

# 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.

<b>State:</b>	<b>Republic of Korea</b>
<b>Date of Report:</b>	<b>27 October 2004</b>
<b>Dates of Additional Reports:</b>	<b>26 September 2005</b>
	<b>14 December 2007</b>
	<b>12 November 2013</b>
<b>Date of Approval:</b>	<b>9 December 2020</b>

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

Adherence to legally binding instruments, membership of organisations, 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 23 April 1975	
2	Nuclear Weapons Free Zone/ Protocol(s)		
3	International Convention for the Suppression of Acts of Nuclear Terrorism	Deposit 29 May 2014	
4	Convention on Physical Protection of Nuclear Material (CPPNM)	Deposit 7 February 1982	
5	2005 Amendment to the CPPNM	Deposit 29 May 2014	
6	Comprehensive Nuclear-Test-Ban Treaty (CTBT) (not in force)	Deposit 24 September 1999	
7	Chemical Weapons Convention (CWC)	Deposit 28 April 1997	
8	Biological Weapons Convention (BWC)	Deposit 25 June 1987	
9	Geneva Protocol of 1925	Deposit 4 January 1989	
10	1997 International Convention for the Suppression of Terrorist Bombings	Deposit 17 February 2004	
11	1999 International Convention for the Suppression of the Financing of Terrorism	Deposit 17 February 2004	

12	2005 Protocol to the Convention for the suppression of unlawful acts against the safety of maritime navigation		
13	2005 Protocol to the Protocol for the suppression of unlawful acts against the safety of fixed platforms located on the continental shelf		
14	2010 Convention on the Suppression of Unlawful Acts Relating to International Civil Aviation		
15	Other relevant regional legally binding instruments		
16	International Atomic Energy Agency (IAEA)	Since 8 August 1957	
17	Directly relevant Arrangements	Australia Group (1996) Missile Technology Control Regime (2001) Nuclear Suppliers Group (1995) Wassenaar Arrangement (1996) Zangger Committee (1995) Proliferation Security Initiative (PSI) (2009) Partner of Global Initiative to Combat Nuclear Terrorism (GICNT) (2007) G7- Global Partnership	
18	Statement on non-provision of WMD and related materials to non-State actors	State reported that it does not and will not provide any form of support to non-State actors that attempt to develop, acquire, manufacture, possess, transport, transfer or use nuclear, chemical, biological weapons and their means of delivery.	
19	Membership in relevant international, regional or sub-regional organisations	World Customs Organization (WCO) and its Framework of Standards to Secure and Facilitate Global Trade (SAFE) Programme Financial Action Task Force (FATF) Asia/Pacific Group on Money Laundering (APG) INTERPOL World Health Organization (WHO) World Organisation for Animal Health (OIE) International Maritime Organization (IMO) ASEAN Regional Forum (ARF)	

## II. OP 2 - Nuclear Weapons (NW), Chemical Weapons (CW) and Biological Weapons (BW)

National legislation which prohibits persons or entities to engage in one of the following activities and its enforcement		National legal framework						Enforcement and civil/criminal penalties			Remarks
		X / ?			Source document of national implementation law	X / ?			Source document		
		N W	C W	B W		N W	C W	B W			
1	manufacture	X	X	X	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 Firearms, Swords and Explosives Control Act (FKECA) 1961, as amended</p> <p><b>CW/BW:</b> Act on the Prohibition of Chemical and Biological Weapons and the Control of the Production, Export, and Import of Specific Chemicals and Biological Agents (CBWPA) of 2006, as amended, article 4-2</p>	X	X	X	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 Criminal Code, as amended, article 8 (Application of General Provisions) FKECA 1961, as amended</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 25, penalties for violations of the prohibitions include a maximum penalty of a life sentence, minimum five years or 100 million won</p>		
2	acquire	X	X	X	<p><b>NW:</b> Act on Counter-Terrorism for the Protection of Citizens and Public Security (Counter-Terrorism Act) 2016, as amended, article 2(e) Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 (accept) FKECA 1961, as amended</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 4-2</p>	X	X	X	<p><b>NW:</b> Counter-Terrorism Act 2016, as amended, articles 2(e) and 17 Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 Criminal Code, as amended, article 8 FKECA 1961, as amended</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 25</p>		
3	possess	X	X	X	<p><b>NW:</b> Counter-Terrorism Act 2016, as amended, article 2(e) Nuclear Safety Act 2011, as amended, article 45 Act on Physical Protection and Radiological Emergency 2003, as amended, article 47</p>	X	X	X	<p><b>NW:</b> Counter-Terrorism Act 2016, as amended, article 2(e) and 17 Nuclear Safety Act 2011, as amended, articles 116 and 117 Act on Physical Protection and Radiological Emergency 2003, as amended, article 47</p>		

					FKECA 1961, as amended  <b>CW/BW:</b> CBWPA 2006, as amended, article 4-2				Criminal Code, as amended, article 8 FKECA 1961, as amended All these Acts are penalized by these laws  <b>CW/BW:</b> CBWPA 2006, as amended, article 25	
4	develop	?	X	X	<b>NW:</b> FKECA 1961, as amended  <b>CW/BW:</b> CBWPA 2006, as amended, article 4-2	?	X	X	<b>NW:</b> FKECA 1961, as amended Criminal Code, as amended, article 8  <b>CW/BW:</b> CBWPA 2006, as amended, article 25	
5	transport	X	X	X	<b>NW:</b> Counter-Terrorism Act 2016, as amended, article 2(e) Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47 FKECA 1961, as amended  <b>CW/BW:</b> CBWPA 2006, as amended, article 4-2	X	X	X	<b>NW:</b> Counter-Terrorism Act 2016, as amended, articles 2(e) and 17 Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 Criminal Code, as amended, article 8 FKECA 1961, as amended  <b>CW/BW:</b> CBWPA 2006, as amended, article 4-2	
6	transfer	X	X	X	<b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 (accept) Nuclear Safety Act 2011, as amended, article 94 FKECA 1961, as amended  <b>CW/BW:</b> CBWPA 2006, as amended, article 4-2	X	X	X	<b>NW:</b> Nuclear Safety Act 2011, as amended, article 117-6 Act on Physical Protection and Radiological Emergency 2003, as amended, article 47 FKECA 1961, as amended  <b>CW/BW:</b> CBWPA 2006, as amended, article 25	
7	use	X	X	X	<b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, articles 2(d) and 2(e)  <b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47	X	X	X	<b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, article 2(d)-(e) and 17 Criminal Code, as amended, article 8  <b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47	

				<p>FKECA 1961, as amended</p> <p><b>CW/BW:</b> CBWPA 2006 as amended, article 4-2 “use”</p>			<p>FKECA 1961, as amended</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 25</p>		
8	attempt to engage in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, article 3</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47(9) and 47(10)</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 25(3)</p>	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, articles 3 and 17 Criminal Code, as amended, article 8</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47(9) and 47(10)</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 25(3)</p>
9	participate as an accomplice in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, article 3 Criminal Code, as amended</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47(6)</p>	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, articles 3 and 17 Criminal Code, as amended, articles 8, 30 (accessories aid and abet) and article 261 (“use of special violence”, “Crime committed by carrying a dangerous weapon”)</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47</p>
10	assist in abovementioned activities	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, article 3 Criminal Code, as amended</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47(6)</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 4-2</p>	X	X	X	<p><b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, article 3 and 17 Criminal Code, as amended, articles 8 and 30 (accessories aid and abet) and article 261 (use of special violence)</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 47(6)</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 25</p>

11	finance abovementioned activities	X	X	X	<b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, article 2(3) and 17 Act on Prohibition against the Financing of Terrorism and Proliferation of WMD, as amended, article 5-2 Financial Transaction Reports Act, as amended Prohibition of Financing for Offences of Public Intimidation Act article 2 (e)-(d) Proceeds of Crime Act, article 3	X	X	X	<b>NW/CW/BW:</b> Counter-Terrorism Act 2016, as amended, articles 2(3) and 17 Act on Prohibition against the Financing of Terrorism and Proliferation of WMD, as amended, articles 6-7 Financial Transaction Reports Act, as amended, article 3 creates the Financial Intelligence Unit (FIU) and articles 13-17, penalties with the amendment strengthening article 17 Prohibition of Financing for Offences of Public Intimidation Act, article 6 Proceeds of Crime Act, articles 5-6
12	abovementioned activities related to means of delivery <sup>1</sup>		X	X	<b>CW/BW:</b> CBWPA 2006, as amended, article 2(1) and (7) (definitions)		X	X	<b>CW/BW:</b> CBWPA 2006, as amended, article 25

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 <sup>2</sup>

Measures to establish domestic controls to prevent the proliferation of NW, CW, BW, and their means of delivery; controls over related materials		National legal and/or regulatory framework				Enforcement and civil/criminal penalties				Remarks
		X /?			Source document	X /?			Source document	
		N W	C W	B W *		N W	C W	B W		
1	Measures to account for production	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 20-29 (Operation of Nuclear Power Reactor and Related Facilities), 30-34 (Construction and Operation of Research Nuclear Reactors), 35-44 (Nuclear Fuel Cycling Business), 45-52 (Use of Nuclear Material) Act of Physical Protection and Radiological Emergency 2003, as amended, articles 3-12 and 14</p> <p><b>CW:</b> CBWPA 2006, as amended, articles 5, 13 and 21</p> <p><b>BW:</b> CBWPA 2006, as amended, articles 5-2, 6-2, 18-2 and 21</p>	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 113-121: Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> CBWPA 2006, as amended, penal provisions</p> <p><b>BW:</b> CBWPA 2006, as amended, articles 2 and 8-2 (Inspections and Suspension of production or closure of facility) and penal provisions Electronic Tracking System both for CBWPA and Plant Quarantine Act implementation Presidential Decree of the CBWPA: annual report of production, consumption, processing of Scheduled Chemicals, administrative supervision such as inspection, inventory check, etc., record-keeping for 5 years</p>	
2	Measures to account for use	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 45-52 (Use of Nuclear Material) Act on Physical Protection and Radiological Emergency 2003, as amended, articles 3-12 and 14</p>	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 113-121 Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p>	



				<p>Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> CBWPA 2006, articles 5, 13 and 21</p> <p><b>BW:</b> CBWPA 2006, articles 6-2, 18-2 (inspection) and 21</p>				<p><b>CW:</b> CBWPA 2006, as amended, penal provisions</p> <p><b>BW:</b> CBWPA 2006, as amended articles 2 and 8-2 (Inspections and Suspension of production or closure of facility) and penal provisions Electronic Tracking System both for CBWPA and Plant Quarantine Act implementation Presidential Decree of the CBWPA: annual report of production, consumption, processing of Scheduled Chemicals, administrative supervision such as inspection, inventory check, etc., record-keeping for 5 years</p>		
3	Measures to account for storage	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 10-52 (Use of Nuclear Materials) Act on Physical Protection and Radiological Emergency 2003, as amended, articles 3-12 and 14 Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> CBWPA 2006, as amended, articles 5, 13 and 21</p> <p><b>BW:</b> CBWPA 2006, as amended, articles 13-2 (reporting on possession), 18-2 and 21 Act on the Prevention of Infectious Diseases amended in July 2007 to include pathogens and related requirements January 2006 amendment to the Enforcement Ordinance and Enforcement Regulation for safety management covers safekeeping, separation, transportation, and exposal of pathogens</p>	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 113-121 Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> CBWPA 2006, as amended, penal provisions</p> <p><b>BW:</b> CBWPA 2006, as amended, penal provisions Electronic Tracking System both for CBWPA and Plant Quarantine Act implementation Must provide annual status report on storage to the Korean Center for Disease Control</p>	

4	Measures to account for transport	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 71-77 (transportation) Act on Physical Protection and Radiological Emergency 2003, as amended, article 13 (Protection during International Transport) Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> CBWPA 2006, as amended, articles 11, 13 and 21</p> <p><b>BW:</b> CBWPA 2006, as amended, article 11 Act on the Prevention of Infectious Diseases amended in July 2007 to include pathogens and related requirements January 2006 amendment to the Enforcement Ordinance and Enforcement Regulation for safety management covers safekeeping, separation, transportation, and exposal of pathogens</p>	X	X	X	<p><b>NW:</b> Nuclear Safety Act 2011, as amended, articles 113-121 Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> CBWPA 2006, as amended, penal provisions</p> <p><b>BW:</b> CBWPA 2006, as amended, penal provisions Electronic Tracking System both for CBWPA and Plant Quarantine Act implementation Must provide annual status report on storage to the Korean Center for Disease Control</p>	
5	Measures to secure production	X	X	X	<p><b>NW/CW/BW:</b> Counter Terrorism Act 2016, as amended, article 10, 11 Presidential Decree of Counter Terrorism Act, as amended 2017, article 25</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency, Presidential Decree 2004, as amended, article 16 Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> Chemicals Substances Control ACT 2014, as amended through 2017, articles 5, 13</p> <p><b>BW:</b> CBWPA 2006, as amended, Article 6-2: Submit security management plan reports</p>	X	?	X	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended 2020, articles 57-64</p> <p><b>BW:</b> Electronic Tracking System both for CBWPA and Plant Quarantine Act implementation</p>	

									Laboratory Safety Guidelines	
6	Measures to secure use	X	X	X	<p><b>NW/CW/BW:</b> Counter Terrorism Act 2016, as amended, article 10, 11 Presidential Decree of Counter Terrorism Act, as amended, article 25</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency, Presidential Decree 2004, as amended, article 16 Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended through 2017, articles 5, 13</p> <p><b>BW:</b> CBWPA 2006, as amended, Article 6-2 Submit security management plan reports</p>	X	?	X	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended, articles 57-64</p> <p><b>BW:</b> Electronic Tracking System both for CBWPA and Plant Quarantine Act implementation Laboratory Safety Guidelines</p>	
7	Measures to secure storage	X	X	X	<p><b>NW/CW/BW:</b> Counter Terrorism Act 2016, as amended, article 10, 11 Presidential Decree of Counter Terrorism Act, as amended 2017, article 25</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency, Presidential Decree 2004, as amended, article 16 Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended, articles 5, 13</p> <p><b>BW:</b> CBWPA 2006, as amended, article 6-2</p>	X	?	X	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended, articles 57-64</p> <p><b>BW:</b> Must provide annual status report on storage to the Korean Center for Disease Control</p>	

8	Measures to secure transport	X	X	X	<p><b>NW/CW/BW:</b> Counter Terrorism Act 2016, as amended, article 10, 11 Presidential Decree of Counter Terrorism Act, as amended 2017, article 25</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, article 13 Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended through 2017, articles 5, 13</p> <p><b>BW:</b> Transboundary Movement, etc. of Living Modified Organisms Act Infectious Disease Control and Prevention Act</p>	X	?	?	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, articles 47-52</p> <p><b>CW:</b> Chemicals Substances Control Act 2014, as amended, articles 57-64</p> <p><b>BW:</b> Transboundary Movement, etc. of Living Modified Organisms Act Infectious Disease Control and Prevention Act</p>	
9	Physical protection measures	X	X	X	<p><b>NW/CW/BW:</b> Counter Terrorism Act 2016, as amended, articles 10, 11 Presidential Decree of Counter Terrorism Act, as amended 2017, article 25</p> <p><b>NW:</b> Act on Physical Protection and Radiological Emergency 2003, as amended, articles 3-16 Inspective Regulation on Accountancy and Security of Specific Atomic Substances</p> <p><b>CW:</b> Act on the Management of Military Supplies (AMMS)</p> <p><b>BW:</b> Act on the Management of Military Supplies (AMMS) Transboundary Movement, etc. of Living Modified Organisms Act, article 21 Infectious Disease Control and Prevention Act</p>	X	X	X	<p><b>NW:</b> Act on Physical Protection and Radiological Emergency May 2003, as amended, articles 47-52</p> <p><b>CW:</b> Presidential Decree of the AMMS</p> <p><b>BW:</b> Presidential Decree of AMMS Transboundary Movement, etc. of Living Modified Organisms Act, article 21 Infectious Disease Control and Prevention Act</p>	

10	Personnel Reliability	X	X	X	<b>NW:</b> Nuclear Safety Act 2011, as amended, article 85  <b>CW/BW:</b> CBWPA 2006, as amended, article 6	X	X	X	<b>NW:</b> Nuclear Safety Act 2011, as amended, article 86  <b>CW/BW:</b> CBWPA Penal provisions: Maximum penalty is life sentence	
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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](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)**

Measures to establish domestic controls to prevent the proliferation of NW, and their means of delivery; controls over related materials		Source document	Remarks
1	National regulatory authority	Nuclear Safety Act 2011, as amended Act on the Establishment and Operation of the Nuclear Safety and Security Commission 2011, as amended Nuclear Safety and Security Commission (established in 2011) is in charge of national regulation of NW related materials and technologies. KINAC (Korea Institute of Nuclear Non-proliferation and Control) is a specialized regulatory body in implementing nuclear non-proliferation measures, including safeguards, export control, and physical protection.	
2	Licensing of nuclear installations/entities/ use of materials	Nuclear Safety Act 2011, as amended Act on Physical Protection and Radiological Emergency, as amended, / Enforcement Decree / Enforcement Regulation Inspective Regulation on Accountancy and Security of Specific Atomic Substances	
3	IAEA Safeguards Agreements	Safeguards Agreement, in force 14 November 1975 (INFCIRC /236) Additional Protocol ratified 19 February 2004	
4	IAEA Code of Conduct on Safety and Security of Radioactive Sources	Notification pursuant to GC(47)/RES/7.B The Director, Radiation Protection Department, Ministry of Health is the POC for the Code of Conduct	
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 Response to a Self-Assessment Questionnaire pursuant to the Supplementary Guidance. Contact Point Designated: Radiation Safety Division, Radiation Emergency Bureau Nuclear Safety and Security Commission (NSSC) (Primary contact point Email: <a href="mailto:jslee@nssc.go.kr">jslee@nssc.go.kr</a> ) Source Safety Department, Division of Radiation Regulation Korea Institute of Nuclear Safety (KINS)(Technical contact point Email: <a href="mailto:k221kwt@kins.re.kr">k221kwt@kins.re.kr</a> )	
6	IAEA Incident and Trafficking Database	Participate	

7	Integrated Nuclear Security Support Plan (INSSP) / International Physical Protection Advisory Service (IPPAS)	IAEA International Physical Protection Advisory Service (IPPAS) conducted in Feb 2014	
8	Applying the physical protection recommendations in INFCIRC/225/Rev.5	Applied through the Enforcement Decree (2004) of the Act on Physical Protection and Radiological Emergency, as amended in 2013.	
9	Other Agreements related to IAEA	Convention on Early Notification of a Nuclear Accident, deposit 08 June 1990 Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency, deposit 08 June 1990 Convention on Nuclear Safety, deposit 19 September 1995 Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste management, deposit 16 September 2002 Regional Cooperative Agreement for Research, Development and Training Related to Nuclear Science and technology 2017	
10	National legislation and regulations related to nuclear material including CPPNM	Act on Physical Protection and Radiological Emergency 2003, as amended/ Enforcement Decree/ Enforcement Regulation	

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

Measures to establish domestic controls to prevent the proliferation of CW, and their means of delivery; controls over related materials		Source document	Remarks
1	National CWC authority	CBWPA 2006, Article 4 Ministry of Foreign Affairs	
2	Licensing/registration of installations/facilities/ persons/entities/use/ handling of related materials	CBWPA 2006, as amended, articles 5, 6, 12	
3	Old or abandoned chemical weapons	Act on the Control of Firearms, Swords, Explosives, etc. (FKECA) 1961, as last amended 2008, article 73	



**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	Source document	Remarks
<p>1 Licensing/registration of installations/facilities/ persons/entities/use/ handling of materials</p>	<p>Pharmaceutical Affairs Act (PAA) The Korean Food and Drug Administration has the licensing authority under the PAA and its Enforcement Regulations - Regulations on Management of Manufacturing and Sale of Biological Products</p>	

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

Border controls and export and trans-shipment controls to prevent the proliferation of nuclear, chemical and biological weapons and their means of delivery including related materials		National legal framework					Enforcement and civil/criminal penalties					Remarks
		X/?			Source document	X/?			Source document			
		N W	C W	B W		N W	C W	B W				
1	Border control to detect, deter, prevent and combat illicit trafficking	X	X	X	<b>NW/CW/BW:</b> Customs Act 1949, as amended through 2017, articles 134-152, 226, 236-245 and 265 Foreign Trade Act, as amended through 2016,	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, amended by Act No. 10231, 5 April 2010 articles 53-59 Customs Act 1949, as amended, articles 173 and 246-282 Commissioner of the Customs to inspect and supervise importation and exportation of certain items			
2	Law enforcement to detect, deter, prevent and combat illicit trafficking	X	X	X	<b>NW/CW/BW:</b> Customs Act 1949, as amended, articles 134-153 and 236-245	X	X	X	<b>NW/CW/BW:</b> Korea Customs Service, Ministry of Strategy and Finance National police, maritime police, immigration authorities			
3	Border control detection measures	X	X	X	<b>NW/CW/BW:</b> Enforcement Decree of the Foreign Trade Act, Article 30 authorizes a computerized management system Customs Act 1949, as amended, article 327	X	X	X	<b>NW/CW/BW:</b> Cargo Selectivity Risk Management System Single Window Platform Customs Act 1949, as amended, articles 173 and 246-282 "The Government uses the vessel selectivity system to electronically screen ships with a high likelihood of being used for crimes such as terrorism or smuggling."			
4	Control of brokering	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 2(3) (definition covers brokers) and 24(Brokerage of strategic items)	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, as amended, articles 53-59 Customs Act 1949, as amended, articles 173 and 246-282			

5	Export control legislation in place	X	X	X	<p><b>NW/CW/BW:</b> Foreign Trade Act, as amended, Chapter III, Section III: Exportation and Importation of strategic Items, including articles 19-31 Defence Acquisition Programme Act 2006</p> <p><b>NW:</b> Nuclear Safety Act, as amended, article 107</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 11</p>	X	X	X	<p><b>NW/CW/BW:</b> Foreign Trade Act, as amended, articles 23(Order to Halt), 28(Information Systems for Management of Exportation and Importation of Strategic Items), 53-59, Punitive sanctions for offenses made with an objective of proliferation (Imprisonment up to 7 years or fine up to 5 times the transaction value) Strategic Trade Information System; Korea Security Agency of Trade and Industry</p> <p><b>CW/ BW:</b> CBWPA 2006, as amended, penal provisions</p>
6	Licensing provisions and Authority	X	X	X	<p><b>NW/CW/BW:</b> Foreign Trade Act, as amended, articles 14, 19(2)-(4) Defence Acquisition Programme Act 2006</p> <p><b>NW:</b> Nuclear Safety Act, as amended, article 107</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 11: Export Authorization required</p>	X	X	X	<p><b>NW/CW/BW:</b> Foreign Trade Act, as amended, articles 19, 23, 53-59 Ministry of Trade, Industry and Energy Defence Acquisition Programme Administration – Defence Technology Control Bureau Council on Export and Import of Strategic Items (2008) Ministry of Trade, Industry and Energy (MOTIE) for dual use items Nuclear Safety and Security Commission (NSSC) for nuclear material and technology.</p> <p><b>CW/BW:</b> CBWPA 2006, as amended, article 11 and penal provisions</p>
7	Control lists of materials, equipment and technology	X	X	X	<p><b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 19 and 20 specifies the export regulation of the items on the Control List. (Public Notice of Exportation and Importation of Strategic Items)</p>	X	X	X	<p><b>NW/CW/BW:</b> Public Notice of Exportation and Importation of Strategic Items incorporate the control items under NSG, AG, and includes a penalty clause Foreign Trade Act, as amended, the Ministry of</p>

				Details are stipulated in the Enforcement Decree of the Foreign Trade Act and the Public Notice of Exportation and Importation of Strategic Items			Trade, Industry and Energy publishes lists of strategic items in [Annex 2] and [Annex 3] of the (Public Notice of Exportation and Importation of Strategic Items) and the guiding principles of the Multilateral Export Control Regimes Listed items linked with Harmonized Commodity Description and Coding	
8	Intangible technology transfers	X	X	X <b>NW/CW/BW:</b> Foreign Trade Act 1986, as amended, article 2 Foreign Trade Act 1986, as amended 2007 establishes the concept of electronic trade to address trade implemented in whole or in part by means of information or communications networks and Foreign Trade Act, amended by Act No. 10231, 5 April 2010, article 2, and in 2013 to tighten controls on intangible transfer of technology relating to WMD and their means of delivery. Under the amended Act, which came into force as of January 2014, government licences would be required for all cases where technologies related to strategic items are transferred overseas, or where a Republic of Korea national, whether in the Republic of Korea or in a foreign country, engages in the transfer of such technologies to foreign nationals.	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 53-59 Customs Act 1949, as amended, articles 173 and 246-282
9	Inclusion of means of delivery	X	X	X <b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 19(3) Act on Special Measures for Defense Industry Act on the Management of Military Supplies	X	X	X	<b>NW/CW/BW:</b> Public Notice of Exportation and Importation of Strategic Items includes MTCR items, and has a penalty clause
10	End-user controls	X	X	X <b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 19 Public Notice of Exportation and Importation of Strategic Items	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, as amended, articles 53-59 Public Notice of Exportation and Importation of Strategic Items
11	Catch all clause	X	X	X <b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 19(3) Public Notice of Exportation and Importation of Strategic Items, Annex 2-2	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, as amended, article 23 Public Notice of Exportation and Importation of Strategic Items

12	Transit control	X	X	X	<b>NW/CW/BW:</b> Customs Act 1949, as amended, articles 137 & 141 Foreign Trade Act, as amended, article 23(3)	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, amended by Act No. 10231, 5 April 2010, articles 53-59 Customs Act 1949, as amended through 2010, articles 173 and 246-282
13	Trans-shipment control	X	X	X	<b>NW/CW/BW:</b> Customs Act 1949, as amended, articles 140-143 Foreign Trade Act, as amended, article 23(3)	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act, amended by Act No. 10231, 5 April 2010, articles 53-59 Customs Act 1949, as amended through 2010, articles 173 and 246-282
14	Re-export control	X	X	X	<b>NW/CW/BW:</b> Public Notice of Exportation and Importation of Strategic Items	X	X	X	<b>NW/CW/BW:</b> Public Notice of Exportation and Importation of Strategic Items
15	Control over financing of exports/transshipments that would contribute to proliferation	X	X	X	<b>NW/CW/BW:</b> Act on Prohibition against the Financing of Terrorism and Proliferation of WMD, as amended, article 5 Financial Transaction Reports Act, as amended Proceeds of Crime Act, article 3	X	X	X	<b>NW/CW/BW:</b> Act on Prohibition against the Financing of Terrorism and Proliferation of WMD, as amended, articles 6-7 Financial Transaction Reports Act, as amended, article 3 creates the Financial Intelligence Unit (FIU) and articles 13-17, penalties with the amendment strengthening article 17
16	Control over services related to exports/transshipments that would contribute to proliferation including transportation	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act Presidential Decree, as amended, articles 40-2 and 40-3	X	X	X	<b>NW/CW/BW:</b> Foreign Trade Act Presidential Decree, as amended, article 48

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

1	Assistance offered	<p>State reports that they sent instructors to countries where they are invited.</p> <p>Since joining the Global Partnership against the Spread of Weapons and Materials of Mass Destruction in June 2004, the Republic of Korea has made a financial contribution of \$6.3 million to various joint projects aimed at strengthening the non-proliferation of weapons of mass destruction and the control of weapons of mass destruction-related materials.</p> <p>State announced its support for the work of the 1540 Committee and its programmes by providing, voluntarily, financial contributions of \$100 million in The Hague, 2014 Nuclear Security Summit.</p>
2	Assistance Point of Contact (for assistance providers only)	<p>Ms. Hwayeong GU (Deputy Director, Disarmament and Non-proliferation Division Ministry of Foreign Affairs)      Tel: +82-2-2100-7252 Email: hygu19@mofa.go.kr</p> <p>Ms. Da Hee Song (First Secretary, Point of Contact at the Permanent Mission of the Republic of Korea to the United Nations)      Tel: 212-439-4030 Email: dhsong10@mofa.go.kr</p>
3	Assistance requested	
4	Action taken to work with and inform industry	<ul style="list-style-type: none"> <li>- The Korea Security Agency of Trade and Industry (KOSTI) has operated YesTrade, the online platform system for item classification and other related assistance, and provided the industry with consultancy services and training programs.</li> <li>- The Nuclear Safety and Security Commission (NSSC) has run the Nuclear Export and Import Control System (NEPS) to provide the industry with an online platform to control nuclear trade regarding items on the Trigger List. The Korea Institute of Nuclear Non-proliferation and Control (KINAC) has provided consultancy services to industry stakeholders to raise awareness of the enforcement of laws and regulations regarding nuclear export controls.</li> <li>- The Defense Acquisition Program Administration (DAPA) has also provided consultancy services to defense companies to improve their understanding of defense export control laws, policies, and licensing procedures.</li> </ul>
5	Action taken to work with and inform the public	<ul style="list-style-type: none"> <li>- The government of the Republic of Korea has made constant efforts to raise public awareness of the obligations set out in the international export control regimes and non-proliferation arrangements through seminars and news coverages.</li> <li>- Since 2011, the Ministry of Trade, Industry and Energy (MOTIE) and the KOSTI have co-hosted an annual outreach event on export control, entitled 'the Day of Trade Security', to raise the public's awareness of export control policies on strategic items and technologies.</li> <li>- The Ministry of Foreign Affairs (MOFA) and MOTIE have hosted the UNSCR 1540 Industrial Outreach Conference for the Asia-Pacific Region in September 2016 and September 2018, in coordination with the 1540 Committee and United Nations Office for Disarmament Affairs (UNODA) to raise public awareness of the UNSCR 1540, and international efforts to prevent the proliferation of weapons of mass destruction and their delivery systems.</li> <li>- The International Nuclear Security Academy has provided programs on nuclear security, safeguards, and export control for the public since its establishment in 2014.</li> </ul>

		- Since 2014, DAPA has held an international conference, entitled 'International Defense Technology Security Conference', annually and provided the public with information on defense technology security and related export control policies.
6	Point of Contact	<p>Ms. Hwayeong Gu (Deputy Director, Disarmament and Non-proliferation Division Ministry of Foreign Affairs)      Tel: +82-2-2100-7252 Email: hygu19@mofa.go.kr</p> <p>Ms. Da Hee Song (First Secretary, Point of Contact at the Permanent Mission of the Republic of Korea to the United Nations)      Tel: 212-439-4030 Email: dhsong10@mofa.go.kr</p>
7	Voluntary National Implementation Action Plan (NAP)	
8	1540 Committee visits to States	1540 Committee visited the Republic of Korea on 18-19 November 2013.