

## SUMMARY OF CHANGES

### LIST OF DUAL-USE GOODS & TECHNOLOGIES AND MUNITIONS LIST

**as of 3 December 2015**

The following table outlines the changes made to the 2014 List of Dual-Use Goods & Technologies and Munitions List (WA-LIST (14) 2). However, the table should be used only as a reference.

Category/Item	Comments
<b>GISN</b>	- new General "Information Security" Note added after the General Software Note
<b>Category 1</b>	
1.A.1.b. and c.	- deleted
1.A.2., Note 1	- double quotes around "composite"
1.A.4.a.1., 1.A.4.b.1.; 1.A.4.c.1.;	- single quotes around 'biological agents'; - phrase "adapted for use in war" deleted
Technical Note 1 to 1.A.4.	
Technical Note 3 to 1.A.4.	- new local definition for 'biological agents'
1.C.1.b., Notes a. and b.	- double quotes around "laser"
1.C.2., Note	- amended
1.C.6.a.	- deleted
1.C.8.a.2. Technical Note 1	- reference added to 1.C.8.f. materials
1.C.9.a.	- deleted
1.E.1.	- consequential change: reference to 1.A.1.b. and c. deleted
1.E.2.f. Note	- double quotes around "aircraft"
Annex – "Explosives"	- new entry 49
<b>Category 2</b>	
2.B.1.a.	- entry rewritten, including new Note 2
2.B.1.b.1.	- entry rewritten
2.B.1.b.2.a.	- parameters modified
2.B.6.b.1.	- Note modified
2.B.6.b.1.c.	- para. 2 modified; - new para. 3
2.B.6.b.2. Note	- double quotes around "laser"

Category/Item	Comments
<b>Category 3</b>	
3.A.1.a.5.a.	- entries 2, 3, 4 and 5 modified
3.A.1.b.	- «components» replaced by «items»
3.A.1.e.1.b.	- parameter modified
3.A.1.f.	- ± deleted before 1.0 second of arc and double quotes around "accuracy"
3.A.2.	- chapeau modified
3.A.2.a.5.	- entry deleted and new Nota Bene added
3.A.2.a.6.	- entry rewritten, including paragraphs a. and b.; - new Technical Notes 1 and 2
3.A.2.h.	- new entry
3.B.1.c.	- deleted
3.B.1.e.1.	- entry modified
3.B.1.e.2. Technical Notes	- «etch» deleted from Technical Note 1
3.B.1.f.3.	- entry rewritten
3.B.1.f.4.	- new entry
3.D.1.	- consequential change: 3.A.2.g. to 3.A.2.h.
3.E.2.a.	- «and vector registers of at least 32 elements each» added to the end of the Technical Note
3.E.2.c.	- «four» replaced with «eight» results per cycle; - Note to 3.E.2.c. replaced with Note 1 to 3.E.2.; - existing Notes 1 and 2 renumbered
<b>Category 4</b>	
Note 3 (start of Category)	- deleted
4.A.1.b.	- Nota Bene deleted
4.A.3. Note 1	- last tick deleted
4.A.3.b.	- parameter modified
4.A.3.c. Note 1	- last sentence deleted
4.A.3.e.	- deleted and new Nota Bene added
4.D.1.b.1.	- parameter modified
4.D.3.	- Nota Bene deleted
4.E.1.b.1.	- parameter modified
<b>Category 5 – Part 1</b>	
N.B.2 to Note 1	- deleted; N.B.1 becomes just N.B.
5.A.1.d.	- entry rewritten, including sub-paras. 1 to 4
5.B.1.b.2.b.	- deleted
5.B.1.b.4.	- parameter modified
5.D.1.d.4.	- parameter modified
5.E.1.c.2.b.	- deleted
5.E.1.c.4.a.	- parameter modified
<b>Category 5 – Part 2</b>	
	- entire Category rewritten

Category/Item	Comments
<b>Category 6</b>	
6.A.1.a.1.d.2. 6.A.1.a.1.e.2.	- positioning accuracy replaced by «determined position error»
6.A.1.a.2.d.1.	- ± deleted before 0.5° and double quotes around "accuracy"
6.A.1.b.1.b. 6.A.1.b.2.	- double quotes around "accuracy"
6.A.2.a.3. Note 2	- new para. d. for thermopile arrays
6.A.3. Nota Bene	- deleted as a consequential change of deletions in Category 8
6.A.4.a.2. and 3.	- new Note added
6.A.4.d.2.a.3. 6.A.4.d.2.b.	- double quotes around "accuracy" and (better) added after «less»
6.A.5.b.6.a.2.	- 10 W replaced by 30 W
6.A.5.b.6.b.2.	- 10 W replaced by 50 W
6.A.5.c.1. Note	- double quotes around "lasers"
6.A.5.d.1.d.1.d. 6.A.5.d.1.d.2.d.	- new Note added
6.A.5.e.3.	- double quotes around "laser"
6.A.5.e.3.b.3.	- «or» moved from end of para. a. to end of para. b.
6.A.5.e.3.c.	- double quotes around "laser/s" in paras. 1 and 2
6.A.5.f.3.	- double quotes around "accuracy"
6.A.5.g.	- double quotes around "laser" in paras. 1, 2, & 3 and in Technical Note
6.A.7.a.	- double quotes around "accuracy"
6.A.7.b.	- double quotes around "accuracy" in paras. 1 and 2
6.A.8.a.2.	- double quotes around "accuracy"
6.A.8.j.3.	- double quotes around "lasers"
6.A.8. Technical Note 2	- double quotes around "aircraft"
6.B.4.a.	- entry modified including double quotes around "accuracy"
6.B.7.	- double quotes around "accuracy"
6.C.5.b.	- double quotes around "lasers" in paras. 1 and 2
6.E.3.d.2.	- double quotes around "accuracies"
<b>Category 7</b>	
7.A.3.	- Technical Note 2 – local definition of 'CEP' deleted; - "Circular Error Probable" changed to a global definition
7.A.3.a.	- double quotes around "accuracies" - double quotes around "Circular Error Probable" ("CEP")
7.A.3.b.	- double quotes around "accuracy" - double quotes around "CEP"
7.A.3.c.	- double quotes around "accuracy" in paras. 1 and 2
7.A.4.a.	- double quotes around "accuracy"
7.A.8.	- double quotes around "accuracy" - double quotes around "Circular Error Probable" ("CEP")
7.B.1. Technical Note 1	- double quotes around "aircraft"

<b>Category/Item</b>	<b>Comments</b>
7.B.2.	- double quotes around "accuracy" in paras. a. and b.
7.E.4.a.7.	- double quotes around "accuracy"
7.E.4.b.1.	- double quotes around "aircraft"
7.E.4.b.7.b.4.	- double quotes around "aircraft"
7.E.4.b.8.	- double quotes around "aircraft" in paras. a. and b.
7.E.4.c.2.	- «directional» changed to «direction»
<b>Category 8</b>	
8.A.1. Nota Bene	- first tick deleted
8.A.1.e.2.	- double quotes around "accuracies"
8.A.2.d.	- entry rewritten and shortened
8.A.2.e.	- deleted
<b>Category 9</b>	
9.A.1. Note 1	- double quotes around "aircraft" in para. b.
9.A.1.b.	- double quotes around "aircraft"
9.A.4.d.	- list of references modified as a consequential change resulting from agreement on Cat 5P2 restructure
9.A.12. Note	- deleted
9.B.1.b.	- entry rewritten, including paras. 1, 2 and 3
9.E.3.h. Note	- double quotes around "aircraft"
9.E.3.j.	- double quotes around "aircraft" in chapeau and N.B.
<b>Sensitive List</b>	
2.D.1.a.	- rewritten, including paras. 1 and 2
2.D.1.b.1.	- rewritten, including paras. a. and b.
2.D.1.b.2.	- consequential change: parameter changed from 1.1 µm to 0.9 µm
2.E.1.a.	- rewritten, including paras. 1 and 2
2.E.1.b.1.	- rewritten, including paras. a. and b.
2.E.1.b.2.	- consequential change: parameter changed from 1.1 µm to 0.9 µm
2.E.2.a.	- rewritten, including paras. 1 and 2
2.E.2.b.1.	- rewritten, including paras. a. and b.
2.E.2.b.2.	- consequential change: parameter changed from 1.1 µm to 0.9 µm
4.D.1.	- 'APP' parameter modified
4.E.1.	- 'APP' parameter modified
9.B.1.b.	- consequential change: entry rewritten, including paras. 1, 2 and 3
<b>Very Sensitive List</b>	- no changes made

<b>Category/Item</b>	<b>Comments</b>
<b>Munitions List</b>	
ML1.d. and Note	- editorial correction: weapon-sights
ML8 Technical Note 1	- modified, including single quotes around 'mixture'
ML8.a.	- single quotes around 'mixtures'
ML8.a.40	- new entry
ML8.a. Note and Technical Note	- new entries for 'explosive co-crystals'
ML8.c.	- single quotes around 'mixtures'
ML8.c.1. and Note	- double quotes around "aircraft"
ML8.c.5.	- single quotes around 'mixtures', including paras. a. and b.
ML8.c.5. Note 1	- double quotes around "explosives"
ML8.c.5. Note 2	- single quotes around 'mixture' - double quotes around "propellant/s" and "pyrotechnic"
ML8.d.	- single quotes around 'mixtures'
ML10.c.	- entry modified, including double quotes around "aircraft"
ML10.e.2. and ML10.f.	- double quotes around "aircraft"
ML10. Note 1.a.	- double quotes around "aircraft"
ML10. Note 2.a.	- «for civil use» deleted
ML13.c.	- entry modified, including new Nota Bene
ML17.o.	- double quotes around "laser"
<b>Definitions</b>	
"Accuracy"	- list of Cat references modified
"Airship"	- ML10 added to Cat references
"Circular Error Probable"	- new definition
"Cryptography"	- 'fixed' changed to local definition (single quotes); - Technical Note modified including new para. 2
"FADEC Systems"	- reference to Cat 7 deleted
"Fixed"	- definition deleted
"Frequency switching time"	- definition modified, including new paras. a. and b.
"Information security"	- consequential change: references modified
"Laser"	- definition modified, including reference to Cat 1
"Lighter-than-air vehicles"	- double quotes around "airships"
"Optical amplification"	- deleted
"SHPL"	- definition deleted
"System tracks"	- definition deleted
"Technology"	- definition modified
"Use"	- references to ML21 and ML22 deleted
<b>Acronyms and Abbreviations</b>	- no changes made
<b>SOUs and Validity Notes</b>	
Validity Note to 3.A.2.a.5.c.	- deleted as a consequence of the deletion of 3.A.2.a.5.
Validity Note to 5.A.2.a.7.	- deleted