1.A.5.b. (see also ML6 & 13)	- «national equivalents» replaced with «"equivalent standards"» - new definition for "equivalent standards"
1.A.6.	- editorial: - capital letters on Improvised Explosive Devices and addition of the acronym «IEDs» - «For the purpose of 1.A.6.b.» added to the start of the Technical Note - Improvised Explosive Devices replaced by the acronym IEDs in N.B.
1.B.2.	- entry rewritten to include cascading structure
1.C.1.a., Note 1	- «or less» added to the end of para. d.2.
1.C.2., Technical Note 3	- «ratio» added after «average stress» in the last sentence.
1.C.6.d.	- chapeau amended
1.C.10.c.	- para. 1 amended to include cascading structure
Category 2	
2.A.1.	- chapeau amended - Decontrol Note deleted
2.A.1.c.	- «specially designed components» added to chapeau
2.B.1.	- new Note 4
Category 3	
3.B.1.h.	- new Nota Bene
3.D.3.	- entry rewritten including new Technical Note - former Note deleted
3.E.2.a., b. and c.	- new Technical Notes 1 and 2 for the local definitions of 'floating-point' and 'fixed-point' - single quotes around these terms in these entries
3.E.4.	- new entry and new Technical Note for the local definition of 'site front least-squares range' ('SFQR')

Category/Item	Comments
Category 4	
4.E.1.a. and 4.E.1.c., Note 1 (see also ML21)	- "vulnerability disclosure" and "cyber incident response" – changed from local to global definitions - Technical Notes 1 and 2 deleted
Category 5 – Part 1	
5.A.1.h.1.	- editorial: acronym IEDs added after Improvised Explosive Devices
5.A.1.j.2.a.	- "hard selectors" changed from a local to a global definition - Technical Note deleted
5.D.1.e.	- new entry, including Technical Notes 1 and 2, a decontrol Note and a 3-year Validity Note
5.E.1.a.	- reference added to 5.D.1.e.
Category 5 – Part 2	
5.A.2.a.	- entry modified to refer to secure "cryptographic activation"
5.A.2.a.2.	- Statement of Understanding added referring to digital communication or networking functionality
5.A.2.a., Note 2.f.	- para. f. chapeau and sub-para. 1 are merged - sub-para. 2 is deleted - definition of "personal area network" modified
5.A.2.a., Note h.	- «gateways» added after «switches»
5.A.4.b.	- new entry, including a Technical Note, decontrol Notes 1 and 2, and a 3-year Validity Note
5.D.2.a.3.	- entry amended to include sub-paras. a. and b.
5.D.2.c.3.	- entry amended to include sub-paras. a. and b. and a decontrol Note
5.E.2.a.	- new decontrol Note
Category 6	
6.A.4.c.4.	- entry amended, including adding «per Kelvin» to the parameter
6.A.5.a.6.a.1. and 6.A.5.a.6.a.2.a.	- «average» deleted
6.A.5.a.6.b., Note 2	- Technical Note defining 'brightness' is deleted - editorial
6.A.8.i.	- 'instrumented range' changed from a global to a local definition in the chapeau and in Note b.1. - new Technical Note added - global definition for "Instrumented range" deleted
Category 7	No amendments were made to Category 7
Category 8	No amendments were made to Category 8

Category/Item	Comments
Category 9	
9.A.4.h.	- new entry and definition for "sub-orbital craft" together with a 3-year Validity Note
9.A.11.	- new Technical Note for the local definition of 'combined cycle engines' - single quotes around 'combined cycle engines' in the chapeau
9.A.12.	- new Nota Bene under the chapeau referring to 9.A.4.h.
9.D.5.	- new Nota Bene
9.E.3.a.11.	- entry rewritten including sub-paras. a. and b. and a Technical Note for the local definition of 'fan blade' - single quotes around 'fan blades' in the chapeau
Sensitive List	
3.A.1.b.3.b.	- «or» added between sub-paras. 1. and 2. - editorial
Very Sensitive List	No amendments were made to the Very Sensitive List
Munitions List	
ML1.a., Note	- new para. e.
ML2	- «specially designed or modified for military use» added after projectors in the chapeau
ML2.a.	- «signature reduction devices» deleted from para. a.
ML2.b.	- entry amended to include a cascading structure
ML2.c. and d.	- paras. c. and d. are merged and amended to include a cascading structure - para. d is deleted
ML6.b.1.a. and ML6.b.2.b.	- «comparable national standard» replaced with «"equivalent standards"» - new definition for "equivalent standards"
ML6.b.1.b.	- «for» added before «vehicles»
ML9.h.	- para. 1. is moved to become the ML9.h. chapeau - reference to para. 1 in the Technical Note and the Note are deleted (ML9.h. instead of ML9.h.1.)
ML13.d.2.	- «national equivalents» replaced with «"equivalent standards"» - new definition for "equivalent standards"
ML18	- «environmental test facilities» added to the chapeau and «related equipment» deleted
ML21.b.	- new para. 5 including Notes 1 and 2
ML21.c.	- new Nota Bene
Definitions	
"Cyber incident response"	- new definition (former local definition)
"Digital computer"	- reference to ML21 added
"Equivalent standards"	- new definition
"Hard selectors"	- new definition (former local definition)
"Instrumented range"	- definition deleted (now a local definition)
"Intrusion software"	- reference to Cat 5P2 added
"Personal area network"	- para. b. is amended and new Technical Note 2 is added
"Resolution"	- editorial: definition deleted

Category/Item	Comments
Definitions cont.	
"Satellite navigation system"	- the acronyms GNSS and RNSS are deleted
"Sub-orbital craft"	- new definition
"Superalloy"	- definition amended
"Vulnerability disclosure"	- new definition (former local definition)
Acronyms and Abbreviations	
AMPS	- new entry
EEPROM	- entry deleted
EMP	- new entry
ESD	- new entry
HDMI	- new entry
LVDT	- entry deleted
MRAM	- entry deleted
NIJ	- new entry
SPLD	- entry deleted
Statements of Understanding and Validity Notes	
5.D.1.e.	- new 3-year Validity Note
Cat 5P2	- Statement of Understanding regarding former Note 4 is deleted
5.A.2.a.2.	- new Statement of Understanding
5.A.4.b., 5.D.2.a.3., 5.D.2.c.3., Note to 5.E.2.a.	- new 3-year Validity Note
9.A.4.f.	- Validity Note deleted
9.A.4.h.	- new 3-year Validity Note