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: Date of Report: Dates of Additional Reports:	Federal Republic of Germany 26 October 2004 12 October 2005 26 May 2010 8 July 2013 20 March 2020
Date of Approval:	9 December 2020

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

ins	nerence to legally binding cruments, membership of canisations, participation in arrangements and statements made.	Relevant information (i.e. signing, deposit of instrument of accession, ratification, etc)	Remarks (information refers to the page of the English version of the national report or an official web site)
1	Nuclear Non- Proliferation Treaty (NPT)	Deposit 2 May 1975	
2	Nuclear Weapons Free Zone/ Protocol(s)		
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 8 February 2008	
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 6 September 1991	
5	2005 Amendment to the CPPNM	Deposit 21 October 2010	
6	Comprehensive Nuclear- Test-Ban Treaty (CTBT) (not in force)	Deposit 20 August 1998	
7	Chemical Weapons Convention (CWC)	Deposit 12 August 1994	
8	Biological Weapons Convention (BWC)	Deposit 7 April 1973	
9	Geneva Protocol of 1925	Deposit 25 April 1929	
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 23 April 2003	
11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 17 June 2004	

12	2005 Protocol to the Convention for the suppression of unlawful acts against the safety of	Deposit 29 January 2016	
13	maritime navigation 2005 Protocol to the Protocol for the suppression of unlawful acts against the safety of fixed platforms located on the continental chalf	Deposit 29 January 2016	
14	International Civil Aviation	Signed 12 October 2016	
15	Other relevant regional legally binding instruments		
16	International Atomic Energy Agency (IAEA)	Since 1 October 1957	
17	Directly relevant Arrangements	Nuclear Suppliers Group (NSG) Missile Technology Control Regime (MTCR) Australia Group (AG) Zangger Committee (ZC) Wassenaar Arrangement (WA) Proliferation Security Initiative (PSI) Global Initiative to Combat Nuclear Terrorism (GICNT) Global Partnership Against the Spread of Weapons and Materials of Mass Destruction (GPWMD) Nuclear Security Contact Group (NSCG)	
18	Statement on non- provision of WMD and related materials to non-State actors	State reports that it does not provide any support to non-State actors, that attempt to develop, acquire, manufacture, possess, transport, transfer or use nuclear, chemical or biological weapons and their means of delivery. Relevant laws and regulations are in place and being implemented. Thus, effective domestic control is established, and illicit actions are penalised.	
19	Membership in relevant international, regional or sub-regional organisations	The European Union (EU) The Organization for Security and Co-operation in Europe (OSCE) INTERPOL International Maritime Organization (IMO) World Customs Organization (WCO) World Health Organization (WHO) World Organisation for Animal Health (OIE)	

	Financial Action Task Force (FATF) Observer FSRBs (Asia/Pacific Group on Money Laundering (APG), Middle East and North Africa Financial Action Task Force (MENAFATF), Financial Action Task Force of Latin America (GAFILAT) and temporary member to the Committee of Experts on the Evaluation of Anti-Money Laundering Measures (MONEYVAL) NATO Senior Group on Proliferation Issues (SGP) NATO-Russia Council (NRC) "at 29" Euro Atlantic Partnership Council (EAPC) EURATOM Treaty	
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II. OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

	ational legislation which bhibits persons or entities				<u>N</u> ational legal framework			nforcement and civil/criminal penalties		
	to engage in one of the Ilowing activities and its enforcement	N W		B W	Source document of national implementation law	N W	x /? C W	В	Source document	Remarks
1	manufacture	x	x	x	 NW: War Weapons Control Act of 1961, as amended (Act Implementing Art. 26 of the Constitution) ("KrWaffKontrG"), Section 17 CW: War Weapons Control Act of 1961, Section 18 BW: Implementation Act on the BWC of 1983, as amended, Art. 2 War Weapons Control Act of 1961, Section 18 	x	x	x	NW: War Weapons Control Act of 1961, Section 19 CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act of 1993, as amended ("CWÜAG"), Section 17 BW: War Weapons Control Act of 1961, Section 20	
2	acquire	x	x	x	NW: War Weapons Control Act of 1961, Section 17 CW: War Weapons Control Act of 1961, Section 18 BW: Implementation Act on the BWC of 21.02.1983, Art. 2 War Weapons Control Act of 1961, Section 18	x	x	x	NW: War Weapons Control Act of 1961, Section 19 CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17 BW: War Weapons Control Act of 1961, Section 20	
3	possess	x	x	x	NW: War Weapons Control Act of 1961, Section 17 CW/BW: War Weapons Control Act of 1961, Art. 18	x	x	x	NW: War Weapons Control Act of 1961, Section 19	

									CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17 BW: War Weapons Control Act of 1961, Section 20
4	develop	x	x	x	NW: War Weapons Control Act of 1961, Section 17 CW: War Weapons Control Act of 1961, Section 18	x	x	x	NW: War Weapons Control Act of 1961, Section 19 CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17
					BW: Implementation Act on the BWC, Art. 2 War Weapons Control Act of 1961, Section 18				BW: War Weapons Control Act of 1961, Section 20
					NW: War Weapons Control Act of 1961, Section 17				NW: War Weapons Control Act of 1961, as amended, Section 19
5	transport	x	x	x	CW/BW: War Weapons Control Act of 1961, Section 18	x	x	x	CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17
									BW: War Weapons Control Act of 1961, Section 20
					NW: War Weapons Control Act of 1961, Section 17 CW/BW:				NW: War Weapons Control Act of 1961, Section 19 CW:
6	transfer	x	х	x	War Weapons Control Act of 1961, Section 18	x	х	x	War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17
									BW: War Weapons Control Act of 1961, Section 20

7	Use	x	X	x	 NW: War Weapons Control Act of 1961, Section 17 ("otherwise exercise actual control over nuclear weapons") Criminal Code ("StGB"), Section 307 ("Causing a nuclear explosion") CW/BW: War Weapons Control Act of 1961, Section 18 International Law Penal Code, 26 June 2002, as amended (Völkerstrafgesetzbuch), Section 12 	x	x	x	 NW: War Weapons Control Act of 1961, Section 19 Criminal Code ("StGB"), Section 307 ("Causing a nuclear explosion") CW/BW: War Weapons Control Act of 1961, Section 20 International Law Penal Code, 26 June 2002, as amended (Völkerstrafgesetzbuch), Section 12 	
8	attempt to engage in abovementioned activities	x	x	x	 NW: War Weapons Control Act of 1961, Section 17 and 19 together with Criminal Code, Sections 12 and 23 CW/BW: War Weapons Control Act of 1961, Section 18 and 20 together with Criminal Code, Sections 12 and 23 	x	x	x	 NW: War Weapons Control Act of 1961, Section 19 together with Criminal Code Section 12, 23 CW/BW: War Weapons Control Act of 1961, Section 20 together with Criminal Code, Sections 12 and 23 	
9	participate as an accomplice in abovementioned activities	x	x	x	 NW: War Weapons Control Act of 1961, Sections 17 and 19 Criminal Code, Section 307 CW: War Weapons Control Act of 1961, Sections 18 and 20 BW: War Weapons Control Act of 1961, Sections 18 and 20 	x	x	x	 NW: War Weapons Control Act of 1961, Section 19 Criminal Code, Sections 25 ("principles"), 27 ("aiding") CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17 Criminal Code, Sections 25 ("principles") and 27 ("aiding") BW: War Weapons Control Act of 1961, Section 20 Criminal Code, Sections 25 ("principles") and 27 ("aiding") 	
10	assist in abovementioned activities	x	х	x	NW: War Weapons Control Act of 1961, Sections 17 and 19 Criminal Code, Section 307	x	x	x	NW: War Weapons Control Act of 1961, Section 19 Criminal Code, Section 27	

					 CW: War Weapons Control Act of 1961, Sections 18 and 20 BW: War Weapons Control Act of 1961, Sections 18 and 20 				 CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17 Criminal Code, Sections 25 ("principles") and 27 ("aiding") BW: War Weapons Control Act of 1961, Section 20 Criminal Code, Sections 25 ("principles") and 27 ("aiding")
11	finance abovementioned activities	x	x	x	NW/CW/BW: War Weapons Control Act of 1961, Section 17 ("supporting") Criminal Code, Sections 89a ("Preparation of a serious violent offence endangering the state" / "collecting, accepting or providing not unsubstantial assets for its commission") and 129a ("Forming terrorist organisations"/ "supporting a group")	x	x	x	NW:War Weapons Control Act of 1961, Section 19Criminal Code, Sections 89a, 129aCW/BW:War Weapons Control Act of 1961, Section 20Criminal Code, Sections 89a and 129a
12	abovementioned activities related to means of delivery ¹	x	x	x	 NW: War Weapons Control Act of 1961, Section 17, para. 2, No. 2 CW: War Weapons Control Act of 1961, Section 18 (included in definition of "chemical weapons" as defined by the War Weapons List, Nr. 6) BW: Implementation Act on the BWC, Art. 2 War Weapons Control Act of 1961, Section 18 (included in definition of biological weapons as defined by the War Weapons List, No. 4) 	x	x	x	NW: War Weapons Control Act of 1961, Section 19 CW: War Weapons Control Act of 1961, Section 20 CWC Implementation Act ("CWÜAG"), Section 17 BW: War Weapons Control Act of 1961, Section 20

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

do	Measures to establish mestic controls to prevent			<u>N</u> ati	ional legal and/or regulatory framework			E	nforcement and civil/criminal penalties	
	e proliferation of NW, CW, BW, and their means of delivery; controls over related materials	N	X /? N C B W W *		Source document	N	X /? N C B W W W		Source document	Remarks
					NW: Commission Regulation (Euratom) No. 302/2005 of 8 February 2005 on the application of Euratom safeguards Radiation Protection Ordinance ("StrlSchV") of 20 July 2001, as amended, Section 85				NW: EURATOM Treaty, Art. 83 Commission Recommendation of 11 February 2009 on the implementation of a nuclear material accountancy and control system by operators of nuclear installations Atomic Energy Act, Section 46 Radiation Protection Ordinance, Sections 33 and 116	
1	Measures to account for production	x	x	x	CW: CWC Implementation Act, Section 3 CWC Implementation Ordinance of 20 November 1996, as amended	x	x	x	CW: CWC Implementation Act, Sections 5, 7, 20 (enforcement), and 15 (penalties) CWC Implementation Regulation of 20 November 1996, Section 12	
					BW: Ordinance on Safety and Health protection related to work involving biological agents of 27 January 1992, as amended Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and unspecific work in laboratories involving biological agents CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)				BW: Robert Koch Institute Federal Center for Health Education Committee for Biological Agents (ABAS) CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)	
2	Measures to account for use	x	х	х	NW: Commission Regulation (Euratom) No. 302/2005 on the application of Euratom safeguards	x	х	х	NW: EURATOM Treaty, Art. 83 Commission Recommendation of 11 February 2009 on the implementation of a nuclear	

					Radiation Protection Ordinance, ("StrlSchV") of 2018, as amended; see also Chapter 3, Art. 31 etseq. CW: CWC Implementation Act, Section 2 CWC Implementation Regulation of 20 November 1996, as amended BW: Ordinance on Safety and Health protection related to work involving biological agents of 27 January 1992 Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and unspecific work in laboratories involving biological agents CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)				material accountancy and control system by operators of nuclear installations Atomic Energy Act, Section 46 Radiation Protection Ordinance, Sections 33 and 116 CW: CWC Implementation Act, Sections 5, 7, 20 (enforcement), and 15 (penalties) CWC Implementation Regulation of 20 November 1996, Section 12 BW: Robert Koch Institute Federal Center for Health Education Committee for Biological Agents (ABAS) CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)	
					NW: Commission Regulation (Euratom) No. 302/2005 on the application of Euratom safeguards Radiation Protection Ordinance, Sections 84, 85 and 86				NW: EURATOM Treaty, Art. 83 Commission Recommendation of 11 February 2009 on the implementation of a nuclear material accountancy and control system by operators of nuclear installations Atomic Energy Act, Section 46 Radiation Protection Ordinance, Section 33, 116	
3	Measures to account for storage	x	x	х	CW: CWC Implementation Act, Section 2 CWC Implementation Regulation of 20 November 1996, as amended	х	х	x	CW: CWC Implementation Act, Sections 5, 7, 20 (enforcement), and 15 (penalties) CWC Implementation Regulation of 20 November 1996, Section 12	
					BW: Ordinance on Safety and Health protection related to work involving biological agents Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and				BW: European Center for Disease Prevention and Control Robert Koch Institute Federal Center for Health Education	

4 Measures to account for transport x					unspecific work in laboratories involving biological agents CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)				Committee for Biological Agents (ABAS) CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)	
	4	x	x	x	ADR Agreement (European Agreement concerning the international carriage of dangerous goods) EU Directive 2008/68/EC of 24 September 2008 on the inland transport of dangerous goods (adapting ADR, RID and ADN for intra-EU transfers), as amended Dangerous Goods Transportation Act ("GGBefG") and implementing Ordinances notably the Dangerous Goods Ordinance Road, Rail and Inland Waterways ("GGVSEB"), the Dangerous Goods Ordinance Sea ("GGVSee"), or the Dangerous Goods Safety Advisor Ordinance ("GbV") NW: Radiation Protection Ordinance ("StrISchV"), as amended, Art. 12 etseq Atomic Energy Act, Art. 4 Commission Regulation (Euratom) No. 302/2005 of 8 February 2005 on the application of Euratom safeguards, Art. 26 CW: CWC Implementation Act, Section 2 CWC Implementation Regulation of 20 November 1996, as amended, Section 6 (imports and exports) BW: Ordinance on Safety and Health protection related to work involving biological agents of 27 January 1992. Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and unspecific work in laboratories involving	x	x	x	Dangerous Goods Transportation Act, Sections 9 (enforcement) and 10 (penalties) Dangerous Goods Safety Advisor Ordinance, Section 10 Dangerous Goods Ordinance Road, Rail and Inland Waterways, Section 37 CW: CWC Implementation Act, Sections 5, 7, 20 (enforcement), and 15 (penalties) CWC Implementation Regulation of 20 November 1996, Section 12 BW: Robert Koch Institute Federal Center for Health Education	

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5	Measures to secure production	x	x	x	NW: Atomic Energy Act, Sections 7 and 9 (licensing requirement for production of nuclear fuel) Radiation Protection Ordinance, as amended Nuclear Safety Officer and Reporting Ordinance ("AtSMV") Classified guidelines (structural, technical, personnel-based and administrative), complemented by the General Administrative Provision on the Protection of Classified Information (based on the principles of graded approach and defence-in-depth as required by the Fundamental Principles and Objectives of Physical Protection endorsed by IAEA) CW: CWC Implementation Act, Section 4 CWC Implementation Regulation of 20 November 1996, as amended, Section 2 (licensing requirement for production or handling of Schedule 1 chemicals) Chemicals Act, Section 19 Ordinance on Hazardous Substances of 26 November 2010 ("CofStaft)(")	x	x	x	 NW: Atomic Energy Act, Part 5 Radiation Protection Ordinance, Criminal Code, Section 310 ("acts preparatory to causing an explosion or radiation offence"), 311 ("releasing ionising radiation") Protective measures to be implemented by the licensee as specified in laws, ordinances and authority guidelines plus protective measures by the State; if licensee fails to meet obligations, the national legal instruments specify sanctions (revocation/ withdrawal of licence or fines, see above) CW: CWC Implementation Act, Sections 15 and 16 CWC Implementation Regulation, Sections 12 and 13 Chemicals Act, Sections 21 and 26 Ordinance on Hazardous Substances, Part 7 	
					November 2010 ("GefStoffV") BW: Ordinance on Safety and Health protection related to work involving biological agents of 27 January 1992 Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and unspecific work in laboratories involving biological agents CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)				BW: Robert Koch Institute Federal Center for Health Education Committee for Biological Agents (ABAS) CWC Implementation Act (Ricin, Saxitoxin; except transport) CWC Implementation Regulation (Ricin, Saxitoxin)	
6	Measures to secure use	x	x	x	NW: Radiation Protection Law, Arts. 12, 13 and 14 Atomic Energy Act, Section 7 and 9 (licensing requirement for production of nuclear fuel) Radiation Protection Ordinance, Art. 52 Nuclear Safety Officer and Reporting Ordinance ("AtSMV")	x	x	x	NW: Atomic Energy Act, Part 5 Radiation Protection Ordinance Criminal Code, Sections 310 ("acts preparatory to causing an explosion or radiation offence") and 311 ("releasing ionising radiation")	

					Classified guidelines (structural, technical, personnel-based and administrative), complemented by the General Administrative Provision on the Protection of Classified Information (based on the principles of graded approach and defence-in-depth as required by the Fundamental Principles and Objectives of Physical Protection endorsed by IAEA) CW: CWC Implementation Act, Section 4 CWC Implementation Regulation of 20 November 1996, as amended, Section 2 (licensing requirement for production or handling of Schedule 1 chemicals) Chemicals Act, Section 19 Ordinance on Hazardous Substances of 26 November 2010 ("GefStoffV") BW: Health and Safety at Work Act, 7 August 1996, as amended (Arbeitsschutzgesetz) Ordinance on Safety and Health protection related to work involving biological agents of 27 January 1992 Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and unspecific work in laboratories involving biological agents CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin; except transport)				Protective measures to be implemented by the licensee as specified in laws, ordinances and authority guidelines plus protective measures by the State; if licensee fails to meet obligations, the national legal instruments specify sanctions (revocation/ withdrawal of licence or fines, see above) CW: CWC Implementation Act, Sections 15 and 16 CWC Implementation Regulation, Sections 12 and 13 Chemicals Act, Sections 21 and 26 Ordinance on Hazardous Substances, Part 7 BW: European Center for Disease and Control Robert Koch Institute Federal Center for Health Education Committee for Biological Agents (ABAS) CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)	
7	Measures to secure storage	x	x	x	NW: Atomic Energy Act of 1959, as amended Section 6 (licensing requirement for storage of nuclear fuel) Radiation Protection Ordinance, as amended, Arts. 87 and 92 Nuclear Safety Officer and Reporting Ordinance ("AtSMV") Classified guidelines (structural, technical, personnel-based and administrative), complemented by the General Administrative	x	x	x	NW: Atomic Energy Act, Part 5 Radiation Protection Ordinance, Chapter 4 Protective measures to be implemented by the licensee as specified in laws, ordinances and authority guidelines plus protective measures by the State; if licensee fails to meet obligations, the national legal instruments specify sanctions (revocation/ withdrawal of licence or fines, see above)	

					Provision on the Protection of Classified Information (based on the principles of graded approach and defence-in-depth as required by the Fundamental Principles and Objectives of Physical Protection endorsed by IAEA) CW: CWC Implementation Act, Section 4 CWC Implementation Regulation of 20 November 1996, as amended, Section 2 (licensing requirement for production or handling of Schedule 1 chemicals) Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of the workers from the risks related to chemical agents at work, as amended Chemicals Act, Section 19 Ordinance on Hazardous Substances of 26 November 2010 ("GefStoffV") BW: Directive 2000/54/EC Health and Safety at Work Act, 7 August 1996 as amended (Arbeitsschutzgesetz) Ordinance on Safety and Health protection related to work involving biological agents of 27 January 1992. Technical Regulations for Biological Agents- TRBA 100: Protective measures for specific and unspecific work in laboratories involving biological agents CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)				CW: CWC Implementation Act, Sections 15 and 16 CWC Implementation Regulation, Sections 12 and 13 Chemicals Act, Sections 21 and 26 Ordinance on Hazardous Substances, Part 7 BW: Robert Koch Institute Federal Center for Health Education Committee for Biological Agents (ABAS) CWC Implementation Act (Ricin, Saxitoxin) CWC Implementation Regulation (Ricin, Saxitoxin)	
8	Measures to secure transport	x	x	x	Atomic Energy Act, Section 4 (licensing requirement for transport of nuclear fuel) Radiation Protection Ordinance, Part 4 Classified guidelines (structural, technical, personnel-based and administrative), complemented by the General Administrative Provision on the Protection of Classified Information (based on the principles of graded	x	x	x	Atomic Energy Act, Part 5 Radiation Protection Ordinance, Chapter 4 Protective measures to be implemented by the licensee as specified in laws, ordinances and authority guidelines plus protective measures by the State; if licensee fails to meet obligations, the national legal instruments specify sanctions	

approach and defence-in-depth as required by	(revocation/ withdrawal of licence or fines, see
the Fundamental Principles and Objectives of	above)
Physical Protection endorsed by IAEA)	Dangerous Goods Transportation Act, Sections 9
EU Directive 2008/68/EC of 24 September 2008	(enforcement) and 10 (penalties)
on the inland transport of dangerous goods	Dangerous Goods Safety Advisor Ordinance,
(adapting ADR, RID and ADN for intra EU	Section 10
transfers), as amended	Dangerous Goods Ordinance Road, Rail and
Dangerous Goods Transportation Act	Inland Waterways, Section 37
("GGBefG") and implementing Ordinances	
notably the Dangerous Goods Ordinance Road,	
Rail and Inland Waterways ("GGVSEB"), the	
Dangerous Goods Ordinance Sea ("GGVSee"),	
or the Dangerous Goods Safety Advisor	
Ordinance ("GbV")	
ADR	
CW:	CW/BW:
CWC Implementation Act, Section 4	Dangerous Goods Transportation Act, Sections 9
CWC Implementation Regulation of 20	(enforcement) and 10 (penalties)
November 1996, as amended, Section 2	Dangerous Goods Safety Advisor Ordinance,
(licensing requirement for production or	Section 10
handling of Schedule 1 chemicals)	Dangerous Goods Ordinance Road, Rail and
EU Directive 2008/68/EC of 24 September 2008	Inland Waterways, Section 37
on the inland transport of dangerous goods	
(adapting ADR, RID and ADN for intra EU	
transfers), as amended	
Dangerous Goods Transportation Act	
("GGBefG") and implementing Ordinances	
notably the Dangerous Goods Ordinance Road,	
Rail and Inland Waterways ("GGVSEB"), the	
Dangerous Goods Ordinance Sea ("GGVSee"),	
or the Dangerous Goods Safety Advisor	
Ordinance ("GbV")	
ADR	
BW:	
EU Directive 2008/68/EC of 24 September 2008 on the inland transport of dangerous goods	
(adapting ADR, RID and ADN for intra EU	
transfers), as amended	
Dangerous Goods Transportation Act	
("GGBefG") and implementing Ordinances	
notably the Dangerous Goods Ordinance Road,	
Rail and Inland Waterways ("GGVSEB"), the	

					Dangerous Goods Ordinance Sea ("GGVSee"), or the Dangerous Goods Safety Advisor Ordinance ("GbV") ADR				
9	Physical protection measures	x		x	 NW: Atomic Energy Act and relevant sublegal instruments such as the "Requirements Relating to the Physical Protection Service and Physical Protection Officers at Nuclear Facilities and Installations" of 4 July 2008 or the "Guideline Relating to Measures for the Protection of Facilities of the Nuclear Fuel Cycle and Other Nuclear Facilities Against Disturbances or Other Interference by Individuals Entitled to Access to the Facility" of 28 January 1991 Radiation Protection Ordinance, as amended Art. 16 and following; Chapter 6, Art. 52 following (physical supervision of radiation protection / radiation protection areas) Classified guidelines (structural, technical, personnel-based and administrative), complemented by the General Administrative Provision on the Protection of Classified Information (based on the principles of graded approach and defence-in-depth as required by the Fundamental Principles and Objectives of Physical Protection endorsed by IAEA) BW: Biological Materials Ordinance (Biostoff-VO) EU directive 2000/54 on the protection of workers from risks related to exposure to biological agents at work (1999), Annex 	x		NW: Radiation Protection Ordinance, as amended Protective measures to be implemented by the licensee as specified in laws, ordinances and authority guidelines plus protective measures by the State; if licensee fails to meet obligations, the national legal instruments specify sanctions (revocation/ withdrawal of licence or fines, see above)	
10	Personnel Reliability	x	х	x	NW: Atomic Energy Law, Section 12b Ordinance on the Verification of Trustworthiness for Protecting Against the Diversion or Major Releases of Radioactive Material ("AtZüV")	x	x	NW: Ordinance on the Verification of Trustworthiness for Protecting Against the Diversion or Major Releases of Radioactive Material ("AtZüV"), Section 9 (no access / activity without written confirmation)	

CW:CWC Implementation Regulation of 20November 1996, Section 3 (the granting of the authorization for personnel that operate with Schedule I Chemicals can be subject to a reliability check of the applicant) Security Vetting Act of 20 April 1990, as amended ("SÜG") and Security Vetting Identification Ordinance of 30 July 2003, as amended (regulate vetting of persons with security-sensitive activities in authorities on federal level, including in entities working with highly toxic substances, also with a view to protect against acts of sabotage by personnel; similar acts exist on State level)BW: Protection against Infection Act Animal Infectious Disease Act Plant Protection Act Security Vetting Act	CW: CWC Implementation Regulation of 20 November 1996, Section 3 (no authorisation if doubts concerning reliability of applicant)

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.

* 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)

dor the	Measures to establish nestic controls to prevent proliferation of NW, and heir means of delivery; controls over related materials	Source document								
1	National regulatory authority	Ministry for the Environment, Nature Conservation, Building and Nuclear Safety: guidelines Competent Ministry of the Land (Federal State): licensing and supervision (the regulatory body in Germany is composed of authorities of the federal and state governments) Radiation Protection law, as amended, Art. 185								
2	Licensing of nuclear installations/entities/ use of materials	Atomic Energy Act (Licensing requirement for import, export, transport, possession, treatment, processing, other use, storage, disposal, see above), see also Part 5 Radiation Protection Law, Radiation Protection Ordinance, Regulatory supervision by competent national authorities								
3	IAEA Safeguards Agreements	Safeguards Agreement EURATOM and Additional Protocol - IAEA (INFCIRC/193)								
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources	Notification pursuant to GC(47)/RES/7.B1 Act on the Control of High Radioactive Sealed Sources of 12 August 2005								
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(48)/RES/10.D								
6	IAEA Incident and Trafficking Database	Participates in ITDB								
7	Integrated Nuclear Security Support Plan (INSSP) / International Physical Protection Advisory Service (IPPAS)									
8	Applying the physical protection									

	recommendations in INFCIRC/225/Rev.5	
0	Other Agreements	
9	related to IAEA	
	National legislation and	
10	regulations related to	
10	nuclear material	
	including CPPNM	

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

the	Measures to establish nestic controls to prevent e proliferation of CW, and heir means of delivery; controls over related materials	Source document							
1	National CWC authority	Bureau for CW and BW Affairs Auswärtiges Amt (Federal Foreign Office)							
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials	CWC Implementation Act, Sections 4, 15 and 16 CWC Implementation Regulation of 20 November 1996, as amended, Sections 2 (licensing requirement for production or handling of Schedule 1 chemicals), 12 and 13							
3	Old or abandoned chemical weapons	CWC Implementation Act Law on Explosives in conjunction with 1st and 2nd Ordinance Pertaining to the Law on Explosives and with pertinent regulations on storage of explosives Hazardous Substances Ordinance: handling of the chemical fill Germany had destroyed its old chemical weapon stocks completely by April 2007. Any weapons unearthed will be destroyed without delay in a specially designed detonation furnace in Munster, Lower Saxony.							

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

Measures to establish domestic controls to prevent the proliferation of BW, their means of delivery; controls over related materials								
1	Licensing/registration of installations/facilities/ persons/entities/use/ handling of materials	Protection against Infection Act Animal Infectious Disease Act Animal Pathogen Ordinance, 25 November 1985, as amended (Tierseuchenerreger-Verordnung) Genetic Engineering Act Biological Agents Ordinance Directive 2000/54/EC of the European Parliament and of the Council of 18 September 2000 Criminal Code, Art. 327 Revocation/withdrawal of authorization and/or fines						

VII. OP 3 (c) and (d) and related matters from OP 6 - Controls of NW,

CW and BW, including Related Materials

and	Border controls and export and trans-shipment controls to prevent the proliferation		<u>N</u> ational legal framework					Enforcement and civil/criminal penalties				
of n biol mea	uclear, chemical and ogical weapons and their ans of delivery including ted materials	mical and pons and their ery including N C		B W	Source document	N W	x /? c w	в	Source document	Remarks		
1	Border control to detect, deter, prevent and combat illicit trafficking	x	x	x	NW/CW/BW: Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended, especially Arts. 264 and 267 Regulation (EC) No. 1889/2005 of the European Parliament and of the Council of 26 October 2005 on controls of cash entering or leaving the Community Customs Administration Act of 1992, as amended (Zollverwaltungsgesetz) Foreign Trade and Payments Act of 6 June 2013 (Aussenwirtschaftsgesetz, "AWG"), as amended, Sections 18, 21 and 27	x	x	x	NW/CW/BW: Customs Administration Act of 1992, as amended Foreign Trade and Payment Act, Sections 17, 18, 21 and 27 CW: Regulation implementing the CWC Convention of 20 November 1996, Section 13			
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Sections 17, 18, 21 and 27 Customs Administration Act, as amended Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended, especially Art. 198	x	x	x	NW/CW/BW: Customs, Federal Border Control Police, criminal authorities			
3	Border control detection measures	x	x	x	NW/CW/BW: Union Customs Code, as amended, Arts. 13, 15, title IX Customs Administration Act, Sections 10 ff and 17a	x	x	x	NW/CW/BW: Union Customs Code, as amended, Art. 22 Customs Administration Act, as amended, Sections 10 ff and 17a Foreign Trade and Payments Act, as amended, Section 25			

					Foreign Trade and Payments Act, as amended, Section 25 Foreign Trade and Payments Ordinance ("Aussenwirtschaftsverordnung, AWV), as amended, Chapter 2, part 2, Subchapter 1 and 2				Foreign Trade and Payments Ordinance, as amended, Chapter 2, part 2, Subchapters 1 and 2	
4	Control of brokering	x	x	x	NW/CW/BW: Council regulation (EC) n. 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, Art. 5 War Weapons Control Act of 1961, Sections 4a and 17 ff Foreign Trade and Payments Ordinance, as amended, Sections 46-47	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9 War Weapons Control Act of 1961, Part 5	
5	Export control legislation in place	x	x	x	 NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended Foreign Trade and Payments Act, as amended Foreign Trade and Payments Ordinance, as amended CW: CWC Implementation Regulation BW: CWC Implementation Regulation (Ricin, Saxitoxin) 	x	х	х	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9 War Weapons Control Act of 1961, Part 5	
6	Licensing provisions and Authority	×	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Arts. 3, 4, 5, Chap. III, Art. 9 (intra-Community transfers do not require an authorisation, except for items listed in Annex IV, Art. 22) and Annexes IIa to IIf National general licenses exist and are published in the Federal Gazette Foreign Trade and Payments Act, as amended, Arts. 1, 4 and 5 Foreign Trade and Payments Ordinance, as amended, Chapters 2, 4 and 5	×	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9, Part 3 Federal Office for Economic Affairs and Export Control (BAFA)	

					Foreign Trade and Payments Act, as amended, Section 13 CW: CWC Implementation Regulation, Section 2 BW: CWC Implementation Regulation, Section 2 (Ricin, Saxitoxin)					
7	Control lists of materials, equipment and technology	x	x	x	 NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Annex I Council regulation (EC) n. 428/2009 of 5 May 2009, Art. 2: ("'dual-use items' shall mean items, including software and technology") Foreign Trade and Payments Act, as amended, Section 2 Foreign Trade and Payments Ordinance, Annex I (Export List) War Weapons Act of 1961, Annex (War Weapons List) CW: CWC Implementation Regulation, Annexes BW: CWC Implementation Ordinance, Annexes (Ricin, Saxitoxin) 	x	x	x	 NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Annex I Foreign Trade and Payments Ordinance, Annex I (Export List), also Chapter 9, as amended Foreign Trade and Payments Act, as amended, Part 3 War Weapons Act of 1961, Annex (War Weapons List) CW: CWC Implementation Ordinance, Annexes BW: CWC Implementation Ordinance, Annexes (Ricin, Saxitoxin) 	
8	Intangible technology transfers	x	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Art. 2 Foreign Trade and Payments Act, Section 2 Foreign Trade and Payments Ordinance, as amended, Chapter 5, also referring to technical assistance Council Joint Action of 22 June 2000 concerning the control of technical assistance related to certain military end uses Foreign Trade and Payments Ordinance, as amended, Section 60 (Investment screening on foreign investment in certain companies with	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9 Visa screening system exists	

					relevant technology such as war weapons and military items)					
9	Inclusion of means of delivery	x	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Annex I War Weapons Control Act of 1961, Section 2 ff War Weapons Reporting Ordinance	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9 War Weapons Control Act of 1961	
10	End-user controls	x	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended Foreign Trade and Payments Ordinance, as amended, Section 21	x	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended Foreign Trade and Payments Ordinance, as amended, Section 21 Export authorisations are only granted if examination of the final recipient reveals no proliferation risk Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as Foreign amended, Chapter 9	
11	Catch all clause	x	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Art. 4 Foreign Trade and Payments Act, as amended, Section 4 Foreign Trade and Payments Ordinance, as amended, Section 9	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9	
12	Transit control	×	x	×	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended, Art. 6 Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended, especially Arts 5, 141, 158, 210, Chapter on transit, Arts. 226 and 233 Foreign Trade and Payments Act, as amended, Sections 2, 4, 6 Foreign Trade and Payments Ordinance, as amended, Sections 44 and 45	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9	

13	Trans-shipment control	x	x	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May 2009, as amended (would be handled either as an "export" or a "transit" as defined by the Regulation) Council Regulation (EU) No. 952/2013 (Union Customs Code), as amended Foreign Trade and Payments Act, as amended, Sections 2, 4 and 6	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9	
14	Re-export control	х	х	x	NW/CW/BW: Council regulation (EC) n. 428/2009 of 5 May as amended, Art. 2 (defines "re-export" as an "export" for the purposes of the Regulation) Union Customs Code, as amended, Art. 270	x	x	x	NW/CW/BW: Foreign Trade and Payments Act, as amended, Part 3 Foreign Trade and Payments Ordinance, as amended, Chapter 9	
15	Control over financing of exports/transhipments that would contribute to proliferation	x	x	x	NW/CW/BW: War Weapons Control Act of 1961 Money Laundering Prevention Act of 8 August 2002 as amended (Geldwäschegesetz): financing of terrorism National transposition measures communicated by the Member States concerning Directive (EU) 2015/849 of the European Parliament and of the Council of 20 May 2015 on the prevention of the use of the financial system for the purposes of money laundering or terrorist financing, German Transition Act hereto of 24 June 2017 Official Gazette No 39 page 01822-01873 Banking Act of 9 September 1998 as amended, Section 6a, Part 5a (Due diligence) Insurance Supervisory Act of 17 December 1992, as amended Payment Services Oversight Act of 25 June 2009, as amended	x	x	x	NW/CW/BW: War Weapons Control Act of 1961 Money Laundering Prevention Act of 8 August 2002 as amended (Geldwäschegesetz): financing of terrorism. Among other things, the Act established Germany's Financial Intelligence Unit (FIU) within the Federal Criminal Police Office (BKA) Banking Act of 9 September 1998 Insurance Supervisory Act of 17 December 1992, as amended Payment Services Oversight Act of 25 June 2009, as amended	
16	Control over services related to exports/ transhipments that would contribute to proliferation including transportation	x	x	x	NW/CW/BW: War Weapons Control Act of 1961, as amended	x	x	x	NW/CW/BW: War Weapons Control Act of 1961, as amended, providing financial support or transport services is punishable if deemed to contribute to unauthorized export, re-export or transit	

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1	Assistance offered	The German government offers legal and implementation assistance to all regions on the following subjects: WMD Disarmament, Export Controls, Chemical, Physical Protection. Types of assistance offered: expertise and financial. The Federal Government supports bilaterally through its implementing agencies (Federal Office of Economics and Export Control (BAFA), Customs Authority) the establishment and further development of national export control system in several European and non-European states. This support shall be maintained and partly expanded. Furthermore, Germany has extended assistance in the field of national implementation of the CWC obligations to several countries. Finally, on the occasion of the meeting of state parties to the BTWC Germany also offered to several countries to assist in implementing prohibition and export control obligations pursuant to BTWC. In addition, Germany has been advising and supporting nations in designing and improving their national systems for physical protection of CBRN materials on a bilateral basis, through direct technical assistance, expert services and training courses in various countries. This support is foreseen to continue.
2	Assistance Point of Contact (for assistance providers only)	Permanent Mission of the Federal Republic of Germany to the United Nations and Federal Foreign Office Berlin
3	Assistance requested	
4	Action taken to work with and inform industry	On a national level Germany holds regular information days and expert discussions with the economic sector, including academia. The comprehensive BAFA website www.bafa.de provides legal and technical information as well as points of contact. On global and regional levels and with regard to resolution 1540 (2004) in 2012 Germany initiated the 1540 Wiesbaden process, which facilitates industry-government dialogue through conferences on export control issues
5	Action taken to work with and inform the public	The Federal Ministries and BAFA have published pamphlets and information sheets to be read and downloaded from respective websites (from legal texts to explanation of administrative practice).
6	Point of Contact	Permanent Mission of the Federal Republic of Germany to the United Nations Ms. Xenia Jakob (Counsellor, Permanent Mission of Germany to the United Nations) Tel: 212-940-0429, Fax: 212-940-0403 Email: pol-2-1-vn@newy.auswaertiges-amt.de Federal Foreign Office Berlin Mr. Alexander Kamprad (OR09, Federal Foreign Office)

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7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	