## **Detailed DSGL index**

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Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use"	64 65 76
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Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category	64 65 76 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins	64 65 76 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection bodies, impellers and ro	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins  equipment, body armour, precursor chemicals, toxins, casings,	64 65 76 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection bodies, impellers and ro shielding windows and research.	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins  Requipment, body armour, precursor chemicals, toxins, casings, tors, viruses, bacteria, protective and detection equipment, radmetal powder production equipment.	64 65 76 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection bodies, impellers and roshielding windows and respective and systems, Equipment	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins  Requipment, body armour, precursor chemicals, toxins, casings, tors, viruses, bacteria, protective and detection equipment, radmetal powder production equipment.  Eg. Components made from fluorinated compounds,	64 65 76 77 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection bodies, impellers and roshielding windows and respective and systems, Equipment	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins  To equipment, body armour, precursor chemicals, toxins, casings, tors, viruses, bacteria, protective and detection equipment, radmetal powder production equipment.  Eg. Components made from fluorinated compounds, "composite" structures or laminates, manufactures of non-	64 65 76 77 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection bodies, impellers and ro shielding windows and research.	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins  Requipment, body armour, precursor chemicals, toxins, casings, tors, viruses, bacteria, protective and detection equipment, radmetal powder production equipment.  Eg. Components made from fluorinated compounds,	64 65 76 77 77
Systems, Equipment and Components Test Inspection and Production Equipment  Materials  Software  Technology  Category 1- Materials,  Protective and detection bodies, impellers and roshielding windows and respective and systems, Equipment	Nuclear reactors and specially designed or prepared equipment and components  Eg. Plant for the separation of isotopes of "natural uranium", "depleted uranium" and "special fissile materials", and specially designed or prepared equipment and components  Eg. Deuterium, heavy water (deuterium oxide) and other compounds of deuterium, and mixtures and solutions containing deuterium  "Software" specially designed or modified for the "development", "production" or "use" of goods specified in this Category  "Technology" for the "development", "production" or "use" of goods specified in this Category  Chemicals, Microorganisms and Toxins  To equipment, body armour, precursor chemicals, toxins, casings, tors, viruses, bacteria, protective and detection equipment, radmetal powder production equipment.  Eg. Components made from fluorinated compounds, "composite" structures or laminates, manufactures of non-"fusible" aromatic polyimides in film, sheet, tape or ribbon	64 65 76 77 77

alloys, Tools, dies, moulds or fixtures, for "superplastic	
forming" or "diffusion bonding" titanium, aluminium or	
their alloys	
Eg. Materials specially designed for use as absorbers of electromagnetic waves, or intrinsically conductive polymers, fluids and lubricating materials; Chemicals, which may be used as precursors for toxic chemical agents; Human pathogens, zoonoses and "toxins"; Animal pathogens; genetic elements and genetically modified organisms; plant pathogens; toxic chemicals and toxic chemical precursors	90
Eg. "Software" for the "development" of organic "matrix", metal "matrix" or carbon "matrix" laminates or "composites"; —Software specially designed for analysis of reduced observables such as radar reflectivity, ultraviolet/infrared signatures and acoustic signatures	122
Eg. "Technology" for the "development" or "production" of polybenzothiazoles or polybenzoxazoles; fluoroelastomer compounds containing at least one vinylether monomer; base materials or non-"composite" ceramic materials;	123
	their alloys  Eg. Materials specially designed for use as absorbers of electromagnetic waves, or intrinsically conductive polymers, fluids and lubricating materials; Chemicals, which may be used as precursors for toxic chemical agents; Human pathogens, zoonoses and "toxins"; Animal pathogens; genetic elements and genetically modified organisms; plant pathogens; toxic chemicals and toxic chemical precursors  Eg. "Software" for the "development" of organic "matrix", metal "matrix" or carbon "matrix" laminates or "composites"; —Software specially designed for analysis of reduced observables such as radar reflectivity, ultraviolet/infrared signatures and acoustic signatures  Eg. "Technology" for the "development" or "production" of polybenzothiazoles or polybenzoxazoles; fluoroelastomer compounds containing at least one vinylether monomer;

## **Category 2 - Materials Processing**

Machine tools for milling, computer numerical controlled machines and components; reaction vessels or reactors, agitators, storage tanks, containers, distillation or absorption columns valves, multi-walled piping, multiple seal or seal-less pumps, crucibles, valves, robots, vibration test systems, vacuum pumps, chemical processing and handling equipment.

Systems, Equipment	Eg. Anti-friction bearings and bearing systems; Crucibles	126
and Components	made of materials resistant to liquid actinide metals	
Test Inspection and	Eg. Machine tools and any combination thereof, for	127
Production Equipment	removing (or cutting) metals, ceramics or "composites",	
	which, according to the manufacturer's technical	
	specification, can be equipped with electronic devices for	
	"numerical control", and specially designed components	
Materials	None	152
Software	Eg. "Software" for electronic devices, even when residing	152
	in an electronic device or system, enabling such devices or	
	systems to function as a "numerical control" unit, capable	
	of co-ordinating simultaneously more than four axes for	
	"contouring control"	
Technology	Eg. "Technology" for the "development" of interactive	153
	graphics as an integrated part in "numerical control" units	
	for preparation or modification of part programs;	
	hydraulic stretch-forming machines and dies therefor, for	
	the manufacture of airframe structures	

## **Category 3 - Electronics**

Microwave components, acoustic wave devices, high-energy devices, switching devices, detonators, certain integrated circuits, spectrometers electronic detonators, integrated circuits, microwave power modules and mass spectrometers.

Systems, Equipment	Eg. "Microprocessor microcircuits", "microcomputer	164

	1	
and Components	microcircuits", microcontroller microcircuits, storage	
	integrated circuits manufactured from a compound	
	semiconductor, analogue-to-digital converters, digital-to-	
	analogue converters, electro-optical or "optical integrated	
	circuits" designed for "signal processing", field	
	programmable logic devices, custom integrated circuits for	
	which either the function is unknown or the control status	
	of the equipment in which the integrated circuit will be	
	used is unknown, Fast Fourier Transform (FFT)	
	processors, electrical erasable programmable read-only	
	memories (EEPROMs), flash memories or static random-	
	access memories (SRAMs)	
Test Inspection and	Eg. Equipment for the manufacturing of semiconductor	189
Production Equipment	devices; Plasma enhanced Chemical Vapour Deposition	10)
Troduction Equipment	(CVD) equipment	
Materials	Eg. Hetero-epitaxial materials consisting of a "substrate"	191
Materials	having stacked epitaxially grown multiple layers; Organo-	171
	inorganic compounds; Hydrides of phosphorus, arsenic or	
	antimony; Silicon carbide (SiC), gallium nitride (GaN),	
	aluminium nitride (AlN) or aluminium gallium nitride	
	(AlGaN) "substrates", or ingots, boules, or other	
2.6	preforms of those materials	400
Software	Eg. 'Physics-based' simulation "software" specially	192
	designed for the "development" of lithographic, etching or	
	deposition processes for translating masking patterns	
	into specific topographical patterns in conductors,	
	dielectrics or semiconductor materials	
Technology	Eg. "Technology" for the "development" or "production" of	193
	a "microprocessor microcircuit", "microcomputer	
	microcircuit" or microcontroller microcircuit core	
Category 4 - Computer	r's	
*** 1 C		,
	outers, related electronic assemblies and other specially-design	
•	lardened computers, neural and optical computers and related	
equipment.		
Systems, Equipment	Eg. Electronic computers and related equipment and	196
and Components	"electronic assemblies"; "Digital computers", "electronic	170
and components	assemblies", and related equipment and specially designed	
	components; "Systolic array computers", "Neutral	
	computers", "hybrid computers", "optical computers"	
Test Inspection and		100
Test Inspection and	None	198
Production Equipment		400
Materials	None IS II I I I I I I I I I I I I I I I I	198
Software	Eg. Software specifically designed or modified for the	199
	"development", "production" or "use" of "digital	
	computers" having an "adjusted peak performance" or	
	"electronic assemblies" specifically designed or modified	
	for enhancing performance by aggregation of processors	
Technology	Eg. Technology specifically designed and modified for	199
	"digital computers" having an "adjusted peak	
	performance" or "electronic assemblies" specifically	
	designed or modified for enhancing performance by	
	uesigned or modified for enhancing performance by	

		T
	aggregation of processors	
Category 5- Telecomm	unications and Information Security	
	itions. Telecommunications systems, optical fibre cables, radio	
	uipment, and telemetry and telecontrol equipment. Part 2 – In	
Security (Cryptography	). Cryptographic equipment and communications cables system	ns.
Part 1- Telecommunicat	ione	
Systems, Equipment	Eg. Telecommunications equipment specifically designed	202
and Components	to withstand transitory electronic effects or	202
ana components	electromagnetic pulse effects; equipment hardened to	
	withstand gamma, neutron or ion radiation	
Test Inspection and	Eg. A transmission wavelength exceeding 1750 nm;	207
Production Equipment	Performing "optical amplification" using	
1. F	praseodymium-doped fluoride fibre amplifiers (PDFFA);	
	Employing coherent optical transmission or coherent	
	optical detection techniques (also called optical	
	heterodyne or homodyne techniques)	
Materials	None	208
Software	Eg. "Software" specially designed or modified for the	208
	"development" of equipment employing a "laser"; Radio	
	equipment employing Quadrature-Amplitude-Modulation	
	(QAM) techniques above level 256	
Technology	Eg. "Required" "technology" for the "development" or	208
	"production" of telecommunications equipment specially	
	designed to be used on board satellites; "laser"	
	communication techniques with the capability of	
	automatically acquiring and tracking signals and maintaining communications through exoatmosphere or	
	sub-surface (water) media	
Part 2 – Information Sec		
Systems, Equipment	Eg. Systems, equipment, application specific "electronic	214
and Components	assemblies", modules and integrated circuits for	211
ana domponento	"information security"	
Test Inspection and	Eg. Measuring equipment specially designed to evaluate	217
Production Equipment	and validate "information security"	
Materials	None	218
Software	Eg. "Software" specially designed or modified for the	218
	"development", "production" or "use" of goods specified in	
	this Category	
Technology	Eg. "Technology" for the "development", "production" or	218
	"use" of goods specified in this Category	
Category 6- Sensors ar	nd Lasers	
3.6		
	s, hydrophones, high-speed cameras, optical mirrors and lasers	s, imaging
cameras and magnetom	eters.	
Systems, Equipment	Eg. Acoustic systems, equipment and components; Marine	219
and Components	acoustic systems, equipment and specially designed	
	components; Optical sensors or equipment and	
	components; Cameras, systems or equipment, and	

	components	
Test Inspection and	Eg. Optical equipment; Equipment to produce, align and	259
Production Equipment	calibrate land-based gravity meters with a static	
	accuracy of better than 0.1 mgal; Pulse radar cross-section	
	measurement systems; Systems, specially designed for	
	radar cross section measurement usable for 'missiles' and	
	their subsystems	
Materials	Eg. Optical sensor materials; Single crystals (including	259
	epitaxial wafers); Synthetic crystalline "laser" host	
2 0	material in unfinished form	0.64
Software	Eg. "Software" specially designed for acoustic beam	261
	forming for the "real time processing" of acoustic data for	
P. J l	passive reception using towed hydrophone arrays	262
Гесhnology	Eg. Optical surface coating and treatment "technology",	263
	"required" to achieve an 'optical thickness' uniformity of	
	99.5% or better for optical coatings 500 mm or more in	
	diameter; "Technology" "required" for the "development",	
	"production" or "use" of specially designed diagnostic	
	instruments or targets in test facilities for "SHPL" testing	
	or testing or evaluation of materials irradiated by "SHPL"	
Category 7- Navigation	beams	
oceanographic and hydr	ographic surveying, encrypted global positioning systems.	
<u> </u>	ograpme our veying, enerypted groods poortioning eyetemen	
Systems, Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial	264
Systems, Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which	264
Systems, Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically	264
Systems, Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth	264
Systems, Equipment and Components	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc	
Systems, Equipment and Components  Test Inspection and	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment	264
Systems, Equipment and Components  Test Inspection and	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser"	
Systems, Equipment and Components  Test Inspection and	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise	
Systems, Equipment and Components  Fest Inspection and Production Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros	271
Systems, Equipment and Components  Test Inspection and Production Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None	271
Systems, Equipment and Components  Test Inspection and Production Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation	271
Systems, Equipment and Components  Test Inspection and Production Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems	271
Systems, Equipment and Components  Test Inspection and Production Equipment	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces	271
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems	271 272 272
	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment;	271
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control	271 272 272
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc  Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight	271 272 272
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight control, guidance, and propulsion data into a flight	271 272 272
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight control, guidance, and propulsion data into a flight management system for optimisation of rocket system	271 272 272
Systems, Equipment and Components  Fest Inspection and Production Equipment  Materials  Software	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight control, guidance, and propulsion data into a flight	271 272 272
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Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software  Technology  Category 8- Marine	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight control, guidance, and propulsion data into a flight management system for optimisation of rocket system trajectory	271 272 272 274
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software  Technology  Category 8- Marine Submersible vehicles, ur	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight control, guidance, and propulsion data into a flight management system for optimisation of rocket system	271 272 272 274
Systems, Equipment and Components  Test Inspection and Production Equipment  Materials Software  Technology  Category 8- Marine  Submersible vehicles, ur	Eg. Accelerometers; Gyros or angular rate sensors; Inertial systems; Gyro-astro compasses and other devices which derive position or orientation by means of automatically tracking celestial bodies or satellites, with an azimuth accuracy of equal to or less (better) than 5 seconds of arc  Eg. Test, calibration or alignment equipment; Equipment specially designed to characterise mirrors for ring "laser" gyros; Reflectometers specially designed to characterise mirrors, for "laser" gyros  None  Eg. "Source code" for the "use" of any inertial navigation equipment; "Source code" for hybrid integrated systems which improves the operational performance or reduces the navigational error of systems  Eg. Airborne automatic direction finding equipment; "Development" "technology" for "active flight control Systems"; "Technology" for the integration of the flight control, guidance, and propulsion data into a flight management system for optimisation of rocket system trajectory	271 272 272 274

Test Inspection and	Eg. Water tunnels having a background noise of less than	284
Production Equipment	100 dB (reference 1 μPa, 1 Hz), in the frequency range	
	from 0 to 500 Hz and designed for measuring acoustic	
	fields generated by a hydro-flow around propulsion	
	system models	
Materials	Eg. 'Syntactic foam' designed for underwater use	284
Software	Eg. Specific "software" specially designed or modified for	284
	the "development", "production", repair, overhaul or	
	refurbishing (re-machining) of propellers specially	
	designed for underwater noise reduction	
Technology	Eg. "Technology" for the "development", "production",	284
	repair, overhaul or refurbishing (re-machining) of	
	propellers specially designed for underwater noise	
	reduction	
<b>Category 9- Aerospace</b>	and Propulsion	
_	bine engines, liquid rocket propulsion systems, unmanned aer	
	notors, missiles, re-entry vehicles, UAVs, rocket motors, ramjet	engines,
sounding rockets and ac	oustic vibration test equipment.	
Systems, Equipment	Eg. Aero gas turbine engines; 'Marine gas turbine engines';	285
and Components	Space launch vehicles and "spacecraft"; Liquid rocket	
	propulsion systems; Solid rocket propulsion systems;	
	Spraying or fogging systems	
Test Inspection and	Eg. Equipment, tooling and fixtures, specially designed for	293
Production Equipment	manufacturing gas turbine blades, vanes or tip shroud	
	castings; On-line (real time) control systems,	
	instrumentation (including sensors) or automated data	
	acquisition and processing equipment	
Materials	Eg. "Insulation" material in bulk form and "interior lining",	296
	for rocket motor cases usable in "missiles" or specially	
	designed for 'missiles'; Resin impregnated fibre prepregs	
	and metal coated fibre preforms for composite structures,	
	laminates and manufactures, made either with organic	
	matrix or metal matrix utilising fibrous or filamentary	
	reinforcements	
Software	Eg. "Software" specially designed to control directional	297
	solidification or single crystal casting; "Software" specially	
	designed to design the internal cooling passages of	
	aero gas turbine blades, vans and tip shrouds	
Technology	Eg. "Technology" "required" for the "development" or	298

Note 1 - Each of the above Dual-Use Goods categories (0-9), has the following divisions:

"production" of helicopter power transfer systems or tilt rotor or tilt wing "aircraft" power transfer systems

A – Systems, Equipment and Components

B – Test, Inspection and Production Equipment

C - Materials

- D Software
- E Technology
- Note 2 Materials, software and technology related to controlled goods are also controlled.

Note 3 - Terms with specific meaning are enclosed in double quotation marks where they appear throughout the DSGL document. An index of these terms appears in the front pages of the DSGL document