New START Treaty Aggregate Numbers of Strategic Offensive Arms

Categories of U.S. Data Pertaining to Strategic Offensive Arms

As of September 1, 2012

Documents assembled by
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Federation of American Scientists
November 30, 2012



New START Treaty Aggregate Numbers of Strategic Offensive Arms

BUREAU OF ARMS CONTROL, VERIFICATION AND COMPLIANCE Fact Sheet November 30, 2012

(Data in this Fact Sheet comes from the biannual exchange of data required by the Treaty. It contains data declared current as of September 1, 2012. Data will be updated each six month period after entry into force of the Treaty.)¹

Category of Data	United States of America	Russian Federation
Deployed ICBMs, Deployed SLBMs, and Deployed Heavy Bombers	806	491
Warheads on Deployed ICBMs, on Deployed SLBMs, and Nuclear Warheads Counted for Deployed Heavy Bombers	1722	1499
Deployed and Non-deployed Launchers of ICBMs, Deployed and Non-deployed Launchers of SLBMs, and Deployed and Non-deployed Heavy Bombers	1034	884

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¹ The complete unclassified data for the United States is available upon request from the Bureau of Arms Control, Verification and Compliance, U.S. Department of State, Washington, DC. Please contact Jamie Mannina at ManninaJF@state.gov.

Effective Da

Effective Date: September 1, 2012

United States of America Data

ICBMs and ICBM Launchers	MM-III	PK	Total
Deployed ICBMs	449	0	449
Non-deployed ICBMs	263	58	321
Deployed and Non-deployed Launchers of ICBMs	506	51	557
Deployed Launchers of ICBMs	449	0	449
Non-deployed Launchers of ICBMs	57	51	108
Test Launchers	6	1	7

SLBMs and SLBM Launchers	Trident II	Total
Deployed SLBMs	239	239
Non-deployed SLBMs	180	180
Deployed and Non-deployed Launchers of SLBMs	336	336
Deployed Launchers of SLBMs	239	239
Non-deployed Launchers of SLBMs	97	97
Test Launchers	0	0

Heavy Bombers	B-2A	B-52G	В-52Н	Total
Deployed Heavy Bombers	10	30	78	118
Non-deployed Heavy Bombers	10	0	13	23
Test Heavy Bombers	1	0	2	3
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0	0



U.S. Categories of Data Pertaining to Strategic Offensive Arms¹

Data in this Fact Sheet comes from the biannual exchange of data required by the Treaty. It contains data declared current as of September 1, 2012. Data will be updated each six month period after entry into force of the Treaty.

 $^{^{1}}$ Within tables, a "--" denotes that the entry is not applicable.

Data as of: 01 Sep 2012

CATEGORIES OF DATA PERTAINING TO STRATEGIC OFFENSIVE ARMS

Section II. Aggregate Numbers

For each Party, the data on aggregate numbers of strategic offensive arms limited by the Treaty are as follows:

United States of America

Deployed ICBMs, Deployed SLBMs, and Deployed Heavy Bombers	806
Warheads on Deployed ICBMs, on Deployed SLBMs, and Nuclear Warheads Counted for Deployed Heavy Bombers	1722
Deployed and Non-deployed Launchers of ICBMs, Deployed and Non-deployed Launchers of SLBMs, and Deployed and Non-deployed Heavy Bombers	1034

ICBM Type or Variant of a Type

Section III. ICBMs and Launchers of ICBMs

For each Party, the numbers of deployed ICBMs, non-deployed ICBMs, deployed launchers of ICBMs, non-deployed launchers of ICBMs, as well as data on facilities associated with ICBMs, are as follows:

2. United States of America

			, , ,
	MM-III	<u>PK</u>	Total
Deployed ICBMs	449	0	449
Non-deployed ICBMs	263	58	321
Deployed and Non-deployed Launchers of ICBMs	506	51	557
Deployed Launchers of ICBMs	449	0	449
Non-deployed Launchers of ICBMs	57	51	108
Test Launchers	6	1	7

ICBM Base for Silo Launchers of ICBMs

Name/Location: F.E. WARREN MISSILE COMPLEX, WYOMING

ICBM Type or Variant of a Type

MM-III PK

UNCLASSIFIED

U.S. Categories of Data	UNCLASC		Effective Date –	01 Sep 20	012
	Deployed ICBMs			149	0
	Deployed Silo Launchers of ICBMs			149	0
	Non-deployed Silo Launchers of ICBMs			1	50
	Silo Launcher Group:	ALPHA			
	Silo Launchers			\	ICBM Type or Variant of a Type
	A-2 A-3 A-4 A-5 A-6 A-7 A-8 A-9 A-10 A-11				MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
	Silo Launcher Group:	BRAVO			

	Silo Launchers		ICBM Type or Variant of a Type
	B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11		MM-III
Silo Launcher Group:		CHARLIE	
	Silo Launchers		ICBM Type or Variant of a Type
	C-2 C-3 C-4 C-5 C-6 C-7 C-8 C-9 C-10 C-11		MM-III
Silo Launcher Group:		DELTA	

	Silo Launchers		ICBM Type or Variant of a Type
	D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-9 D-10 D-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		ECHO	
	Silo Launchers		ICBM Type or Variant of a Type
	E-2 E-3 E-4 E-5 E-6 E-7 E-8 E-9 E-10 E-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		FOXTROT	

	Silo Launchers		ICBM Type or Variant of a Type
	F-2 F-3 F-4 F-5 F-6 F-7 F-8 F-9 F-10		MM-III
Silo Launcher Group:		GOLF	
	Silo Launchers		ICBM Type or Variant of a Type
	G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11		MM-III
Silo Launcher Group:		HOTEL	

	Silo Launchers		ICBM Type or Variant of a Type
	H-2 H-3 H-4 H-5 H-6 H-7 H-8 H-9 H-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	H-11	INDIA	MM-III
	Silo Launchers		ICBM Type or Variant of a Type
	I-2 I-3 I-4 I-5 I-6 I-7 I-8 I-9 I-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		JULIET	

U.S. Categories of Data

	Silo Launchers		ICBM Type or Variant of a Type
	J-2		MM-III
	J-3		MM-III
	J-4		MM-III
	J-5		MM-III
	J-6		MM-III
	J-7		MM-III
	J-8		MM-III
	J-9		MM-III
	J-10		MM-III MM-III
	J-11		IVIIVI-III
Silo Launcher Group:		KILO	
			ICBM Type or Variant of
	Silo Launchers		а Туре
	K-2		MM-III
	K-3		MM-III
	K-4		MM-III
	K-5		MM-III
	K-6		MM-III
	K-7		MM-III
	K-8		MM-III
	K-9		MM-III
	K-10		MM-III
	K-11		MM-III
Silo Launcher Group:		LIMA	

	Silo Launchers		ICBM Type or Variant of a Type
	L-2		MM-III
	L-3		MM-III
	L-4		MM-III
	L-5		MM-III
	L-6		MM-III
	L-7		MM-III
	L-8		MM-III
	L-9		MM-III
	L-10		MM-III
	L-11		MM-III
Silo Launcher Group:		MIKE	
			ICBM
			Type or
			Variant of
	Silo Launchers		а Туре
	M-2		MM-III
	M-3		MM-III
	M-4		MM-III
	M-5		MM-III
	M-6		MM-III
	M-7		MM-III
	M-8		MM-III
	M-9		MM-III
	M-10		MM-III MM-III
	M-11		IVIIVI-III
Silo Launcher Group:		NOVEMBER	

	Silo Launchers		ICBM Type or Variant of a Type
	N-2		MM-III
	N-3		MM-III
	N-4		MM-III
	N-5		MM-III
	N-6		MM-III
	N-7		MM-III
	N-8		MM-III
	N-9		MM-III
	N-10		MM-III
	N-11		MM-III
Silo Launcher Group:		OSCAR	
			ICBM Type or Variant of
	Silo Launchers		а Туре
	O-2		MM-III
	O-3		MM-III
	O-4		MM-III
	O-5		MM-III
	O-6		MM-III
	O-7		MM-III
	O-8		MM-III
	O-9		MM-III
	O-10		MM-III
	O-11		MM-III
Silo Launcher Group:		PAPA	

	Silo Launchers		ICBM Type or Variant of a Type
	P-2		PK
	P-3		PK
	P-4		PK
	P-5		PK
	P-6		PK
	P-7		PK
	P-8		PK
	P-9		PK
	P-10		PK
	P-11		PK
Silo Launcher Group:		QUEBEC	
			ICBM Type or Variant of
	Silo Launchers		а Туре
	0.0		PK
	Q-2 Q-3		PK
	Q-3 Q-4		PK
	Q- Q-5		PK
	Q-6		PK
	Q-7		PK
	Q-8		PK
	Q-9		PK
	Q-10		PK
	Q-11		PK
Silo Launcher Group:		ROMEO	

	Silo Launchers		ICBM Type or Variant of a Type
	R-2		PK
	R-3		PK
	R-4		PK
	R-5		PK
	R-6		PK
	R-7		PK
	R-8		PK
	R-9		PK
	R-10		PK
	R-11		PK
Silo Launcher Group:		SIERRA	
	Silo Launchers		ICBM Type or Variant of a Type
	S-2		PK
	S-3		PK
	S-4		PK
	S-5		PK
	S-6		PK
	S-7		PK
	S-8		PK
	S-9		PK
	S-10		PK
	S-11		PK

Silo Launchers	ICBM Type or Variant of a Type
T-2	PK
T-3	PK
T-4	PK
T-5	PK
T-6	PK
T-7	PK
T-8	PK
T-9	PK
T-10	PK
T-11	PK

Maintenance Facility

Name/Location: F.E. WARREN MISSILE COMPLEX, WYOMING

ICBM Type or Variant of a Type

	MM-III	<u>PK</u>
Non-deployed ICBMs	2	0
Silo Training Launchers	0	0

ICBM Base for Silo Launchers of ICBMs

Name/Location: MALMSTROM MISSILE COMPLEX, MONTANA

ICBM

ICBM Type or Variant of a Type	ICBM	Type or	Variant	of a	Type
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	MM-III
Deployed ICBMs	150
Deployed Silo Launchers of ICBMs	150
Non-deployed Silo Launchers of ICBMs	50

Silo Launcher Group: ALPHA

Silo Launchers	Type or Variant of a Type
A-2	MM-III
A-3	MM-III
A-4	MM-III
A-5	MM-III
A-6	MM-III
A-7	MM-III
A-8	MM-III
A-9	MM-III
A-10	MM-III
A-11	MM-III

Silo Launcher Group: BRAVO

	011		ICBM Type or Variant of
	Silo Launchers		а Туре
	B-2		MM-III
	B-3		MM-III
	B-4		MM-III
	B-5		MM-III
	B-6		MM-III
	B-7		MM-III
	B-8		MM-III
	B-9		MM-III
	B-10		MM-III
	B-11		MM-III
Silo Launcher Group:		CHARLIE	
			ICBM Type or Variant of
	Silo Launchers		a Type
	C-2		MM-III
	C-3		MM-III
	C-4		MM-III
	C-5		MM-III
	C-6		MM-III
	C-7		MM-III
	C-8		MM-III
	C-9		MM-III
	C-10		MM-III
	C-11		MM-III
Silo Launcher Group:		DELTA	

	Silo Launchers		ICBM Type or Variant of a Type
	D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-9 D-10 D-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		ECHO	
	Silo Launchers		ICBM Type or Variant of a Type
	E-2 E-3 E-4 E-5 E-6 E-7 E-8 E-9 E-10 E-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III

	Silo Launchers		ICBM Type or Variant of a Type
	F-2 F-3 F-4 F-5 F-6 F-7 F-8 F-9 F-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		GOLF	
	Silo Launchers		ICBM Type or Variant of a Type
	G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		HOTEL	

	Silo Launchers		ICBM Type or Variant of a Type
	H-2 H-3 H-4 H-5 H-6 H-7 H-8 H-9 H-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		INDIA	
	Silo Launchers		ICBM Type or Variant of a Type
	I-2 I-3 I-4 I-5 I-6 I-7 I-8 I-9 I-10		MM-III
Silo Launcher Group:		JULIET	

J. J. J. J.	-2 -3 -4 -5 -6	MM-III MM-III MM-III MM-III
J. J. J. J.	-3 -4 -5 -6	MM-III MM-III
J- J- J-	-4 -5 -6	MM-III
ـل ـل ـل	-5 -6	
J-		MM-III
J-		
I.	-7	MM-III
U-	-8	MM-III
J-	-9	MM-III
J-	-10	MM-III
J-	-11	MM-III
Silo Launcher Group:	KILO	
S	Silo Launchers	ICBM Type or Variant of a Type
		MM-III
K		
	(-7	MIM-III
K	(-7 (-8	MM-III MM-III
K K	K-8	MM-III
К К К	(-8 (-9	MM-III MM-III
K K K	K-8	MM-III
K K K K	(-2 (-3 (-4 (-5 (-6	MM-I MM-I MM-I MM-I

	Silo Launchers		ICBM Type or Variant of a Type
	L-2 L-3 L-4 L-5 L-6 L-7 L-8 L-9 L-10 L-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		MIKE	
	Silo Launchers		ICBM Type or Variant of a Type
	M-2 M-3 M-4 M-5 M-6 M-7 M-8 M-9 M-10 M-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		NOVEMBER	

			ICBM
			Type or
			Variant of
	Silo Launchers		а Туре
	N-2		MM-III
	N-3		MM-III
	N-4		MM-III
	N-5		MM-III
	N-6		MM-III
	N-7		MM-III
	N-8		MM-III
	N-9		MM-III
	N-10		MM-III
	N-11		MM-III
Silo Launcher Group:		OSCAR	
			ICBM
			Type or
			Variant of
	Silo Launchers		а Туре
	O-2		MM-III
	O-3		MM-III
	O-4		MM-III
	O-5		MM-III
	O-6		MM-III
	O-7		MM-III
	O-8		MM-III
	O-9		MM-III
	O-10		MM-III
	O-11		MM-III
Silo Launcher Group:		PAPA	

U.S. Categories of Data

	Silo Launchers	ICBM Type or Variant of a Type
	P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8 P-9	MM-III
Silo Launcher Group:	QUEBEC	
	Silo Launchers	ICBM Type or Variant of a Type
	Q-11 Q-12 Q-13 Q-14 Q-15 Q-16 Q-17 Q-18 Q-19 Q-20	MM-III
Silo Launcher Group:	ROMEO	

	Silo Launchers	ICBM Type or Variant of a Type
	R-21 R-22 R-23 R-24 R-25 R-26 R-27 R-28 R-29	MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	R-30 SIERRA	MM-III
-	Silo Launchers	ICBM Type or Variant of a Type
	S-31 S-32 S-33 S-34 S-35 S-36 S-37 S-38 S-39 S-40	MM-III
Silo Launcher Group:	TANGO	

U.S. Categories of Data

	ICBM Type or
	Variant of
Silo Launchers	а Туре
T-41	MM-III
T-42	MM-III
T-43	MM-III
T-44	MM-III
T-45	MM-III
T-46	MM-III
T-47	MM-III
T-48	MM-III
T-49	MM-III
T-50	MM-III

Maintenance Facility

Name/Location: MALMSTROM MISSILE COMPLEX, MONTANA

ICBM Type or Variant of a Type

Non-deployed ICBMs 1
Silo Training Launchers 0

ICBM Base for Silo Launchers of ICBMs

Name/Location: MINOT MISSILE COMPLEX, NORTH DAKOTA

		MM-III
Deployed ICBMs		150
Deployed Silo Launchers of ICBMs		150
Non-deployed Silo Launchers of ICBMs		0
Silo Launcher Group:	ALPHA	
		ICBM

	Type or
	Variant of
Silo Launchers	а Туре
A-2	MM-III
A-3	MM-III
A-4	MM-III
A-5	MM-III
A-6	MM-III
A-7	MM-III
A-8	MM-III
A-9	MM-III
A-10	MM-III
A-11	MM-III

Silo Launcher Group: BRAVO

Silo Launchers		ICBM Type or Variant of a Type
B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	CHARLIE	
Silo Launchers		ICBM Type or Variant of a Type
C-2 C-3 C-4 C-5 C-6 C-7 C-8 C-9 C-10 C-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	DELTA	

Silo Launchers		ICBM Type or Variant of a Type
D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-9 D-10 D-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	ECHO	
Silo Launchers		ICBM Type or Variant of a Type
E-2 E-3 E-4 E-5 E-6 E-7 E-8 E-9 E-10 E-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	FOXTROT	

Silo Launchers		ICBM Type or Variant of a Type
F-2 F-3 F-4 F-5 F-6 F-7 F-8 F-9 F-10 F-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	GOLF	
Silo Launchers		ICBM Type or Variant of a Type
G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:	HOTEL	

	Silo Launchers		ICBM Type or Variant of a Type
	H-2 H-3 H-4 H-5 H-6 H-7 H-8 H-9 H-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group	:	INDIA	
	Silo Launchers		ICBM Type or Variant of a Type
	I-2 I-3 I-4 I-5 I-6 I-7 I-8 I-9 I-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group	:	JULIET	

	Silo Launchers		ICBM Type or Variant of a Type
	J-2 J-3 J-4 J-5 J-6 J-7 J-8 J-9 J-10 J-11		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		KILO	
	Silo Launchers		ICBM Type or Variant of a Type
	K-2 K-3 K-4 K-5 K-6 K-7 K-8 K-9 K-10		MM-III MM-III MM-III MM-III MM-III MM-III MM-III MM-III
Silo Launcher Group:		LIMA	

	Silo Launchers		ICBM Type or Variant of a Type
	L-2		MM-III
	L-3		MM-III
	L-4		MM-III
	L-5		MM-III
	L-6		MM-III
	L-7		MM-III
	L-8		MM-III
	L-9		MM-III
	L-10		MM-III
	L-11		MM-III
Silo Launcher Group:		MIKE	
	Silo Launchers		ICBM Type or Variant of a Type
	M-2		MM-III
	M-3		MM-III
	M-4		MM-III
	M-5		MM-III
	M-6		MM-III
	M-7		MM-III
	M-8		MM-III
	M-9		MM-III
	M-10		MM-III
	M-11		MM-III
Silo Launcher Group:			

			_ICBM
			Type or
	Silo Launchers		Variant of a Type
	Silo Laurichers		атуре
	N-2		MM-III
	N-3		MM-III
	N-4		MM-III
	N-5		MM-III
	N-6		MM-III
	N-7		MM-III
	N-8		MM-III
	N-9		MM-III
	N-10		MM-III
	N-11		MM-III
Silo Launcher Grou	p:	OSCAR	
			ICBM
			Type or
			Variant of
	Silo Launchers		а Туре
	0-2		MM-III
	O-3		MM-III
	O-4		MM-III
	O-5		MM-III
	O-6		MM-III
	O-7		MM-III
	O-8		MM-III
	O-9		MM-III
	O-10		MM-III
	O-11		MM-III

U.S. (Categ	ories	of	Data
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Effective Date - 01 Sep 2012

Maintenance Facility

MINOT MISSILE COMPLEX, NORTH

Name/Location: DAKOTA

ICBM Type or Variant of a Type

MM-III

Non-deployed ICBMs 1

Silo Training Launchers 0

Production Facilities for ICBMs

Name/Location: ATK LAUNCH SYSTEMS - ICBM, UTAH

ICBM Type or Variant of a Type

MM-III PK

Non-deployed ICBMs 2 0

Production Facilities for Mobile Launchers of ICBMs

Storage Facilities for ICBMs

Name/Location: CAMP NAVAJO, ARIZONA

ICBM Type or Variant of a Type

MM-III PK

129 0

OASIS COMPLEX, UTAH (SEE SECTION III FOOTNOTE 1)

ICBM Type or Variant of a Type

MM-III PK

Non-deployed ICBMs 71 0

Storage Facilities for Mobile Launchers of ICBMs

Non-deployed ICBMs

Repair Facilities for ICBMs

Name/Location: HILL AIR FORCE BASE, UTAH

ICBM Type or Variant of a Type

MM-III PK

Non-deployed ICBMs 54 58

Repair Facilities for Mobile Laur	nchers of ICBMs			
Test Ranges				
Name/Location:	VANDENBERG AIR FORCE BASE, CALIFORNIA			
		ICBM Type or Vari	ant of a T	уре
		MM-III	<u>PK</u>	
No	on-deployed ICBMs	3	0	
Te	est Launchers	6	1	
				ICBM
				Type or Variant of
	Silo Launchers			а Туре
	LF4			MM-III
	LF6			MM-III MM-III
	LF9 LF10			MM-III
	LF25			MM-III
	LF26			MM-III
	LF5			PK
Training Facilities				

Conversion or Elimination Facilities for ICBMs	
Conversion or Elimination Facilities for Mobile Launchers of ICBMs	

FOOTNOTE 1: The facility listed as OASIS COMPLEX, UTAH is a single facility listed in Section III, Section IV and Section IX. The OASIS COMPLEX, UTAH "Storage Facility for ICBMs and SLBMs" function is the storage of ICBMs and SLBMs. ICBMs located at this facility are listed in Section IV.

Section IV. SLBMs and Launchers of SLBMs

For each Party, the numbers of deployed SLBMs, non-deployed SLBMs, deployed launchers of SLBMs, non-deployed launchers of SLBMs, as well as data on facilities associated with SLBMs, are as follows:

1. United States of America

SLBM Type or Variant of a Type

	Trident II	<u>Total</u>
Deployed SLBMs	239	239
Non-deployed SLBMs	180	180
Deployed and Non-deployed Launchers of SLBMs	336	336
Deployed Launchers of SLBMs	239	239
Non-deployed Launchers of SLBMs	97	97
Test Launchers	0	0

Submarine Base

Name/Location: STRATEGIC WEAPONS FACILITY, ATLANTIC, KINGS BAY, GEORGIA

SLBM Type or Variant of a Type

	I rident II
Deployed SLBMs	103
Non-deployed SLBMs	107

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38: Effective Date – 01 Sep 2012	U.S. Categories of Data			
Deployed Launchers of SLBMs	103			
Non-deployed Launchers of SLBMs	41			
Ballistic Missile Submarines Based at this Submarine Base				
	Number of Submarines/Aggregate Number of Launchers by SLBM Type			
	Trident II			
Submarine Type				
OHIO	6/144			
Submarine Name:				
Alaska Maryland Rhode Island Tennessee West Virginia Wyoming				

Submarine Base

Name/Location: STRATEGIC WEAPONS FACILITY, PACIFIC, SILVERDALE, WASHINGTON

SLBM Type or Variant of a Type

	<u>Trident II</u>
Deployed SLBMs	136
Non-deployed SLBMs	68
Deployed Launchers of SLBMs	136
Non-deployed Launchers of SLBMs	56

Ballistic Missile Submarines Based at this Submarine Base

Number of Submarines/Aggregate
Number of Launchers by SLBM

Type

Trident II

Submarine Type

OHIO 8/192

Submarine Name:

Alabama

Henry M Jackson

Kentucky Louisiana

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40: Effective Date – 01 Sep 2012		U.S. Categories of Data
Maine Nebraska Nevada Pennsylvai	nia	
SLBM Loading Facilities		
Production Facilities for SLBMs		
Name/Location:	ATK LAUNCH SYSTEMS - SLBM, UTAH	
		SLBM Type or Variant of a Type
		<u>Trident II</u>
Non-deployed SLBMs		5

Production Facilities for Ballistic Missile Submarines

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Effective Date - 01 Sep 2012

Storage Facilities for SLBMs		
Name/Location:	OASIS COMPLEX, UTAH	(SEE SECTION IV FOOTNOTE 1)
		SLBM Type or Variant of a Type
		Trident II
Non-deployed SLBM	S	0
Repair Facilities for SLBMs		
Test Ranges		
Conversion or Elimination Facilities for	SLBMs	
Conversion or Elimination Facilities for	SLBM Launchers	
FOOTNOTE 1: The facility listed as O. COMPLEX, UTAH "Storage Facility for Section III. SLBMs located at this facil	ICBMs and SLBMs" function is the storage	ted in Section III, Section IV and Section IX. The OASIS of ICBMs and SLBMs. ICBMs located at this facility are listed in
Section V. Heavy Bombers		

For each Party, the numbers of deployed heavy bombers and non-deployed heavy bombers, as well as data on facilities associated with heavy bombers, are as follows:

2. United States of America

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>	<u>Total</u>
Deployed Heavy Bombers	10	30	78	118
Non-deployed Heavy Bombers	10	0	13	23
Test Heavy Bombers	1	0	2	3
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0	0

Air Base

Name/Location: WHITEMAN AIR FORCE BASE, MISSOURI

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Based at this Air Base			
Deployed Heavy Bombers	10	0	0
Non-deployed Heavy Bombers	9	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0
Heavy Bombers Located at this Air Base			
Deployed Heavy Bombers	10	0	0
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0

Air Base

Name/Location: BARKSDALE AIR FORCE BASE, LOUISIANA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Based at this Air Base			
Deployed Heavy Bombers	0	0	41
Non-deployed Heavy Bombers	0	0	7
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0
Heavy Bombers Located at this Air Base			
Deployed Heavy Bombers	0	0	40
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0

Air Base

Name/Location: MINOT AIR FORCE BASE, NORTH DAKOTA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Based at this Air Base			
Deployed Heavy Bombers	0	30	37
Non-deployed Heavy Bombers	0	0	4
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0
Heavy Bombers Located at this Air Base			
Deployed Heavy Bombers	0	0	18
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0

Production Facilities for Heavy Bombers

Name/Location: NORTHROP PLANT, PALMDALE, CALIFORNIA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Located at this Production Facility			
Non-deployed Heavy Bombers	3	0	0
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non-	0	0	0

Storage Facilities for Heavy Bombers

Name/Location: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

Heavy Bomber Type or Variant of a Type

<u>B-2A</u> <u>B-52G</u> <u>B-52H</u>

Heavy Bombers Located at this Storage Facility

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Effective Date - 01 Sep 2012

Deployed Heavy Bombers	0	30	13
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non- nuclear Armaments	0	0	0

Repair Facilities for Heavy Bombers

Name/Location: BOEING PLANT, PALMDALE, CALIFORNIA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Located at this Repair Facility			
Non-deployed Heavy Bombers	0	0	0
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non- nuclear Armaments	0	0	0

Name/Location: BOEING PLANT, WITCHITA, KANSAS

Heavy Bomber Type or Variant of a Type

<u>B-2A</u> <u>B-52G</u> <u>B-52H</u>

Heavy Bombers Located at this Repair Facility

48:	Effective	Date -	01	Sep	201	2
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U.S. Categories of Data

Non-deployed Heavy Bombers	0	0	2
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non- nuclear Armaments	0	0	0

Name/Location: TINKER AIR FORCE BASE, OKLAHOMA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Located at this Repair Facility			
Non-deployed Heavy Bombers	0	0	9
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non- nuclear Armaments	0	0	0

Repair Facility

Name/Location: WHITEMAN AIR FORCE BASE, MISSOURI

Heavy Bomber Type or Variant of a Type

<u>B-2A</u> <u>B-52G</u> <u>B-52H</u>

Heavy Bombers Located at this Repair Facility

Non-deployed Heavy Bombers	6	0	0
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0

Heavy Bomber Flight Test Centers

Name/Location: EDWARDS AIR FORCE BASE, CALIFORNIA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Based at this Flight Test Center			
Test Heavy Bombers	1	0	2
Heavy Bombers Located at this Flight Test Center			
Deployed Heavy Bombers	0	0	0
Test Heavy Bombers	1	0	2
Heavy Bombers Equipped for Non- nuclear Armaments	0	0	0

Conversion or Elimination Facility for Heavy Bombers

Name/Location: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

Heavy Bomber Type or Variant of a Type

	<u>B-2A</u>	<u>B-52G</u>	<u>B-52H</u>
Heavy Bombers Located at this Conversion or Elimination Facility			
Deployed Heavy Bombers	0	0	0
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non- nuclear Armaments	0	0	0

Section VI. Space Launch Facilities

For each Party, the numbers of non-deployed ICBMs and non-deployed SLBMs, and non-deployed launchers of ICBMs and non-deployed launchers of SLBMs, at space launch facilities, and the data on space launch facilities, are as follows:

1. United States of America

Non-deployed ICBMs and	d SLBMs		0
Non-deployed Launchers	s of ICBMs and SLBMs		0
Space Launch Facilities			
Name/Location:	KODIAK LAUNCH FACILITY, ALASKA		
Non-depl	oyed ICBMs		0
	Designation	ICBM Type or Variant of a Type	
Non-depl	oyed SLBMs		0
Non-depl	oyed Launchers of ICBMs		0
Non-depl	oyed Launchers of SLBMs		0

Name/Location: VANDENBERG SPACE LAUNCH COMPLEX, CALIFORNIA

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	U.S. Categories of Data
	0
ICBM Type or Variant of a Type	
	0
rs of ICBMs	0
rs of SLBMs	0
FLIGHT FACILITY, VIRGINIA	
	0
	0
rs of ICBMs	0
rs of SLBMs	0
	Type or Variant of

Section VII. ICBM and SLBM Technical Data

Classification A: Assembled ICBMs or SLBMs in Launch Canisters

Classification B: Assembled ICBMs or SLBMs Without Launch Canisters

Classification C: ICBMs or SLBMs Maintained, Stored, and Transported in Stages

2. United States of America

(a) Intercontinental Ballistic Missiles

ICBM Type or Variant of a Type

		MM-III	<u>PK</u>
Missil	e		
	Classification	С	С
	Number of Stages	3	3
	Length of Assembled Missile Without Front Section (m)	14.6	17.1
	Maximum Diameter of Missile Airframe (Without Stabilizers, Raceways, Lug Guides, or Other Protruding Elements) (m)	1.68	2.4
	Total Length of a Missile as a Unit With Launch Canister		
	With Front Section (m)		
	Without Front Section (m)		
	Length of Launch Canister Body (m)		

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54: Effective Date – 01 Se	p 2012	U.S. Ca	tegories of Data
	Diameter of Launch Canister Body (Without Protruding Elements) (m)		
Miss	ile Stages		
	First Stage		
	Length (m)	7.0	8.4
	Length of First Stage Without Nozzle Attached (m)	6.5	7.4
	Diameter (m)	1.68	2.3
	Type of Propellant (Liq/Sol)	Sol	Sol
	Second Stage		
	Diameter (m)	1.39	2.4
	Type of Propellant (Liq/Sol)	Sol	Sol
	Third Stage		
	Diameter (m)	1.33	2.3
	Type of Propellant (Liq/Sol)	Sol	Sol
Size	Criteria for Conducting Inspections		
	97% of the Length of Launch Canister Body (m)		
	97% of the Diameter of Launch Canister Body (Without Protruding Elements) (m)		

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97% of the Length of First Stage (m)	6.8	8.1
97% of the Diameter of First Stage (m)	1.63	2.2

Mobile Launchers of ICBMs

- - -

External and Functional Differences Between Training Models of Missiles and ICBMs of Corresponding Types

For Training Models of Peacekeeper Types of Missiles:

One hole, no less than 25 millimeters in diameter, drilled through the casing of the first stage rocket motor and into the inert propellant.

For Training Models of Minuteman III Types of Missiles:

A triangular notch, no less than ten centimeters in height, as measured from the edge of the nozzle, in one of the nozzles of the first stage rocket motor.

(b) Submarine-Launched Ballistic Missiles

SLBM Type or Variant of a Type

	<u>Trident II</u>
Missile	
Classification	С
Number of Stages	3
Length of Assembled Missile Without Front Section (m)	13.4
Maximum Diameter of Missile Airframe (Without Stabilizers, Raceways, Lug Guides, or Other Protruding Elements) (m)	2.1
Total Length of a Missile as a Unit With Launch Canister	
With Front Section (m)	
Without Front Section (m)	
Length of Launch Canister Body (m)	
Diameter of Launch Canister Body (Without Protruding Elements) (m)	
Missile Stages	
First Stage	
Length (m)	7.0

Effective Date - 01 Sep 2012

	Length of First Stage Without Nozzle Attached (m)	6.8
	Diameter (m)	2.1
	Type of Propellant (Liq/Sol)	Sol
Second	Stage	
	Diameter (m)	2.1
	Type of Propellant (Liq/Sol)	Sol
Third Sta	age	
	Diameter (m)	0.81
	Type of Propellant (Liq/Sol)	Sol
Size Criteria for	Conducting Inspections	
97% of t	he Length of Launch Canister Body (m)	
	he Diameter of Launch Canister Body (Without ng Elements) (m)	
97% of t	he Length of First Stage (m)	6.8
97% of t	he Diameter of First Stage (m)	2.0
External and Fu	nctional Differences Between Training Models of Missiles and SLBMs of Corresponding	g Types
For Trail	ning Models of Trident II Types of Missiles:	

One hole, no less than 25 millimeters in diameter, drilled through the casing of the first stage rocket motor and into the inert propellant.

	Section VIII.	Heavy	/ Bomber	Distinguishing	Features
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1	United	States	$\cap f \Delta$	marica

- (a) Heavy Bombers Equipped for Nuclear Armaments
 - (i) For B-52G Heavy Bombers
 - (A) Externally Observable Distinguishing Features:

No horizontally mounted antennas on the side of the aircraft fuselage (as compared to the B-52H).

(B) Distinguishing Features Under Wings/Fuselage:

- - -

(C) Distinguishing Features of Weapons Bay:

- - -

(D) Technical Data for Recognition of Heavy Bombers:

- - -

- (ii) For B-52H Heavy Bombers
 - (A) Externally Observable Distinguishing Features:

Horizontally mounted antennas on the side of the aircraft fuselage (as compared to the B-52G).

(B) Distinguishing Features Under Wings/Fuselage:

- - -

(C) Distinguishing Features of Weapons Bay:

- - -

(D) Technical Data for Recognition of Heavy Bombers:

- - -

(b) Heavy Bombers Equipped for Non-nuclear Armaments

Differences that make heavy bombers equipped for non-nuclear armaments distinguishable from heavy bombers of this type equipped for nuclear armaments

- - -

In the United States

Section IX. Other Data Required by the Treaty

- 1. Notwithstanding subparagraph 3(b) of Article IV of the Treaty, the first stage of an ICBM or SLBM may be located at the locations provided for in this paragraph where static testing or static firing is conducted. Such first stages of ICBMs or SLBMs shall continue to be declared for the facility at which such first stages of ICBMs and SLBMs were located prior to their movement to the locations provided for in this paragraph.
 - (b) United States of America

Name/Location: NAVAL AIR WARFARE CENTER, CHINA LAKE, CALIFORNIA

2. To each Party, ICBMs, SLBMs, submarines, heavy bombers, inspection airplanes, and, where applicable, variants referred to in the Treaty, are known as follows:

of America MINUTEMAN II (MM-II) ICBMs: MINUTEMAN III (MM-III) PEACEKEEPER (PK) SLBMS: TRIDENT II Submarines: OHIO **Heavy Bombers:** B-1B B-2A B-52G B-52H Inspection Airplanes: C-5

C-17 C-40 C-130 KC-10 KC-135 OC-135B

- 3. For each Party, the inspection activity sites associated with points of entry are as follows:
 - (a) United States of America

(i) Inspection activity sites associated with point of entry

SAN FRANCISCO, CALIFORNIA

(A) Facilities Associated with ICBMs

ICBM Base for Silo Launchers of ICBMs

Name/Location: F.E. WARREN MISSILE COMPLEX, WYOMING

Name/Location: MALMSTROM MISSILE COMPLEX, MONTANA

Name/Location: MINOT MISSILE COMPLEX, NORTH DAKOTA

ICBM Base for Mobile Launchers of ICBMs

- - -

ICBM Loading Facilities

- - -

Storage Facilities for ICBMs

Name/Location: CAMP NAVAJO, ARIZONA

OASIS COMPLEX, UTAH (SEE SECTION IX FOOTNOTE 1) Name/Location: Storage Facilities for Mobile Launchers of ICBMs Repair Facilities for ICBMs Name/Location: HILL AIR FORCE BASE, UTAH Repair Facilities for Mobile Launchers of ICBMs Test Ranges VANDENBERG AIR FORCE BASE, Name/Location: CALIFORNIA **Training Facilities** Conversion or Elimination Facilities for ICBMs Conversion or Elimination Facilities for Mobile Launchers of ICBMs

(B)	Facilities	Associated	with SLBMs
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Submarine Base

Name/Location: STRATEGIC WEAPONS FACILITY, PACIFIC,

SILVERDALE, WASHINGTON

SLBM Loading Facilities

- - -

Storage Facilities for SLBMs

Name/Location: OASIS COMPLEX, UTAH

(SEE SECTION IX FOOTNOTE 1)

Repair Facilities for SLBMs

- - -

Test Ranges

- - -

Conversion or Elimination Facilities for SLBMs

- - -

(C) Facilities Associated with Heavy Bombers

Air Base

Name/Location: MINOT AIR FORCE BASE, NORTH DAKOTA

Storage Facilities for Heavy Bombers

Name/Location: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

Conversion or Elimination Facilities for Heavy Bombers

Name/Location: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

(ii) Inspection activity sites associated with point of entry WASHINGTON, D.C.

(A) Facilities Associated with ICBMs

ICBM Base for Silo Launchers of ICBMs

- - -

ICBM Base for Mobile Launchers of ICBMs

- - -

ICBM Loading Facilities

Storage Facilities for ICBMs Storage Facilities for Mobile Launchers of ICBMs Repair Facilities for ICBMs Repair Facilities for Mobile Launchers of ICBMs **Test Ranges Training Facilities** Conversion or Elimination Facilities for ICBMs Conversion or Elimination Facilities for Mobile Launchers of ICBMs (B) Facilities Associated with SLBMs

Submarine Base

Name/Location: STRATEGIC WEAPONS FACILITY, ATLANTIC, KINGS

BAY, GEORGIA

SLBM Loading Facilities

- - -

Storage Facilities for SLBMs

- - -

Repair Facilities for SLBMs

- - -

Test Ranges

- - -

Conversion or Elimination Facilities for SLBMs

- - -

(C) Facilities Associated with Heavy Bombers

Air Base

Name/Location: BARKSDALE AIR FORCE BASE, LOUISIANA

Name/Location: WHITEMAN AIR FORCE BASE, MISSOURI

Storage Facilities for Heavy Bombers	
Conversion or Elimination Facilities for Heavy Bombers	

- 4. For each Party, the facilities not subject to inspection are as follows:
 - (b) United States of America
 - (i) Facilities Associated with ICBMs

Production Facilities for ICBMs

Name/Location: ATK LAUNCH SYSTEMS - ICBM, UTAH

Production Facilities for Mobile Launchers of ICBMs

- - -

(ii) Facilities Associated with SLBMs

Production Facilities for SLBMs

Name/Location: ATK LAUNCH SYSTEMS - SLBM, UTAH

Production Facilities for Ballistic Missile Submarines

- - -

Conversion or Elimination Facilities for SLBM Launchers

- - -

(iii) Facilities Associated with Heavy Bombers

Production Facilities for Heavy Bombers

Name/Location: NORTHROP PLANT, PALMDALE, CALIFORNIA

Repair Facilities for Heavy Bombers

Name/Location: BOEING PLANT, PALMDALE, CALIFORNIA

Name/Location: BOEING PLANT, WICHITA, KANSAS

Name/Location: TINKER AIR FORCE BASE, OKLAHOMA

Name/Location: WHITEMAN AIR FORCE BASE, MISSOURI

Heavy Bomber Flight Test Centers

Name/Location: EDWARDS AIR FORCE BASE, CALIFORNIA

(iv) Space Launch Facilities

Space Launch Facilities

Name/Location: KODIAK LAUNCH FACILITY, ALASKA

Name/Location: VANDENBERG SPACE LAUNCH COMPLEX, CALIFORNIA

Name/Location: WALLOPS FLIGHT FACILITY, VIRGINIA

- 5. For each Party, the airports for the points of entry are as follows:
 - (a) United States of America

Point of Entry Airports

WASHINGTON, D.C. DULLES INTERNATIONAL AIRPORT

SAN FRANCISCO, CALIFORNIA TRAVIS AIR FORCE BASE

- 6. For each Party, the routes for flights of inspection airplanes to points of entry are as follows:
 - (a) For flights of inspection airplanes of the Russian Federation to the United States of America:

Route to Point of Entry

Route from Point of Entry

From RUSSIAN FEDERATION to WASHINGTON, D.C.:

(i) CANADIAN ROUTING TO DAVES J585 (i) RADAR VECTORS EN0271R SWANN V268 BROSS OOD235R OOD J42 RBV J62 ACK AMI

From RUSSIAN FEDERATION to SAN FRANCISCO, CALIFORNIA:

(i) SYA, ADAK, 51W/170W, 50N/150W, 48N/150W, 46N/140W, GAVL, GENC, GTT, ENI, SEO, TZZ (i) SAME AS INBOUND

(ii) ANCHORAGE, ALASKA: VALTA (N6423W17105), OME, J111, ANC

(ii) ANCHORAGE, ALASKA: SAME AS

INBOUND

- 7. For each Party, formerly declared facilities that, in accordance with Section VII of Part Three of this Protocol, are considered eliminated for the purposes of the Treaty and notification of elimination of which has been provided in accordance with Section II of Part Four of this Protocol, are as follows:
 - (a) United States of America

Former Function of Facility: Air Base

Name/Location: DYESS AIR FORCE BASE, TEXAS

:

Former Function of Facility: Air Base

Name/Location: ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

- 8. For each Party, currently or formerly declared facilities, portions of which have been excluded, in accordance with the Annex on Inspection Activities to this Protocol, for the purposes of the Treaty from within the boundaries specified on the inspection site diagrams of such facilities, and notification of changes in the boundaries of which has been provided in accordance with Section VI of Part Four of this Protocol, are as follows:
 - (b) United States of America

Function of the Facility that

Incorporated
Excluded Name of the Facility that Incorporated Excluded Portions and Subtitle, If

Portions: Applicable/Location of the Facility:

Date of Preparation of the Inspection Site Diagram of Excluded Reference to BCC Document on the Exclusion of Portions

Portions of the Facility: of a Facility

FOOTNOTE 1: The facility listed as OASIS COMPLEX, UTAH is a single facility listed in Section III, Section IV and Section IX. The

OASIS COMPLEX, UTAH "Storage Facility for ICBMs and SLBMs" function is the storage of ICBMs and SLBMs. ICBMs located at this facility are listed in Section III. SLBMs located at this facility are listed in Section IV.