

New START and Transparency of Nuclear Forces

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IPFM Workshop on Transparency
30-31 March 2012
Princeton

2010 NPT Action Plan

- **Action 21:**

As a confidence-building measure, all the nuclear-weapon States are encouraged to agree as soon as possible on a standard reporting form and to determine appropriate reporting intervals for the purpose of voluntarily providing standard information without prejudice to national security. The Secretary-General of the United Nations is invited to establish a publicly accessible repository, which shall include the information provided by the nuclear-weapon States.

Steps so far

- June 2011 P-5 meeting in Paris
 - A glossary
- Proposal by the Friends of NPT (Berlin Ten)
 - Based on an early draft by Australia and New Zealand
 - Given to P-5 before the Paris meeting. No response
- U.N. web site
 - <http://www.un.org/disarmament/WMD/Nuclear/Repository/>

Australia and New Zealand

	Reporting topic	Details of relevant policies, doctrines, status and reductions to date	Information on planned announcements or reviews of: policy, doctrines, status and future reductions
1	Nuclear doctrine (including measures taken to decrease the operational readiness of nuclear weapons systems and any security assurances)	<i>(current policy framework)</i>	<i>(scheduled policy reviews)</i>
2	Fissile material (policy on production and control)	<i>(current policy framework)</i>	<i>(scheduled policy reviews)</i>
3	Warhead and delivery vehicle holdings	<i>(current numbers, expressed as reductions during NPT review cycle)</i>	<i>(projected reductions)</i>
4	Strategic reductions	<i>(current numbers expressed as reductions during NPT review cycle)</i>	<i>(projected reductions)</i>
5	Tactical reductions	<i>(current numbers expressed as reductions during NPT review cycle)</i>	<i>(projected reductions)</i>

UN Repository



The image is a screenshot of the United Nations Office for Disarmament Affairs (UNODA) website. At the top, there is a navigation bar with the UN logo and the text "Welcome to the United Nations. It's your world." followed by a search bar and buttons for "Search UNODA" and "Search All UN". Below this is a language selection menu with options for Arabic, Chinese, English, Français, Русский, and Español. The main header features the UNODA logo and the text "United Nations Office for Disarmament Affairs" on the left, and a world map with markers for New York, Geneva, Kathmandu, Lima, and Lomé on the right. Below the map is the tagline "... strengthening peace and security through disarmament". The main content area has a heading "Repository of information provided by nuclear-weapon States" and a paragraph of text. A box at the bottom contains the text of Action 21.

Welcome to the United Nations. It's your world.

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 **UNODA**
United Nations Office for Disarmament Affairs

New York Geneva Kathmandu
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... strengthening peace and security through disarmament

Repository of information provided by nuclear-weapon States

Information will be made available on this web page once action is taken in accordance with Action 21 of the Final Document of the 2010 Review Conference of the Parties to the Treaty on the Non-Proliferation of Nuclear Weapons.

Action 21: As a confidence-building measure, all the nuclear-weapon States are encouraged to agree as soon as possible on a standard reporting form and to determine appropriate reporting intervals for the purpose of voluntarily providing standard information without prejudice to national security. The Secretary-General of the United Nations is invited to establish a publicly accessible repository, which shall include the information provided by the nuclear-weapon States.

The record of openness

- United States

- START data
- New START data
 - 5 February 2011, 1 September 2011, February 2012?
 - Aggregate numbers
 - Detailed September 1, 2011 data - no info on warheads, UIDs

- Russia

- START data (via U.S.)
- New START data
 - Only aggregate numbers

Record of openness (continued)

- U.K.
 - 2010 Strategic Defence and Security Review pledged to reduce the arsenal to
 - no more than 120 “operationally available warheads”
 - no more than 180 the “overall nuclear weapon stockpile”

- France
 - 2008 statement:
 - fewer than 300 warheads

- China
 - 2004 statement:
 - “[a]mong the nuclear-weapon states, China ... possesses the smallest nuclear arsenal”
 - Consistent with about 180 deployed warheads

Reporting standards

- New START: “operationally deployed warheads”
 - U.K.: “operationally available warheads”
 - France: “total number of warheads”
 - China: ?
-
- Lack of standards = lack of accountability

New START Definitions

Each year

19. (11.) The term "each year" means during a period of 12 months commencing on the date of entry into force of the Treaty or on an anniversary of that date.

(New START Protocol, Part One)

Warheads

Formal definition

The term "warhead" means a unit of account used for counting toward the 1550 aggregate limit as applied to deployed ICBMs, deployed SLBMs, and deployed heavy bombers.

Practical definition for inspection purposes

"The actual number of reentry vehicles emplaced on a designated deployed ICBM or emplaced on a designated deployed SLBM, or the number of nuclear armaments located on designated deployed heavy bombers."

Missiles

ICBM

The term "intercontinental ballistic missile" or "ICBM" means a land-based ballistic missile with a range in excess of 5500 kilometers.

SLBM

The term "submarine-launched ballistic missile" or "SLBM" means a ballistic missile with a range in excess of 600 kilometers of a type, any one of which has been contained in, or launched from, a submarine.

Universal New START Reporting

- U.K., France, China could submit:
 - New START aggregate numbers
 - Detailed New START data
- Under/over-reporting
 - Only warheads associated with strategic launchers
 - China: No “operationally deployed” strategic warheads?
 - Bomber warheads are undercounted

(Old) START MOU for France

	MSBS M45	MSBS M51	
DEPLOYED SLBMS AND THEIR ASSOCIATED LAUNCHERS	48	16	64
DEPLOYED SLBMS	48	0	48
DEPLOYED LAUNCHERS OF SLBMS	48	16	64
TEST LAUNCHERS	BLANK	BLANK	BLANK
SLEM STATIC DISPLAYS	BLANK	BLANK	BLANK

TOTAL NUMBER

STORAGE FACILITIES FOR SLBMS AND REPAIR FACILITIES FOR SLBMS:	BLANK
	BLANK

SUBMARINE BASE:

Île Longue Strategic Submarine Base, Crozon Peninsula,
Brest, Finistère, Brittany

SLEM TYPE

New START MOU for China

Section III. ICBMs, ICBM Launchers, and Warheads on Deployed ICBMs

P. R. China

	ICBM Type or Variant of a Type				
	DF-4	DF-5A	DF-31	DF-31A	Total
Deployed ICBMs		12	20 10 to 20	10 to 20	52 to 72
Warheads on Deployed ICBMs		0	0	0	0
Non-deployed ICBMs	***	***	***	***	***
Deployed and Non-deployed Launchers of ICBMs		12	20 10 to 20	10 to 20	52 to 72
Deployed Launchers of ICBMs		12	20 10 to 20	10 to 20	52 to 72
Non-deployed Launchers of ICBMs	***	***	***	***	***
Test Launchers	***	***	***	***	***

ICBM Base for Silo Launchers of ICBMs

Name/Location: 54 Base, Luoyang
Coordinates: 34°32'41.89"N 112° 8'55.39"E

ICBM Type or Variant
of a Type

DF-5A

From transparency to disarmament

- No disarmament obligations implied
- Aggregate data
- Consultations with U.S. and/or Russia
- Detailed data
- Work with BCC, multilateral consultations
- Inspections
- Disarmament obligations