Conference on Disarmament

20 September 2017

Original: English

Note verbale dated 15 September 2017 from the Permanent Mission of the Republic of Korea to the Secretary General of the Conference on Disarmament

The Permanent Mission of the Republic of Korea to the United Nations Office and other International Organizations in Geneva presents its compliments to Mr. Michael Møller, Secretary-General of the Conference on Disarmament, and has the honor of transmitting to the Secretariat the briefing document presented by a representative of the Republic of Korea on "Nuclear and Missile Threat from the North and ROK Military Countering Posture" at the Conference on Disarmament on 30 August.

The Permanent Mission of the Republic of Korea would appreciate the Secretariat's assistance in issuing and circulating this document as an official document of the Conference on Disarmament.

The Permanent Mission of the Republic of Korea to the United Nations Office and other International Organizations in Geneva avails itself of this opportunity to renew to the Secretary-General of the Conference the assurances of the highest consideration.





Nuclear and Missile Threat from the North and ROK Military Countering Posture

2017.08.30



I.nK Provocations

IK Provocations (1950s)





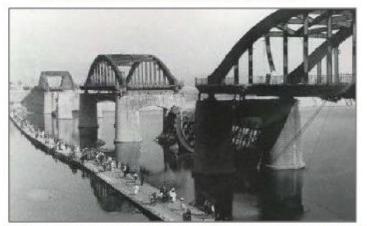
nK's Invasion; Korean War (1950.6.25.)



Occupation of Seoul in 3 days since the beginning of the war (1950.6.28.)



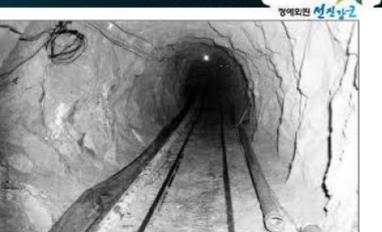
nK Tanks in Seoul (1950.6.28.)



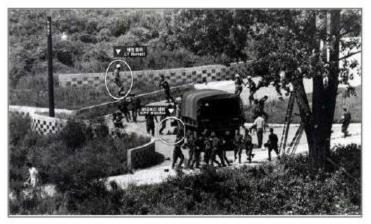
Destroyed Han-gang bridge and displaced civilians

K Provocations (1960s~1980s)

President Assassination Attempt (1968.1.21.)



Digging tunnels for Invasion (1974.11.15.)



Axe-murder incident in Panmunjom (1976.8.18.)



Terror Attack in Burma Killing Cabinet members(1983.10.9.)

IK Provocations (1990s~2010s)





Infiltration of Armed Spy in Gangneung (1996.9.18.)



Torpedoing of ROKN Corvette Cheonan (2010.3.26.)



Shelling of YP-do (2010.11.23.)



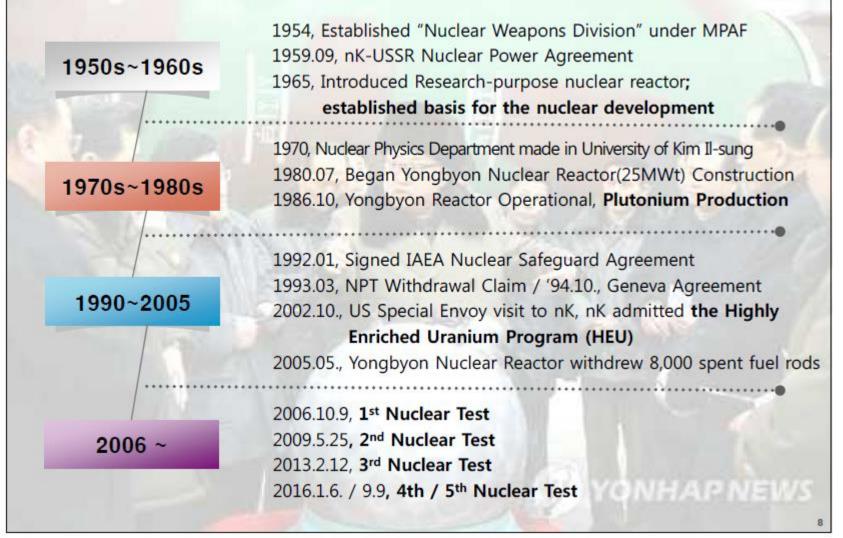
Residents of YP-do evacuated via ships

$\boldsymbol{\Pi}$. nK Nuclear Threat Assessment

- Development Progression
- Threat Assessment
- Nuclear Strategy and Doctrine

Development Progression





hreat Ass	sessmen	t		장에외원 선전 가구
1ªt Nuclear test	2 nd	3rd	4 th	5 th
Yield : 1kt>	Several kt	6~7kt	~6kt	~10kt

Nuclear Material

- Plutonium (Pu): Suspected of in possession of ~50kg
 - Considering their nuclear development progress, ~6kg or less is enough to produce a nuclear weapon
- Highly Enriched Uranium program has also made a substantial progress

Miniaturization

- Considering precedent of other nuclear powers' miniaturization timing (2~7 years) and nK's 1st Nuclear test in 2006, nK's miniaturization technology should be considerably matured
- * nK is expected to attempt at securing 'de-facto nuclear state' status through nuclear capability sophistication via additional nuclear tests and increase in its nuclear arsenal

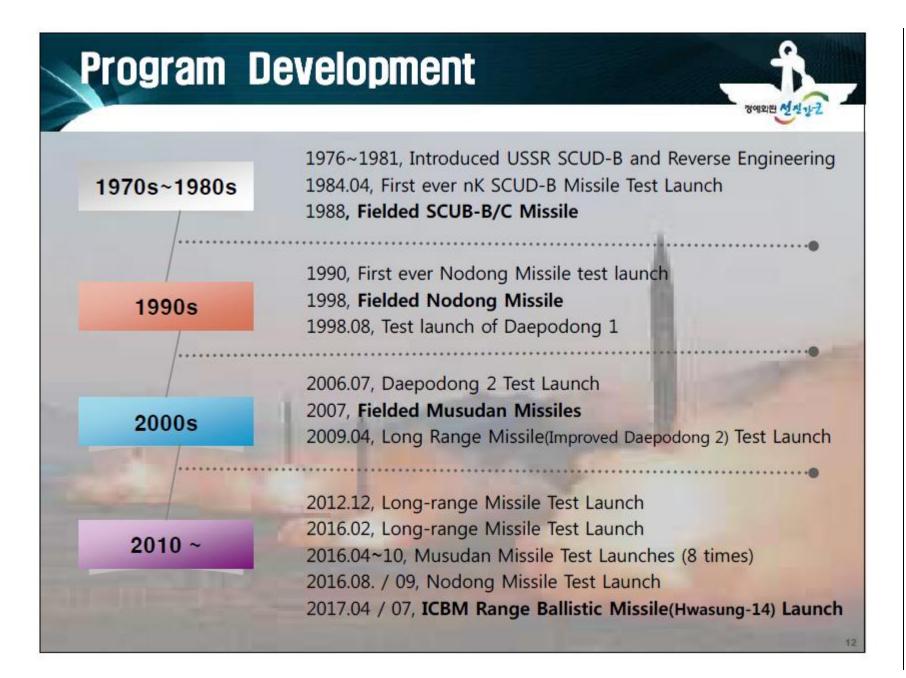
Nuclear Strategy and Doctrine



Solidification of Nuclear State Status Act ('13.4.1.)

- Defined nuclear use by 'Nuclear weapon can only be employed by the final order from the supreme commander'; Created legal basis for KJU' s nuclear control (Article 4)
- Article 2 and 5 of the same act defines the purpose and conditions of nuclear weapons and its use – it also includes the possibility of nuclear use against non-nuclear states
 - Clearly state the possibility of nuclear attack against ROKUS Alliance through the premise of: 'Nuclear weapons will not be used as long as there are no participation to invasion or act of aggression against the North Korea'

III. nK Missile Threat Assessment Program Development Threat Assessment



		장예외원
n <mark>K</mark> is in p	ossession of ~1,000 Ballistic Missiles	
SRBM	• KN-02 (range: 120km) / Fielded • SCUD (range: 300~1000km) / Fielded	
MRBM	• Nodong Missile (range 1,300km) / Fielded	
IRBM	• Musudan (range 3,000km<) / Fielded	
ІСВМ	 Daepodong 2 (range 10,000km<) / test launched Hwasung-13 (range unknown) / in development Hwasung-14 (range ~8,000km) / test launched 	ي ا
SLBM	Pukkuksong (Polaris) (range ~2,000km) / test launched	-

Threat Assessment (2/2)



- Under KJU control, nK conducted total of 38 test launches with 58 ballistic missiles fired
 - * 12 launches with 17 projectiles in this year alone, 6 launches since the new administration (05.10.)
- Latest Hwasung-14 launch in July 28th showed Intercontinental Range Ballistic Missile that is capable of reaching the continental US
- Since 2014, nK conducted ground and under-water ejection test of SLBM; also in development of Gorae-class submarines * nK is expected to field SLBM within 1 to 3 years through

additional testing of missiles and long-range submarine operations capabilities

* nK is also expected to focus national effort to secure re-entry vehicle and terminal guidance technology to complete its ICBM development

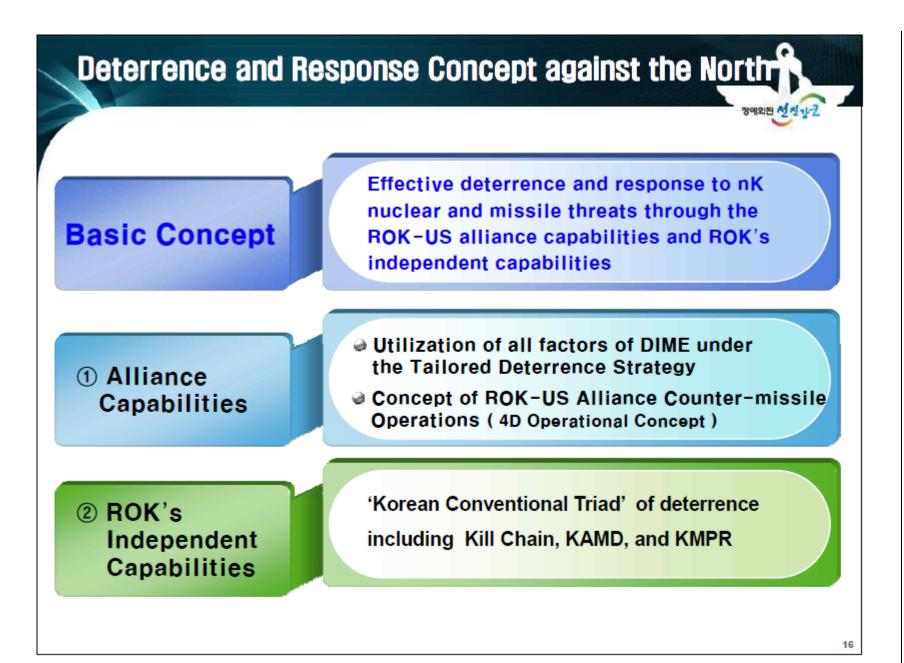
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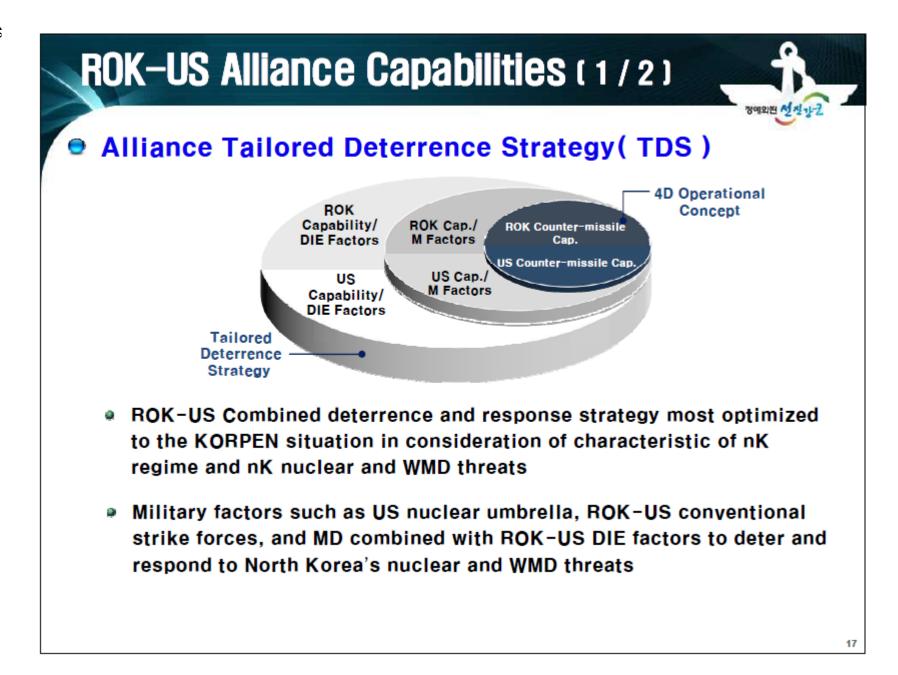
IV. ROK Military Countering Posture

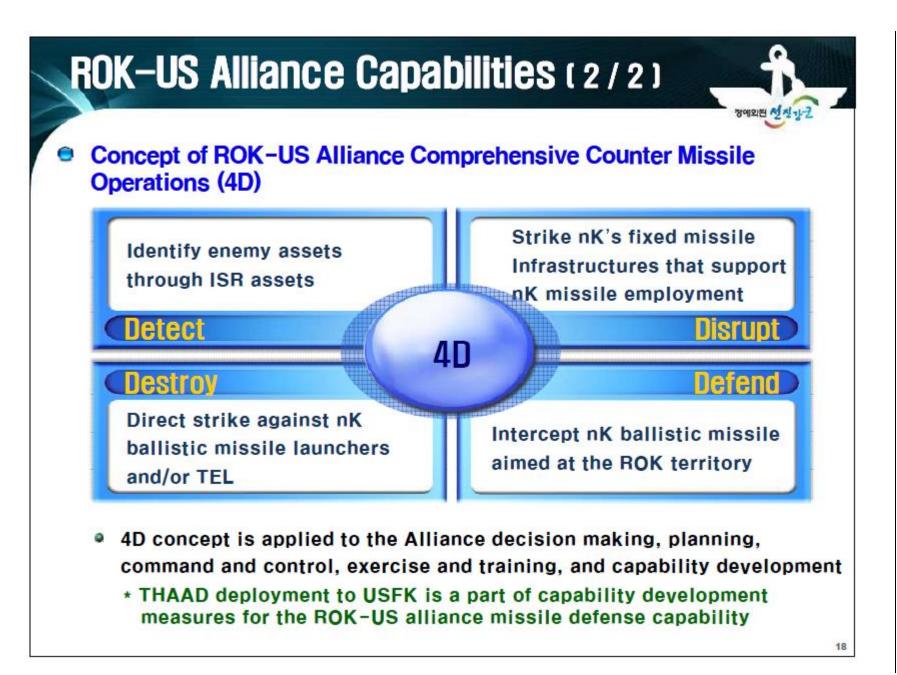
Basic Concept

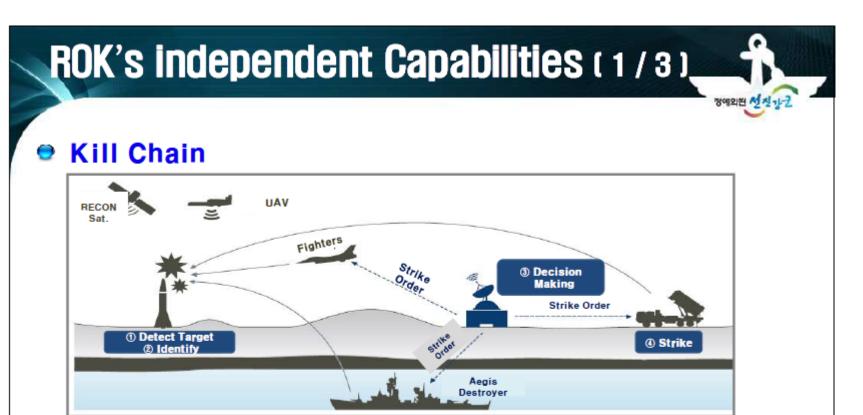
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- ROK-US Alliance Capabilities
- ROK's Independent capabilities

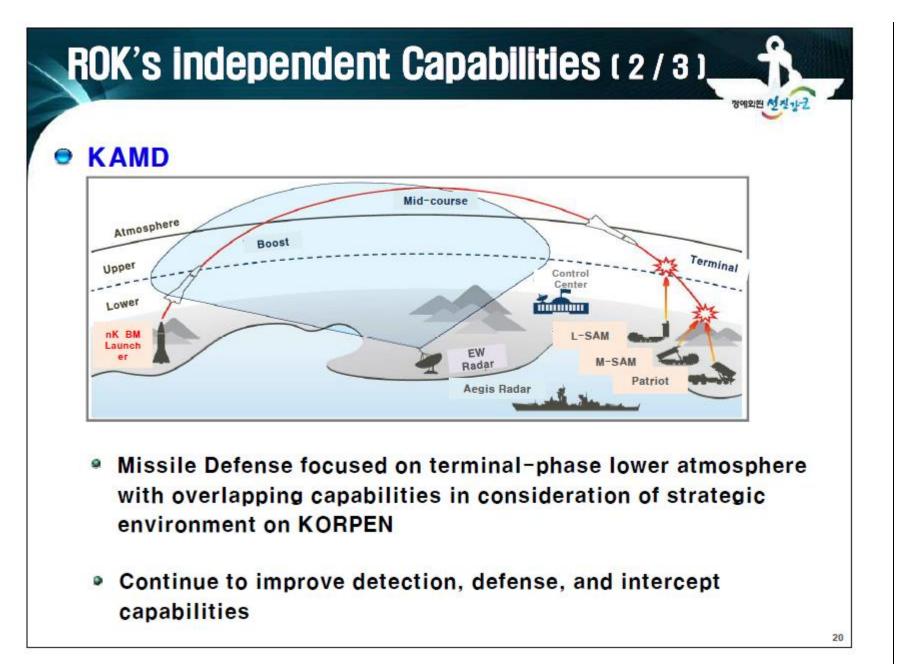








- System to quickly detect and identify crucial HPT within the nK missile area of operations such as TEL and command post in order to make timely decision and to strike
- Improve detection, identification, and strike capabilities in and against entire area of North Korea





Thank You