APPROVED 1540 COMMITTEE MATRIX

The information in the matrices originates primarily from national reports and is complemented by official government information, including that made available to inter-governmental organizations. The matrices are prepared under the direction of the 1540 Committee.

The 1540 Committee intends to use the matrices as a reference tool for facilitating technical assistance and to enable the Committee to continue to enhance its dialogue with States on their implementation of Security Council Resolution 1540.

The matrices are not a tool for measuring compliance of States in their non-proliferation obligations but for facilitating the implementation of Security Council Resolutions 1540 (2004), 1673 (2006), 1810 (2008), 1977 (2011), 2055 (2012) and 2325 (2016). They do not reflect or prejudice any ongoing discussions outside of the Committee, in the Security Council or any of its organs, of a State's compliance with its non-proliferation or any other obligations. Information on voluntary commitments is for reporting purpose only and does not constitute in any way a legal obligation arising from resolution 1540 or its successive resolutions.

Matrix entries are only indicators of fact and not indicators of the degree of compliance under resolution 1540 (2004) and its successor resolutions. Thus:

An "X" in any data field signifies only that the 1540 Committee considers that a State has taken the steps required, and/or has provided specific references to the applicable legal basis or executive behaviour as evidence of such steps. An "X" against any data field does not necessarily signify that a State has met in full its 1540 obligations for that data field.

A "?" in any data field signifies that the references to legislative or other measures may not be directly relevant or are incomplete.

A "NA" (Not Applicable) in any data field signifies that the data field is not applicable to that State where through legally binding instruments States specified that they do not possess related materials or facilities.

A blank in any data field signifies that there is insufficient information available to enter an "X" or "?" against a particular data field.

State: United Kingdom of Great Britain and Northern Ireland

Date of Report: 28 September 2004
Dates of Additional Reports: 19 September 2005

14 December 2007 13 December 2013

Date of Approval: 9 December 2020

I. OP 1 and related matters from OP 5, OP 8 (a), (b), (c) and OP10

inst	nerence to legally binding truments, membership of ganisations, participation in arrangements and statements made.	Relevant information (i.e., signing, deposit of instrument of accession, ratification, etc)								
1	Nuclear Non- Proliferation Treaty (NPT)	Deposit 27 November 1968								
2	Nuclear Weapons Free Zone/ Protocol(s)	Treaty of Tlatelolco: Deposit 19 December 1969 Treaty of Rarotonga: Deposit 19 September 1997 Treaty of Pelindaba: Deposit 12 March 2001								
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 24 September 2009								
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 6 September 1991								
5	2005 Amendment to the CPPNM	Deposit 8 April 2010								
6	Comprehensive Nuclear- Test-Ban Treaty (CTBT) (not in force)	Deposit 5 April 1998								
7	Chemical Weapons Convention (CWC)	Deposit 13 May 1996								
8	Biological Weapons Convention (BWC)	Deposit 26 March 1975								
9	Geneva Protocol of 1925	Deposit 9 April 1930								
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 7 March 2001								

11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 7 March 2001	
12	2005 Protocol to the Convention for the suppression of unlawful acts against the safety of maritime navigation	Signed 23 January 2007	
13	2005 Protocol to the Protocol for the suppression of unlawful acts against the safety of fixed platforms located on the continental shelf	Signed 23 January 2007	
14	2010 Convention on the Suppression of Unlawful Acts Relating to International Civil Aviation	Signed 10 September 2010	
15	Other relevant regional legally binding instruments	EURATOM Treaty	
16	International Atomic Energy Agency (IAEA)	Since 1957	
17	Directly relevant Arrangements	Nuclear Suppliers Group (NSG) Australia Group (AG) Missile Technology Control Regime (MTCR) Zangger Committee (ZC) Wassenaar Arrangement (WA) Proliferation Security Initiative (PSI) Global Initiative to Combat Nuclear Terrorism (GICNT)	
18	Statement on non- provision of WMD and related materials to non-State actors	State reports that its National Security Strategy identified as a priority risk: International terrorism affecting the UK or its interests, including a chemical, biological, radiological or nuclear attack by terrorists. The UK National Counter Proliferation Strategy sets the framework for cross-government action to mitigate this risk. Agreed by the National Security Council, it has among its key objectives to deny terrorists the materials and expertise to make and use weapons of mass destruction.	

19	Membership in relevant international, regional or sub-regional organisations	Revised Cotonou Partnership Agreement (the CPA II) World Organisation for Animal Health (OIE), World Health Organization (WHO), World Customs Organization (WCO), INTERPOL, International Maritime Organization (IMO), Financial Action Task Force (FATF), European Union (EU), Organization for Security and Cooperation in Europe (OSCE)	
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II. OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

	National legislation which rohibits persons or entities				<u>N</u> ational legal framework			<u>E</u> n	forcement and civil/criminal penalties	
-	to engage in one of the	_	X /?	_	Source document of national implementation		x /?	T		Remarks
1	ollowing activities and its enforcement	N W	C W	B W	law	N W	c W	B W	Source document	
1	manufacture	x	x	x	NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (A person who develops or produces, or participates in the development or production of, a nuclear weapon; Has a nuclear weapon in his possession; Participates in the transfer of a nuclear weapon; or Engages in military preparations, or in preparations of a military nature, intending to use, or threaten to use, a nuclear weapon, is guilty of an offence). Terrorism Act (2006), Section 9 (prohibits the production, with intention to use, of radioactive materials or devices for the preparation of an act of terrorism or the purposes of terrorism) CW: Chemical Weapons Act (1996), Article 2 (Use etc. of chemical weapon; Develop or produce a chemical weapon; Have a chemical weapon in his possession; Participate in the transfer of a chemical weapon; Engage in military preparations, or in preparations of a military nature, intending to use a chemical weapon)	X	x	x	NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life) Terrorism Act (2006), Section 14 CW: Chemical Weapons Act (1996), Article 2 (A person contravening this section is guilty of an offence and liable on conviction on indictment to imprisonment for life)	
					BW: Biological Weapons Act (BWA) 8 February 1974, Chapter 6 - Section 1 (No person shall develop, produce, stockpile, acquire or retain: Any biological agent or toxin of a type and in a quantity that has no justification for prophylactic, protective or other peaceful purposes; or Any weapon, equipment or				BW: Biological Weapons Act 8 February 1974, Chapter 6 - Section 1 (Any person contravening this section shall be guilty of an offence and shall, on conviction on indictment, be liable to imprisonment for life)	

					means of delivery designed to use biological agents or toxins for hostile purposes or in armed conflict)				
					NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47(4)(a) (Buy, acquire)				NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life)
2	acquire	x	х	х	CW: Chemical Weapons Act (1996), Article 2(1)(d), 2(4) and 2(5)	х	x	x	CW: Chemical Weapons Act (1996), Article2 (A person contravening this section is guilty of an offence and liable on conviction on indictment to imprisonment for life)
					BW: Biological Weapons Act (BWA) 8 February 1974, Chapter 6 - Section 1 (Acquire)				BW: Biological Weapons Act 8 February 1974, Chapter 6 - Section 1 (Any person contravening this section shall be guilty of an offence and shall, on conviction on indictment, be liable to imprisonment for life)
					NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (Has a nuclear weapon in his possession) Terrorism Act (2006), Sections 9 (prohibits the and possession, with intention to use, of radioactive materials or devices for the preparation of an act of terrorism or the purposes of terrorism)				NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life) Terrorism Act (2006), Section 14
3	possess	X	Х	X	CW: Chemical Weapons Act (1996), Article 2 (Have a chemical weapon in his possession)	х	X	X	CW: Chemical Weapons Act (1996), Article 2 (A person contravening this section is guilty of an offence and liable on conviction on indictment to imprisonment for life)
					BW: Biological Weapons Act (BWA) 8 February 1974, Chapter 6 - Section 1 (retain)				BW: Biological Weapons Act 8 February 1974, Chapter 6 - Section 1 (Any person contravening this section shall be guilty of an offence and

									shall, on conviction on indictment, be liable to imprisonment for life)
					NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (Develops)				NW: Anti-terrorism, Crimes and Security Act (2001) - ATCSA, Article 47 (A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life)
4	develop	x	Х	x	CW: Chemical Weapons Act (1996), Article 2 (Develop a chemical weapon)	х	x	x	CW: Chemical Weapons Act (1996), Article 2 (A person contravening this section is guilty of an offence and liable on conviction on indictment to imprisonment for life)
					BW: Biological Weapons Act (BWA) 8 February 1974, Chapter 6 - Section 1 (No person shall develop)				BW: Biological Weapons Act 8 February 1974, Chapter 6 - Section 1 (Any person contravening this section shall be guilty of an offence and shall, on conviction on indictment, be liable to imprisonment for life)
					NW: Regulations by Office for Civil Nuclear Security (OCNS) in accordance with Nuclear Industries Security Regulations (NISR) 2003, Article 13				NW: Nuclear Industries Security Regulations (NISR) 2003, Article 25
5	transport	х	X	X	CW: Chemical Weapons Act (1996) as amended by Anti-terrorism, Crime and Security Act (2001) Section 46 (Proceedings for a chemical weapons offence may be instituted by order of the Commissioners of Customs and Excise if it appears to them that the offence has involved the movement of a chemical weapon into or out of any country or territory) Carriage of Dangerous Goods Regulations include security standards of Transport Security and Contingencies (TRANSEC) European Commission security measures for rail and road transports.	X	х	X	CW: Chemical Weapons Act (1996) as amended by the Anti-terrorism, Crime and Security Act (2001)
					BW: Biological Weapons Act 8 February 1974 as				BW: Biological Weapons Act 8 February 1974,

					amended by Anti-terrorism, Crime and Security Act (2001), Article 45 (movement of any such thing into or out of any country or territory) Carriage of Dangerous Goods Regulations include security standards of Transport Security and Contingencies (TRANSEC)				Article 1B, as amended by Anti-terrorism, Crime and Security Act (2001)
					NW: Anti-terrorism, Crimes and Security Act (2001)				NW: Anti-terrorism, Crimes and Security Act (2001) A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life
6	transfer	X	x	x	CW: Chemical Weapons Act (1996), Article 2 BW: Biological Weapons Act (1974) Chapter 6 Section 1 as amended by the Anti-terrorism, Crime and Security Act (2001), Sections 43 and 44 (A person shall not transfer any biological agent or toxin to another person)	X	x	x	CW: Chemical Weapons Act (1996), Article 2 BW: Biological Weapons Act (1974) (Any person contravening this section shall be guilty of an offence and shall, on conviction on indictment, be liable to imprisonment for life) Anti-terrorism, Crime and Security Act (2001), Section 43
7	use	x	х	x	NW: Anti-terrorism, Crimes and Security Act (2001), Article 47 (causes a nuclear weapon explosion) Terrorism Act (2006) Section 10 CW: Chemical Weapons Act (1996), Article 2 as amended by the Anti-Terrorism, Crime and Security Act (2001), Section113 (involves the use of a noxious substance or other noxious thing - places any substance or other thing in any place- For the purposes of sections 113 and 114 "substance" includes any biological agent and any other natural or artificial substance (whatever its form, origin or method of production))	x	x	х	NW: Anti-terrorism, Crimes and Security Act (2001) (A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life) Terrorism Act (2006) Section 14 CW: Chemical Weapons Act (1996), Article 2 as amended by Anti-Terrorism, Crime and Security Act (2001), Section 113

					BW: Anti-Terrorism, Crime and Security Act (2001), Section 113 (involves the use of a noxious substance or other noxious thing - places any substance or other thing in any place - For the purposes of sections 113 and 114 "substance" includes any biological agent and any other natural or artificial substance (whatever its form, origin or method of production))				Anti-terrorism, Crime and Security Act (2001), Section 113 (A person guilty of an offence under this section is liable - On summary conviction, to imprisonment for a term not exceeding six months or a fine not exceeding the statutory maximum (or both); and On conviction on indictment, to imprisonment for a term not exceeding fourteen years or a fine (or both).
8	attempt to engage in abovementioned activities	х	X	x	NW: Anti-Terrorism, Crime and Security Act (2001) Section 53 CW: Chemical Weapons Act (1996), Article 30A BW: Biological Weapons Act (1974) Chapter 1B, Anti-Terrorism, Crime and Security Act (2001) Section 50	X	X	X	NW: Anti-Terrorism, Crime and Security Act (2001) Section 47 CW: Chemical Weapons Act (1996), Article 2 as amended by Anti-Terrorism, Crime and Security Act (2001), Section 113 BW: Anti-Terrorism, Crime and Security Act (2001) Section 45
9	participate as an accomplice in abovementioned activities	x	х	x	NW: Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the Anti-terrorism, Crimes and Security Act (2001)) - ATCSA, Article 47 (A person who participates in the development or production of a nuclear weapon) CW: Anti-terrorism, Crime and Security Act (2001) Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the ATCSA (2001)) BW: Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the Biological Weapons Act Biological Weapons Act (1974))	х	х	X	NW: Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the Anti-terrorism, Crimes and Security Act (2001)) (A person guilty of an offence under this section is liable on conviction on indictment to imprisonment for life) CW: Anti-terrorism, Crime and Security Act (2001) Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the ATCSA (2001)) BW: Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the Biological Weapons Act (1974))

					Anti-terrorism, Crime and Security Act 2001 (includes an offence of aiding, abetting, counselling, procuring or inciting the commission of, or attempting or conspiring to commit, such an offence)				Anti-terrorism, Crime and Security Act (2001): extraterritorial applicability only
10	assist in abovementioned activities	x	х	x	NW: Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the ATCSA Anti-terrorism, Crimes and Security Act (2001), Section 50) CW: Anti-terrorism, Crime and Security Act (2001) Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the ATCSA (2001), Section 50) BW: Biological Weapons Act (1974) Anti-terrorism, Crime and Security Act (2001), Section 50: (A person who aids, abets, counsels or procures, or incites, a person who is not a United Kingdom person to do a relevant act outside the United Kingdom is guilty of an offence - section 1 of the Biological Weapons Act 1974 (offences relating to biological agents and toxins) Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the Biological Weapons Act (1974))	x	х	x	NW: Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the ATCSA Anti-terrorism, Crimes and Security Act (2001), Section 50) CW: Anti-terrorism, Crime and Security Act (2001) Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the ATCSA (2001), Section 50) BW: Biological Weapons Act (1974) Anti-terrorism, Crime and Security Act (2001), Section 50: extraterritorial applicability only Accessories and Abettors Act 1861 (aid, abet, procure or counsel a prohibited activity under the Biological Weapons Act (1974))
11	finance abovementioned activities	x	x	x	NW: Anti-terrorism, Crime and Security Act (2001), Article 47 CW: Chemical Weapons Act (1996), Article 2(5)(a) as amended by Anti-terrorism, Crime and Security Act (2001) (acquiring is an offence; acquiring an object includes buying it)	?	?	?	NW: Anti-terrorism, Crime and Security Act (2001) (Financial sanctions and criminalizations related to Security Council sanctions obligations) CW: Anti-terrorism, Crime and Security Act (2001) (Financial sanctions and criminalisation related to Security Council sanctions obligations)

					BW: Biological Weapons Act (1974), Article 1 as amended by Anti-terrorism, Crime and Security Act (2001), Article 45 ("aiding and abetting")				BW: Anti-terrorism, Crime and Security Act (2001) (Financial sanctions and criminalizations related to Security Council sanctions obligations)
12 activ	ovementioned ivities related to ans of delivery ¹	X	х	х	NW: Anti-terrorism, Crimes and Security Act (2001) CW: Chemical Weapons Act (1996) BW: Biological Weapons Act 8 February 1974, Chapter 6 - Section 1 ((b) (Any weapon, equipment or means of delivery designed to use biological agents or toxins for hostile purposes or in armed conflict)	х	x	x	NW: Anti-terrorism, Crimes and Security Act (2001) CW: Chemical Weapons Act (1996) BW: Biological Weapons Act (1974), Chapter 6, Section 1

^{1.} Means of delivery: missiles, rockets and other unmanned systems capable of delivering nuclear, chemical, or biological weapons that are specially designed for such use.

III. OP 3 (a) and (b) - Account for/Secure/Physically protect NW, CW and BW, including Related Materials ²

	es to establish ntrols to prevent			<u>N</u> ati	ional legal and/or regulatory framework			<u>E</u> 1	nforcement and civil/criminal penalties	
BW, and delivery;	ation of NW, CW, their means of controls over d materials	N W	1 1 1 1 1 1 1 1 1 1 1 1		Source document		X /? N C B W W W		Source document	Remarks
1 Measur product	res to account for tion	X	X	X	NW: EURATOM Treaty, Chapter VII Atomic Energy Act, 1946, Article 4 Safeguards INFCIRC/263 and Add.1 Commission Regulation (EURATOM) No. 302/2005 CW: Chemical Weapons Act (1996), Sections 19 (restriction on use) and 20 (licence granted by the Secretary of State). Licence holders are required to account for their production, use and stocks of any Schedule 1 chemicals on their site. CWC National Authority inspects and maintains accounts for all Schedule 1,2 and 3 chemicals BW: Anti-terrorism, Crimes and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin). Schedule 5 to the Anti-terrorism, Crime and Security Act 2001 (Modification) Order 2007.	X	X	X	NW: Atomic Energy Act, 1946, Article 14 CW: Chemical Weapons Act (1996), Sections 19 and 20 BW: The European Centre for Disease Prevention and Control (ECDC) has established a biorisk expert group project in addition to coordinating "laboratory biosafety and biosecurity efforts across Europe" as part of its Microbiology Cooperation – Biosafety mission and projects Department of Health and Health Protection Agency Anti-terrorism, Crimes and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin). Schedule 5 to the Anti-terrorism, Crime and Security Act 2001 (Modification) Order 2007.	

2	Measures to account for use	X	x	x	NW: EURATOM Treaty, Chapter VII Safeguards Commission Regulation (EURATOM) No. 302/2005 INFCIRC/263 and Add.1 Atomic Energy Act, 1946, Article 4 CW: Chemical Weapons Act (1996) Sections 19 (restriction on use) and 20 (licence granted by the Secretary of State). Licence holders are required to account for their production, use and stocks of any Schedule 1 chemicals on their site. CWC National Authority inspects and maintains accounts for all Schedule 1,2 and 3 chemicals BW: Anti-terrorism, Crimes and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin). Schedule 5 to the Anti-terrorism, Crime and Security Act 2001 (Modification) Order 2007.	x	X	X	NW: Atomic Energy Act, 1946, Article 14 Nuclear Material (Offences) 1983 CW: Chemical Weapons Act (1996) BW: The ECDC has established a biorisk expert group project in addition to coordinating "laboratory biosafety and biosecurity efforts across Europe" as part of its Microbiology Cooperation — Biosafety mission and projects Department of Health and Health Protection Agency Anti-terrorism, Crimes and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin). Schedule 5 to the Anti-terrorism, Crime and Security Act 2001 (Modification) Order 2007.	
3	Measures to account for storage	x	Х	х	NW: EURATOM Treaty, Chapter VII Safeguards Commission Regulation (EURATOM) No. 302/2005 INFCIRC/263 and Add.1 Atomic Energy Act, 1946, Article 4 CW: Chemical Weapons Act (1996) Sections 19 (restriction on use) and 20 (licence granted by the Secretary of State). Licence holders are required to account for their production, use	x	x	X	Atomic Energy Act, 1946, Article 14 Nuclear Material (Offences) 1983 Terrorism Act (2006), Sections 9 and 10 CW: Chemical Weapons Act (1996)	

					and stocks of any Schedule 1 chemicals on their site. CWC National Authority inspects and maintains accounts for all Schedule 1,2 and 3 chemicals BW: Anti-terrorism, Crimes and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin) Schedule 5 to the Anti-terrorism, Crime and Security Act 2001 (Modification) Order 2007				BW: The ECDC has established a biorisk expert group project in addition to coordinating "laboratory biosafety and biosecurity efforts across Europe" as part of its Microbiology Cooperation – Biosafety mission and projects Department of Health and Health Protection Agency Anti-terrorism, Crimes and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin) Schedule 5 to the Anti-terrorism, Crime and Security Act 2001 (Modification) Order 2007	
4	Measures to account for transport	х	x	x	NW/CW/BW: European agreement concerning the international carriage of dangerous goods by road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) NW: Regulations by Office for Civil Nuclear Security (OCNS) in accordance with Nuclear Industries Security Regulations (NISR) 2003	x	х	x	NW/CW/BW: European Agreement concerning the international carriage of dangerous goods by road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) NW: Anti-terrorism, Crimes and Security Act (2001)	
					CW: The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 ("CDG 2009"), SI 2009 No 1348 [1] SQAS System (Industry code) BW: The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 ("CDG 2009"), SI 2009 No 1348 [1]				CW: The Regulations implement ADR [2] 2009 BW: The Regulations implement ADR [2] 2009	

5	Measures to secure production	X	x	x	NW: Nuclear Industries Security Regulations (2003) CW: Chemical Weapons Act (1996), Section 20 BW: Anti-terrorism, Crime and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin). Statutory Instrument 2007, No. 926, The part 7 of the Anti-terrorism, Crime and Security Act 2001 (Extension to Animal Pathogens) Order 2007 Anti-terrorism, Crimes and Security Act, as amended by the Order 2007 (security of the toxins and pathogens listed in Schedule 5 (harmful for human and animal health))	x	x	x	NW: Protection by Civil Nuclear Constabulary (CNC) - relates only to civil sites/material. The Ministry of Defence Police (MDP) perform a similar job in relation to defence sites/material. Terrorism Act (2006), Section 9 implements the UN convention for the Suppression of Acts of Nuclear terrorism CW: Anti-terrorism, Crime and Security Act (2001): notify police of holding of specified toxins and to comply with security requirements imposed by authorities BW: The ECDC has established a biorisk expert group project in addition to coordinating "laboratory biosafety and biosecurity efforts across Europe" as part of its Microbiology Cooperation — Biosafety mission and projects Department of Health and Health Protection Agency Anti-terrorism, Crime and Security Act (2001): notify police of holding of specified disease- causing micro-organisms and toxins and to comply with security requirements imposed by authorities	
6	Measures to secure use	X	х	x	Nw: Nuclear Industries Security Regulations (2003) Cw: Chemical Weapons Act (1996), Section 20	x	X	Х	NW: Protection by Civil Nuclear Constabulary (CNC) - relates only to civil sites/material. The Ministry of Defence Police (MDP) perform a similar job in relation to defence sites/material. Nuclear Material (Offences) Act (1983) Terrorism Act (2006), Section 9 implements the UN convention for the Suppression of Acts of Nuclear Terrorism) CW: Anti-terrorism, Crime and Security Act (2001 (notify police of holding of specified toxins and to comply with security requirements imposed by authorities)	

					BW: Anti-terrorism, Crime and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin). Statutory Instrument 2007, No. 926, The part 7 of the Anti-terrorism, Crime and Security Act 2001 (Extension to Animal Pathogens) Order 2007 Anti-terrorism, Crimes and Security Act, as amended security of the toxins and pathogens listed in Schedule 5 (harmful for human and animal health)				BW: The ECDC has established a biorisk expert group project in addition to coordinating "laboratory biosafety and biosecurity efforts across Europe" as part of its Microbiology Cooperation — Biosafety mission and projects Department of Health and Health Protection Agency Anti-terrorism, Crime and Security Act (2001 (notify police of holding of specified disease-causing micro-organisms and toxins and to comply with security requirements imposed by authorities)	
					NW: Nuclear Industries Security Regulations (2003)				NW: Protection by Civil Nuclear Constabulary (CNC) - relates only to civil sites/material. The Ministry of Defence Police (MDP) perform a similar job in relation to defence sites/material. Nuclear Material (Offences) Act (1983) Terrorism Act (2006), Section 9 implements the UN convention for the Suppression of Acts of Nuclear terrorism	
7	Measures to secure storage	x	x	х	CW: Chemical Weapons Act (1996), Section 20 Regulation 24 of the Carriage of Dangerous Goods by Road Regulations (1996) as amended Code of Practice for the security of dangerous goods by road (regulations when stopped/parked)	x	x	X	CW: Anti-terrorism, Crime and Security Act (2001) (notify police of holding of specified toxins and to comply with security requirements imposed by authorities)	
					BW: Directive 2000/54/EC, Annex 5 (Secure storage of containment level 4 agents) Anti-terrorism, Crime and Security Act (2001), Section 59 (notify Home Office of holding/use of any Schedule 5 biological agent or toxin) Statutory Instrument 2007, No. 926, The part 7 of the Anti-terrorism, Crime and Security Act 2001 (Extension to Animal Pathogens) Order 2007 Anti-terrorism, Crimes and Security Act, as				BW: The ECDC has established a biorisk expert group project in addition to coordinating "laboratory biosafety and biosecurity efforts across Europe" as part of its Microbiology Cooperation — Biosafety mission and projects Department of Health and Health Protection Agency Anti-terrorism, Crime and Security Act (2001) (notify police of holding of specified disease-causing micro-organisms and toxins and to	

					amended by the Order 2007 (security of the toxins and pathogens listed in Schedule 5 (harmful for human and animal health))				comply with security requirements imposed by authorities)
					NW/CW/BW: EU Directive 2008/68/EC of 24 September 2008 on the inland transport of dangerous goods (implementing ADR, RID and ADN), as amended				NW/CW/BW: European Agreement concerning the international Carriage of dangerous goods by road (ADR), Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (AND)
	Measures to secure				NW: Nuclear Industries Security Regulations (2003)		x x x x		NW: OCNS approved security plans required Protection by Civil Nuclear Constabulary F158l. Nuclear Material (Offences) Act (1983)
8	transport	X	X	X	CW: ADR and RID agreements SQAS System (Industry code)	Х	Х	X	CW: Party to ADR and RID agreements
					BW: Regulation 24 of the Carriage of Dangerous Goods by Road Regulations (1996) as amended The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 ("CDG 2009"), SI 2009 No 1348 [1], came into force on 1 July 2009 Code of Practice for the security of dangerous goods by road				BW: Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations of 2004 Control of Substances Hazardous to Health Regulations 2002, Paras 5 and 6 of Schedule 3 Party to ADR and RID Party to ADR and RID agreements
9	Physical protection measures	x	x	x	NW: Nuclear Industries Security Regulations (2003): UK civil nuclear operators must have approved site security plans covering physical protection. Joint Service Publication 440 Nuclear Materials (Offences) Act 1983 as amended	x	x	x	NW: Office for Civil Nuclear Security (OCNS) under the Health and Safety Executive. Civil Nuclear Constabulary (CNC) Civil Nuclear Police Authority (CNPA) Ministry of defence Police (MDP) for physical security of defence sites/materials. Criminal Justice and Immigration Act (2008), Section 75, and Schedule 17 (offences relating to nuclear materials and nuclear facilities). Serious Organised Crime and Police Act 2005, Section 128 (offence of trespassing on a

					CW: The National Counter Terrorism Security Office (NaCTSO) and the Centre for the Protection of the National Infrastructure (CPNI) BW: The National Counter Terrorism Security Office (NaCTSO) is a police unit co-located with the Centre for the Protection of the National Infrastructure (CPNI) EC Directive 2000/54/EC				designated site). Energy Act (2004), Article 3 (Nuclear Decommissioning Authority may be given responsibility for securing the treatment, storage, transportation or disposal of matter or waste at a designated facility) CW: Overseen by the National Counter Terrorism and Security Office whose staff can offer specialist advice regarding the security of explosives and pre-cursor chemicals (including fertilisers), pathogens and toxins, radiological sources and other toxic chemicals. BW: Overseen by the National Counter Terrorism and Security Office whose staff can offer specialist advice regarding the security of explosives and pre-cursor chemicals (including fertilisers), pathogens and toxins, radiological sources and other toxic chemicals.	
10	Personnel Reliability	X	?	x	NW: Nuclear Safeguards (Notification) Regulations 2004 Nuclear Industries Security Regulations (2003), Regulation 9. Part 2 (4) (3) CW: Anti-terrorism, Crime and Security Act (2001 (furnish police on request with details of persons with access to specified dangerous substances) BW: Anti-terrorism, Crime and Security Act (2001), Article 61 (furnish police on request with details of persons with access to specified dangerous substances)	x	X	X	NW: Nuclear Industries Security Regulations (2003), Regulation 9. Part 2 (4) (3) OCNS carries out vetting CW/BW: Home Secretary to direct that named individuals must not be allowed access	

^{2.} Related materials: materials, equipment and technology covered by relevant multilateral treaties and arrangements, or included on national control lists, which could be used for the design, development, production or use of nuclear, chemical and biological weapons and their means of delivery.

use of nuclear, chemical and biological weapons and their means of delivery.

* Information required in this section may also be available in the State's Confidence Building Measures report, if submitted to the BWC Implementation Support Unit (online at: http://www.unog.ch/80256EE600585943//(httpPages)/4FA4DA37A55C7966C12575780055D9E8?OpenDocument)

IV. OP 3 (a) and (b) - Account for/Secure/Physically protect NW including Related Materials (NW specific)

do:	Measures to establish mestic controls to prevent proliferation of NW, and heir means of delivery; controls over related materials							
1	National regulatory authority	Nuclear Industries Security Regulations (2003) Office for Civil Nuclear Security (OCNS)						
2	Licensing of nuclear installations/entities/ use of materials	Nuclear Installations Act (1965) Radioactive Substances Act (1993) Energy Act (2004) Civil Nuclear Constabulary (CNC) is responsible for the protection of civil nuclear sites and nuclear materials on designated UK nuclear licenced sites and transit						
3	IAEA Safeguards Agreements	Safeguards Agreement (IAEA and EURATOM), INFCIRC/263 UK Additional Protocol INFCIRC/263. Add.1 in force 30 April 2004 Nuclear Safeguards and Electricity (Finance) Act, 1978 Nuclear Safeguards Act 2000						
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources	Notification pursuant to GC(47)/RES/7.B Point of Contact: Head, Special Casework Licensing Unit, Export Control Organisation - Export Control Organisation						
5	Supplementary Guidance on the Import and Export of Radioactive Sources of the Code of Conduct on the Safety and Security of Radioactive Sources	Notification pursuant to GC(47)/RES/7.B Point of Contact: Head, Special Casework Licensing Unit, Export Control Organisation - Export Control Organisation						
6	IAEA Incident and Trafficking Database	Contributes to Database Programme Office for Civil Nuclear Security (OCNS)						
7	Integrated Nuclear Security Support Plan	IPPAS Mission 2011						

		(INSSP) / International Physical Protection Advisory Service (IPPAS)		
	8	Applying the physical protection recommendations in INFCIRC/225/Rev.5		
!	9	Other Agreements related to IAEA	Convention on Early Notification of a Nuclear Accident (12 March 1990) Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (12 March 1990) Convention on Nuclear Safety (24 October 1996)	
1	0	National legislation and regulations related to nuclear material including CPPNM	Nuclear Materials (Offences) Act 1983 Terrorism Act (2006) Extradition Act (2003), Section 193 Terrorism Act (2006)	

V. OP 3 (a) and (b) - Account for/Secure/Physically protect CW including Related Materials (CW specific)

th	Measures to establish mestic controls to prevent e proliferation of CW, and their means of delivery; controls over related materials	Source document	Remarks
1	National CWC authority	Department of Energy & Climate Change	
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials	Chemical Weapons Act (1996) Sections 19 (restriction on use) and 20 (licence granted by the Secretary of State) CWC National Authority inspects and maintains accounts	
3	Old or abandoned chemical weapons	Accounted for, secured and physically protected at MOD, DSTL Porton Down. Destruction of all old chemical weapons recovered to date was completed in March 2007 OPCW carries out regular inspections	

VI. OP 3 (a) and (b) - Account for/Secure/Physically protect BW including Related Materials (BW specific)

th	Measures to establish mestic controls to prevent proliferation of BW, their leans of delivery; controls over related materials	Source document	Remarks
1	Licensing/registration of installations/facilities/persons/entities/use/handling of materials	European Commission Directive on Biological agents 2000/54/EC Control of Substances Hazardous to Health (COSHH) regulations Genetically Modified Organisms (Contained Use) Regulations (2000) Specified Animal Pathogens Order (1998) SAPO Plant Health (Great Britain) Order (1933) Anti-terrorism, Crime and Security Act (2001), Part 7 Article 59: duty to notify Secretary of State before keeping or using dangerous substances; Part 7 Article 67 The Specified Animal Pathogens Order (SAPO) 2008 provides a legal basis for the formal transfer of the inspection and enforcement role for this legislation from the Department for Environment, Food and Rural Affairs, the Veterinary Laboratories Agency and local authorities to the Health and Safety Executive (HSE). The legislation came into effect on 28 April 2008.	

VII. OP 3 (c) and (d) and related matters from OP 6 - Controls of NW, CW and BW, including Related Materials

and	der controls and export I trans-shipment controls				<u>N</u> ational legal framework			Er	oforcement and civil/criminal penalties	
-	prevent the proliferation nuclear, chemical and		x /?				x /?			Remarks
me	logical weapons and their ans of delivery including ated materials	N W		B W	Source document	N W	c w	B W	Source document	Remarks
1	Border control to detect, deter, prevent and combat illicit trafficking	х	х	х	NW/CW/BW: Customs and Excise Management Act (1979), Section 68 (offence to export prohibited or restricted goods) Council Regulation 952/2013 (The Customs Union Code), as amended, Articles 134 and 267	х	х	х	NW/CW/BW: Police Security Service Immigration Customs Finance Act (1994), Part 1, Chapter III (enforcement powers in relation to imports or exports) Customs and Excise Management Act (1979), Section 163 (Powers to stop and search vehicles or vessels) Council Regulation (EC) No. 515/97 of 13 March 1997: Mutual assistance between EU Member States	
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	х	х	х	NW/CW/BW: Finance Act (1994), Part 1, Chapter III (enforcement powers in relation to imports or exports) Customs and Excise Management Act (1979), Section 163 (Powers to stop and search vehicles or vessels) Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended Article 198 Defence Science and Technology Laboratory (Dstl) provides assistance in conjunction with other Governmental Departments and Agencies Ratings advice provided by BIS Technical Assessment Unit	х	х	х	NW/CW/BW: Police Security Service Immigration Customs Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended Article 198	

3	Border control detection measures	x	х	x	NW/CW/BW: Defence Science and Technology Laboratory (Dstl) provides assistance in conjunction with other Governmental Departments and Agencies Ratings advice provided by BIS Technical Assessment Unit	x	х	х	NW/CW/BW: Scanners in main ports, X-ray machines and explosive and radioactive detectors
	Control of hyploging				NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended Trade in Goods (Control) Order (2003), Section 4 (controls on transfers of controlled goods from one third country to another)	V			NW/CW/BW: Trade in Goods (Control) Order (2003) Council regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Article 5
4	Control of brokering	X	X	X	CW: Chemical Weapons Act as amended by the Anti-terrorism, Crime and Security Act (ATCSA) 2001, Sections 43-44 BW: Biological Weapons Act 1974 as amended by the Anti-terrorism, Crime and Security Act (ATCSA) 2001, Sections 43-44	X	X	X	CW: Chemical Weapons Act as amended by the Anti-terrorism, Crime and Security Act (ATCSA) 2001, Section 113 BW: Biological Weapons Act 8 February 1974, Chapter 6 - Section 1 as amended by Anti- terrorism, Crime and Security Act (ATCSA) 2001
5	Export control legislation in place	×	×	x	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items Export Control Order No. 3231 (2008)	x	x	×	NW/CW/BW: Export Control Act (2002) Council regulation (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Article 5 BW: Biological Weapons Act 1974 as amended by the Anti-terrorism, Crime and Security (2001), Section 45
6	Licensing provisions and Authority	х	х	х	NW/CW/BW: The Export Control Organisation is responsible for issuing export licences for so-called "strategic" goods. This includes a wide range of items including military and dual-use goods,	х	х	х	NW/CW/BW: Export Control Organisation (ECO), Department of Business, Enterprise and Regulatory Reform (BIS)

					firearms, nuclear, chemical, biological products and much more, as well items that are controlled when transmitted electronically Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items - Possibility of National General Authorisation for intra-Community trade Export Control Order No. 3231 (2008), Part 2				Export Control Order. 3231 (2008) Part 6 - Offences, Enforcement and Penalties (An authorisation shall be required for intra- Community transfers of dual-use items listed in Annex IV. Items listed in Part 2 of Annex IV shall not be covered by a general authorization) Article 17 (Transit and Transhipment exemptions) and Article 18 (Software and technology exceptions)
7	Control lists of materials, equipment and technology	x	X	x	NW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items Export Control Order No. 3231 (2008) Article 19 (End-use control on technical assistance)	x	X	×	NW/CW/BW: Export Control Order No. 3231 (2008), Part 2 BW: DTI Export Licensing & Sanctions - particular circumstances, Article 3.6
8	Intangible technology transfers	х	x	x	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, Article 2 Customs and Excise Management Act (1979), as amended Export Control Order (2008) Articles 10 and 11 BW: Export Control Order No. 3231 (2008) - Part 3 Article 19 (End-use control on technical assistance)	х	X	×	NW/CW/BW: Customs and Excise Management Act (1979) Export Control Order (2008) Part 6
9	Inclusion of means of delivery	х	х	х	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Annex 1	х	х	х	NW/CW/BW: Export Control Order No. 3231 (2008)

					Export Control Order No. 3231 (2008) - Part 3 Article 19 End-use control on technical assistance				
10	End-user controls	х	x	x	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Arts. 9 and 20 Export Control Order No. 3231 (2008) - Part 3 Article 19 (End-use control on technical assistance)	x	x	x	NW/CW/BW: Export Control Order No. 3231 (2008)
11	. Catch all clause	х	x	х	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Article 4 Export Control Order No. 3231 (2008) - Part 3 Article 19 (End-use control on technical assistance)	x	x	x	NW/CW/BW: Export Control Order No. 3231 (2008)
122	Transit control	x	х	x	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Article 6 Customs and Excise Management Act (1979), Section 68 (offence to organise transit of prohibited or restricted goods) NW/CW: Open General Transhipment License (OGTL) Individual Transhipment License (if consistent with Consolidated Criteria)	х	x	X	NW/CW: DTI Export Licensing & Sanctions - particular circumstances, Article 3.6 BW: Customs and Excise Management Act (1979)
13	Trans-shipment control	х	х	х	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended, Article 6	х	х	x	NW/CW/BW: DTI Export Licensing & Sanctions - particular circumstances, Article 3.6

					Customs and Excise Management Act (1979), Section 68 (offence to organise trans-shipment of prohibited or restricted goods) BW: Open General Transhipment License (OGTL) Individual Transhipment License (if consistent with Consolidated Criteria)					
14	Re-export control	х	х	х	NW/CW/BW: Council regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items, as amended	х	Х	x	NW/CW/BW: DTI Export Licensing & Sanctions - particular circumstances, Article 3.6	
15	Control over financing of exports/transhipments that would contribute to proliferation	х	х	x	NW/CW/BW: The Money Laundering, Terrorist Financing and Transfer of Funds (Information on the Payer) Regulations 2017 (covers offences under the Customs and Excise Management Act 1979, Article 68 (2), Export of prohibited or restricted goods)	х	х	х	NW/CW/BW: The Money Laundering, Terrorist Financing and Transfer of Funds (Information on the Payer) Regulations 2017 (covers offences under the Customs and Excise Management Act 1979, Article 68 (2), Export of prohibited or restricted goods)	
16	Control over services related to exports/ transhipments that would contribute to proliferation including transportation		х	x	CW: Chemical weapons Act 1996 as amended by the Anti-terrorism, Crime and Security Act (2001): Proceedings for a chemical weapons offence may be instituted by order of the Commissioners of Customs and Excise if it appears to them that the offence has involved— The movement of a chemical weapon into or out of any country or territory; BW: Biological Weapons Act 1974 (Proceedings for a biological weapons offence may be instituted by order of the Commissioners of Customs and Excise if it appears to them that the offence has involved (b) the movement of any such thing into or out of any country or territory)			х	BW: Biological Weapons Act 1974 (Proceedings for a biological weapons offence may be instituted by order of the Commissioners of Customs and Excise if it appears to them that the offence has involved (b)the movement of any such thing into or out of any country or territory)	

VIII. OP 7 and 8 (d) - Assistance, Work with and inform Industry and Public, and other Information

1	Assistance offered	UK is willing to provide assistance as appropriate in response to specific requests from States lacking the legal and regulatory infrastructure, implementation experience and/or resources for fulfilling the provisions of SCR 1540.
2	Assistance Point of Contact (for assistance providers only)	Zainab Hashmi (WMD (CBRN) Terrorism Policy Adviser, Directorate for Defence and International Security, Foreign and Commonwealth Office, London) Tel: +44 0207 008 8293 Email: Zainab.Hashmi@fco.gov.uk Edward Rice-Howell (1540 Committee Representative, Strategic Threats Team, United Kingdom Mission to the United Nations, New York) Tel: 646-321-5403 Email: Edward.ricehowell@fco.gov.uk
3	Assistance requested	
4	Action taken to work with and inform industry	The Export Control Advisory committee with representation from trade associations and the government export control community meets regularly to discuss developments and areas of concern. In addition an extensive awareness campaign for industry around the UK continues. 25 seminars and training courses were held nationwide during 2006, attended by over 500 delegates from 180 organisations. Presentations are also given to individual companies. Along with a regularly updated website the Exports Control Organisation also maintains a web-based tool, the Goods Checker, to help exporters find out if their products are licensable.
5	Action taken to work with and inform the public	Relevant information is disseminated through government web sites, publications and leaflets.
6	Point of Contact	Zainab Hashmi (WMD (CBRN) Terrorism Policy Adviser, Directorate for Defence and International Security, Foreign and Commonwealth Office, London) Tel: +44 0207 008 8293 Email: Zainab.Hashmi@fco.gov.uk Edward Rice-Howell (1540 Committee Representative, Strategic Threats Team, United Kingdom Mission to the United Nations, New York)

		Tel: 646-321-5403 Email: Edward.ricehowell@fco.gov.uk
7	Voluntary National Implementation Action Plan (NAP)	Submitted a National Implementation Action Plan 2013
8	1540 Committee visits to States	