SUMMARY OF CHANGES

LIST OF DUAL-USE GOODS & TECHNOLOGIES AND MUNITIONS LIST

as of 5 December 2024

The following table outlines the changes agreed by the 2024 Plenary to the 2023 List of Dual-Use Goods & Technologies and Munitions List (WA-LIST (23) 1). The table should be used for information only.

Category/Item	Comments
Both Lists	
Categories 2, 3, 4, 5P1, 5P2, 6, 8, Definitions & Munitions List	- editorial review of the List of Definitions, e.g., deleting definitions present only once in the Control Lists and inserting them into the correct position in the Lists and updating respective references - editorial
Categories 5P1, 9 & Definitions	- amendment of entries related to "spacecraft"
Categories 1, 9, Sensitive List & Very Sensitive List	- harmonisation of the understanding of the term *gas turbine engines*
Categories 1, 6, 7, 8, 9 & Definitions	- correction of inconsistencies, omissions, placement errors, etc. in the Control Lists, e.g. - the global definitions of "Maintenance Level I" and "Maintenance Level II" have been separated and the definitions reverted to their original wording - editorial
Categories 6 & Definitions	- editorial review of the 6.A.5. text on *lasers* and addition of two new global definitions - editorial
Category 1	
1.A.8.	- relocation of Technical Note (TN) in 1.A.8. to 1.A.8.a. - editorial
1.C.2.	- update of entries related to metal alloys and metal alloy powers, namely 1.C.2.c.2.g.-i. and the addition of TN 10
Category 2	
	No further amendments were made to Category 2 (see also editorial)
Category 3	
3.A.1.a.2., 3.A.1.a.5.b., 3.A.1.a.14. N.B.1.	- harmonisation and replacement of *Analogue-to-Digital Converters* and *Digital-to-Analogue Converters* with their acronyms - editorial
3.A.2.a.7.	- update of control parameters for real-time oscilloscopes and introduction of TNs
3.C.5.	- addition of N.B. referring to materials consisting of a "substrate"
3.E.3.b.	- removal of language to avoid redundancy with corresponding acronyms - editorial
Category 4	
	No further amendments were made to Category 4 (see also editorial)
Category 5 – Part 1	
	No further amendments were made to Category 5P1 (see also editorial)
Category 5 – Part 2	
5.A.2.a.	- modification of Statement of Understanding

Category/Item	Comments
Category 6	
6.A.2.a.3.g.2.	- replacement of single to double quotes for "charge multiplication" as it is a global definition - editorial
6.A.3.b.4.	- relocation of TN from Note 3.b.3. to the end of entry 6.A.3.b.4. - editorial
6.A.4.a.1.	- pluralisation of TN - editorial
6.A.5.d.1.b.	- update of average output power threshold for laser diode output power
Category 7	
	No further amendments were made to Category 7 (see also editorial)
Category 8	
8.A.1.c.1.	- deletion of 8.A.1.c.1.c. and replacement with *Not used since 2024*
8.A.2.a.2.	- clarification of scope of control for propulsion motors or thrusters, addition of TN and new acronym
8.A.2.b.	- addition of TN to clarify the scope of controls on autonomous underwater vehicle control systems
8.A.2.d.2.b.	- addition of double quotes to "lasers" as it is a global definition - editorial
Category 9	
9.E.3.a.2.e.	- modification of entry, TN and extension of Validity Note
Sensitive List	
	- harmonisation of *gas turbine engine* with 9.E.3.h., see entry on Both Lists
Very Sensitive List	
	- harmonisation of *turbine blades* with 9.E.3.a.1., see entry on Both Lists
Munitions List	
ML8.	- correction of decontrol Note 1.k. - editorial
ML10.	- insertion of "sub-orbital craft" and related equipment into chapeau, ML10.g., including new entry ML10.j., amendments to Notes 3 and 4, and the addition of ML to "sub-orbital craft" in the List of Definitions, mirroring the recent introduction of sub-orbital spacecraft in the Dual-Use List
ML18.	- deletion of Note
ML19.	- clarification of controls on *Directed Energy Weapon systems* with changes to ML19.a.-c. and addition of a TN
Definitions	
"Data device"	- new global definition extracted from local definition in Category 5P2
"Non-repetitive pulsed"	- new global definition, see entry in Both Lists
"Satellite", "Satellite navigation system", "Spacecraft", "Spacecraft bus", "Spacecraft mission equipment", "Space probe", "Space vehicle", "Sub-orbital craft"	- new global definitions of "satellite" and related items, see entry in Both Lists regarding "spacecraft"
"Technology"	- addition of *algorithms* in TN 1
"Wall-plug efficiency"	- new global definition, see entry in Both Lists above

Category/Item	Comments
Acronyms and Abbreviations	
	- *Hetero-Bipolar Transistors* replaced by *Heterojunction Bipolar Transistor* (HBT) and clarified in 3.E.3.b.
	- addition of *Permanent Magnet Alternating Current* (PMAC)