

New START Treaty
Aggregate Numbers of Strategic Offensive Arms

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

As of March 1, 2012

Documents assembled by

Hans M. Kristensen

Federation of American Scientists

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New START Treaty Aggregate Numbers of Strategic Offensive Arms

BUREAU OF ARMS CONTROL, VERIFICATION AND COMPLIANCE Fact Sheet June 1, 2012

(Data in this Fact Sheet comes from the biannual exchange of data required by the Treaty. It contains data declared current as of March 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	812	494
Warheads on Deployed ICBMs, on Deployed SLBMs, and Nuclear Warheads Counted for Deployed Heavy Bombers	1737	1492
Deployed and Non-deployed Launchers of ICBMs, Deployed and Non-deployed Launchers of SLBMs, and Deployed and Non-deployed Heavy Bombers	1040	881

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.

United States of America Data

Effective Date: March 1, 2012

ICBMs and ICBM Launchers	MM-III	PK	Total
Deployed ICBMs	449	0	449
Non-deployed ICBMs	266	58	324
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	241	241
Non-deployed SLBMs	181	181
Deployed and Non-deployed Launchers of SLBMs	336	336
Deployed Launchers of SLBMs	241	241
Non-deployed Launchers of SLBMs	95	95
Test Launchers	0	0

Heavy Bombers	B-2A	B-52G	B-52H	Total
Deployed Heavy Bombers	11	36	75	122
Non-deployed Heavy Bombers	9	0	16	25
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 March 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 Mar 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	812
Warheads on Deployed ICBMs, on Deployed SLBMs, and Nuclear Warheads Counted for Deployed Heavy Bombers	1737
Deployed and Non-deployed Launchers of ICBMs, Deployed and Non-deployed Launchers of SLBMs, and Deployed and Non-deployed Heavy Bombers	1040

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

	ICBM Type or Variant of a Type		
	<u>MM-III</u>	<u>PK</u>	<u>Total</u>
Deployed ICBMs	449	0	449

Non-deployed ICBMs	266	58	324
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

	<u>MM-III</u>	<u>PK</u>
Deployed ICBMs	150	0
Deployed Silo Launchers of ICBMs	150	0
Non-deployed Silo Launchers of ICBMs	0	50

Silo Launcher Group:

ALPHA

Silo Launchers

ICBM
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

Silo Launchers

ICBM
Type or
Variant of
a Type

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

Silo Launchers

ICBM
Type or
Variant of
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

MM-III

D-3

MM-III

D-4

MM-III

D-5

MM-III

D-6

MM-III

D-7

MM-III

D-8

MM-III

D-9

MM-III

D-10

MM-III

D-11

MM-III

Silo Launcher Group:

ECHO

Silo Launchers

ICBM
Type or
Variant of
a Type

E-2

MM-III

E-3

MM-III

E-4

MM-III

E-5

MM-III

E-6

MM-III

E-7

MM-III

E-8

MM-III

E-9

MM-III

E-10

MM-III

E-11

MM-III

Silo Launcher Group:

FOXTROT

Silo Launchers

ICBM
Type or
Variant of
a Type

F-2

MM-III

F-3

MM-III

F-4

MM-III

F-5

MM-III

F-6

MM-III

F-7

MM-III

F-8

MM-III

F-9

MM-III

F-10

MM-III

F-11

MM-III

Silo Launcher Group:

GOLF

Silo Launchers

ICBM
Type or
Variant of
a Type

G-2

MM-III

G-3

MM-III

G-4

MM-III

G-5

MM-III

G-6

MM-III

G-7

MM-III

G-8

MM-III

G-9

MM-III

G-10

MM-III

G-11

MM-III

Silo Launcher Group:

HOTEL

Silo Launchers

ICBM
Type or
Variant of
a Type

H-2

MM-III

H-3

MM-III

H-4

MM-III

H-5

MM-III

H-6

MM-III

H-7

MM-III

H-8

MM-III

H-9

MM-III

H-10

MM-III

H-11

MM-III

Silo Launcher Group:

INDIA

Silo Launchers

ICBM
Type or
Variant of
a Type

I-2

MM-III

I-3

MM-III

I-4

MM-III

I-5

MM-III

I-6

MM-III

I-7

MM-III

I-8

MM-III

I-9

MM-III

I-10

MM-III

I-11

MM-III

Silo Launcher Group:

JULIET

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

J-11

MM-III

Silo Launcher Group:

KILO

Silo Launchers

ICBM
Type or
Variant of
a Type

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

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:

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

Silo Launchers

ICBM
Type or
Variant of
a Type

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

Silo Launchers

ICBM
Type or
Variant of
a Type

Q-2

PK

Q-3

PK

Q-4

PK

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 Launcher Group:

TANGO

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

	<u>MM-III</u>	<u>PK</u>
Non-deployed ICBMs	1	0
Silo Training Launchers	0	0

ICBM Base for Silo Launchers of ICBMs

Name/Location: MALMSTROM MISSILE COMPLEX, MONTANA

ICBM Type or Variant of a Type

	<u>MM-III</u>
Deployed ICBMs	149
Deployed Silo Launchers of ICBMs	149
Non-deployed Silo Launchers of ICBMs	51

Silo Launcher Group:

ALPHA

Silo Launchers

ICBM
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

Silo Launchers

ICBM
Type or
Variant of
a Type

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

Silo Launchers

ICBM
Type or
Variant of
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

MM-III

D-3

MM-III

D-4

MM-III

D-5

MM-III

D-6

MM-III

D-7

MM-III

D-8

MM-III

D-9

MM-III

D-10

MM-III

D-11

MM-III

Silo Launcher Group:

ECHO

Silo Launchers

ICBM
Type or
Variant of
a Type

E-2

MM-III

E-3

MM-III

E-4

MM-III

E-5

MM-III

E-6

MM-III

E-7

MM-III

E-8

MM-III

E-9

MM-III

E-10

MM-III

E-11

MM-III

Silo Launcher Group:

FOXTROT

Silo Launchers

ICBM
Type or
Variant of
a Type

F-2

MM-III

F-3

MM-III

F-4

MM-III

F-5

MM-III

F-6

MM-III

F-7

MM-III

F-8

MM-III

F-9

MM-III

F-10

MM-III

F-11

MM-III

Silo Launcher Group:

GOLF

Silo Launchers

ICBM
Type or
Variant of
a Type

G-2

MM-III

G-3

MM-III

G-4

MM-III

G-5

MM-III

G-6

MM-III

G-7

MM-III

G-8

MM-III

G-9

MM-III

G-10

MM-III

G-11

MM-III

Silo Launcher Group:

HOTEL

Silo Launchers

ICBM
Type or
Variant of
a Type

H-2

MM-III

H-3

MM-III

H-4

MM-III

H-5

MM-III

H-6

MM-III

H-7

MM-III

H-8

MM-III

H-9

MM-III

H-10

MM-III

H-11

MM-III

Silo Launcher Group:

INDIA

Silo Launchers

ICBM
Type or
Variant of
a TypeI-2
I-3
I-4
I-5
I-6
I-7
I-8
I-9
I-10
I-11MM-III
MM-III
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 TypeJ-2
J-3
J-4
J-5
J-6
J-7
J-8
J-9
J-10
J-11MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

KILO

Silo Launchers

K-2
K-3
K-4
K-5
K-6
K-7
K-8
K-9
K-10
K-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

LIMA

Silo Launchers

L-2
L-3
L-4
L-5
L-6
L-7
L-8
L-9
L-10
L-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
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

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:

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

Silo Launchers

ICBM
Type or
Variant of
a Type

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-1

MM-III

P-2

MM-III

P-3

MM-III

P-4

MM-III

P-5

MM-III

P-6

MM-III

P-7

MM-III

P-8

MM-III

P-9

MM-III

P-10

MM-III

Silo Launcher Group:

QUEBEC

Silo Launchers

Q-11
Q-12
Q-13
Q-14
Q-15
Q-16
Q-17
Q-18
Q-19
Q-20ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

ROMEO

Silo Launchers

R-21
R-22
R-23
R-24
R-25
R-26
R-27
R-28
R-29
R-30ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:	SIERRA	
	Silo Launchers	ICBM Type or Variant of a Type
	S-31	MM-III
	S-32	MM-III
	S-33	MM-III
	S-34	MM-III
	S-35	MM-III
	S-36	MM-III
	S-37	MM-III
	S-38	MM-III
	S-39	MM-III
	S-40	MM-III
Silo Launcher Group:	TANGO	
	Silo Launchers	ICBM Type or Variant of a Type
	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

MM-III

Non-deployed ICBMs	2
Silo Training Launchers	0

ICBM Base for Silo Launchers of ICBMs

Name/Location: MINOT MISSILE COMPLEX, NORTH DAKOTA

ICBM Type or Variant of a Type

MM-III

Deployed ICBMs	150
Deployed Silo Launchers of ICBMs	150
Non-deployed Silo Launchers of ICBMs	0

Silo Launcher Group:

ALPHA

Silo Launchers

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

Silo Launcher Group:

BRAVO

Silo Launchers

B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
B-10
B-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

CHARLIE

Silo Launchers

C-2
C-3
C-4
C-5
C-6
C-7
C-8
C-9
C-10
C-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

DELTA

Silo Launchers

D-2
D-3
D-4
D-5
D-6
D-7
D-8
D-9
D-10
D-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

ECHO

Silo Launchers

E-2
E-3
E-4
E-5
E-6
E-7
E-8
E-9
E-10
E-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

FOXTROT

Silo Launchers

F-2
F-3
F-4
F-5
F-6
F-7
F-8
F-9
F-10
F-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

GOLF

Silo Launchers

G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

HOTEL

Silo Launchers

H-2
H-3
H-4
H-5
H-6
H-7
H-8
H-9
H-10
H-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

INDIA

Silo Launchers

I-2
I-3
I-4
I-5
I-6
I-7
I-8
I-9
I-10
I-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

JULIET

Silo Launchers

J-2
J-3
J-4
J-5
J-6
J-7
J-8
J-9
J-10
J-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

KILO

Silo Launchers

K-2
K-3
K-4
K-5
K-6
K-7
K-8
K-9
K-10
K-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III
MM-III

Silo Launcher Group:

LIMA

Silo Launchers

L-2
L-3
L-4
L-5
L-6
L-7
L-8
L-9
L-10
L-11ICBM
Type or
Variant of
a TypeMM-III
MM-III
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
- MM-III
- MM-III

Silo Launcher Group:

NOVEMBER

Silo Launchers

ICBM
Type or
Variant of
a Type

- N-2
- N-3
- N-4
- N-5
- N-6
- N-7
- N-8
- N-9
- N-10
- N-11

- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III

Silo Launcher Group:

OSCAR

Silo Launchers

ICBM
Type or
Variant of
a Type

- O-2
- O-3
- O-4
- O-5
- O-6
- O-7
- O-8
- O-9
- O-10
- O-11

- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III
- MM-III

Maintenance Facility

Name/Location:

MINOT MISSILE COMPLEX, NORTH
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

	<u>MM-III</u>	<u>PK</u>
Non-deployed ICBMs	1	0

Production Facilities for Mobile Launchers of ICBMs

Storage Facilities for ICBMs

Name/Location: CAMP NAVAJO, ARIZONA

ICBM Type or Variant of a Type

	<u>MM-III</u>	<u>PK</u>
Non-deployed ICBMs	133	0

OASIS COMPLEX, UTAH

(SEE SECTION III
FOOTNOTE 1)

ICBM Type or Variant of a Type

	<u>MM-III</u>	<u>PK</u>
Non-deployed ICBMs	70	0

Storage Facilities for Mobile Launchers of ICBMs

Repair Facilities for ICBMs

Name/Location: HILL AIR FORCE BASE, UTAH

ICBM Type or Variant of a Type

	<u>MM-III</u>	<u>PK</u>
Non-deployed ICBMs	56	58

Repair Facilities for Mobile Launchers of ICBMs

Test Ranges

Name/Location: VANDENBERG AIR FORCE BASE, CALIFORNIA

ICBM Type or Variant of a Type

	<u>MM-III</u>	<u>PK</u>
Non-deployed ICBMs	2	0
Test Launchers	6	1

	ICBM Type or Variant of a Type
Silo Launchers	
LF4	MM-III
LF6	MM-III
LF9	MM-III
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 III. SLBMs 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	
	<u>Trident II</u>	<u>Total</u>
Deployed SLBMs	241	241
Non-deployed SLBMs	181	181
Deployed and Non-deployed Launchers of SLBMs	336	336
Deployed Launchers of SLBMs	241	241
Non-deployed Launchers of SLBMs	95	95
Test Launchers	0	0
Submarine Base		

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

	SLBM Type or Variant of a Type
	<u>Trident II</u>
Deployed SLBMs	97
Non-deployed SLBMs	116

Deployed Launchers of SLBMs	97
Non-deployed Launchers of SLBMs	47

Ballistic Missile Submarines Based at this Submarine Base

Submarine Type	Number of Submarines/Aggregate Number of Launchers by SLBM Type
	<u>Trident II</u>
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	144
Non-deployed SLBMs	60
Deployed Launchers of SLBMs	144
Non-deployed Launchers of SLBMs	48

Ballistic Missile Submarines Based at this Submarine Base

Number of Submarines/Aggregate
Number of Launchers by SLBM
Type

	<u>Trident II</u>
Submarine Type OHIO	8/192

Submarine Name:

Alabama
Henry M Jackson
Kentucky
Louisiana

Maine
Nebraska
Nevada
Pennsylvania

SLBM Loading Facilities

Production Facilities for SLBMs

Name/Location: ATK LAUNCH SYSTEMS - SLBM, UTAH

SLBM Type or Variant of a Type

Trident II

Non-deployed SLBMs

5

Production Facilities for Ballistic Missile Submarines

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 SLBMs

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 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.

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	11	36	75	122
Non-deployed Heavy Bombers	9	0	16	25
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	11	0	0
Non-deployed Heavy Bombers	8	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0
Heavy Bombers Located at this Air Base			
Deployed Heavy Bombers	8	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	40
Non-deployed Heavy Bombers	0	0	8
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	36	35
Non-deployed Heavy Bombers	0	0	6
Heavy Bombers Equipped for Non-nuclear Armaments	0	0	0
Heavy Bombers Located at this Air Base			
Deployed Heavy Bombers	0	0	16
Test Heavy Bombers	0	0	1
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	4	0	0
Test Heavy Bombers	0	0	0
Heavy Bombers Equipped for Non-nuclear Armaments	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			
Deployed Heavy Bombers	0	36	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			
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	12
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	4	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	1
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 SLBMs	0
------------------------------	---

Non-deployed Launchers of ICBMs and SLBMs	0
---	---

Space Launch Facilities

Name/Location: KODIAK LAUNCH FACILITY, ALASKA

Non-deployed ICBMs	0
--------------------	---

Designation	ICBM Type or Variant of a Type
-------------	---

Non-deployed SLBMs	0
--------------------	---

Non-deployed Launchers of ICBMs	0
---------------------------------	---

Non-deployed Launchers of SLBMs	0
---------------------------------	---

Name/Location: VANDENBERG SPACE LAUNCH COMPLEX, CALIFORNIA

Non-deployed ICBMs 0

Designation ICBM
Type or
Variant of
a Type

Non-deployed SLBMs 0

Non-deployed Launchers of ICBMs 0

Non-deployed Launchers of SLBMs 0

Name/Location: WALLEPS FLIGHT FACILITY, VIRGINIA

Non-deployed ICBMs 0

Non-deployed SLBMs 0

Non-deployed Launchers of ICBMs 0

Non-deployed Launchers of SLBMs 0

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

Missile	ICBM Type or Variant of a Type	
	<u>MM-III</u>	<u>PK</u>
Classification	C	C
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)	---	---

Diameter of Launch Canister Body (Without Protruding Elements) (m)	---	---
Missile 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)	---	---

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

Trident II

Missile

Classification	C
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

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 Stage	
Diameter (m)	0.81
Type of Propellant (Liq/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)	---
97% of the Length of First Stage (m)	6.8
97% of the Diameter of First Stage (m)	2.0
External and Functional Differences Between Training Models of Missiles and SLBMs of Corresponding Types	
For Training 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

1. United States of America

(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

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:

	In the United States of America
ICBMs:	MINUTEMAN II (MM-II) 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

Name/Location: OASIS COMPLEX, UTAH

(SEE SECTION IX FOOTNOTE 1)

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

Name/Location: VANDENBERG AIR FORCE BASE,
CALIFORNIA

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, 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
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From RUSSIAN FEDERATION to WASHINGTON, D.C.:

(i) CANADIAN ROUTING TO DAVES J585
STOOL J150 HTO SAX J6 LRP V143 ROBR
AML

(i) RADAR VECTORS EN0271R SWANN V268
BROSS OOD235R OOD J42 RBV J62 ACK

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
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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 Portions:	Name of the Facility that Incorporated Excluded Portions and Subtitle, If Applicable/Location of the Facility:	Date of Preparation of the Inspection Site Diagram of Excluded Portions of the Facility:	Reference to BCC Document on the Exclusion of Portions of a Facility
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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.