



Department  
for Business  
Innovation & Skills

# International Export Control Regimes

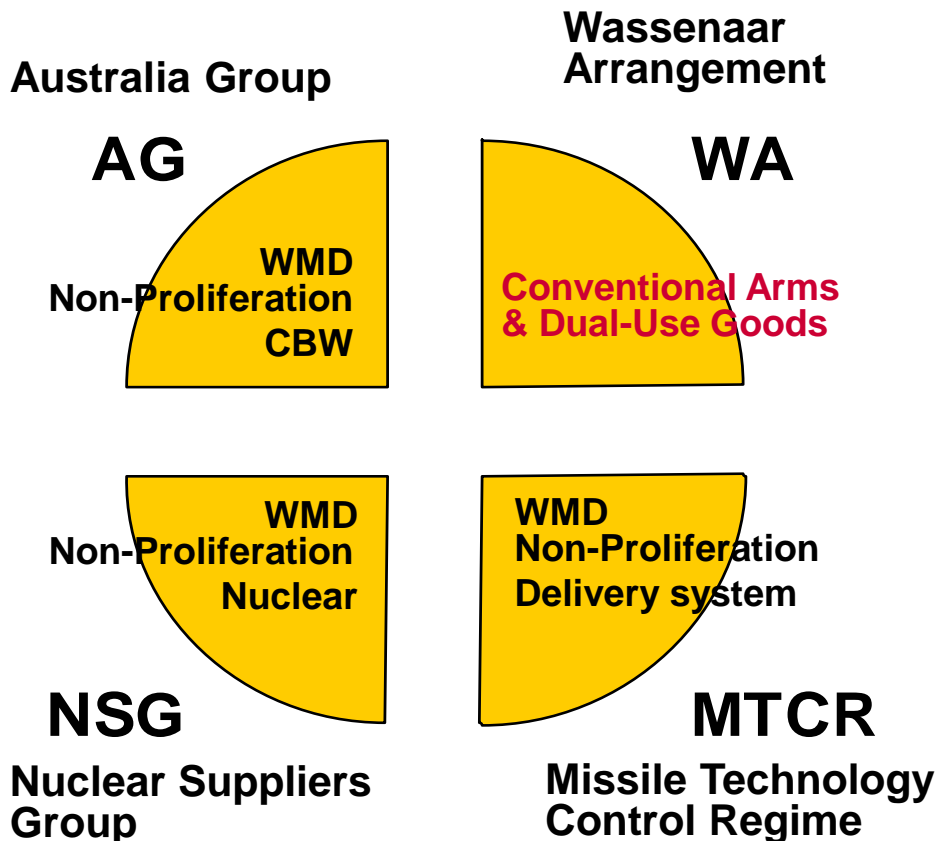
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Export Control Organisation



# International Export Control Regimes

Four Regimes are:

Common elements:



- Maintain lists of controlled items (feed into Strategic Export Control Lists)
- Share information
- Hold regular meetings
- International Delegations



# Wassenaar Arrangement



## Key Facts:

- Founded 1996
- 41 Participating States (Mexico joined 2012)
- Voluntary group of countries focussed on controlling export of conventional weapons, military and dual-use goods.
- Controls based on two lists (which feed updates to the Strategic Export Control Lists):
  - Munitions List
  - List of Dual-Use Goods and Technology
- Approx 70% of ECO licences derive from items that Wassenaar have agreed to control





# Missile Technology Control Regime



## Key Facts

- Existed since 1987
- 34 member states
- Voluntary group of countries focussed on preventing the proliferation of unmanned delivery systems for WMD including transfers.
- Maintains list of goods, software and technology in Technical Annex
  - Category I deals with long range missiles, UAVs and sub-assemblies;
  - Category II is a mix of dual-use and military goods (listed on EU Dual Use List)





# MTCR – Annex Controlled Items

- Rocket engines & small gas turbines – Items 2 and 3
- Metal powders for propellants – Item 4
- Ceramics and carbon fibre – Item 6
- Accelerometers and gyroscopes – Item 7
- Inertial navigation equipment – Item 7
- Precision tracking systems – Item 11
- Vibration test equipment – Item 15
- Telemetry equipment – Item 12
- Wind tunnels – Item 15
- Isostatic Presses – Item 6



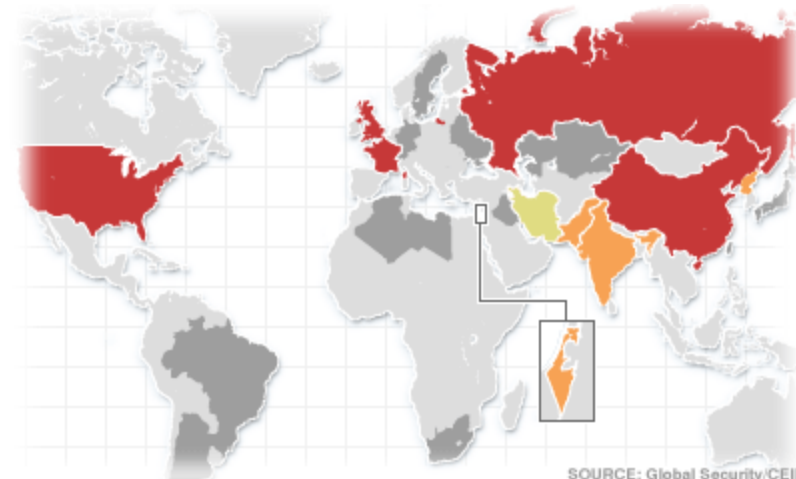
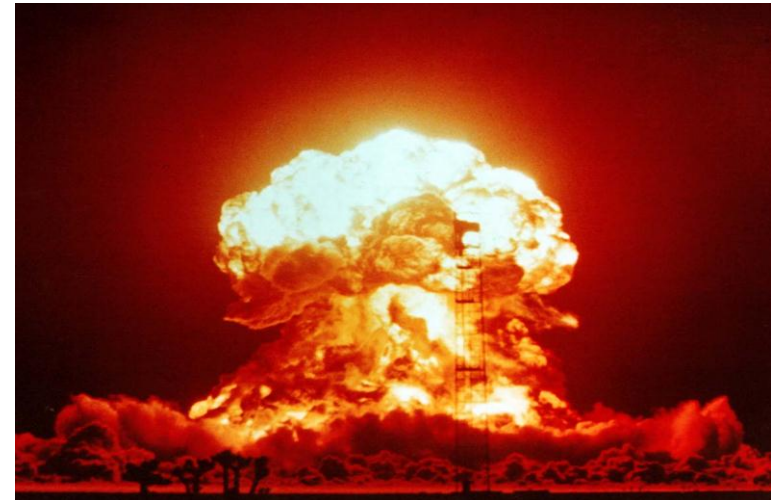


# Nuclear Suppliers Group



## Key Facts

- Established 1975
- 46 Participating Governments [PGs] (European Commission as observer)
- Voluntary group of countries focussed on meeting nuclear non-proliferation objectives
- Two lists of goods (which feed into updates to the EU Dual Use List, listed in Annex I and Trigger List also in Annex IV):
  - Trigger List (i.e., items “triggered” need for IAEA safeguards)
  - Dual-Use List



Click on a country to find out more

- Countries with nuclear weapons
- Have nuclear weapons - not members of Non-Proliferation Treaty
- "High risk" countries
- Formerly had nuclear weapons/programme



# NSG – Controlled Items

- Machine tools
- Isostatic Presses
- Neutron generators
- Maraging steel
- Crucibles
- Filament Winding Machines
- Zirconium
- Hafnium
- Mass Spectrometers
- Pressure sensors/transducers
- Lithium/Boron/Beryllium
- Capacitors (high energy)



# Australia Group

## The Australia Group

### Key Facts

- Established 1985
- 40 participating states (all signatories of the Chemical Weapons Convention)
- Voluntary group of countries focussed on ensuring exports do not contribute to the development of chemical or biological weapons.
- CWC contains a detailed list of chemicals. These are not considered dual-use and appear in ML7 in the UK's Military List







# Australia Group – Controlled Items

- Chemicals used as precursors for toxic chemical agents
- Certain human pathogens
- Certain animal and plant pathogens
- Certain genetically modified micro-organisms
- Pumps and valves
- Double or multi-walled piping
- Fermentation vessels
- Distillation columns
- Vessels/equipment – corrosion resistant
- Biological containment facilities
- Freeze drying equipment
- Continuous flow cartridges
- Incinerators designed to destroy chemicals



## Key Regime Developments

- NSG - Fundamental Review completed in 2013
- MTCR – Issue of definition of UAVs
- WA – Looking at fundamental change in parameters used for the control for machine tools
- WA – Desire for a complete review of Information Security controls (Cat5 Pt2)
- WA – More work expected on new controls under the ‘cyber’ umbrella
- Continuing to review ‘specially designed’ and ‘designed’



End Use Controls

EU Dual Use List

UK Dual Use & Explosives List

Military List

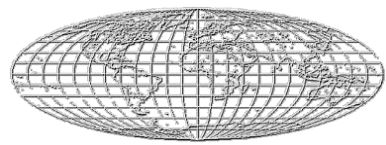
Council Regulation (EC) No 428/2009

Export Control Order 2008  
S.I. 2008/3231

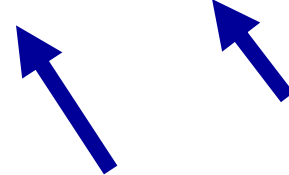
 EC Regulation

Australia Group  
CWC BTWC

NSG  
MTCR

  
Wassenaar Arrangement

 UK National Controls





## Regimes - Revision of Control Lists

- Revision to EU Control List of Dual-Use items was finally adopted in late October.
- It includes Regime changes from 2011, 2012 and 2013
- In the absence of objections from the Council and Parliament, it will be published (tentatively) in the Official Journal on 30 December 2014 and should enter into force on 31 December 2014.
- Link - <http://ec.europa.eu/transparency/regdoc/rep/3/2014/EN/3-2014-7567-EN-F1-1-ANNEX-1.Pdf>



# Some Highlights

0B001.b.13., a., & b.	NSG12	Control for frequency changers (converter & inverter) amended; 2 subparagraphs deleted.
1A005. a. & b.	WA11	Control entry for body armour amended; 2 new sub-entries added.
2B001.c.1.a. & footnote	WA11 & WA12	Grinding machine tool control amended; refers to ISO 230/2 (2006); new parameter.
3A001.b.2.a.1., a.2., a.3., a.4. b.1., b.2. c. d. e. f. g. h & Note 2.	WA13	Control entry for MMIC power amplifiers completely re-written; Note 2 amended.
3A225, a., b., c., NB 1 & 2, Note & Tech Note 2	NSG12	Control chapeau for frequency changers amended; control parameters in sub-paragraphs amended, including the removal of harmonic distortion parameter; new Nota Bene for software & technology; new decontrol Note for certain constrained equipment; new Technical Note 2 with original renamed 1.
4A005	WA13	New control entry for equipment for intrusion software.
5A001.i., N.B., Note & Tech Note	WA11	New control entry for telecommunications monitoring/ interception equipment; including Nota Bene, Note and Technical Note.
Cat 5 Pt 2. Note 3., a.1., 2., 3., 4., b.1., 2., 3., 4. & Note1., a., b. & 2.	WA12	Cryptography Note re-written and moved into sub-paragraph a.; New paragraph b. for components, includes sub-paragraphs 1. to 4.; New Note relating to the CN added.
6A005.b.4.a.1., a.2., b.1. & b.2.	WA13	Laser control entry re-written with original sub-paragraphs a. & b. now b.1. & b.2.
6A203.a., b., c., N.B.1 & 2, Note & Tech Note	NSG13	Controls for fast acting cameras rewritten; new Nota Benes, Note and Technical Note; Annex IV reference amended.
7A003.1.a., b., c., d. & NB, Notes & Technical Notes.	WA13	Control entry on Inertial Measurement equipment completely re-written; 3 new Notes & 4 new Technical Notes.
9A101.a.1., a.2. & Tech Note	MTCR12 & 13	Control entry for turbo jet and turbo fan engines amended to include a local definition; new Technical Note.