Strategic Arms Reduction Treaty
Aggregate Memorandum of Understanding Exchange
(As of July 1, 2009)

Excerpts only: Russia and the United States

Available at the Federation of American Scientists
SUBJECT: NOTIFICATION OF UPDATED DATA IN THE MEMORANDUM OF UNDERSTANDING, AFTER THE EXPIRATION OF EACH SIX-MONTH PERIOD

NOTE: FOR THE PURPOSES OF THIS MEMORANDUM, THE WORD "DASH" IS USED TO DENOTE THAT THE ENTRY IS NOT APPLICABLE IN SUCH CASE. THE WORD "BLANK" IS USED TO DENOTE THAT THIS DATA DOES NOT CURRENTLY EXIST, BUT WILL BE PROVIDED WHEN AVAILABLE.

I. NUMBERS OF WARHEADS AND THROW-WEIGHT VALUES ATTRIBUTED TO DEPLOYED ICBMS AND DEPLOYED SLBMS, AND NUMBERS OF WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS:

1. THE FOLLOWING ARE NUMBERS OF WARHEADS AND THROW-WEIGHT VALUES ATTRIBUTED TO DEPLOYED ICBMS AND DEPLOYED SLBMS OF EACH TYPE EXISTING AS OF THE DATE OF SIGNATURE OF THE TREATY OR SUBSEQUENTLY DEPLOYED. IN THIS CONNECTION, IN CASE OF A CHANGE IN THE INITIAL VALUE OF THROW-WEIGHT OR THE NUMBER OF WARHEADS, RESPECTIVELY, DATA SHALL BE INCLUDED IN THE "CHANGED VALUE" COLUMN:

<table>
<thead>
<tr>
<th>THROW-WEIGHT (KG)</th>
<th>NUMBER OF WARHEADS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INITIAL VALUE</td>
</tr>
</tbody>
</table>

(i) INTERCONTINENTAL BALLISTIC MISSILES

<table>
<thead>
<tr>
<th>Type</th>
<th>Initial Value</th>
<th>Changed Value</th>
<th>Number of Warheads</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-11</td>
<td>1200</td>
<td>1200</td>
<td>1</td>
</tr>
<tr>
<td>SS-13</td>
<td>600</td>
<td>600</td>
<td>1</td>
</tr>
<tr>
<td>SS-25</td>
<td>1000</td>
<td>1200</td>
<td>1</td>
</tr>
<tr>
<td>SS-17</td>
<td>2550</td>
<td>2550</td>
<td>4</td>
</tr>
<tr>
<td>SS-19</td>
<td>4350</td>
<td>4350</td>
<td>6</td>
</tr>
<tr>
<td>SS-18</td>
<td>8800</td>
<td>8800</td>
<td>10</td>
</tr>
<tr>
<td>SS-24</td>
<td>4050</td>
<td>4050</td>
<td>10</td>
</tr>
</tbody>
</table>

(ii) SUBMARINE- LAUNCHED BALLISTIC MISSILES

<table>
<thead>
<tr>
<th>Type</th>
<th>Initial Value</th>
<th>Changed Value</th>
<th>Number of Warheads</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-N-6</td>
<td>650</td>
<td>650</td>
<td>1</td>
</tr>
<tr>
<td>SS-N-8</td>
<td>1100</td>
<td>1100</td>
<td>1</td>
</tr>
<tr>
<td>SS-N-17</td>
<td>450</td>
<td>450</td>
<td>1</td>
</tr>
<tr>
<td>SS-N-18</td>
<td>1650</td>
<td>1650</td>
<td>3</td>
</tr>
<tr>
<td>SS-N-20</td>
<td>2550</td>
<td>2550</td>
<td>10</td>
</tr>
<tr>
<td>SS-N-23</td>
<td>2800</td>
<td>2800</td>
<td>4</td>
</tr>
<tr>
<td>RSM-56</td>
<td>1150*)</td>
<td>1150*)</td>
<td>6</td>
</tr>
</tbody>
</table>

*) DATA WILL BE CONFIRMED BY FLIGHT TEST RESULTS.
2. THE FOLLOWING ARE NUMBERS OF WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS:

<table>
<thead>
<tr>
<th>HEAVY BOMBER TYPE AND VARIANT OF A TYPE EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</th>
<th>NUMBER OF WARHEADS</th>
</tr>
</thead>
<tbody>
<tr>
<td>UP TO A TOTAL OF 180 SUCH HEAVY BOMBERS</td>
<td></td>
</tr>
<tr>
<td>BLACKJACK</td>
<td>8</td>
</tr>
<tr>
<td>BEAR H</td>
<td>8</td>
</tr>
<tr>
<td>IN EXCESS OF 180 SUCH HEAVY BOMBERS</td>
<td></td>
</tr>
<tr>
<td>NONE</td>
<td>BLANK</td>
</tr>
</tbody>
</table>

HEAVY BOMBER TYPE AND VARIANT OF A TYPE EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS

| NONE                                                                          | BLANK             |
II. AGGREGATE NUMBERS

For each party, the data on aggregate numbers of strategic offensive arms are as follows:

**RUSSIA**

- Deployed ICBMs and their associated launchers, deployed SLBMs and their associated launchers, and deployed heavy bombers: 809
- Warheads attributed to deployed ICBMs, deployed SLBMs, and deployed heavy bombers: 3897
- Warheads attributed to deployed ICBMs and deployed SLBMs: 3289
- Throw-weight of deployed ICBMs and deployed SLBMs (MT): 2297.0

(i) ICBMs and ICBM launchers

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>SS-25</th>
<th>RS-12M</th>
<th>RS-12M</th>
<th>SS-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICBM TYPE</td>
<td>VARIANT 2 FOR SILO LAUNCHER</td>
<td>VARIANT 2 FOR ROAD-MOBILE LAUNCHER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deployed ICBMs and their associated launchers</td>
<td>176</td>
<td>50</td>
<td>15</td>
<td>120</td>
</tr>
<tr>
<td>Deployed heavy ICBMs and their associated launchers</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>Warheads attributed to deployed ICBMs</td>
<td>176</td>
<td>50</td>
<td>15</td>
<td>720</td>
</tr>
<tr>
<td>Warheads attributed to deployed ICBMs on mobile launchers of ICBMS</td>
<td>176</td>
<td>DASH</td>
<td>15</td>
<td>DASH</td>
</tr>
<tr>
<td>Warheads attributed to deployed heavy ICBMs</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>Throw-weight of deployed ICBMs (MT)</td>
<td>211.20</td>
<td>60.00</td>
<td>18.00</td>
<td>522.00</td>
</tr>
</tbody>
</table>
### ICBM TYPE

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>SS-18</th>
<th>SS-24</th>
<th>SS-24</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FOR SILO LAUNCHER</td>
<td>FOR RAIL-LAUNCHER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEPLOYED ICBMS AND THEIR ASSOCIATED LAUNCHERS</td>
<td>104</td>
<td>0</td>
<td>0</td>
<td>465</td>
</tr>
<tr>
<td>DEPLOYED HEAVY ICBMS AND THEIR ASSOCIATED LAUNCHERS</td>
<td>104</td>
<td>DASH</td>
<td>DASH</td>
<td>104</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED ICBMS</td>
<td>1040</td>
<td>0</td>
<td>0</td>
<td>2001</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED ICBMS ON MOBILE LAUNCHERS OF ICBMS</td>
<td>DASH</td>
<td>DASH</td>
<td>0</td>
<td>191</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED HEAVY ICBMS</td>
<td>1040</td>
<td>DASH</td>
<td>DASH</td>
<td>1040</td>
</tr>
<tr>
<td>THROW-WEIGHT OF DEPLOYED ICBMS (MT)</td>
<td>915.20</td>
<td>0</td>
<td>0</td>
<td>1726.40</td>
</tr>
</tbody>
</table>

(ii) SLBMS AND SLBM LAUNCHERS

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>SS-N-18</th>
<th>SS-N-20</th>
<th>SS-N-23</th>
<th>RSM-56</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED SLBMS AND THEIR ASSOCIATED LAUNCHERS</td>
<td>96</td>
<td>40</td>
<td>96</td>
<td>36</td>
<td>268</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED SLBMS</td>
<td>288</td>
<td>400</td>
<td>384</td>
<td>216</td>
<td>1288</td>
</tr>
<tr>
<td>THROW-WEIGHT OF DEPLOYED SLBMS (MT)</td>
<td>158.40</td>
<td>102.00</td>
<td>268.80</td>
<td>41.40</td>
<td>570.60</td>
</tr>
</tbody>
</table>
(iii) HEAVY BOMBERS

<table>
<thead>
<tr>
<th>Bomber Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOMBER TYPE</td>
<td></td>
</tr>
<tr>
<td>BLACKJACK</td>
<td>13</td>
</tr>
<tr>
<td>BEAR</td>
<td>63</td>
</tr>
<tr>
<td>TOTAL</td>
<td>76</td>
</tr>
</tbody>
</table>

DEPLOYED HEAVY BOMBERS

<table>
<thead>
<tr>
<th>Bomber Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>13</td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS</td>
<td>DASH</td>
</tr>
<tr>
<td>TOTAL</td>
<td>76</td>
</tr>
</tbody>
</table>

WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS

<table>
<thead>
<tr>
<th>Bomber Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>104</td>
<td>504</td>
</tr>
<tr>
<td>TOTAL</td>
<td>608</td>
</tr>
</tbody>
</table>

WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS

<table>
<thead>
<tr>
<th>Bomber Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>104</td>
<td>504</td>
</tr>
<tr>
<td>TOTAL</td>
<td>608</td>
</tr>
</tbody>
</table>

WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS

<table>
<thead>
<tr>
<th>Bomber Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>DASH</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0</td>
</tr>
</tbody>
</table>
III. AGGREGATE NUMBERS OF DEPLOYED ICBMS OR SLBMS TO WHICH A REDUCED NUMBER OF WARHEADS IS ATTRIBUTED

For each party, the data on ICBM bases or submarine bases and on aggregate numbers of ICBMs or SLBMs of existing types deployed at those bases, on which the number of warheads attributed is reduced pursuant to paragraph 5 of Article III of the Treaty, are as follows:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed ICBMs or SLBMs on which the number of warheads is reduced</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td>Warheads attributed to each deployed ICBM or SLBM after reduction in the number of warheads on it</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td>Number of warheads by which the original attribution for each ICBM or SLBM was reduced</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td>Aggregate reduction in the number of warheads attributed to deployed ICBMs or SLBMs of that type</td>
<td>Blank</td>
<td>Blank</td>
</tr>
<tr>
<td>Deployed SLBMs of the type SS-N-18</td>
<td>96</td>
<td></td>
</tr>
<tr>
<td>Multiplication factor specified in subparagraph (a)(ii) of paragraph 5 of Article III of the Treaty</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Aggregate number of warheads counted toward the aggregate reduction in the number of warheads attributed to deployed ICBMs and SLBMs</td>
<td>384</td>
<td></td>
</tr>
<tr>
<td>Aggregate reduction in the number of warheads attributed to deployed ICBMs and SLBMs, excluding SS-N-18 SLBMs</td>
<td>Blank</td>
<td></td>
</tr>
<tr>
<td>Aggregate reduction in the number of warheads attributed to deployed ICBMs and SLBMs, including SS-N-18 SLBMs</td>
<td>384</td>
<td></td>
</tr>
<tr>
<td>ICBM Bases at Which the Number of Warheads on Deployed ICBMs is Reduced</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td><strong>NAME/LOCATION</strong></td>
<td><strong>ICBM Type On Which the Number of Warheads is Reduced</strong></td>
<td></td>
</tr>
<tr>
<td>BLANK</td>
<td>BLANK</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Deployed ICBMs on Which the Number of Warheads is Reduced</th>
<th>BLANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warheads Attributed to Each Deployed ICBM After Reduction in the Number of Warheads on It</td>
<td>BLANK</td>
</tr>
<tr>
<td>Number of Warheads by Which the Original Attribution of Warheads for Each ICBM was Reduced</td>
<td>BLANK</td>
</tr>
<tr>
<td>Aggregate Reduction in the Number of Warheads Attributed to Deployed ICBMs of That Type</td>
<td>BLANK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SLBM Bases at Which the Number of Warheads on Deployed SLBMs is Reduced</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NAME/LOCATION</strong></td>
<td><strong>SLBM Type On Which the Number of Warheads is Reduced</strong></td>
</tr>
<tr>
<td>BLANK</td>
<td>BLANK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Deployed SLBMs on Which the Number of Warheads is Reduced</th>
<th>BLANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warheads Attributed to Each Deployed SLBM After Reduction in the Number of Warheads on It</td>
<td>BLANK</td>
</tr>
<tr>
<td>Number of Warheads by Which the Original Attribution of Warheads for Each SLBM was Reduced</td>
<td>BLANK</td>
</tr>
<tr>
<td>Aggregate Reduction in the Number of Warheads Attributed to Deployed SLBMs of That Type</td>
<td>BLANK</td>
</tr>
</tbody>
</table>
IV. ADDITIONAL AGGREGATE NUMBERS

FOR EACH PARTY, ADDITIONAL AGGREGATE NUMBERS RELATED TO THE LIMITATIONS PROVIDED FOR IN THE TREATY ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>Party</th>
<th>Description</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russia</td>
<td>NON-DEPLOYED ICBMS FOR MOBILE LAUNCHERS OF ICBMS</td>
<td>59[1]</td>
</tr>
<tr>
<td></td>
<td>NON-DEPLOYED ICBMS FOR RAIL-MOBILE LAUNCHERS OF ICBMS</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>ICBMS AND SLBMS AT TEST RANGES</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS</td>
<td>83[2]</td>
</tr>
<tr>
<td></td>
<td>NON-DEPLOYED RAIL-MOBILE LAUNCHERS OF ICBMS</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>TEST LAUNCHERS</td>
<td>26[3]</td>
</tr>
<tr>
<td></td>
<td>MOBILE TEST LAUNCHERS</td>
<td>20[3]</td>
</tr>
<tr>
<td></td>
<td>FIXED TEST LAUNCHERS</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>TRAINING LAUNCHERS</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS AT TRAINING FACILITIES</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>TRANSPORTER-LOADERS FOR ICBMS FOR ROAD-MOBILE LAUNCHERS OF ICBMS</td>
<td>BLANK</td>
</tr>
<tr>
<td></td>
<td>STORAGE FACILITIES FOR ICBMS OR SLBMS AND REPAIR FACILITIES FOR ICBMS OR SLBMS</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>SPACE LAUNCH FACILITIES</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>LAUNCHERS, AT SPACE LAUNCH FACILITIES, THAT HAVE CONTAINED OR LAUNCHED ICBMS OR SLBMS</td>
<td>6[4]</td>
</tr>
</tbody>
</table>
ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES

FORMER HEAVY BOMBERS

HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS

TRAINING HEAVY BOMBERS

HEAVY BOMBERS AND FORMER HEAVY BOMBERS CONVERTED FOR USE AS GROUND TRAINERS

TEST HEAVY BOMBERS

STATIC DISPLAYS:

ICBM LAUNCHERS

ICBMS AND SLBMS

LAUNCH CANISTERS

HEAVY BOMBERS AND FORMER HEAVY BOMBERS

FOOTNOTES:

[1] OF THESE, 3 (THREE) NON-DEPLOYED ICBMS ARE RS-12M, VARIANT 2 ICBMS FOR SILO LAUNCHERS.


<table>
<thead>
<tr>
<th>Annex</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ICBMS and ICBM Launchers</td>
</tr>
<tr>
<td>B</td>
<td>SLBMS and SLBM Launchers</td>
</tr>
<tr>
<td>C</td>
<td>Heavy Bombers and Former Heavy Bombers</td>
</tr>
<tr>
<td>D</td>
<td>Space Launch Facilities</td>
</tr>
<tr>
<td>E</td>
<td>Eliminated Facilities</td>
</tr>
<tr>
<td>F</td>
<td>ICBM and SLBM Technical Data</td>
</tr>
<tr>
<td>G</td>
<td>Heavy Bomber Technical Data</td>
</tr>
<tr>
<td>H</td>
<td>Long-Range Nuclear ALCM Technical Data</td>
</tr>
<tr>
<td>I</td>
<td>Other Data Required by the Treaty</td>
</tr>
</tbody>
</table>
ANNEX A. ICBMS AND ICBM LAUNCHERS

FOR EACH PARTY, THE NUMBERS OF DEPLOYED ICBMS AND THEIR ASSOCIATED LAUNCHERS, NON-DEPLOYED ICBMS, NON-DEPLOYED LAUNCHERS OF ICBMS, FIXED STRUCTURES FOR MOBILE LAUNCHERS OF ICBMS, AND SUPPORT EQUIPMENT, AS WELL AS DATA ON RELATED FACILITIES, ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>SS-13</th>
<th>SS-25</th>
<th>RS-12M</th>
<th>RS-12M</th>
<th>SS-17</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>VARIANT 2</td>
<td>VARIANT 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FOR SILO LAUNCHER</td>
<td>FOR ROAD-MOBILE LAUNCHER</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>DEPLOYED ICBMS AND THEIR ASSOCIATED LAUNCHERS</th>
<th>DEPLOYED ICBMS</th>
<th>DEPLOYED LAUNCHERS OF ICBMS</th>
<th>NON-DEPLOYED ICBMS FOR MOBILE LAUNCHERS OF ICBMS</th>
<th>NON-DEPLOYED ICBMS AT TEST RANGES</th>
<th>NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS</th>
<th>TEST LAUNCHERS</th>
<th>TRAINING LAUNCHERS</th>
<th>NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS AT TRAINING FACILITIES</th>
<th>TRANSPORTER-LOADERS FOR ICBMS FOR ROAD-MOBILE LAUNCHERS OF ICBMS</th>
<th>ICBM LAUNCHER STATIC DISPLAYS</th>
<th>ICBM STATIC DISPLAYS</th>
<th>LAUNCH CANISTER STATIC DISPLAYS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>176</td>
<td>50</td>
<td>15</td>
<td>0</td>
<td>DASH</td>
<td>56</td>
<td>3</td>
<td>0</td>
<td>DASH</td>
<td>0</td>
<td>BLANK</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>174</td>
<td>49</td>
<td>15</td>
<td>0</td>
<td>DASH</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>DASH</td>
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ICBM BASE FOR SILO LAUNCHERS OF ICBMS:

DOMBAROVSKIY

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DEPLOYED ICBMS 31
DEPLOYED SILO LAUNCHERS OF ICBMS 52

LAUNCHER GROUP:
DOMBAROVSKIY-1

SILOS USED AS LAUNCH CONTROL CENTERS 1

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LAUNCHER GROUP:
DOMBAROVSKIY-2

SILOS USED AS LAUNCH CONTROL CENTERS 1

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LAUNCHER GROUP: DOMBAROVSKIY-3

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: DOMBAROVSKIY-4

SILOS USED AS LAUNCH CONTROL CENTERS

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OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: DOMBAROVSKIY-5

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: DOMBAROVSKIY-7

SILOS USED AS LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: DOMBAROVSKIY-8

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LAUNCHER GROUP: DOMBAROVSKIY-10

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LAUNCHER GROUP:

UZHUR-1

SILOS USED AS LAUNCH CONTROL CENTERS

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UZHUR-5

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UZHUR-6

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LAUNCHER GROUP:  
**UZHUR-8**

SILOS USED AS LAUNCH CONTROL CENTERS  
1

OTHER LAUNCH CONTROL CENTERS  
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LAUNCHER GROUP:  
**UZHUR-9**

SILOS USED AS LAUNCH CONTROL CENTERS  
1

OTHER LAUNCH CONTROL CENTERS  
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**LAUNCHER GROUP:**

- **UZHUR-10**

**SILOS USED AS LAUNCH CONTROL CENTERS**

- 1

**OTHER LAUNCH CONTROL CENTERS**

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**MAINTENANCE FACILITY:**

- **UZHUR**

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**NON-DEPLOYED ICBMS**

- 3

**TRAINING MODELS OF MISSILES**

- 1

**ICBM EMBOLACEMENT EQUIPMENT**

- 2

**SILO TRAINING LAUNCHERS**

- 1

**ICBM BASE FOR SILO LAUNCHERS OF ICBMS:**

- **KOZEL’SK**

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**DEPLOYED ICBMS**

- 29

**DEPLOYED SILO LAUNCHERS OF ICBMS**

- 50
LAUNCHER GROUP:
KOZEL'SK-1

SILOS USED AS LAUNCH CONTROL CENTERS
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OTHER LAUNCH CONTROL CENTERS
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LAUNCHER GROUP:
KOZEL'SK-2

SILOS USED AS LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: KOZEL'SK-3

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: KOZEL'SK-4

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP:  
KOZEL'SK-5

SILOS USED AS LAUNCH CONTROL CENTERS

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MAINTENANCE FACILITY:  
KOZEL'SK

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ICBM BASE FOR SILO LAUNCHERS OF ICBMS:  
TATISHCHEVO

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TATISHCHEVO-1

SILOS USED AS LAUNCH CONTROL CENTERS
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OTHER LAUNCH CONTROL CENTERS
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LAUNCHER GROUP:
TATISHCHEVO-2

SILOS USED AS LAUNCH CONTROL CENTERS
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LAUNCHER GROUP:
TATISHCHEVO-3

SILOS USED AS LAUNCH CONTROL CENTERS
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LAUNCHER GROUP:
TATISHCHEVO-4

SILOS USED AS LAUNCH CONTROL CENTERS
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LAUNCHER GROUP:
    TATISHCHEVO-5

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP:
    TATISHCHEVO-6

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: TATISHCHEVO-7

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: TATISHCHEVO-8

SILOS USED AS LAUNCH CONTROL CENTERS

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**LAUNCHER GROUP:**
**TATISHCHEVO-9**

**SILOS USED AS LAUNCH CONTROL CENTERS**

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**LAUNCHER GROUP:**
**TATISHCHEVO-10**

**SILOS USED AS LAUNCH CONTROL CENTERS**

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**OTHER LAUNCH CONTROL CENTERS**

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LAUNCHER GROUP: TATISHCHEVO-11

SILOS USED AS LAUNCH CONTROL CENTERS

1

OTHER LAUNCH CONTROL CENTERS

NONE

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<th>SILO LAUNCHERS</th>
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LAUNCHER GROUP: TATISHCHEVO-12

SILOS USED AS LAUNCH CONTROL CENTERS

1

OTHER LAUNCH CONTROL CENTERS

NONE

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MAINTENANCE FACILITY:
  TATISHCHEVO

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NON-DEPLOYED ICBMS
  4

TRAINING MODELS OF MISSILES
  1

ICBM EMPLACEMENT EQUIPMENT
  2

SILO TRAINING LAUNCHERS
  1

ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:
  TEYKOVO

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DEPLOYED ICBMS
  3

DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS
  3

DEPLOYMENT AREA:
  TEYKOVO

BOUNDARY COORDINATES:
  SIZE: 110389 SQ.KM

RESTRICTED AREA: TEYKOVO-1

BOUNDARY COORDINATES:
  SIZE: 0.31 SQ.KM

DEPLOYED ICBMS
  3 BLANK

DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS
  3 BLANK

FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS
  9 BLANK
RESTRICTED AREA: TEYKOVO-2

SIZE: 0.27 SQ.KM

DEPLOYED ICBMS 0 BLANK
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 0 BLANK
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9 BLANK

RESTRICTED AREA: TEYKOVO-3

SIZE: 0.23 SQ.KM

ICBM TYPE
SS-25 RS-12M
VARIANT 2 FOR ROAD-MOBILE LAUNCHER

DEPLOYED ICBMS 0 9
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 0 9
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9 BLANK

RESTRICTED AREA: TEYKOVO-4

SIZE: 0.16 SQ.KM

DEPLOYED ICBMS 0 6
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 0 6
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9 BLANK

MAINTENANCE FACILITY: TEYKOVO

NON-DEPLOYED ICBMS 0 0
NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 0 0
TRAINING MODELS OF MISSILES 0 0
TRANSPORTER-LOADERS BLANK BLANK
ROAD-MOBILE TRAINING LAUNCHERS BLANK BLANK
ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:

YOSHKAR-OLA

ICBM TYPE
SS-25

DEPLOYED ICBMS
27

DEPLOYED ROAD-MOBILE
LAUNCHERS OF ICBMS
27

DEPLOYMENT AREA: YOSHKAR-OLA

BOUNDARY COORDINATES:

SIZE:  120400  SQ.KM

RESTRICTED AREA: YOSHKAR-OLA-1

SIZE:  0.24  SQ.KM

DEPLOYED ICBMS
9

DEPLOYED ROAD-MOBILE
LAUNCHERS OF ICBMS
9

FIXED STRUCTURES FOR
ROAD-MOBILE LAUNCHERS OF ICBMS
9

RESTRICTED AREA: YOSHKAR-OLA-2

SIZE:  0.27  SQ.KM

ICBM TYPE
SS-25

DEPLOYED ICBMS
9

DEPLOYED ROAD-MOBILE
LAUNCHERS OF ICBMS
9

FIXED STRUCTURES FOR
ROAD-MOBILE LAUNCHERS OF ICBMS
9

RESTRICTED AREA: YOSHKAR-OLA-3

SIZE:  0.34  SQ.KM

DEPLOYED ICBMS
9

DEPLOYED ROAD-MOBILE
LAUNCHERS OF ICBMS
9

FIXED STRUCTURES FOR
ROAD-MOBILE LAUNCHERS OF ICBMS
9
MAINTENANCE FACILITY:  
YOSHKAR-OLA

ICBM TYPE  
SS-25

NON-DEPLOYED ICBMS  
0

NON-DEPLOYED ROAD-MOBILE  
LAUNCHERS OF ICBMS  
0

TRAINING MODELS OF MISSILES  
0

TRANSPORTER-LOADERS  
BLANK

ROAD-MOBILE TRAINING LAUNCHERS  
BLANK

ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:

NIZHNIY TAGIL

ICBM TYPE  
SS-25

DEPLOYED ICBMS  
27

DEPLOYED ROAD-MOBILE  
LAUNCHERS OF ICBMS  
27

DEPLOYMENT AREA:  
NIZHNIY TAGIL

BOUNDARY COORDINATES:

SIZE:  88800  SQ.KM

RESTRICTED AREA:  
NIZHNIY TAGIL-1

SIZE:  0.27  SQ.KM

ICBM TYPE  
SS-25

DEPLOYED ICBMS  
9

DEPLOYED ROAD-MOBILE  
LAUNCHERS OF ICBMS  
9

FIXED STRUCTURES FOR  
ROAD-MOBILE LAUNCHERS OF ICBMS  
9
RESTRICTED AREA: NIZHNIY TAGIL-2
SIZE: 0.32 SQ.KM
- Deployed ICBMs: 9
- Deployed Road-Mobile Launchers of ICBMs: 9
- Fixed Structures for Road-Mobile Launchers of ICBMs: 9

RESTRICTED AREA: NIZHNIY TAGIL-4
SIZE: 0.37 SQ.KM
- Deployed ICBMs: 0
- Deployed Road-Mobile Launchers of ICBMs: 0
- Fixed Structures for Road-Mobile Launchers of ICBMs: 9

RESTRICTED AREA: NIZHNIY TAGIL-5
SIZE: 0.19 SQ.KM
- Deployed ICBMs: 9
- Deployed Road-Mobile Launchers of ICBMs: 9
- Fixed Structures for Road-Mobile Launchers of ICBMs: 9

MAINTENANCE FACILITY: NIZHNIY TAGIL
- ICBM Type: SS-25
- Non-Deployed ICBMs: 0
- Non-Deployed Road-Mobile Launchers of ICBMs: 0
- Training Models of Missiles: 0
- Transporter-Loaders: BLANK
- Road-Mobile Training Launchers: BLANK
ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS: NOVOSIBIRSK

ICBM TYPE
SS-25

DEPLOYED ICBMS
36

DEPLOYED ROAD-MOBILE
LAUNCHERS OF ICBMS
36

DEPLOYMENT AREA: NOVOSIBIRSK

BOUNDARY COORDINATES:
SIZE: 102428 SQ.KM

RESTRICTED AREA: NOVOSIBIRSK-1

SIZE: 0.32 SQ.KM
   DEPLOYED ICBMS 9
   DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
   FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

RESTRICTED AREA: NOVOSIBIRSK-2

SIZE: 0.26 SQ.KM
   DEPLOYED ICBMS 9
   DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
   FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

RESTRICTED AREA: NOVOSIBIRSK-3

SIZE: 0.31 SQ.KM
   DEPLOYED ICBMS 9
   DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
   FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9
RESTRICTED AREA: NOVOSIBIRSK-4
SIZE: 0.41 SQ.KM

DEPLOYED ICBMS 0
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 0
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

RESTRICTED AREA: NOVOSIBIRSK-5
SIZE: 0.37 SQ.KM

DEPLOYED ICBMS 9
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

MAINTENANCE FACILITY: NOVOSIBIRSK

ICBM TYPE SS-25

NON-DEPLOYED ICBMS 0
NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 0
TRAINING MODELS OF MISSILES 0
TRANSPORTER-LOADERS BLANK
ROAD-MOBILE TRAINING LAUNCHERS BLANK
ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:
KANSK

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<tr>
<td>DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS</td>
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DEPLOYMENT AREA: KANSK

BOUNDARY COORDINATES:

SIZE: 111500 SQ.KM

RESTRICTED AREA: KANSK-5

SIZE: 0.13 SQ.KM

| DEPLOYED ICBMS | 0     |
| DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS | 0     |
| FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS | 0     |

MAINTENANCE FACILITY:
KANSK

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<th>ICBM TYPE</th>
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<tr>
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<tr>
<td>NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS</td>
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<tr>
<td>TRAINING MODELS OF MISSILES</td>
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<tr>
<td>TRANSPORTER-LOADERS</td>
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<tr>
<td>ROAD-MOBILE TRAINING LAUNCHERS</td>
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ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:
IRKUTSK

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<tr>
<td>DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS</td>
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DEPLOYMENT AREA: IRKUTSK

BOUNDARY COORDINATES:

SIZE: 115800 SQ.KM

RESTRICTED AREA: IRKUTSK-1

SIZE: 0.17 SQ.KM

DEPLOYED ICBMS 9
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

RESTRICTED AREA: IRKUTSK-2

SIZE: 0.17 SQ.KM

DEPLOYED ICBMS 9
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

RESTRICTED AREA: IRKUTSK-3

SIZE: 0.17 SQ.KM

DEPLOYED ICBMS 9
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 9
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9

RESTRICTED AREA: IRKUTSK-4

SIZE: 0.19 SQ.KM

DEPLOYED ICBMS 0
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS 2
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS 9
**MAINTENANCE FACILITY:**

**IRKUTSK**

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<td><strong>TRAINING MODELS OF MISSILES</strong></td>
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<td><strong>TRANSPORTER-LOADERS</strong></td>
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<td><strong>ROAD-MOBILE TRAINING LAUNCHERS</strong></td>
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**ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:**

**BARNaul**

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**DEPLOYMENT AREA:**

**BARNaul**

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**RESTRICTED AREA:**

**BARNaul-1**

| **SIZE:** 0.41 SQ.KM      |

| **DEPLOYED ICBMS** | 9         |
| **DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS** | 9         |
| **FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS** | 9         |

**RESTRICTED AREA:**

**BARNaul-2**

| **SIZE:** 0.19 SQ.KM      |

<p>| <strong>DEPLOYED ICBMS</strong> | 9         |
| <strong>DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS</strong> | 9         |
| <strong>FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS</strong> | 9         |</p>
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| Deployed ICBMs | 9 |
| Deployed Road-Mobile Launchers of ICBMs | 9 |
| Fixed Structures for Road-Mobile Launchers of ICBMs | 9 |

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| Deployed ICBMs | 9 |
| Deployed Road-Mobile Launchers of ICBMs | 9 |
| Fixed Structures for Road-Mobile Launchers of ICBMs | 9 |

| Maintenance Facility: | Barnaul |

| Non-Deployed ICBMs | 0 |
| Non-Deployed Road-Mobile Launchers of ICBMs | 0 |
| Training Models of Missiles | 0 |
| Transporter-Loaders | BLANK |
| Road-Mobile Training Launchers | BLANK |
ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS: DROVYANAYA

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DEPLOYED ICBMS
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS

DEPLOYMENT AREA: DROVYANAYA

BOUNDARY COORDINATES:
SIZE: 80000 SQ.KM

RESTRICTED AREA: DROVYANAYA-1
SIZE: 0.30 SQ.KM

DEPLOYED ICBMS
DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS
FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS
MAINTENANCE FACILITY:
DROVYANAYA

ICBM TYPE
SS-25

NON-DEPLOYED ICBMS
0

NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS
0

TRAINING MODELS OF Missiles
0

TRANSPORTER-LOADERS
BLANK

ROAD-MOBILE TRAINING LAUNCHERS
BLANK

ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:
VYPOLZOVO

ICBM TYPE
SS-25

DEPLOYED ICBMS
18

DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS
18

DEPLOYMENT AREA: VYPOLZOVO

BOUNDARY COORDINATES:
SIZE: 105370 SQ.KM

RESTRICTED AREA: VYPOLZOVO-1

SIZE: 0.10 SQ.KM

ICBM TYPE
SS-25

DEPLOYED ICBMS
9

DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS
9

FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS
9
RESTRICTED AREA: VYPOLZOVO-2

SIZE: 0.22 SQ.KM

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<td>Fixed Structures for Road-Mobile Launchers of ICBMs</td>
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MAINTENANCE FACILITY:

VYPOLZOVO

ICBM TYPE

SS-25

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<tr>
<td>Non-Deployed Road-Mobile Launchers of ICBMs</td>
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<tr>
<td>Training Models of Missiles</td>
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<td>Transporter-Loaders</td>
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<tr>
<td>Road-Mobile Training Launchers</td>
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ICBM BASE FOR RAIL-MOBILE LAUNCHERS OF ICBMS:

KOSTROMA

RAIL-GARRISON:

KOSTROMA

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<td>Parking Sites</td>
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ICBM TYPE

SS-24

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<td>Deployed Rail-Mobile Launchers of ICBMS</td>
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<td>Fixed Structures for Rail-Mobile Launchers of ICBMS</td>
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MAINTENANCE FACILITY:
KOSTROMA

ICBM TYPE
SS-24

NON-DEPLOYED ICBMS
0

NON-DEPLOYED RAIL-MOBILE
0/0

LAUNCHERS OF ICBMS/
LAUNCH-ASSOCIATED
RAILCARS

TRAINING MODELS OF MISSILES
0

RAIL-MOBILE TRAINING LAUNCHERS
BLANK

ICBM BASE FOR RAIL-MOBILE LAUNCHERS OF ICBMS:
KRASNOYARSK

RAIL-GARRISON:
KRASNOYARSK

RAIL ENTRANCE/EXIT
1

PARKING SITES
0

ICBM TYPE
SS-24

DEPLOYED ICBMS
0

DEPLOYED RAIL-MOBILE
0

LAUNCHERS OF ICBMS

TRAINS OF STANDARD CONFIGURATION
0

FIXED STRUCTURES FOR
RAIL-MOBILE LAUNCHERS OF
ICBMS

MAINTENANCE FACILITY:
KRASNOYARSK

ICBM TYPE
SS-24

NON-DEPLOYED ICBMS
0

NON-DEPLOYED RAIL-MOBILE
0/0

LAUNCHERS OF ICBMS/
LAUNCH-ASSOCIATED
RAILCARS

TRAINING MODELS OF MISSILES
0

RAIL-MOBILE TRAINING LAUNCHERS
BLANK
ICBM LOADING FACILITIES:

BERSHET'  

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<td>VARIANT 2 FOR ROAD-MOBILE LAUNCHERS</td>
<td>FOR RAIL-MOBILE LAUNCHERS</td>
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NON-DEPLOYED ICBMS  
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NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS  
BLANK  

PRODUCTION FACILITIES FOR ICBMS:

VOTKINSK MACHINE BUILDING PLANT, VOTKINSK  

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<td>VARIANT 2 FOR SILO Launchers</td>
<td>VARIANT 2 FOR ROAD-MOBILE LAUNCHERS</td>
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NON-DEPLOYED ICBMS  
8  

M.V. KHRUNICHEV MACHINE BUILDING PLANT, MOSCOW  

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NON-DEPLOYED ICBMS  
0  

PRODUCTION FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:

BARRIKADY PLANT, VOLGOGRAD  

<table>
<thead>
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NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS  
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YURGA MACHINE BUILDING PLANT, YURGA  

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NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS  
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(RETURNED)
**STORAGE FACILITIES FOR ICBMS:**

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<th>SS-19</th>
<th>SS-18</th>
<th>SS-24 FOR RAIL-MOBILE LAUNCHER</th>
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<td>KHRIZOLITOVYY</td>
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<td>RS-12M FOR SILO LAUNCHER</td>
<td>SS-19</td>
<td>SS-18</td>
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### STORAGE FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:

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<th>Name/Location</th>
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<tbody>
<tr>
<td>PIBAN’SHTUR</td>
<td>SS-25</td>
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</table>

**Non-Deployed Mobile Launchers of ICBMS:**

| ICBM Type | 43 |

### REPAIR FACILITIES FOR ICBMS:

**None**

### NAME/LOCATION

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<th>B</th>
<th>C</th>
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**Non-Deployed ICBMS**

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**Training Models of Missiles**

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### REPAIR FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:

**None**

### NAME/LOCATION

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<th>ICBM Type</th>
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**Non-Deployed Mobile Launchers of ICBMS**

<table>
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### TEST RANGES:

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</tr>
</thead>
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**Non-Deployed ICBMS**

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**Training Models of Missiles**

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**ICBM Emplacement Equipment**

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**Transporter-Loaders**

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**Mobile Test Launchers**

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ROAD-MOBILE TEST LAUNCHER FOR RS-24
ICBM PROTOTYPE: ONE

FIXED TEST Launchers:

**SILO LAUNCHERS**

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<thead>
<tr>
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<th>ICBM Type</th>
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<tbody>
<tr>
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<td>RS-12M, VARIANT 2</td>
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</table>

**SOFT-SITE LAUNCHERS**

NONE

KAPUSTIN YAR

ICBM TYPE SS-25

**NON-DEPLOYED ICBMS**

0

**TRAINING MODELS OF MISSILES**

BLANK

**ICBM EMPLACEMENT EQUIPMENT**

DASH

**TRANSPORTER-LOADERS**

BLANK

**MOBILE TEST LAUNCHERS**

1

**FIXED TEST LAUNCHERS**

BLANK

**SOFT-SITE LAUNCHERS**

NONE

YUR'YA

ICBM TYPE SS-25

**NON-DEPLOYED ICBMS**

9

**TRAINING MODELS OF MISSILES**

BLANK

**ICBM REPLACEMENT EQUIPMENT**

DASH

**TRANSPORTER-LOADERS**

BLANK

**MOBILE TEST LAUNCHERS**

10

**FIXED TEST LAUNCHERS**

BLANK

**SOFT-SITE LAUNCHERS**

NONE
TRAINING FACILITIES:

SERPUKHOV

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<td>TRANSPORTER-LOADERS</td>
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<tr>
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<tr>
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BALABANNOVO

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<tr>
<td>MOBILE TRAINING LAUNCHERS</td>
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ROSTOV

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## STATIC DISPLAYS:

### VYPOLZOVO

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| ICBM STATIC DISPLAYS          | BLANK     | BLANK  |
| ICBM LAUNCH CANISTER STATIC DISPLAYS | BLANK     | BLANK  |

### TOL’YATTI

<table>
<thead>
<tr>
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| ICBM STATIC DISPLAYS          | BLANK     | BLANK  |
| ICBM LAUNCH CANISTER STATIC DISPLAYS | BLANK     | BLANK  |

### ST PETERSBURG

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| ICBM STATIC DISPLAYS          | BLANK     | BLANK  |
| ICBM LAUNCH CANISTER STATIC DISPLAYS | BLANK     | BLANK  |

### ELEKTROGORSK

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| ICBM LAUNCH CANISTER STATIC DISPLAYS | BLANK     | BLANK  |
## ST PETERSBURG

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## TEST RANGE PLESETSK

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## CONVERSION OR ELIMINATION FACILITIES FOR ICBMS:

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<td>SS-24 FOR RAIL-MOBILE LAUNCHER</td>
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<tr>
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<td>SS-24 FOR RAIL-MOBILE LAUNCHER</td>
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| NON-DEPLOYED ICBMS                   | 0 | 0 | 0 |
| NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS | DASH | DASH | DASH |
| NON-DEPLOYED RAIL-MOBILE LAUNCHERS OF ICBMS | DASH | DASH | DASH |
| TRAINING MODELS OF MISSILE          | DASH | DASH | 1 |
| TRANSPORTER-LOADERS                 | BLANK | BLANK | BLANK |
### VOTKINSK

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<td>TRAINING MODELS OF MISSILE</td>
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### PIBAN'SHUR

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</table>
ANNEX A FOOTNOTES:


ANNEX B. SLBMS AND SLBM LAUNCHERS

FOR EACH PARTY, THE NUMBERS OF DEPLOYED SLBMS AND THEIR ASSOCIATED LAUNCHERS, NON-DEPLOYED SLBMS, NON-DEPLOYED LAUNCHERS OF SLBMS, AS WELL AS DATA ON RELATED FACILITIES, ARE AS FOLLOWS:

<table>
<thead>
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<th>B) RUSSIAN FEDERATION</th>
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<tr>
<td>DEPLOYED SLBMS AND THEIR ASSOCIATED LAUNCHERS</td>
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<tr>
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<td>SLBM STATIC DISPLAYS</td>
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</tr>
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<td>TOTAL NUMBER STORAGE FACILITIES FOR SLBMS AND REPAIR FACILITIES FOR SLBMS</td>
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SUBMARINE BASE: NERPICH'YA

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<tr>
<td>DEPLOYED LAUNCHERS OF SLBMS</td>
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<tr>
<td>NON-DEPLOYED SLBMS</td>
</tr>
</tbody>
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BALLISTIC MISSILE SUBMARINES BASED AT THIS SUBMARINE BASE:

NUMBER OF SUBMARINES/AGGREGATE NUMBER OF LAUNCHERS BY SLBM TYPE

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<th>RSM-56</th>
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<tr>
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<td>MISSLE TENDERS</td>
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SUBMARINE BASE:  
**YAGEL’NAYA**

<table>
<thead>
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<th>SLBM TYPE</th>
<th>SS-N-18</th>
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<tr>
<td>DEPLOYED SLBMS</td>
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<td>0</td>
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<tr>
<td>DEPLOYED LAUNCHERS OF SLBMS</td>
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<td>96</td>
<td>16</td>
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<tr>
<td>NON-DEPLOYED SLBMS</td>
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</tbody>
</table>

BALLISTIC MISSILE SUBMARINES BASED AT THIS SUBMARINE BASE:

<table>
<thead>
<tr>
<th>NUMBER OF SUBMARINES/AGGREGATE NUMBER OF LAUNCHERS BY SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-N-18</td>
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</tbody>
</table>

**SUBMARINE TYPE:**

- **DELTA III**: 1/16
- **DELTA IV**: 6/96
- **KASATKA**: 1/16

NUMBER

- STORAGE CRANES: 0
- MISSILE TENDERS: 0

---

**SUBMARINE BASE:**  
**RYBACHIY**

<table>
<thead>
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</tbody>
</table>

BALLISTIC MISSILE SUBMARINES BASED AT THIS SUBMARINE BASE:

<table>
<thead>
<tr>
<th>NUMBER OF SUBMARINES/AGGREGATE NUMBER OF LAUNCHERS BY SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-N-18</td>
</tr>
</tbody>
</table>

**SUBMARINE TYPE:**

- **DELTA III**: 5/80

NUMBER

- STORAGE CRANES: 0
- MISSILE TENDERS: 0
SUBMARINE BASE:
PAVLOVSKOYE

DEPLOYED SLBMS 0
DEPLOYED LAUNCHERS OF SLBMS 0
NON-DEPLOYED SLBMS 0

BALLISTIC MISSILE SUBMARINES BASED AT THIS SUBMARINE BASE:

SLBM TYPE
SS-N-18

NUMBER OF SUBMARINES/AGGREGATE NUMBER OF LAUNCHERS
BY SLBM TYPE

SS-N-18

SUBMARINE TYPE:
DELTA III 0/0

NUMBER

STORAGE CRANES 0
MISSILE TENDERS 0

SLBM LOADING FACILITIES:

OKOL'NAYA

SLBM TYPE
BLANK

NON-DEPLOYED SLBMS BLANK

NUMBER

STORAGE CRANES 0
MISSILE TENDERS 1

SEVERODVINSK

SLBM TYPE
BLANK

NON-DEPLOYED SLBMS BLANK

NUMBER

STORAGE CRANES 0
MISSILE TENDERS 0
**PRODUCTION FACILITIES FOR SLBMS:**

<table>
<thead>
<tr>
<th>Plant Location</th>
<th>SLBM Type</th>
<th>Non-Deployed SLBMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZLATOUST MACHINE BUILDING PLANT</td>
<td>BLANK</td>
<td>BLANK</td>
</tr>
<tr>
<td>ZLATOUST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KRASNOYARSK MACHINE BUILDING PLANT</td>
<td>SS-N-23</td>
<td>1</td>
</tr>
<tr>
<td>KRASNOYARSK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOTKINSK MACHINE BUILDING PLANT</td>
<td>RSM-56</td>
<td>0</td>
</tr>
<tr>
<td>VOTKINSK</td>
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<td></td>
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</tbody>
</table>

**PRODUCTION FACILITIES FOR BALLISTIC MISSILE SUBMARINES:**

<table>
<thead>
<tr>
<th>Name/Location</th>
<th>SLBM Type</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

**STORAGE FACILITIES FOR SLBMS:**

<table>
<thead>
<tr>
<th>Location</th>
<th>SLBM Type</th>
<th>Non-Deployed SLBMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>OKOL'NAYA</td>
<td>SS-N-23</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Storage Cranes</th>
<th>Missile Tenders</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
REVDA

SLBM TYPE  BLANK

NON-DEPLOYED SLBMS  BLANK

NUMBER

STORAGE CRANES  0
MISSILE TENDERS  0

NENOKSA

SLBM TYPE  BLANK

NON-DEPLOYED SLBMS  BLANK

NUMBER

STORAGE CRANES  0
MISSILE TENDERS  0

REPAIR FACILITIES FOR SLBMS:

SEVERODVINSK

SLBM TYPE  BLANK

NON-DEPLOYED SLBMS  BLANK

TEST RANGES:

NENOKSA

SLBM TYPE  BLANK

NON-DEPLOYED SLBMS  BLANK

TEST LAUNCHERS:

SOFT-SITE LAUNCHERS

1  SS-N-8
2  SS-N-20

OTHER LAUNCHERS

(DESIGNATOR)  BLANK

NONE

TRAINING FACILITIES:

NONE
**Effective Date - 1 Jul 2009**

**Russian Federation MOU Data**

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>SLBM TYPE</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLANK</td>
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<td></td>
</tr>
</tbody>
</table>

**SLBM STATIC DISPLAYS:**

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>SLBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOTIK MUSEUM</td>
<td>SS-N-6</td>
<td>1</td>
</tr>
<tr>
<td>PEREYASLAVL'-ZALESSKIY</td>
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</table>

**SLBM CONVERSION OR ELIMINATION FACILITIES:**

<table>
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<tr>
<th>NAME/LOCATION</th>
<th>SLBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PASHINO</td>
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<td></td>
</tr>
<tr>
<td>NON-DEPLOYED SLBMS</td>
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</tbody>
</table>

**SLBM LAUNCHER CONVERSION OR ELIMINATION FACILITIES:**

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>SLBM TYPE</th>
<th>DEPLOYED LAUNCHERS OF SLBMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEVER PRODUCTION COMBINE</td>
<td>SS-N-20</td>
<td>0</td>
</tr>
<tr>
<td>SEVERODVINSK</td>
<td>BLANK</td>
<td>BLANK</td>
</tr>
<tr>
<td>NERPA SHIP REPAIR PLANT</td>
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<td>BLANK</td>
</tr>
<tr>
<td>MURMANSK</td>
<td>BLANK</td>
<td>BLANK</td>
</tr>
<tr>
<td>ZVEZDA FAR EASTERN PLANT</td>
<td>BLANK</td>
<td></td>
</tr>
<tr>
<td>BOL'SHOY KAMEN', PRIMORSKIY KRAY</td>
<td>BLANK</td>
<td></td>
</tr>
<tr>
<td>KAMCHATKA MARITIME PLANT</td>
<td>BLANK</td>
<td>BLANK</td>
</tr>
<tr>
<td>VILYUCHINSK, KAMCHATSKAYA OBLAST</td>
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<td></td>
</tr>
<tr>
<td>KAMCHATKA MARITIME PLANT</td>
<td>BLANK</td>
<td>BLANK</td>
</tr>
</tbody>
</table>
PRODUCTION COMBINE
NORTHERN MACHINE BUILDING
ENTERPRISE
SEVERODVINSK

SLBM TYPE
SS-N-20

DEPLOYED LAUNCHERS OF SLBMS
0

ANNEX B FOOTNOTES: NONE
ANNEX C. HEAVY BOMBERS AND FORMER HEAVY BOMBERS

For each party, the numbers of heavy bombers and former heavy bombers, as well as data on related facilities, are as follows:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>TYPE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>BLACKJACK</td>
</tr>
<tr>
<td>Deployed Heavy Bombers</td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Heavy Bombers Equipped for Long-Range Nuclear ALCMS</td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Heavy Bombers Equipped for Nuclear Armaments Other Than Long-Range Nuclear ALCMS</td>
<td></td>
<td>DASH</td>
</tr>
<tr>
<td>Heavy Bombers Equipped for Non-Nuclear Armaments</td>
<td></td>
<td>DASH</td>
</tr>
<tr>
<td>Test Heavy Bombers</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>Training Heavy Bombers</td>
<td></td>
<td>BLANK</td>
</tr>
<tr>
<td>Former Heavy Bombers</td>
<td></td>
<td>DASH</td>
</tr>
<tr>
<td>Heavy Bombers and Former Heavy Bombers Converted for Use as Ground Trainers</td>
<td></td>
<td>BLANK</td>
</tr>
<tr>
<td>Heavy Bomber and Former Heavy Bomber Static Displays</td>
<td></td>
<td>BLANK</td>
</tr>
</tbody>
</table>
AIR BASES FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

UKRAINKA

<table>
<thead>
<tr>
<th>Bomber Type and Variant of a Type</th>
<th>BEAR H16</th>
<th>BEAR H6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed Heavy Bombers Equipped</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>for Long-Range Nuclear ALCMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Bombers Attributed With</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>8 Long-Range Nuclear ALCMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Bombers in Excess of 180,</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Attributed with the Number of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long-Range Nuclear ALCMS Specified</td>
<td></td>
<td></td>
</tr>
<tr>
<td>for such Heavy Bombers in Section I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>of this Memorandum</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 Former Heavy Bombers

ENGEL'S

<table>
<thead>
<tr>
<th>Bomber Type and Variant of a Type</th>
<th>BLACKJACK</th>
<th>BEAR H16</th>
<th>BEAR H6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed Heavy Bombers Equipped</td>
<td>13</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>for Long-Range Nuclear ALCMS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Bombers Attributed With</td>
<td>13</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>8 Long-Range Nuclear ALCMS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Bombers in Excess of 180,</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Attributed with the Number of</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long-Range Nuclear ALCMS Specified</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for such Heavy Bombers in Section I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>of this Memorandum</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

 Former Heavy Bombers

DASH dash dash dash dash
<table>
<thead>
<tr>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
<th>BEAR H16</th>
<th>BEAR H6</th>
</tr>
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</table>

**Deployed Heavy Bombers Equipped for Long-Range Nuclear ALCMS:**

<table>
<thead>
<tr>
<th>Heavy Bombers Attributed with 8 Long-Range Nuclear ALCMS</th>
<th>3</th>
<th>2</th>
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</thead>
<tbody>
<tr>
<td>Heavy Bombers in Excess of 180, Attributed with the Number of Long-Range Nuclear ALCMS Specified for Such Heavy Bombers in Section I of This Memorandum</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Former Heavy Bombers:**

Air Base for Heavy Bombers Equipped for Nuclear Armaments Other Than Long-Range Nuclear ALCMS:

None

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLANK</td>
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Air Base for Heavy Bombers Equipped for Non-Nuclear Armaments:

None

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
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</thead>
<tbody>
<tr>
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Air Base for Former Heavy Bombers:

None

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

**RYAZAN’**
PRODUCTION FACILITIES FOR HEAVY BOMBERS AND FORMER HEAVY BOMBERS:

KAZAN' AIRCRAFT PRODUCTION
COMBINE, KAZAN'

| BOMBER TYPE AND |
| VARIANT OF A TYPE |
| BLACKJACK |

DEPLOYED HEAVY BOMBERS EQUIPPED
FOR LONG-RANGE NUCLEAR ALCMS 0

DEPLOYED HEAVY BOMBERS EQUIPPED
FOR NUCLEAR ARMAMENTS OTHER THAN
LONG-RANGE NUCLEAR ALCMS 0

HEAVY BOMBERS EQUIPPED FOR
NON-NUCLEAR ARMAMENTS 0

TEST HEAVY BOMBERS 0

TRAINING HEAVY BOMBERS 0

FORMER HEAVY BOMBERS 0

STORAGE FACILITIES FOR HEAVY BOMBERS AND FORMER HEAVY BOMBERS:

NONE

| NAME/LOCATION |
| BLANK |

| BOMBER TYPE AND |
| VARIANT OF A TYPE |
| A BLANK |

| TYPES OF HEAVY BOMBERS AND FORMER |
| BEAR |

| HEAVY BOMBERS NORMALLY REPAIRED AT |
| THIS FACILITY |

| TYPES OF HEAVY BOMBERS AND FORMER |
| BEAR |

| HEAVY BOMBERS NORMALLY REPAIRED AT |
| THIS FACILITY |
HEAVY BOMBER FLIGHT TEST CENTERS:

ZHUKOVSKY

<table>
<thead>
<tr>
<th>BOMBER TYPE AND</th>
<th>VARIANT OF A TYPE</th>
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<tbody>
<tr>
<td>BLACKJACK</td>
<td>BEAR</td>
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</table>

TEST HEAVY BOMBERS

<table>
<thead>
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<th>NUMBER</th>
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<tbody>
<tr>
<td>7</td>
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<tr>
<td>5</td>
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TRAINING FACILITIES:

NONE

<table>
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<tr>
<th>NAME/LOCATION</th>
<th>BOMBER TYPE AND</th>
<th>VARIANT OF A TYPE</th>
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<tbody>
<tr>
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<td>A</td>
<td>B</td>
</tr>
<tr>
<td></td>
<td>C</td>
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</table>

HEAVY BOMBERS AND FORMER HEAVY BOMBERS CONVERTED FOR USE AS GROUND TRAINERS:

NONE

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>BOMBER TYPE AND</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
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HEAVY BOMBER AND FORMER HEAVY BOMBER STATIC DISPLAYS:

RYAZAN'

<table>
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<tr>
<th>BOMBER TYPE AND</th>
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<tbody>
<tr>
<td>BEAR B</td>
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ENGEL'S

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<th>NUMBER</th>
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<td>BISON B</td>
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<td>BEAR G</td>
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</table>
CONVERSION OR ELIMINATION FACILITIES FOR HEAVY BOMBERS AND FORMER HEAVY BOMBERS:

ENGEL'S

BOMBER TYPE AND
VARIANT OF A TYPE
BLANK

DEPLOYED HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS
DASH

DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS
DASH

HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS
DASH

TEST HEAVY BOMBERS
DASH

TRAINING HEAVY BOMBERS
DASH

FORMER HEAVY BOMBERS
DASH

ANNEX C FOOTNOTES: NONE
ANNEX D. SPACE LAUNCH FACILITIES

FOR EACH PARTY, THE NUMBERS OF ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES AND THE DATA ON SPACE LAUNCH FACILITIES ARE AS FOLLOWS:

A) RUSSIAN FEDERATION

ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES 2

SPACE LAUNCH FACILITIES:

NENOKSA

ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES 0
LAUNCHERS THAT HAVE CONTAINED OR LAUNCHED ICBMS OR SLBMS 1

SVOBODNY

ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES 0
LAUNCHERS THAT HAVE CONTAINED OR LAUNCHED ICBMS OR SLBMS 2

PLESETSK

ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES 2
LAUNCHERS THAT HAVE CONTAINED OR LAUNCHED ICBMS OR SLBMS 3 [1]

ANNEX D FOOTNOTES:

ANNEX E. ELIMINATED FACILITIES

FOR EACH PARTY, THOSE FACILITIES FORMERLY DECLARED IN THIS MEMORANDUM THAT, IN ACCORDANCE WITH PARAGRAPH 2 OF SECTION IX OF THE PROTOCOL ON CONVERSION OR ELIMINATION, ARE CONSIDERED ELIMINATED FOR THE PURPOSES OF THE TREATY AND WHOSE ELIMINATION HAS BEEN NOTIFIED IN ACCORDANCE WITH PARAGRAPH 3 OF SECTION I OF THE NOTIFICATION PROTOCOL ARE AS FOLLOWS:

B) RUSSIAN FEDERATION

FORMER FUNCTION OF THE FACILITY:

ICBM BASES FOR SILO LAUNCHERS OF ICBMS:

BERSHET'
KRASNOYARSK
DROVYANAYA
YOSHkar-OLA
VYPOLZOVO
ALEYSK
KARTALY

SUBMARINE BASES:

OLEN'YA
OSTROVNOY

REPAIR FACILITY FOR MOBILE LAUNCHERS OF ICBMS:

BATAYSK

TRAINING FACILITY:

GOR'YACHIY KLYUCH
PERM'
FOR EACH PARTY, THE FACILITIES CURRENTLY OR FORMERLY DECLARED IN THIS MEMORANDUM WHOSE PORTIONS HAVE BEEN EXCLUDED, IN ACCORDANCE WITH PARAGRAPH 19 OR 20 OF ANNEX J TO THIS MEMORANDUM, FOR THE PURPOSES OF THE TREATY FROM WITHIN THE BOUNDARIES SHOWN ON THE SITE DIAGRAMS OF SUCH FACILITIES, AND NOTIFICATION OF CHANGES IN THE BOUNDARIES OF WHICH HAVE BEEN PROVIDED IN ACCORDANCE WITH PARAGRAPH 19 OF SECTION I OF THE NOTIFICATION PROTOCOL, ARE AS FOLLOWS:

C) RUSSIAN FEDERATION:

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

MAINTENANCE FACILITY

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS
TEYKOVOD MAINTENANCE FACILITY
TEYKOVOD

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-1

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

TRAINING FACILITY

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

PERM' TRAINING FACILITY

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-15

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

PRODUCTION FACILITY FOR SLBMS

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

PRODUCTION FACILITY FOR SLBMS
ZLATOUST MACHINE BUILDING PLANT
ZLATOUST

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-21
FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

MAINTENANCE FACILITY

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

ICBM BASE FOR SILO LAUNCHERS OF ICBMS
KARTALY MAINTENANCE FACILITY
KARTALY

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-22

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS
RYAZAN'

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-23

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS
ENGEL'S

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-24
FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS
UKRAINKA

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY: NONE

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-25

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

TEST RANGE PLESETSK

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

TEST RANGE PLESETSK
TESTING LOCATION
  7
  9
  12
  16

FIELD POSITIONS


REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-27

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:

ICBM BASE FOR RAIL-MOBILE LAUNCHERS OF ICBMS

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND, IF APPLICABLE, SUBTITLE:

ICBM BASE FOR RAIL-MOBILE LAUNCHERS OF ICBMS
KOSTROMA


REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-28
FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
ICBM BASE FOR SILO LAUNCHERS OF ICBMS

NAME/LOCATION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
ICBM BASE FOR SILO LAUNCHERS OF ICBMS
DROVYANAYA


REFERENCE TO THE JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: S-29

ANNEX E FOOTNOTES: NONE
ANNEX F. ICBM AND SLBM TECHNICAL DATA

IN ADDITION TO ICBM AND SLBM TECHNICAL DATA, THE PARTIES SHALL PROVIDE, AS A CATEGORY OF DATA FOR THIS ANNEX, THE FOLLOWING CLASSIFICATION OF EACH EXISTING TYPE OF ICBM AND SLBM:

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

A) RUSSIAN FEDERATION

(i) INTERCONTINENTAL BALLISTIC MISSILES:

<table>
<thead>
<tr>
<th>MISSILE: ICBM TYPE AND VARIANT OF A TYPE</th>
<th>SS-11</th>
<th>SS-13</th>
<th>SS-25</th>
<th>RS-12M</th>
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<td>CLASSIFICATION</td>
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<td>C</td>
<td>A</td>
<td>A</td>
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<td>NUMBER OF STAGES</td>
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<tr>
<td>LENGTH OF ASSEMBLED MISSILE</td>
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<tr>
<td>WITHOUT FRONT SECTION (M)</td>
<td>17.0</td>
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<td>18.5</td>
<td>17.9</td>
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<td>MAXIMUM DIAMETER OF MISSILE</td>
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<tr>
<td>AIRFRAME (WITHOUT STABILIZERS, RACEWAYS, LUG GUIDES, OR OTHER PROTRUDING ELEMENTS) (M)</td>
<td>2.00</td>
<td>1.84</td>
<td>1.80</td>
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<td>LAUNCH WEIGHT [1] (MT)</td>
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<td>51.0</td>
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<td>TOTAL LENGTH OF MISSILE AS A UNIT WITH LAUNCH CANISTER:</td>
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<tr>
<td>WITH FRONT SECTION (M)</td>
<td>19.5</td>
<td>DASH</td>
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<td>22.7</td>
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<tr>
<td>WITHOUT FRONT SECTION [2] (M)</td>
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<td>DASH</td>
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<td>LENGTH OF LAUNCH CANISTER BODY [3] (M)</td>
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<td>DASH</td>
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<tr>
<td>DIAMETER OF LAUNCH CANISTER BODY (WITHOUT PROTRUDING ELEMENTS) (M)</td>
<td>2.90</td>
<td>DASH</td>
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### ICBM Type and Variant of a Type

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<th>SS-13</th>
<th>SS-25</th>
<th>RS-12M</th>
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<tbody>
<tr>
<td>Variant 2</td>
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<td></td>
<td></td>
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<tr>
<td>For Silo Launcher</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

#### Missile Stages:

**First Stage**
- **Length (M):**
  - SS-11: 13.40
  - SS-13: 9.20
  - SS-25: 8.10
  - RS-12M: 8.04
- **Length Used for Confirming a New Type (M):**
  - SS-11: XX.X [5]
  - SS-25: 7.4
  - RS-12M: 6.9
- **Diameter (M):**
  - SS-11: 2.00
  - SS-13: 1.84
  - SS-25: 1.80
  - RS-12M: 1.86
- **Type of Propellant (Liq/Sol):**
  - SS-11: Liq
  - SS-13: Sol
  - SS-25: Sol
  - RS-12M: Sol
- **Weight of Fully Loaded Stage (MT):**
  - SS-11: 40.0
  - SS-13: 34.5
  - SS-25: 27.8
  - RS-12M: 28.6

**Second Stage**
- **Diameter (if different from first stage) (M):**
  - SS-11: 1.49
  - SS-13: 1.55
  - SS-25: 1.61
- **Type of Propellant (Liq/Sol):**
  - SS-11: Liq
  - SS-13: Sol
  - SS-25: Sol
  - RS-12M: Sol

**Third Stage**
- **Diameter (if different from first stage) (M):**
  - SS-11: 1.00
  - SS-13: 1.34
  - SS-25: 1.58
- **Type of Propellant (Liq/Sol):**
  - SS-11: DASH
  - SS-13: Sol
  - SS-25: Sol
  - RS-12M: Sol
<table>
<thead>
<tr>
<th>ICBM Type and Variant of a Type</th>
<th>RS-12M</th>
<th>SS-17</th>
<th>SS-19</th>
<th>SS-18</th>
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<tr>
<td>Variant 2</td>
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<tr>
<td>For Road-Mobile Launcher</td>
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**Missile:**

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<td>2</td>
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<td>Length of Assembled Missile without Front Section (M)</td>
<td>17.9</td>
<td>20.9</td>
<td>21.1</td>
<td>29.1</td>
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<td>Maximum Diameter of Missile Airframe (without stabilizers, raceways, lug guides, or other protruding elements) (M)</td>
<td>1.86</td>
<td>2.25</td>
<td>2.50</td>
<td>3.00</td>
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<tr>
<td>Launch Weight [1] (MT)</td>
<td>47.2</td>
<td>71.1</td>
<td>105.6</td>
<td>211.1</td>
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<td>Total Length of Missile as a Unit with Launch Canister:</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>With Front Section (M)</td>
<td>22.3</td>
<td>21.6</td>
<td>24.3</td>
<td>35.7</td>
</tr>
<tr>
<td>Without Front Section [2] (M)</td>
<td>19.5</td>
<td>21.6</td>
<td>20.0</td>
<td>30.5</td>
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<tr>
<td>Length of Launch Canister Body [3] (M)</td>
<td>19.5</td>
<td>21.6</td>
<td>19.4</td>
<td>29.7</td>
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<tr>
<td>Diameter of Launch Canister Body (without protruding elements) (M)</td>
<td>2.05</td>
<td>2.50</td>
<td>2.90</td>
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**Missile Stages:**

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<td>Length (M)</td>
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<tr>
<td>Length used for confirming a new type [5] (M)</td>
</tr>
<tr>
<td>Diameter (M)</td>
</tr>
<tr>
<td>Type of Propellant (LIQ/SOL)</td>
</tr>
<tr>
<td>Weight of Fully Loaded Stage [1] (MT)</td>
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### Russian Federation MOU Data

**Effective Date - 1 Jul 2009: 75**

#### ICBM Type and Variant of a Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Variant</th>
<th>RS-12M</th>
<th>SS-17</th>
<th>SS-19</th>
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<tbody>
<tr>
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</tbody>
</table>

**VARIANT 2 FOR ROAD-MOBILE LAUNCHER**

#### Second Stage

- **Diameter (If Different from First Stage) (M):**
  - 1.61
  - 2.10
  - DASH
  - DASH

- **Type of Propellant (LIQ/SOL):**
  - SOL
  - LIQ
  - LIQ
  - LIQ

#### Third Stage

- **Diameter (If Different from First Stage) (M):**
  - 1.58
  - DASH
  - DASH
  - DASH

- **Type of Propellant (LIQ/SOL):**
  - SOL
  - DASH
  - DASH
  - DASH

#### ICBM Type and Variant of a Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Variant</th>
<th>SS-24</th>
<th>SS-24</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**FOR SILO LAUNCHER**

**FOR RAIL-MOBILE LAUNCHER**

#### MISSILE:

- **Classification:** A
- **Number of Stages:** 3
- **Length of Assembled Missile Without Front Section (M):**
  - 18.8 \[8\]
  - 19.0 \[8\]
- **Maximum Diameter of Missile Airframe (Without Stabilizers, Raceways, Lug Guides, or Other Protruding Elements) (M):**
  - 2.40
  - 2.40
- **Launch Weight [1] (MT):**
  - 104.5
  - 104.5
- **Total Length of Missile as a Unit with Launch Canister:**
  - With Front Section (M): 22.4
  - Without Front Section [2] (M): 20.4
  - Diameter of Launch Canister Body (Without Protruding Elements) (M): 2.70
ICBM TYPE AND VARIANT OF A TYPE

<table>
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<tr>
<th>SS-24</th>
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<tr>
<td>FOR SILO</td>
<td>RAIL-MOBILE</td>
</tr>
<tr>
<td>LAUNCHER</td>
<td>LAUNCHER</td>
</tr>
</tbody>
</table>

MISSILE STAGES:

**FIRST STAGE**
- LENGTH (M) 9.50 [9][11] 9.70 [10][12]
- LENGTH USED FOR CONFIRMING A NEW TYPE (M) X.X [5] 8.2
- DIAMETER (M) 2.40 2.40
- TYPE OF PROPELLANT (LIQ/SOL) SOL SOL
- WEIGHT OF FULLY LOADED STAGE [1] (MT) 52.5 53.7

**SECOND STAGE**
- DIAMETER (IF DIFFERENT FROM FIRST STAGE) (M) DASH DASH
- TYPE OF PROPELLANT (LIQ/SOL) SOL SOL

**THIRD STAGE**
- DIAMETER (IF DIFFERENT FROM FIRST STAGE) (M) DASH DASH
- TYPE OF PROPELLANT (LIQ/SOL) SOL SOL

ROAD-MOBILE LAUNCHERS OF ICBMS, AS WELL AS FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS AND SUPPORT EQUIPMENT FOR ROAD-MOBILE LAUNCHERS OF ICBMS:

ICBM TYPE AND VERSION OF AN ITEM

<table>
<thead>
<tr>
<th>SS-25</th>
<th>RS-12M</th>
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</thead>
<tbody>
<tr>
<td>VARIANT 2 FOR ROAD-MOBILE LAUNCHER</td>
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</tbody>
</table>

ROAD-MOBILE LAUNCHER OF ICBMS (IN TRANSPORT POSITION, WITHOUT MISSILE):

- LENGTH (M) 17.3 (18.4) [13] 19.3
- HEIGHT (M) (WITHOUT PROTRUDING ELEMENTS) 3.0 [14] 2.9
- WIDTH (M) [15] 3.1 3.4
**ICBM Type and Version of an Item**

- **SS-25**
- **RS-12M**
- **VARIANT 2 FOR ROAD-MOBILE LAUNCHER**

**Transporter-Loader (In Transport Position, Without Missile):**

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<th>Measurement</th>
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<th>Value 2</th>
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<tr>
<td>Length (M)</td>
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<td>XX.X</td>
</tr>
<tr>
<td>Height (M)</td>
<td>X.X</td>
<td>X.X</td>
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<tr>
<td>Width (M)</td>
<td>X.X</td>
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**Fixed Structure for Road-Mobile Launchers of ICBMs:**

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<th>Measurement</th>
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<td>Length (M)</td>
<td>30.4</td>
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<tr>
<td>Height (M)</td>
<td>7.2 [16]</td>
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<tr>
<td>Width (M)</td>
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<tr>
<td>Number of Spaces for Road-Mobile Launchers of ICBMs</td>
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**Rail-Mobile Launchers of ICBMs, As Well As Trains of Standard Configuration and Fixed Structures for Rail-Mobile Launchers of ICBMs:**

**ICBM Type and Version of an Item**

- **SS-24**

**Rail-Mobile Launcher of ICBMs**

(In Transport Position, Without Missile):

<table>
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<tbody>
<tr>
<td>Length (M)</td>
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</tr>
<tr>
<td>Height (M)</td>
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<tr>
<td>Width (M)</td>
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**Train of Standard Configuration:**

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<tr>
<td>Number of Rail-Mobile Launchers of ICBMs/Number of Launch-AssOCIated RailCars</td>
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SUPPORT EQUIPMENT FOR SILO LAUNCHERS OF ICBMS:

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<tr>
<th>ICBM TYPE AND VERSION OF AN ITEM</th>
<th>SS-19</th>
<th>SS-18</th>
<th>SS-24</th>
<th>RS-12M</th>
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<tbody>
<tr>
<td>VARIANT 2</td>
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<td></td>
<td>FOR SILO LAUNCHER</td>
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ICBM EMLACEMENT EQUIPMENT
(IN TRANSPORT POSITION,
WITHOUT MISSILE):

LENGTH [17] (M) 18.8 21.6 26.8 24.4
HEIGHT [18] (M) 3.4 4.4 5.7 5.24[19]
WIDTH (M) 3.3 3.4 4.1 4.95

(ii) SUBMARINE-LAUNCHED BALLISTIC MISSILES:

<table>
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<tr>
<th>SLBM TYPE AND VARIANT OF A MISSILE</th>
<th>SS-N-6</th>
<th>SS-N-8</th>
<th>SS-N-17</th>
<th>SS-N-18</th>
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<td>CLASSIFICATION</td>
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<td>B</td>
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<td>NUMBER OF STAGES</td>
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<td>2</td>
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<tr>
<td>LENGTH OF ASSEMBLED MISSILE</td>
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<td>10.6</td>
<td>14.1</td>
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<td>(12.1) [20]</td>
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<tr>
<td>MAXIMUM DIAMETER OF MISSILE AIRFRAME</td>
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<tr>
<td>(WITHOUT STABILIZERS, RACEWAYS,</td>
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<tr>
<td>LUG GUIDES, OR OTHER PROTRUDING</td>
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<td>ELEMENTS) (M)</td>
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<td>1.80</td>
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<tr>
<td>LAUNCH WEIGHT [1] (MT)</td>
<td>14.2</td>
<td>33.3</td>
<td>26.9</td>
<td>35.3</td>
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</table>

TOTAL LENGTH OF MISSILE
AS A UNIT WITH LAUNCH CANISTER:

| WITH FRONT SECTION (M) DASH | DASH | DASH | DASH | DASH |
| WITHOUT FRONT SECTION (M) DASH | DASH | DASH | DASH | DASH |
| LENGTH OF LAUNCH CANISTER BODY (M) DASH | DASH | DASH | DASH | DASH |
| DIAMETER OF LAUNCH CANISTER BODY (WITHOUT PROTRUDING ELEMENTS) (M) DASH | DASH | DASH | DASH | DASH |
### MISSILE STAGES:

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<tr>
<th></th>
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<th>SS-N-8</th>
<th>SS-N-17</th>
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<tr>
<td>LENGTH (M)</td>
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<tr>
<td>TYPE OF PROPELLANT (LIQ/SOL)</td>
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<td>LIQ</td>
<td>SOL</td>
<td>LIQ</td>
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<tr>
<td>WEIGHT OF FULLY LOADED STAGE [1] (MT)</td>
<td>13.5</td>
<td>25.7</td>
<td>17.5</td>
<td>25.7</td>
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<tr>
<td><strong>SECOND STAGE</strong></td>
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<tr>
<td>DIAMETER (IF DIFFERENT FROM FIRST STAGE) (M)</td>
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<td>DASH</td>
<td>DASH</td>
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<tr>
<td>TYPE OF PROPELLANT (LIQ/SOL)</td>
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<td>LIQ</td>
<td>SOL</td>
<td>LIQ</td>
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<td><strong>THIRD STAGE</strong></td>
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<tr>
<td>DIAMETER (IF DIFFERENT FROM FIRST STAGE) (M)</td>
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<td>DASH</td>
<td>DASH</td>
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<tr>
<td>TYPE OF PROPELLANT (LIQ/SOL)</td>
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### MISSILE:

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<td>LENGTH OF ASSEMBLED MISSILE WITHOUT FRONT SECTION (M)</td>
<td>16.0</td>
<td>14.8</td>
<td>11.5</td>
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<tr>
<td>(16.1) [21]</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MAXIMUM DIAMETER OF MISSILE AIRFRAME (WITHOUT STABILIZERS, RACEWAYS, LUG GUIDES, OR OTHER PROTRUDING ELEMENTS) (M)</td>
<td>2.40</td>
<td>1.90</td>
<td>2.0</td>
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<tr>
<td>LAUNCH WEIGHT [1] (MT)</td>
<td>90.0</td>
<td>40.3</td>
<td>36.8</td>
</tr>
<tr>
<td>(84.0) [22]</td>
<td>(87.6) [21]</td>
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</tbody>
</table>
SLBM TYPE AND VARIANT OF A TYPE
SS-N-20  SS-N-23  RSM-56

TOTAL LENGTH OF MISSILE AS A UNIT WITH LAUNCH CANISTER

| WITH FRONT SECTION (M) | DASH | DASH | 12.1 |
| WITHOUT FRONT SECTION (M) | DASH | DASH | DASH |
| LENGTH OF LAUNCH CANISTER BODY (M) | DASH | DASH | 12.1 |
| DIAMETER OF LAUNCH CANISTER BODY (WITHOUT PROTRUDING ELEMENTS) (M) | DASH | DASH | 2.1 |

MISSILE STAGES:

FIRST STAGE

| LENGTH (M) | 9.5 | 7.3 | 3.8 |
| (8.2) [21] |
| LENGTH USED OF CONFIRMING A NEW TYPE [5] (M) | X.X | X.X | X.X |
| DIAMETER (M) | 2.40 | 1.90 | 2.0 |
| TYPE OF PROPELLANT (LIQ/SOL) | SOL | LIQ | SOL |
| WEIGHT OF FULLY LOADED STAGE [1] (MT) | 52.8 | 22.3 | 18.6 |
| (49.9) [21] |

SECOND STAGE

| DIAMETER (IF DIFFERENT FROM FIRST STAGE) (M) | DASH | DASH | DASH |
| TYPE OF PROPELLANT (LIQ/SOL) | SOL | LIQ | SOL |

THIRD STAGE

| DIAMETER (IF DIFFERENT FROM FIRST STAGE) (M) | 2.30 | 1.85 | DASH |
| TYPE OF PROPELLANT (LIQ/SOL) | SOL | LIQ | SOL |

FOOTNOTES TO ANNEX F:

[1] GIVEN AS REFERENCE DATA; DETERMINED THROUGH CALCULATION.
[2] AS RECEIVED FROM MANUFACTURING PLANT.
[3] WITHOUT ADDITIONAL CANISTER PART (SKIRT) CONTAINING FRONT SECTION.
[4] LENGTH OF SS-25 ICBM FIRST STAGE, BURNED WITHOUT NOZZLE ATTACHED, IS 6.5 M.

[5] DATA WILL BE PROVIDED WHEN A NEW TYPE OF ICBM OR SLBM IS DECLARED, FOR THE PURPOSE OF CONFIRMING A CHANGE IN THE STAGE LENGTH OF AN ICBM OR SLBM OF A NEW TYPE IN COMPARISON WITH THE STAGE LENGTH OF ICBMS OR SLBMS OF EXISTING OR PREVIOUSLY DECLARED NEW TYPES.

[6] FOR VARIANTS SS-18A AND SS-18C IT IS 28.5 METERS; FOR VARIANT SS-18B IT IS 29.1 METERS.

[7] FOR VARIANTS SS-18B AND SS-18C IT IS 35.7 METERS; FOR VARIANT SS-18A IT IS 38.9 METERS.

[8] LENGTH OF ASSEMBLED SS-24 ICBM FOR SILO LAUNCHER WITHOUT FRONT SECTION WITH COUPLING DEVICE ATTACHED IS 19.3 METERS; LENGTH OF ASSEMBLED SS-24 ICBM FOR RAIL-MOBILE LAUNCHER WITHOUT FRONT SECTION WITH COUPLING DEVICE ATTACHED IS 19.3 METERS.

[9] LENGTH OF FIRST STAGE WITHOUT NOZZLE ATTACHED IS 7.1 METERS.

[10] LENGTH OF FIRST STAGE WITHOUT NOZZLE ATTACHED IS 7.3 METERS.


[12] LENGTH OF SEPARATE FIRST STAGE OF SS-24 ICBM FOR RAIL-MOBILE LAUNCHER WITH COUPLING DEVICE ATTACHED IS 8.8 METERS.

[13] DEPENDING UPON VERSION OF AN ITEM.

[14] HEIGHT MAY VARY INSIGNIFICANTLY, DEPENDING UPON SOIL COMPACTNESS, TIRE PRESSURE, ETC.

[15] NOT INCLUDING DISK PLATES FASTENED ON BOTH SIDES, WHICH PROTRUDE IN TRANSPORT POSITION AND WHICH ARE REMOVED AND USED FOR GROUND SUPPORT DURING MISSILE LAUNCH PREPARATION.

[16] HEIGHT MAY VARY INSIGNIFICANTLY, DEPENDING UPON CONSTRUCTION TOLERANCES DURING ASSEMBLY OF THE STRUCTURE AND UPON HOW TIGHTLY ROOF IS CLOSED.

[17] WITHOUT PRIME MOVER.

[18] HEIGHT IS MEASURED WITH PRIME MOVER ATTACHED.

[19] GIVEN AS REFERENCE DATA.

[20] DEPENDING UPON MISSILE CONFIGURATION.

[21] FOR A VARIANT OF A TYPE OF SLBM.

[22] LAUNCH WEIGHT WITH LAUNCHER COMPONENTS IS SHOWN; SHOWN IN PARENTHESES IS LAUNCH WEIGHT AFTER THESE COMPONENTS HAVE BEEN JETTISONED.
**ANNEX G. HEAVY BOMBER TECHNICAL DATA**

**B) RUSSIAN FEDERATION**

<table>
<thead>
<tr>
<th>TYPE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BLACKJACK</td>
<td>APR 1987</td>
</tr>
<tr>
<td>BEAR</td>
<td>APR 1956</td>
</tr>
</tbody>
</table>

**TYPES OF HEAVY BOMBERS FROM WHICH LONG-RANGE NUCLEAR ALCMS HAVE BEEN FLIGHT-TESTED**

(i) HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

<table>
<thead>
<tr>
<th>BOMBER</th>
<th>TYPE AND VARIANT OF A TYPE</th>
<th>BLACKJACK</th>
<th>BEAR H16</th>
<th>BEAR H6</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS-15B</td>
<td>AS-15A</td>
<td>12</td>
<td>16</td>
<td>6</td>
</tr>
</tbody>
</table>

**LAUNCHERS OF LONG-RANGE NUCLEAR ALCMS:**

**EXTERNAL LAUNCHER:**

<table>
<thead>
<tr>
<th>PYLON</th>
<th>LENGTH (METERS)</th>
<th>HEIGHT (METERS)</th>
<th>MAXIMUM NUMBER ON HEAVY BOMBER</th>
<th>MAXIMUM NUMBER OF LONG-RANGE NUCLEAR ALCMS CARRIED ON EACH Pylon</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
<td>(3) [2]</td>
</tr>
</tbody>
</table>

[1] (1.65)
<table>
<thead>
<tr>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
<th>BLACKJACK</th>
<th>BEAR H16</th>
<th>BEAR H6</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF ATTACHMENT JOINTS ON PYLON FOR ATTACHING IT TO HEAVY BOMBER</td>
<td>DASH</td>
<td>2</td>
<td>DASH</td>
</tr>
<tr>
<td>DISTANCE BETWEEN JOINTS FOR ATTACHING PYLON TO HEAVY BOMBER, MEASURED ON PYLON OR HEAVY BOMBER (M)</td>
<td>DASH</td>
<td>3.4</td>
<td>DASH</td>
</tr>
<tr>
<td>NUMBER OF ATTACHMENT JOINTS ON PYLON FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO IT</td>
<td>DASH</td>
<td>2</td>
<td>DASH</td>
</tr>
<tr>
<td>DISTANCE BETWEEN JOINTS FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO PYLON, MEASURED ON PYLON (M)</td>
<td>DASH</td>
<td>2.3</td>
<td>DASH</td>
</tr>
<tr>
<td>DISTINGUISHING FEATURES OF PYLON</td>
<td>DASH</td>
<td>BLANK</td>
<td>DASH</td>
</tr>
</tbody>
</table>

LONG-RANGE NUCLEAR ALCM LAUNCHER LOCATED IN INTERNAL WEAPONS BAYS:

- LENGTH (METERS): 6.6, 6.6, 6.6
- DISTINGUISHING FEATURES: ROTARY TYPE WITH EXTERNAL SUSPENSION OF MISSILES
- MAXIMUM NUMBER ON HEAVY BOMBER: 2, 1, 1
- MAXIMUM NUMBER OF LONG-RANGE NUCLEAR ALCMS FOR WHICH LAUNCHER IS EQUIPPED: 6, 6, 6

DIMENSIONS OF WEAPONS BAYS (M):

**FIRST BAY**
- WIDTH [3] (M): 1.92, 1.78, 1.78
- HEIGHT (M): 2.4, 2.9, 2.9

**SECOND BAY**
- LENGTH [3] (M): 11.3, DASH, DASH
- WIDTH [3] (M): 1.92, DASH, DASH
- HEIGHT (M): 2.4, DASH, DASH

**THIRD BAY**
- LENGTH: DASH, DASH, DASH
- WIDTH: DASH, DASH, DASH
- HEIGHT: DASH, DASH, DASH
DISTINGUISHING FEATURES BETWEEN VARIANTS OF A TYPE OF HEAVY BOMBER WITHIN THE CATEGORY OF HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

THE ABSENCE OF EXTERNAL ATTACHMENT JOINTS FOR ARMAMENTS UNDER THE WING IS A FEATURE DISTINGUISHING THE BEAR H6 VARIANT OF A TYPE OF HEAVY BOMBER EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS FROM THE BEAR H16 HEAVY BOMBER EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS.

(ii) HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:

DIFFERENCES THAT MAKE HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS DISTINGUISHABLE FROM HEAVY BOMBERS OF THIS TYPE EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS, TECHNICAL DATA FOR WHICH ARE LISTED IN SUBPARAGRAPH (i):

1) DIFFERENCES BETWEEN BEAR A [4] HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS AND BEAR H6 AND BEAR H16 HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:


- THE PRIMARY LANDING GEAR STRUTS ARE TILTED TOWARD THE TAIL SECTION OF THE AIRPLANE. THE PRIMARY LANDING GEAR STRUTS ON BEAR H6 AND BEAR H16 AIRPLANES ARE TILTED TOWARD THE NOSE SECTION OF THE AIRPLANE.

- THERE IS NO IN-FLIGHT REFUELING PROBE. THERE IS SUCH A PROBE ON BEAR H6 AND BEAR H16 AIRPLANES.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- THERE ARE NO ATTACHMENT JOINTS FOR ARMAMENTS UNDER THE WING/FUSELAGE.

DISTINGUISHING FEATURES OF WEAPONS BAY:

- TWO BOMB RACKS FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS ARE LOCATED IN THE WEAPONS BAY. A BOMB RACK IS DISTINGUISHABLE FROM A PYLON OR ROTARY LAUNCHER OF LONG-RANGE NUCLEAR ALCMS BY THE DISTANCE BETWEEN THE JOINTS FOR ATTACHING THE NUCLEAR ARMAMENTS ONTO THE BOMB RACK, WHICH IS 0.48 METERS.

(2) DIFFERENCES BETWEEN THE BEAR B [5] HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS AND BEAR H6 AND BEAR H16 HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:


- THE PRIMARY LANDING GEAR STRUTS ARE TILTED TOWARD THE TAIL SECTION OF THE AIRPLANE. THE PRIMARY LANDING GEAR STRUTS ON BEAR H6 AND BEAR H16 AIRPLANES ARE TILTED TOWARD THE NOSE SECTION OF THE AIRPLANE.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- THERE ARE NO ATTACHMENT JOINTS FOR ARMAMENTS UNDER THE WING/FUSELAGE.

DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE WEAPONS BAY IS NOT EQUIPPED FOR A ROTARY LAUNCHER OF LONG-RANGE NUCLEAR ALCMS AND IS DISTINGUISHABLE FROM THE WEAPONS BAY ON BEAR H6 AND BEAR H16 AIRPLANES BY THE FOLLOWING: THE LENGTH (ALONG THE EDGE OF THE DOOR) IS 14.2 METERS;

- ONE BEAM-TYPE RACK FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS IS LOCATED IN THE WEAPONS BAY. THE RACK IS DISTINGUISHABLE FROM A ROTARY LAUNCHER OF LONG-RANGE NUCLEAR ALCMS BY THE DISTANCE BETWEEN THE SUPPORTS FOR ATTACHING NUCLEAR ARMAMENTS ONTO THE RACK, WHICH IS 3.76 METERS.

(3) DIFFERENCES BETWEEN BEAR G HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS AND BEAR H AND BEAR H16 HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

- THERE ARE TWO TWIN-MOUNTED GUNS ON THE TOP AND BOTTOM OF THE FUSELAGE. BEAR H6 AND BEAR H16 AIRPLANES HAVE ONE TWIN-MOUNTED TAIL GUN.
DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- ONE PYLON FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS IS LOCATED UNDER EACH WING. THIS PYLON IS DISTINGUISHERABLE FROM A PYLON FOR LONG-RANGE NUCLEAR ALCMS BY THE DISTANCE BETWEEN THE JOINTS FOR ATTACHING THE PYLON TO THE WING OF THE HEAVY BOMBER (4.7 METERS), AND THE DISTANCE BETWEEN THE JOINTS FOR ATTACHING NUCLEAR ARMAMENTS ONTO THE PYLON.

DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE WEAPONS BAY IS NOT EQUIPPED FOR A ROTARY LAUNCHER OF LONG-RANGE NUCLEAR ALCMS AND IS DISTINGUISHERABLE FROM THE WEAPONS BAY ON BEAR H6 AND BEAR H16 AIRPLANES BY THE FOLLOWING: THE LENGTH (ALONG THE EDGE OF THE DOOR) IS 12.0 METERS;

- ONE BEAM-TYPE RACK FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS IS LOCATED IN THE WEAPONS BAY. THE RACK IS DISTINGUISHERABLE FROM A PYLON OR ROTARY LAUNCHER OF LONG-RANGE NUCLEAR ALCMS BY THE DISTANCE BETWEEN THE SUPPORTS FOR ATTACHING NUCLEAR ARMAMENTS ONTO THE RACK, WHICH IS 2.7 METERS.

(iii) HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS, OF A TYPE FROM NONE OF WHICH A LONG-RANGE NUCLEAR ALCM HAS BEEN FLIGHT-TESTED: NONE

RECOGNITION FEATURES OF (BLANK) HEAVY BOMBERS:

(iv) HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS: NONE

DIFFERENCES THAT MAKE HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS DISTINGUISHERABLE FROM HEAVY BOMBERS OF THIS TYPE EQUIPPED FOR NUCLEAR ARMAMENTS, TECHNICAL DATA AND DISTINGUISHERING FEATURES FOR WHICH ARE LISTED IN SUBPARAGRAPH (i) OR (ii):

(1) DIFFERENCES BETWEEN (BLANK) HEAVY BOMBER EQUIPPED FOR NON-NUCLEAR ARMAMENTS AND (BLANK) HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS:

EXTERNALLY OBSERVABLE DISTINGUISHERING FEATURES:

- (EXTERNALLY OBSERVABLE DISTINGUISHERING FEATURES OF FUSELAGE, WING, LANDING GEAR, AIRPLANE AIR REFUELING DEVICES, MACHINE GUN AND CANNON ARMAMENT, AND OTHER STRUCTURAL DIFFERENCES MAY BE LISTED.)

DISTINGUISHERING FEATURES UNDER WING/FUSELAGE:

(DISTINGUISHERING FEATURES OF JOINTS FOR ATTACHING NON-NUCLEAR ARMAMENTS AND EXTERNAL LAUNCHERS (PYLONS) TO AIRPLANE MAY BE LISTED.)
DISTINGUISHING FEATURES OF WEAPONS BAY:
(DISTINGUISHING FEATURES OF LAUNCHER OF NON-NUCLEAR ARMAMENTS, INTERNAL WEAPONS BAYS, AND JOINTS FOR ATTACHING LAUNCHER TO AIRPLANE AND NON-NUCLEAR ARMAMENTS TO LAUNCHER MAY BE LISTED.)

(v) TRAINING HEAVY BOMBERS:

DIFFERENCES THAT MAKE TRAINING HEAVY BOMBERS DISTINGUISHABLE FROM HEAVY BOMBERS OF THIS TYPE EQUIPPED FOR NUCLEAR ARMAMENTS, TECHNICAL DATA AND DISTINGUISHING FEATURES FOR WHICH ARE LISTED IN SUBPARAGRAPH (i), (ii), OR (iv):

(1) DIFFERENCES BETWEEN BEAR T [6] TRAINING HEAVY BOMBER AND HEAVY BOMBERS OF THIS TYPE EQUIPPED FOR NUCLEAR ARMAMENTS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:
- BEAR H6 AND BEAR H16 HEAVY BOMBERS HAVE ONE TWIN-MOUNTED TAIL GUN.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:
- THERE ARE NO EXTERNAL ATTACHMENT JOINTS FOR ARMAMENTS OR EXTERNAL PYLON ATTACHMENT JOINTS FOR CARRYING ANY "AIR-TO-SURFACE" ARMAMENTS.
- BEAR H16 AND BEAR G HEAVY BOMBERS HAVE EXTERNAL JOINTS FOR ATTACHING PYLONS TO THE BOMBER AND JOINTS FOR ATTACHING ARMAMENTS ONTO THE PYLON.

DISTINGUISHING FEATURES OF WEAPONS BAY:
- THERE IS NO WEAPONS BAY. THE DOORS OF THE WEAPONS BAY HAVE BEEN SEALED SHUT, PRECLUDING PLACEMENT IN THE BAY OF ANY "AIR-TO-SURFACE" ARMAMENTS.
- BEAR H6, BEAR H16, BEAR B, BEAR G, AND BEAR A HEAVY BOMBERS HAVE ONE WEAPONS BAY.
(vi) FORMER HEAVY BOMBERS:

DIFFERENCES THAT MAKE FORMER HEAVY BOMBERS DISTINGUISHABLE FROM
HEAVY BOMBERS OF THIS TYPE EQUIPPED FOR NUCLEAR ARMAMENTS OR
NON-NUCLEAR ARMAMENTS, TECHNICAL DATA AND DISTINGUISHING FEATURES
FOR WHICH ARE LISTED IN SUBPARAGRAPH (i), (ii), (iv), OR (v):

NONE

(1) DIFFERENCES BETWEEN (BLANK) FORMER HEAVY BOMBER AND
(BLANK) HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OR
NON-NUCLEAR ARMAMENTS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

(EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES OF FUSELAGE,
WING, LANDING GEAR, AIRPLANE AIR REFUELING DEVICES, MACHINE GUN
AND CANNON ARMAMENT, AND OTHER STRUCTURAL ALTERATIONS MAY BE
LISTED.)

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

(DISTINGUISHING FEATURES CONFIRMING ABSENCE OR REMOVAL
(ELIMINATION) OF JOINTS FOR ATTACHING EXTERNAL LAUNCHERS
(PYLONS) TO AIRPLANE MAY BE LISTED.)

DISTINGUISHING FEATURES OF WEAPONS BAY:

(DISTINGUISHING FEATURES OF BAY CONFIRMING ABSENCE OR REMOVAL
(ELIMINATION) OF LAUNCHER FOR ARMAMENTS OR DISTINGUISHING
FEATURES CONFIRMING THAT DOOR CANNOT BE USED FOR INSTALLING
ARMAMENTS MAY BE LISTED.)

(2) RECOGNITION FEATURES OF BISON B FORMER HEAVY BOMBERS, FOR
WHICH TYPE OF AIRPLANE NO HEAVY BOMBERS EXIST:

FEATURES MAKING IT POSSIBLE TO IDENTIFY BISON B FORMER HEAVY
BOMBER:

EXTERNAL OBSERVABLE FEATURES:

- THE BISON B FORMER HEAVY BOMBER IS A MODIFICATION OF THE
BISON [7] HEAVY BOMBER AND HAS THE FOLLOWING DISTINCTIVE
EXTERNAL FEATURES: FOUR TURBOJET ENGINES LOCATED ON THE
WINGS -- TWO ENGINES ON EACH SIDE OF THE FUSELAGE; BICYCLE-TYPE
LANDING GEAR STRUTS (TWO PRIMARY LANDING GEAR STRUTS LOCATED
UNDER THE FUSELAGE, ALIGNED WITH THE AIRPLANE) AND TWO UNDERWING
LANDING GEAR STRUTS LOCATED ON THE WING TIPS.
FEATURES UNDER WING/FUSELAGE:

- There are no external attachment joints for armaments or external pylon attachment joints for carrying any "air-to-surface" armaments.

FEATURES OF WEAPONS BAY:

- The doors of the weapons bay have been sealed shut and cannot be opened, precluding placement in the bay of "air-to-surface" armaments. A propellant tank has been installed inside the weapons bay, and airplane air refueling equipment is housed there. There is a hatch for trailing the hose and cone for in-flight refueling of airplanes.

ANNEX G FOOTNOTES:

[1] Height of second pylon on wing (as counted from fuselage) is shown in parentheses.

[2] Maximum number of long-range nuclear ALCMs carried on second pylon on wing (as counted from fuselage) is shown in parentheses.


[4] There are no Bear A heavy bombers.

[5] There are no Bear B heavy bombers.

[6] There are no Bear T heavy bombers.

[7] There are no Bison type heavy bombers.
ANNEX H. LONG-RANGE NUCLEAR ALCM TECHNICAL DATA

A) RUSSIAN FEDERATION

(i) LONG-RANGE NUCLEAR ALCMS:

<table>
<thead>
<tr>
<th></th>
<th>AS-15A</th>
<th>AS-15B</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAXIMUM ASSEMBLED MISSILE LENGTH (M)</td>
<td>6.0</td>
<td>6.0</td>
</tr>
<tr>
<td>MAXIMUM MISSILE FUSELAGE CROSS SECTION MEASUREMENT (M)</td>
<td>0.51</td>
<td>0.77</td>
</tr>
<tr>
<td>FULLY EXTENDED WINGSPAN (M)</td>
<td>3.1</td>
<td>3.1</td>
</tr>
<tr>
<td>NUMBER OF JOINTS FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO LAUNCHER</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>DISTANCE BETWEEN JOINTS FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO LAUNCHER (M)</td>
<td>2.3</td>
<td>2.3</td>
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<tr>
<td>OTHER DISTINGUISHING FEATURES OF LONG-RANGE NUCLEAR ALCM</td>
<td>BLANK</td>
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</tbody>
</table>

ANNEX H FOOTNOTES: NONE
ANNEX I. OTHER DATA REQUIRED BY THE TREATY

1. FOR EACH PARTY, THE STATIC DISPLAYS IN EXISTENCE AT THE TIME OF SIGNATURE OF THE TREATY THAT ARE NOT SUBJECT TO THE LIMITATIONS PROVIDED FOR IN SUBPARAGRAPH 7(A) OF ARTICLE IV OF THE TREATY ARE AS FOLLOWS:

B) RUSSIAN FEDERATION

ICBM LAUNCHER STATIC DISPLAYS:
NONE

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>ICBM TYPE</th>
<th>NUMBER</th>
</tr>
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<tbody>
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ICBM STATIC DISPLAYS:

BALABANONO

<table>
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<tr>
<th>ICBM TYPE</th>
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</thead>
<tbody>
<tr>
<td>SS-13</td>
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<td>SS-25</td>
<td>1</td>
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<tr>
<td>SS-17</td>
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<tr>
<td>SS-19</td>
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</tr>
<tr>
<td>SS-18</td>
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<td>SS-24</td>
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ICBM LAUNCH CANISTER STATIC DISPLAYS:

BALABANONO

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<th>ICBM TYPE</th>
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</tr>
</thead>
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<tr>
<td>SS-17</td>
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<tr>
<td>SS-19</td>
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SLBM STATIC DISPLAYS:
NONE

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<th>NAME/LOCATION</th>
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<th>BLANK</th>
<th>BLANK</th>
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</thead>
</table>
HEAVY BOMBER AND FORMER HEAVY BOMBER STATIC DISPLAYS:

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>BOMBER TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONINO</td>
<td>BISON</td>
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</tr>
<tr>
<td></td>
<td>BEAR A</td>
<td>1</td>
</tr>
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<td>SYZRAN'</td>
<td>BISON A</td>
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<tr>
<td>RYAZAN'</td>
<td>BISON A</td>
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</tr>
<tr>
<td>ZHUKOVSKIY</td>
<td>BISON A</td>
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</tr>
<tr>
<td>UKRAINKA</td>
<td>BISON A</td>
<td>1</td>
</tr>
</tbody>
</table>

2. FOR EACH PARTY, THE HEAVY BOMBERS AND FORMER HEAVY BOMBERS CONVERTED FOR USE AS GROUND TRAINERS IN EXISTENCE AT THE TIME OF SIGNATURE OF THE TREATY THAT ARE NOT SUBJECT TO THE LIMITATIONS PROVIDED FOR IN SUBPARAGRAPH 7(B) OF ARTICLE IV OF THE TREATY ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>BOMBER TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONINO</td>
<td>BEAR H</td>
</tr>
</tbody>
</table>

3. FOR EACH PARTY, THE FACILITIES SUBJECT TO CONTINUOUS MONITORING ARE AS FOLLOWS:

VOTKINSK MACHINE BUILDING PLANT
VOTKINSK

4. FOR EACH PARTY, THE MONITORED FACILITIES ARE AS FOLLOWS:

NONE

NAME/LOCATION:

BLANK

5. FOR EACH PARTY, ALL PRODUCTION AND STORAGE LOCATIONS OF SOLID ROCKET MOTORS FOR THE FIRST STAGE OF AN ICBM FOR MOBILE LAUNCHERS OF ICBMS, SUBJECT TO THE LIMITATIONS CONTAINED IN PARAGRAPH 10 OF ARTICLE IV OF THE TREATY, ARE AS FOLLOWS:

BIYSK
KAMENSK-SHAKHTINSKIY
6. FOR EACH PARTY, THE TESTING LOCATIONS OF SOLID ROCKET MOTORS FOR THE FIRST STAGE (WITH OR WITHOUT NOZZLES ATTACHED) OF AN ICBM FOR MOBILE LAUNCHERS OF ICBMS, SUBJECT TO THE LIMITATIONS CONTAINED IN PARAGRAPH 10 OF ARTICLE IV OF THE TREATY, ARE AS FOLLOWS:

KRASNOARMEYSK
PERM'-1
PERM'-2
KEMEROVO

7. FOR EACH PARTY, THE LOCATIONS WHERE STATIC TESTING OCCURS FOR FIRST STAGES OF ICBMS OR SLBMS NOT SUBJECT TO THE LIMITATIONS CONTAINED IN SUBPARAGRAPH 1(A) OF ARTICLE IV OF THE TREATY, FOR MISSILES THAT ARE MAINTAINED, STORED, AND TRANSPORTED AS ASSEMBLED MISSILES IN LAUNCH CANISTERS OR WITHOUT LAUNCH CANISTERS PURSUANT TO SUBPARAGRAPHS 3(B) AND 3(C) OF ARTICLE III OF THE TREATY, AS APPLICABLE, ARE AS FOLLOWS:

NONE

NAME/LOCATION
BLANK

8. TO EACH PARTY, ICBMS, SLBMS, SUBMARINES, HEAVY BOMBERS, FORMER HEAVY BOMBERS, OTHER AIRPLANES, ALCMS, AND, WHERE APPLICABLE, VARIANTS REFERRED TO IN THE TREATY AND ITS ANNEXES, PROTOCOLS, AND MEMORANDUM ARE KNOWN AS FOLLOWS:

<table>
<thead>
<tr>
<th>IN THE U.S.</th>
<th>IN RUSSIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICBMS:</td>
<td></td>
</tr>
<tr>
<td>SS-11</td>
<td>RS-10</td>
</tr>
<tr>
<td>SS-13</td>
<td>RS-12</td>
</tr>
<tr>
<td>SS-25</td>
<td>RS-12M</td>
</tr>
<tr>
<td>SS-17</td>
<td>RS-16</td>
</tr>
<tr>
<td>SS-19</td>
<td>RS-18</td>
</tr>
<tr>
<td>SS-18</td>
<td>RS-20</td>
</tr>
<tr>
<td>SS-24</td>
<td>RS-22</td>
</tr>
<tr>
<td>MINUTEMAN II</td>
<td>MINUTEMAN II</td>
</tr>
<tr>
<td>MINUTEMAN III</td>
<td>MINUTEMAN III</td>
</tr>
<tr>
<td>PEACEKEEPER</td>
<td>MX</td>
</tr>
<tr>
<td>SICBM</td>
<td>MIDGETMAN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SLBMS:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-N-6</td>
<td>RSM-25</td>
</tr>
<tr>
<td>SS-N-8</td>
<td>RSM-40</td>
</tr>
<tr>
<td>SS-N-18</td>
<td>RSM-50</td>
</tr>
<tr>
<td>SS-N-20</td>
<td>RSM-52</td>
</tr>
<tr>
<td>SS-N-23</td>
<td>RSM-54</td>
</tr>
<tr>
<td>BLANK</td>
<td>RSM-56</td>
</tr>
<tr>
<td>TRIDENT I</td>
<td>TRIDENT-I</td>
</tr>
<tr>
<td>TRIDENT II</td>
<td>TRIDENT-II</td>
</tr>
<tr>
<td>POSEIDON</td>
<td>POSEIDON</td>
</tr>
</tbody>
</table>
### IN THE U.S. | IN RUSSIA
---|---
**SUBMARINES:**
- Delta I | Murena
- Delta II | Murena-M
- Delta III | Kal'Mar
- Delta IV | Del'Fin
- Yankee I | Navaga
- Yankee II | Navaga-M
- Typhoon | Typhoon
- Blank | Kasatka
- Benjamin Franklin | Benjamin Franklin
- James Madison | James Madison
- Lafayette | Lafayette
- Ohio | Ohio

**HEAVY BOMBERS:**
- Blackjack | Tu-160
- Bear | Tu-95
- Bear B | Tu-95K
- Bear G | Tu-95K22
- Bear A | Tu-95M
- Bear H | Tu-95MS
- Bear H16 | Tu-95MS16
- Bear H6 | Tu-95MS6
- Bear T | Tu-95U
- B-1 | B-1
- B-1A | B-1A
- B-1B | B-1B
- B-2 | B-2
- B-2A | B-2A
- B-52 | B-52
- B-52A | B-52A
- B-52B | B-52B
- B-52C | B-52C
- B-52D | B-52D
- B-52E | B-52E
- B-52F | B-52F
- B-52G | B-52G
- B-52H | B-52H

**IN THE U.S. | IN RUSSIA**
---|---
**FORMER HEAVY BOMBERS:**
- Bison | 3M
- Bison B | 3MS-2
- Bison A | M-4
**IN THE U.S.** | **IN RUSSIA**
---|---
**ALCMS:**
AS-15A | RKV-500A
AS-15B | RKV-500B
AGM-129 | AGM-129
AGM-86B | AGM-86B

**OTHER AIRPLANES:**
AN-124 | AN-124
IL-62 | IL-62
IL-76 | IL-76
IL-96 | IL-96
BEAR F | TU-142
BEAR D | TU-95RTs
BEAR J | TU-142
C-130 | C-130
C-141 | C-141
C-5 | C-5
C-9 | C-9
T-43 | T-43

9. FOR EACH PARTY, THE POINTS OF ENTRY FOR INSPECTION SITES AND FACILITIES SUBJECT TO CONTINUOUS MONITORING OR MONITORED FACILITIES ARE AS FOLLOWS:

B) RUSSIAN FEDERATION

(I) INSPECTION SITES AND FACILITIES SUBJECT TO CONTINUOUS MONITORING OR MONITORED FACILITIES ASSOCIATED WITH POINT OF ENTRY MOSCOW:

**ICBM BASES FOR SILO LAUNCHERS OF ICBMS:**

BERESHET' (FORMER)
VYPOLZOVO (FORMER)
DOMBAROVSKIY
YOSHKAR-OLA (FORMER)
KARTALY (FORMER)
KOZEL'SK
TATISHCHEVO

**ICBM BASES FOR ROAD-MOBILE LAUNCHERS OF ICBMS:**

VYPOLZOVO
YOSHKAR-OLA
NIZHNII TAGIL
TEYKOVO

**ICBM BASES FOR RAIL-MOBILE LAUNCHERS OF ICBMS:**

KOSTROMA

**ICBM LOADING FACILITIES:**

BERESHET'
STORAGE FACILITIES:

NENOKSA
OKOL'NAYA
PIBAN'SHUR
PIBAN'SHUR
REVDA
Surovatikha
Khizolitovyy
Pleetsk
Znamenka

TEST RANGES:

NENOKSA
PLESETSK
KAPUSTIN YAR
YUR'YA

TRAINING FACILITIES:

BALABANOVO
Goryachiy Klyuch (FORMER)
PERM' (FORMER)
ROSTOV
SERPUKHOV

CONVERSION OR ELIMINATION FACILITIES:

PIBAN'SHUR
ENGEL'S
BRYANSK
BERSHET'
VOTKINSK

PRODUCTION FACILITIES:

VOTKINSK MACHINE BUILDING PLANT
VOTKINSK

REPAIR FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:

BATAYSK (FORMER)

SUBMARINE BASES:

NERPICH'YA
OLEN'YA (FORMER)
OSTROVNOY (FORMER)
YAGEL'NAYA
SLBM LOADING FACILITIES:

OKOL'NAYA
SEVERODVINSK

SLBM REPAIR FACILITIES:

SEVERODVINSK

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

ENGEL'S
RYAZAN'

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:

NONE

NAME/LOCATION
BLANK

(II) INSPECTION SITES AND FACILITIES SUBJECT TO CONTINUOUS MONITORING OR MONITORED FACILITIES ASSOCIATED WITH POINT OF ENTRY ULAN-UDE:

ICBM BASES FOR SILO LAUNCHERS OF ICBMS:

ALEYSK (FORMER)
DROVYANAYA (FORMER)
KRASNOYARSK (FORMER)
UZHUR

ICBM BASES FOR ROAD-MOBILE LAUNCHERS OF ICBMS:

BARNaul
DROVYANAYA
IRKUTSK
KANSK
NOVOSIBIRSK

ICBM BASE FOR RAIL-MOBILE LAUNCHERS OF ICBMS:

KRASNOYARSK

CONVERSION OR ELIMINATION FACILITIES:

PASHINO

SUBMARINE BASES:

PAVLOVSKOYE
RYBACHIY

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

UKRAINKA
10. THE ROUTES FOR FLIGHTS OF INSPECTION AIRPLANES TO POINTS OF ENTRY ARE AS FOLLOWS:

A. FOR FLIGHTS OF INSPECTION AIRPLANES OF THE U.S.A. TO RUSSIA:

ROUTE TO POINT OF ENTRY

TO MOSCOW (DIRECT ROUTE):
IGORO, G3, FK, UM

TO ULAN-UDE (DIRECT ROUTE):
AVGOK, R211, TH, G73, UIAA, A45, RINOP, A809, BULEL

ROUTE FROM POINT OF ENTRY:

FROM MOSCOW (DIRECT ROUTE):
AR, BG, R805, TU, R11, OPOKA

FROM ULAN-UDE:
KUMAT, A809, RINOP, A45, UIAA, G73, TH, R211, LANEP, B358, IGROD

11. FOR EACH PARTY, FACILITIES SUBJECT TO SUSPECT SITE INSPECTIONS:

POINT OF ENTRY

ZLATOUST

MOSCOW

ANNEX I FOOTNOTES: NONE
SUBJECT: NOTIFICATION OF UPDATED DATA IN THE MEMORANDUM OF UNDERSTANDING, AFTER THE EXPIRATION OF EACH SIX-MONTH PERIOD

NOTE: FOR THE PURPOSES OF THIS MEMORANDUM, THE WORD "DASH" IS USED TO DENOTE THAT THE ENTRY IS NOT APPLICABLE IN SUCH CASE. THE WORD "BLANK" IS USED TO DENOTE THAT THIS DATA DOES NOT CURRENTLY EXIST, BUT WILL BE PROVIDED WHEN AVAILABLE.

I. NUMBERS OF WARHEADS AND THROW-WEIGHT VALUES ATTRIBUTED TO DEPLOYED ICBMS AND DEPLOYED SLBMS, AND NUMBERS OF WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS:

1. THE FOLLOWING ARE NUMBERS OF WARHEADS AND THROW-WEIGHT VALUES ATTRIBUTED TO DEPLOYED ICBMS AND DEPLOYED SLBMS OF EACH TYPE EXISTING AS OF THE DATE OF SIGNATURE OF THE TREATY OR SUBSEQUENTLY DEPLOYED. IN THIS CONNECTION, IN CASE OF A CHANGE IN THE INITIAL VALUE OF THROW-WEIGHT OR THE NUMBER OF WARHEADS, RESPECTIVELY, DATA SHALL BE INCLUDED IN THE "CHANGED VALUE" COLUMN:

<table>
<thead>
<tr>
<th>THROW-WEIGHT (KG)</th>
<th>NUMBER OF WARHEADS</th>
</tr>
</thead>
<tbody>
<tr>
<td>INITIAL VALUE</td>
<td>CHANGED VALUE</td>
</tr>
</tbody>
</table>

(I) INTERCONTINENTAL BALLISTIC MISSILES

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MINUTEMAN II (MM-II)</td>
<td>800</td>
</tr>
<tr>
<td>MINUTEMAN III (MM-III)</td>
<td>1150</td>
</tr>
<tr>
<td>PEACEKEEPER (PK)</td>
<td>3950</td>
</tr>
</tbody>
</table>

(II) SUBMARINE-LAUNCHED BALLISTIC MISSILES

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>POSEIDON</td>
<td>2000</td>
</tr>
<tr>
<td>TRIDENT I</td>
<td>1500</td>
</tr>
<tr>
<td>TRIDENT II</td>
<td>2800</td>
</tr>
</tbody>
</table>
2. THE FOLLOWING ARE NUMBERS OF WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS:

<table>
<thead>
<tr>
<th>HEAVY BOMBER TYPE AND VARIANT</th>
<th>NUMBER OF WARHEADS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OF A TYPE EQUIPPED FOR</strong></td>
<td></td>
</tr>
<tr>
<td><strong>LONG-RANGE NUCLEAR ALCMS</strong></td>
<td></td>
</tr>
<tr>
<td>UP TO A TOTAL OF 150</td>
<td></td>
</tr>
<tr>
<td>SUCH HEAVY BOMBERS</td>
<td></td>
</tr>
<tr>
<td>B-52G</td>
<td>10</td>
</tr>
<tr>
<td>B-52H</td>
<td>10</td>
</tr>
<tr>
<td>IN EXCESS OF 150</td>
<td></td>
</tr>
<tr>
<td>SUCH HEAVY BOMBERS</td>
<td></td>
</tr>
<tr>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td><strong>HEAVY BOMBER TYPE AND VARIANT</strong></td>
<td><strong>NUMBER OF WARHEADS</strong></td>
</tr>
<tr>
<td><strong>OF A TYPE EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS</strong></td>
<td></td>
</tr>
<tr>
<td>B-1</td>
<td>1</td>
</tr>
<tr>
<td>B-2</td>
<td>1</td>
</tr>
<tr>
<td>B-52G</td>
<td>1</td>
</tr>
</tbody>
</table>
II. AGGREGATE NUMBERS

For each party, the data on aggregate numbers of strategic offensive arms are as follows:

Deployed ICBMs and their associated launchers, deployed SLBMs and their associated launchers, and deployed heavy bombers 1188

Warheads attributed to deployed ICBMs, deployed SLBMs, and deployed heavy bombers 5916

Warheads attributed to deployed ICBMs and deployed SLBMs 4864

Throw-weight of deployed ICBMs and deployed SLBMs (MT) 1857.30

(i) ICBMs and ICBM Launchers

<table>
<thead>
<tr>
<th>ICBM Type</th>
<th>PK For Rail-Mobile Launcher</th>
<th>PK For Silo Launcher</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed ICBMs and their</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>associated launchers</td>
<td>Deployment status</td>
<td>deployment status</td>
<td>deployment status</td>
</tr>
<tr>
<td>Deployed Heavy ICBMs</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>and their associated</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>launchers</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>TO DEPLOYED ICBMS</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>TO DEPLOYED ICBMS ON MOBILE LAUNCHERS OF ICBMS</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>TO DEPLOYED HEAVY ICBMS</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>THROW-WEIGHT OF</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
<tr>
<td>DEPLOYED ICBMS (MT)</td>
<td>PK</td>
<td>PK</td>
<td>PK</td>
</tr>
</tbody>
</table>
(ii) SLBMS AND SLBM LAUNCHERS

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT I</th>
<th>TRIDENT II</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED SLBMS AND THEIR ASSOCIATED LAUNCHERS</td>
<td>0</td>
<td>96</td>
<td>336</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED SLBMS</td>
<td>0</td>
<td>576</td>
<td>2688</td>
</tr>
<tr>
<td>THROW-WEIGHT OF DEPLOYED SLBMS (MT)</td>
<td>0.00</td>
<td>144.00</td>
<td>940.80</td>
</tr>
</tbody>
</table>

(iii) HEAVY BOMBERS

<table>
<thead>
<tr>
<th>BOMBER TYPE</th>
<th>B-1</th>
<th>B-2</th>
<th>B-52</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED HEAVY BOMBERS</td>
<td>47</td>
<td>18</td>
<td>141</td>
<td>206</td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>0</td>
<td>0</td>
<td>94</td>
<td>94</td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS</td>
<td>47</td>
<td>18</td>
<td>47</td>
<td>112</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS</td>
<td>47</td>
<td>18</td>
<td>987</td>
<td>1052</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>0</td>
<td>0</td>
<td>940</td>
<td>940</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS</td>
<td>47</td>
<td>18</td>
<td>47</td>
<td>112</td>
</tr>
</tbody>
</table>
III. AGGREGATE NUMBERS OF DEPLOYED ICBMS OR SLBMS TO WHICH A REDUCED NUMBER OF WARHEADS IS ATTRIBUTED.

FOR EACH PARTY, THE DATA ON ICBM BASES OR SUBMARINE BASES AND ON AGGREGATE NUMBERS OF ICBMS OR SLBMS OF EXISTING TYPES TYPES DEPLOYED AT THOSE BASES, ON WHICH THE NUMBER OF WARHEADS ATTRIBUTED IS REDUCED PURSUANT TO PARAGRAPH 5 OF ARTICLE III OF THE TREATY, ARE AS FOLLOWS:

A) FOR UNITED STATES OF AMERICA:

<table>
<thead>
<tr>
<th>U.S.</th>
<th>MM III</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED ICBMS OR SLBMS ON WHICH THE NUMBER OF WARHEADS IS REDUCED</td>
<td>150</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO EACH DEPLOYED ICBM OR SLBM AFTER REDUCTION IN THE NUMBER OF WARHEADS ON IT</td>
<td>1</td>
</tr>
<tr>
<td>NUMBER OF WARHEADS BY WHICH THE ORIGINAL ATTRIBUTION FOR EACH ICBM OR SLBM WAS REDUCED</td>
<td>2</td>
</tr>
<tr>
<td>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED ICBMS OR SLBMS OF THAT TYPE</td>
<td>300</td>
</tr>
</tbody>
</table>

FIRST AND SECOND TYPE OF ICBM OR SLBM

| PK FOR SILO LAUNCHER TRIDENT I |
|---|---|
| DEPLOYED ICBMS OR SLBMS ON WHICH THE NUMBER OF WARHEADS IS REDUCED | 50 | 96 |
| WARHEADS ATTRIBUTED TO EACH DEPLOYED ICBM OR SLBM AFTER REDUCTION IN THE NUMBER OF WARHEADS ON IT | 8 | 6 |
| NUMBER OF WARHEADS BY WHICH THE ORIGINAL ATTRIBUTION FOR EACH ICBM OR SLBM WAS REDUCED | 2 | 2 |
**FIRST AND SECOND TYPE OF ICBM OR SLBM**

<table>
<thead>
<tr>
<th>PK FOR SILO LAUNCHER</th>
<th>TRIDENT I</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED ICBMS OR SLBMS OF THAT TYPE</td>
<td>100 192</td>
</tr>
<tr>
<td>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED ICBMS AND SLBMS, EXCLUDING THE MM-III ICBMS:</td>
<td>292</td>
</tr>
<tr>
<td>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED ICBMS AND SLBMS, INCLUDING THE MM-III ICBMS:</td>
<td>592</td>
</tr>
</tbody>
</table>

**ICBM BASES AT WHICH THE NUMBER OF WARHEADS ON DEPLOYED ICBM IS REDUCED**

**NAME/LOCATION:** F.E. WARREN MISSILE COMPLEX, WYOMING

<table>
<thead>
<tr>
<th>ICBM TYPE ON WHICH THE NUMBER OF WARHEADS IS REDUCED</th>
<th>MM-III</th>
<th>PK FOR SILO LAUNCHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED ICBMS ON WHICH THE NUMBER OF WARHEADS IS REDUCED</td>
<td>150</td>
<td>50</td>
</tr>
<tr>
<td>WARHEADS ATTRIBUTED TO EACH DEPLOYED ICBM AFTER REDUCTION IN THE NUMBER OF WARHEADS ON IT</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>NUMBER OF WARHEADS BY WHICH THE ORIGINAL ATTRIBUTION OF WARHEADS FOR EACH ICBM WAS REDUCED</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED ICBM OF THAT TYPE</td>
<td>300</td>
<td>100</td>
</tr>
</tbody>
</table>
SLBM BASES AT WHICH THE NUMBER OF WARHEADS ON DEPLOYED SLBM IS REDUCED

NAME/LOCATION: STRATEGIC WEAPONS FACILITY ATLANTIC
KINGS BAY, GEORGIA

<table>
<thead>
<tr>
<th>SLBM TYPE ON WHICH THE NUMBER OF WARHEADS IS REDUCED</th>
<th>DEPLOYED SLBMS ON WHICH THE NUMBER OF WARHEADS IS REDUCED</th>
<th>WARHEADS ATTRIBUTED TO EACH DEPLOYED SLBM AFTER REDUCTION IN THE NUMBER OF WARHEADS ON IT</th>
<th>NUMBER OF WARHEADS BY WHICH THE ORIGINAL ATTRIBUTION OF WARHEADS FOR EACH SLBM WAS REDUCED</th>
<th>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED SLBM OF THAT TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIDENT I</td>
<td>48</td>
<td>6</td>
<td>2</td>
<td>96</td>
</tr>
</tbody>
</table>

NAME/LOCATION: STRATEGIC WEAPONS FACILITY PACIFIC
SILVERDALE, WASHINGTON

<table>
<thead>
<tr>
<th>SLBM TYPE ON WHICH THE NUMBER OF WARHEADS IS REDUCED</th>
<th>DEPLOYED SLBMS ON WHICH THE NUMBER OF WARHEADS IS REDUCED</th>
<th>WARHEADS ATTRIBUTED TO EACH DEPLOYED SLBM AFTER REDUCTION IN THE NUMBER OF WARHEADS ON IT</th>
<th>NUMBER OF WARHEADS BY WHICH THE ORIGINAL ATTRIBUTION OF WARHEADS FOR EACH SLBM WAS REDUCED</th>
<th>AGGREGATE REDUCTION IN THE NUMBER OF WARHEADS ATTRIBUTED TO DEPLOYED SLBM OF THAT TYPE</th>
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<tr>
<td>TRIDENT I</td>
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<td>6</td>
<td>2</td>
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</tbody>
</table>
IV. ADDITIONAL AGGREGATE NUMBERS

FOR EACH PARTY, ADDITIONAL AGGREGATE NUMBERS RELATED TO THE LIMITATIONS PROVIDED FOR IN THE TREATY ARE AS FOLLOWS:

NON-DEPLOYED ICBMS FOR MOBILE LAUNCHERS OF ICBMS
(SEE FOOTNOTE NUMBER ONE) 74

NON-DEPLOYED ICBMS FOR RAIL-MOBILE LAUNCHERS OF ICBMS
(SEE FOOTNOTE NUMBER ONE) 74

ICBMS AND SLBMS AT TEST RANGES 3

NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS DASH

NON-DEPLOYED RAIL-MOBILE LAUNCHERS OF ICBMS DASH

TEST LAUNCHERS 10

MOBILE TEST LAUNCHERS DASH

FIXED TEST LAUNCHERS 10

TRAINING LAUNCHERS 7

NON-DEPLOYED MOBILE LAUNCHERS OF ICBMS AT TRAINING FACILITIES DASH

TRANSPORTER-LOADERS FOR ICBMS FOR ROAD-MOBILE LAUNCHERS OF ICBMS DASH

STORAGE FACILITIES FOR ICBMS OR SLBMS AND REPAIR FACILITIES FOR ICBMS OR SLBMS 5

SPACE LAUNCH FACILITIES 2

LAUNCHERS, AT SPACE LAUNCH FACILITIES, THAT HAVE CONTAINED OR LANCHED ICBMS OR SLBMS 8

ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES 0

FORMER HEAVY BOMBERS DASH

HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS 32
TRAINING HEAVY BOMBERS DASH

HEAVY BOMBERS AND FORMER
HEAVY BOMBERS CONVERTED FOR
USE AS GROUND TRAINERS 1

TEST HEAVY BOMBERS 9

STATIC DISPLAYS:

ICBM LAUNCHERS 4
ICBMS AND SLBMS 6
LAUNCH CANISTERS DASH

HEAVY BOMBERS AND FORMER HEAVY BOMBERS 14

FOOTNOTES:

[1] NON-DEPLOYED PEACEKEEPER ICBMS ARE REFLECTED IN THIS DATA ALTHOUGH PEACEKEEPER HAS NOT BEEN DEPLOYED IN A MOBILE MODE.
ANNEXES TO THE MEMORANDUM OF UNDERSTANDING

ANNEX A  ICBMS AND ICBM LAUNCHERS
ANNEX B  SLBMS AND SLBM LAUNCHERS
ANNEX C  HEAVY BOMBERS AND FORMER HEAVY BOMBERS
ANNEX D  SPACE LAUNCH FACILITIES
ANNEX E  ELIMINATED FACILITIES
ANNEX F  ICBM AND SLBM TECHNICAL DATA
ANNEX G  HEAVY BOMBER TECHNICAL DATA
ANNEX H  LONG-RANGE NUCLEAR ALCM TECHNICAL DATA
ANNEX I  OTHER DATA REQUIRED BY THE TREATY
ANNEX A. ICBMS AND ICBM LAUNCHERS

FOR EACH PARTY, THE NUMBERS OF DEPLOYED ICBMS AND THEIR ASSOCIATED LAUNCHERS, NON-DEPLOYED ICBMS, NON-DEPLOYED LAUNCHERS OF ICBMS, FIXED STRUCTURES FOR MOBILE LAUNCHERS OF ICBMS, AND SUPPORT EQUIPMENT, AS WELL AS DATA ON RELATED FACILITIES, ARE AS FOLLOWS:

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<th>MM-III</th>
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<tr>
<td>DEPLOYED LAUNCHERS OF ICBMS</td>
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<td>500</td>
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<td>DASH</td>
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<td>NON-DEPLOYED ICBMS AT TEST RANGES</td>
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<tr>
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<td>DASH</td>
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<tr>
<td>TEST LAUNCHERS</td>
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<tr>
<td>TRANSPORTER-LOADERS FOR ICBMS FOR ROAD-MOBILE LAUNCHERS OF ICBMS</td>
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<td>DASH</td>
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<tr>
<td>ICBM LAUNCHER STATIC DISPLAYS</td>
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<tr>
<td>ICBM STATIC DISPLAYS</td>
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<tr>
<td>LAUNCH CANISTER STATIC DISPLAYS</td>
<td>DASH</td>
<td>DASH</td>
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<tr>
<td>ICBM TYPE</td>
<td>PK FOR RAIL-MOBILE LAUNCHER</td>
<td>PK FOR SILO LAUNCHER</td>
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<td>--------------------------------------------------------------------------</td>
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<td>LAUNCH CANISTER STATIC DISPLAYS</td>
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### United States Department of State

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<th>Description</th>
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<td>Non-deployed ICBMS for mobile launchers of ICBMS (See Annex A footnote one)</td>
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<td>Transporter-loaders for ICBMS and road-mobile launchers of ICBMS</td>
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<tr>
<td>Launch canister static displays</td>
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<tr>
<td>Storage facilities, total number for ICBMS and repair facilities for ICBMS</td>
<td>2</td>
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</tbody>
</table>
ICBM BASE FOR SILO LAUNCHERS OF ICBMS:

NAME/LOCATION: ELLSWORTH MISSILE COMPLEX, SOUTH DAKOTA

ICBM TYPE

DEPLOYED ICBMS

DEPLOYED SILO LAUNCHERS OF ICBMS

MAINTENANCE FACILITY:

NAME/LOCATION: ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

ICBM TYPE

NON-DEPLOYED ICBMS

TRAINING MODELS OF MISSILES

ICBM EMLACEMENT EQUIPMENT
(SEE ANNEX A FOOTNOTE NUMBER THREE)

SILO TRAINING LAUNCHERS

ICBM BASE FOR SILO LAUNCHERS OF ICBMS:

NAME/LOCATION: F.E. WARREN MISSILE COMPLEX, WYOMING

ICBM TYPE

PK
MM-III FOR SILO LAUNCHER

DEPLOYED ICBMS

DEPLOYED SILO LAUNCHERS OF ICBMS
LAUNCHER GROUP: ALPHA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

A-1

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LAUNCHER GROUP: BRAVO

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

B-1

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LAUNCHER GROUP: CHARLIE

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

C-1

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LAUNCHER GROUP: DELTA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

D-1

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LAUNCHER GROUP: ECHO

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
E-1

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LAUNCHER GROUP: FOXTROT

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
F-1

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LAUNCHER GROUP: GOLF

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: HOTEL

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
H-1

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LAUNCHER GROUP: INDIA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: JULIET

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: KILO

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
K-1

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LAUNCHER GROUP: LIMA

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
L-1

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**LAUNCHER GROUP: MIKE**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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**LAUNCHER GROUP: NOVEMBER**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

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LAUNCHER GROUP: OSCAR

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: PAPA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

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**LAUNCHER GROUP: QUEBEC**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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**LAUNCHER GROUP: ROMEO**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: SIERRA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: TANGO

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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MAINTENANCE FACILITY:

NAME/LOCATION: F.E. WARREN AIR FORCE BASE, WYOMING

ICBM TYPE

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ICBM BASE FOR SILO LAUNCHERS OF ICBMS:

NAME/LOCATION: MALMSTROM MISSILE COMPLEX, MONTANA

ICBM TYPE

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LAUNCHER GROUP: ALPHA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: BRAVO

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

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LAUNCHER GROUP: CHARLIE

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

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LAUNCHER GROUP: DELTA

SILOS USED AS LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: ECHO

SILOS USED AS LAUNCH CONTROL CENTERS
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**LAUNCHER GROUP: FOXTROT**

**SILOS USED AS LAUNCH CONTROL CENTERS**

NONE

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**LAUNCHER GROUP: GOLF**

**SILOS USED AS LAUNCH CONTROL CENTERS**

NONE

**OTHER LAUNCH CONTROL CENTERS**

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**LAUNCHER GROUP: HOTEL**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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**LAUNCHER GROUP: INDIA**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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**LAUNCHER GROUP: JULIET**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

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**LAUNCHER GROUP: KILO**

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

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LAUNCHER GROUP: LIMA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: MIKE

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

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LAUNCHER GROUP: NOVEMBER

SILOS USED AS LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: OSCAR

SILOS USED AS LAUNCH CONTROL CENTERS

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OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: PAPA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: QUEBEC

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: ROMEO

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
R-0

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LAUNCHER GROUP: SIERRA

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: TANGO

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

T-0

SILO LAUNCHERS   ICBM 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 AIR FORCE BASE, MONTANA

ICBM TYPE

MM-III

NON-DEPLOYED ICBMS  0
TRAINING MODELS OF MISSILES  1
ICBM EMLACEMENT EQUIPMENT (SEE ANNEX A FOOTNOTE NUMBER THREE)  5
SILO TRAINING LAUNCHERS  1

MM-III
ICBM BASE FOR SILO LAUNCHERS OF ICBMS:

NAME/LOCATION: MINOT MISSILE COMPLEX, NORTH DAKOTA

ICBM TYPE

MM-III

DEPLOYED ICBMS 150
DEPLOYED SILO LAUNCHERS OF ICBMS 150

LAUNCHER GROUP: ALPHA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

A-1

SILO LAUNCHERS ICBM 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
LAUNCHER GROUP: BRAVO

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

B-1

SILO LAUNCHERS | ICBM TYPE
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B-7 | MM-III
B-8 | MM-III
B-9 | MM-III
B-10 | MM-III
B-11 | MM-III

LAUNCHER GROUP: CHARLIE

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

C-1

SILO LAUNCHERS | ICBM TYPE
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C-2 | MM-III
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C-11 | MM-III
LAUNCHER GROUP: DELTA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

D-1

SILO LAUNCHERS | ICBM TYPE
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D-11 | MM-III

LAUNCHER GROUP: ECHO

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

E-1

SILO LAUNCHERS | ICBM TYPE
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E-11 | MM-III
LAUNCHER GROUP: FOXTROT

SILOS USED AS LAUNCH CONTROL CENTERS
NONE

OTHER LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: GOLF

SILOS USED AS LAUNCH CONTROL CENTERS
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OTHER LAUNCH CONTROL CENTERS
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LAUNCHER GROUP: HOTEL

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: INDIA

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

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LAUNCHER GROUP: JULIET

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

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LAUNCHER GROUP: KILO

SILOS USED AS LAUNCH CONTROL CENTERS

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OTHER LAUNCH CONTROL CENTERS

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<tr>
<td>K-6</td>
<td>MM-III</td>
</tr>
<tr>
<td>K-7</td>
<td>MM-III</td>
</tr>
<tr>
<td>K-8</td>
<td>MM-III</td>
</tr>
<tr>
<td>K-9</td>
<td>MM-III</td>
</tr>
<tr>
<td>K-10</td>
<td>MM-III</td>
</tr>
<tr>
<td>K-11</td>
<td>MM-III</td>
</tr>
</tbody>
</table>
**LAUNCHER GROUP: LIMA**

**SILOS USED AS LAUNCH CONTROL CENTERS**

NONE

**OTHER LAUNCH CONTROL CENTERS**

L-1

<table>
<thead>
<tr>
<th>SILO LAUNCHERS</th>
<th>ICBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-2</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-3</td>
<td>MM-III</td>
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<tr>
<td>L-4</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-5</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-6</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-7</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-8</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-9</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-10</td>
<td>MM-III</td>
</tr>
<tr>
<td>L-11</td>
<td>MM-III</td>
</tr>
</tbody>
</table>

**LAUNCHER GROUP: MIKE**

**SILOS USED AS LAUNCH CONTROL CENTERS**

NONE

**OTHER LAUNCH CONTROL CENTERS**

M-1

<table>
<thead>
<tr>
<th>SILO LAUNCHERS</th>
<th>ICBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-2</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-3</td>
<td>MM-III</td>
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<tr>
<td>M-4</td>
<td>MM-III</td>
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<tr>
<td>M-5</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-6</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-7</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-8</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-9</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-10</td>
<td>MM-III</td>
</tr>
<tr>
<td>M-11</td>
<td>MM-III</td>
</tr>
</tbody>
</table>
LAUNCHER GROUP: NOVEMBER

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

N-1

<table>
<thead>
<tr>
<th>SILO LAUNCHERS</th>
<th>ICBM TYPE</th>
</tr>
</thead>
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<td>N-4</td>
<td>MM-III</td>
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<tr>
<td>N-5</td>
<td>MM-III</td>
</tr>
<tr>
<td>N-6</td>
<td>MM-III</td>
</tr>
<tr>
<td>N-7</td>
<td>MM-III</td>
</tr>
<tr>
<td>N-8</td>
<td>MM-III</td>
</tr>
<tr>
<td>N-9</td>
<td>MM-III</td>
</tr>
<tr>
<td>N-10</td>
<td>MM-III</td>
</tr>
<tr>
<td>N-11</td>
<td>MM-III</td>
</tr>
</tbody>
</table>

LAUNCHER GROUP: OSCAR

SILOS USED AS LAUNCH CONTROL CENTERS

NONE

OTHER LAUNCH CONTROL CENTERS

O-1

<table>
<thead>
<tr>
<th>SILO LAUNCHERS</th>
<th>ICBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-2</td>
<td>MM-III</td>
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<tr>
<td>O-3</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-4</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-5</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-6</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-7</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-8</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-9</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-10</td>
<td>MM-III</td>
</tr>
<tr>
<td>O-11</td>
<td>MM-III</td>
</tr>
</tbody>
</table>
MAINTENANCE FACILITY:

NAME/LOCATION: MINOT AIR FORCE BASE, NORTH DAKOTA

ICBM TYPE

MM-III

NON-DEPLOYED ICBMS 0

TRAINING MODELS OF MISSILES 1

ICBM EMPLACEMENT EQUIPMENT 6 (SEE ANNEX A FOOTNOTE NUMBER THREE)

SILO TRAINING LAUNCHERS 1

MM-III
ICBM BASE FOR ROAD-MOBILE LAUNCHERS OF ICBMS:
NONE

ICBM BASE FOR RAIL-MOBILE LAUNCHERS OF ICBMS:
NONE

ICBM LOADING FACILITIES:
NONE

PRODUCTION FACILITIES FOR ICBMS:

NAME/LOCATION: THIOKOL CORPORATION, PROMONTORY, UTAH

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>PK FOR RAIL-MOBILE LAUNCHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM-III</td>
<td></td>
</tr>
<tr>
<td>NON-DEPLOYED ICBMS (RETURNED)</td>
<td>4</td>
</tr>
</tbody>
</table>

PRODUCTION FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:
NONE

STORAGE FACILITIES FOR ICBMS:

NAME/LOCATION: CAMP NAVAJO, ARIZONA

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM-III</td>
</tr>
<tr>
<td>NON-DEPLOYED ICBMS</td>
</tr>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
</tr>
</tbody>
</table>

STORAGE FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:
NONE
REPAIR FACILITIES FOR ICBMS:

**NAME/LOCATION:** HILL AIR FORCE BASE, UTAH

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>MM-II</th>
<th>MM-III</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED ICBMS</td>
<td>0</td>
<td>55</td>
</tr>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>PK FOR RAIL-MOBILE LAUNCHER</th>
<th>PK FOR SILO LAUNCHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED ICBMS</td>
<td>63</td>
<td>DASH</td>
</tr>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>DASH</td>
<td>2</td>
</tr>
<tr>
<td>ENGINEERING MODELS OF SILOS (HILL AIR FORCE BASE ONLY)</td>
<td>NUMBER: 3</td>
<td></td>
</tr>
</tbody>
</table>

REPAIR FACILITIES FOR MOBILE LAUNCHERS OF ICBMS:

NONE

TEST RANGES:

**NAME/LOCATION:** VANDENBERG AIR FORCE BASE, CALIFORNIA

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>MM-II</th>
<th>MM-III</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED ICBMS</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**ICBM EMPLACEMENT EQUIPMENT** (SEE ANNEX A FOOTNOTE NUMBER THREE)

| TRANSPORTER-LOADERS | DASH | DASH |
| MOBILE TEST LAUNCHERS | DASH | DASH |
### ICBM Type

<table>
<thead>
<tr>
<th></th>
<th>PK FOR RAIL-MOBILE LAUNCHER</th>
<th>PK FOR SILO LAUNCHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED ICBMS</td>
<td>1</td>
<td>DASH</td>
</tr>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>DASH</td>
<td>1</td>
</tr>
<tr>
<td>ICBM EMPLACEMENT EQUIPMENT</td>
<td>DASH</td>
<td>0</td>
</tr>
<tr>
<td>TRANSPORTER-LOADERS</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>MOBILE TEST LAUNCHERS</td>
<td>DASH</td>
<td>DASH</td>
</tr>
</tbody>
</table>

**ICBM Type**

- **MM-II/ MM-III VERSION 2**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED ICBMS</td>
<td>DASH</td>
</tr>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>DASH</td>
</tr>
<tr>
<td>ICBM EMPLACEMENT EQUIPMENT</td>
<td>0</td>
</tr>
<tr>
<td>TRANSPORTER-LOADERS</td>
<td>DASH</td>
</tr>
<tr>
<td>MOBILE TEST LAUNCHERS</td>
<td>DASH</td>
</tr>
</tbody>
</table>

**Fixed Test Launchers**

<table>
<thead>
<tr>
<th>SILO LAUNCHERS:</th>
<th>ICBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF6</td>
<td>MM-II</td>
</tr>
<tr>
<td>LF7</td>
<td>MM-II</td>
</tr>
<tr>
<td>LF4</td>
<td>MM-III</td>
</tr>
<tr>
<td>LF8</td>
<td>MM-III</td>
</tr>
<tr>
<td>LF9</td>
<td>MM-III</td>
</tr>
<tr>
<td>LF10</td>
<td>MM-III</td>
</tr>
<tr>
<td>LF25</td>
<td>MM-III</td>
</tr>
<tr>
<td>LF26</td>
<td>MM-III</td>
</tr>
<tr>
<td>LF5</td>
<td>PK</td>
</tr>
</tbody>
</table>

**Soft-Site Launchers**

- SS-1

**Training Facilities:**

- NONE
STATIC DISPLAYS:

ICBM LAUNCHER STATIC DISPLAYS:

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>ICBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA</td>
<td>MM-II</td>
<td>1</td>
</tr>
<tr>
<td>MINUTEMAN NATIONAL HISTORIC SITE</td>
<td>MM-II</td>
<td>1</td>
</tr>
<tr>
<td>NORTH DAKOTA MINUTEMAN HISTORICAL SITE</td>
<td>MM-III</td>
<td>1</td>
</tr>
<tr>
<td>UNITED STATES AIR FORCE MUSEUM WRIGHT-PATTERSON AIR FORCE BASE, OHIO</td>
<td>PK</td>
<td>1</td>
</tr>
</tbody>
</table>

ICBM STATIC DISPLAYS:

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>ICBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA</td>
<td>MM-II</td>
<td>1</td>
</tr>
<tr>
<td>HILL AIR FORCE BASE, UTAH</td>
<td>PK</td>
<td>2</td>
</tr>
<tr>
<td>MINUTEMAN NATIONAL HISTORIC SITE</td>
<td>MM-II</td>
<td>1</td>
</tr>
<tr>
<td>PETERSON AIR FORCE BASE, COLORADO</td>
<td>MM-III</td>
<td>1</td>
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</table>

LAUNCH CANISTER STATIC DISPLAYS:

NONE

CONVERSION OR ELIMINATION FACILITIES:

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>ICBM TYPE</th>
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<tbody>
<tr>
<td>OASIS COMPLEX, UTAH</td>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MM-II</td>
<td>MM-III</td>
</tr>
</tbody>
</table>

NON-DEPLOYED ICBMS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>91</td>
</tr>
</tbody>
</table>

NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DASH</td>
<td>DASH</td>
</tr>
</tbody>
</table>

NON-DEPLOYED RAIL-MOBILE LAUNCHERS OF ICBMS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DASH</td>
<td>DASH</td>
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</tbody>
</table>

TRAINING MODELS OF MISSILES

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

TRANSPORTER-LOADERS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>ICBM TYPE</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>PK</td>
<td>FOR RAIL-MOBILE</td>
</tr>
<tr>
<td>LAUNCHER</td>
<td></td>
</tr>
</tbody>
</table>

NON-DEPLOYED ICBMS: 4

NON-DEPLOYED ROAD-MOBILE LAUNCHERS OF ICBMS: DASH

NON-DEPLOYED RAIL-MOBILE LAUNCHERS OF ICBMS: DASH

TRAINING MODELS OF MISSILES: 0

TRANSPORTER-LOADERS: DASH

ANNEX A FOOTNOTES:

[1] NON-DEPLOYED PEACEKEEPER ICBMS ARE REFLECTED IN THIS DATA ALTHOUGH PEACEKEEPER HAS NOT BEEN DEPLOYED IN A MOBILE MODE.

[2] INCLUDES ONE SOFT-SITE LAUNCHER.

[3] MINUTEMAN EMLACEMENT EQUIPMENT CAPABLE OF LOADING MM-II OR MM-III MISSILES.
ANNEX B. SLBMS AND SLBM LAUNCHERS

FOR EACH PARTY, THE NUMBERS OF DEPLOYED SLBMS AND THEIR ASSOCIATED LAUNCHERS, NON-DEPLOYED SLBMS, NON-DEPLOYED LAUNCHERS OF SLBMS, AS WELL AS DATA ON RELATED FACILITIES, ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>SLBM Type</th>
<th>Poseidon</th>
<th>Trident I</th>
<th>Trident II</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed SLBMs and their associated launchers</td>
<td>0</td>
<td>96</td>
<td>336</td>
<td>432</td>
</tr>
<tr>
<td>Deployed SLBMs</td>
<td>0</td>
<td>96</td>
<td>336</td>
<td>432</td>
</tr>
<tr>
<td>(see Annex B footnote numbers one and two)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deployed launchers of SLBMs</td>
<td>0</td>
<td>96</td>
<td>336</td>
<td>432</td>
</tr>
<tr>
<td>Test launchers</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>SLBM static displays</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Storage facilities for total number
SLBMS and repair
Facilities for SLBMS

3
SUBMARINE BASE:
NAME/LOCATION: STRATEGIC WEAPONS FACILITY ATLANTIC  
KINGS BAY, GEORGIA

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIDENT I</td>
</tr>
<tr>
<td>DEPLOYED SLBMS</td>
</tr>
<tr>
<td>(SEE ANNEX B FOOTNOTE NUMBER ONE)</td>
</tr>
<tr>
<td>DEPLOYED LAUNCHERS OF SLBMS</td>
</tr>
<tr>
<td>NON-DEPLOYED SLBMS</td>
</tr>
</tbody>
</table>

BALLISTIC MISSILE SUBMARINES BASED AT THIS SUBMARINE BASE:
NUMBER OF SUBMARINES/AGGREGATE NUMBER OF LAUNCHERS BY SLBM TYPE:

<table>
<thead>
<tr>
<th>SUBMARINE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIDENT I</td>
</tr>
<tr>
<td>OHIO</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>STORAGE CRANES</td>
</tr>
<tr>
<td>MISSILE TENDERS</td>
</tr>
</tbody>
</table>

SUBMARINE BASE:
NAME/LOCATION: STRATEGIC WEAPONS FACILITY PACIFIC  
SILVERDALE, WASHINGTON

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>POSEIDON</td>
</tr>
<tr>
<td>DEPLOYED SLBMS</td>
</tr>
<tr>
<td>(SEE ANNEX B FOOTNOTE NUMBER TWO)</td>
</tr>
<tr>
<td>DEPLOYED LAUNCHERS OF SLBMS</td>
</tr>
<tr>
<td>NON-DEPLOYED SLBMS</td>
</tr>
</tbody>
</table>
BALLISTIC MISSILE SUBMARINES BASED AT THIS SUBMARINE BASE:

NUMBER OF SUBMARINES/AGGREGATE NUMBER OF LAUNCHERS BY SLBM TYPE:

SUBMARINE TYPE:  POSEIDON  TRIDENT I  TRIDENT II

LAFAYETTE, JAMES MADISON, AND BENJAMIN FRANKLIN

OHIO

NUMBER

STORAGE CRANES  DASH
MISSILE TENDERS  DASH

SLBM LOADING FACILITIES:

NONE

PRODUCTION FACILITIES FOR SLBMS:

NAME/LOCATION:  ALLIANT TECHSYSTEMS INC., BACCHUS WORKS, MAGNA, UTAH

SLBM TYPE

TRIDENT I  TRIDENT II

NON-DEPLOYED SLBMS (RETURNED)  4  2

NAME/LOCATION:  COURTLAND MISSILE ASSEMBLY FACILITY, ALABAMA

SLBM TYPE

TRIDENT I

NON-DEPLOYED SLBMS (RETURNED)  4
PRODUCTION FACILITIES FOR BALLISTIC MISSILE SUBMARINES:

NAME/LOCATION: GENERAL DYNAMICS CORPORATION,
ELECTRIC BOAT DIVISION
GROTON, CONNECTICUT

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT I</th>
<th>TRIDENT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED SLBMS</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>DEPLOYED LAUNCHERS OF SLBMS</td>
<td>0</td>
<td>0</td>
</tr>
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</table>

STORAGE FACILITIES FOR SLBMS:

NAME/LOCATION: CAMP NAVAJO DEPOT, BELLEMONT, ARIZONA

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT I</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED SLBMS</td>
<td>149</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>STORAGE CRANES</td>
</tr>
<tr>
<td>MISSILE TENDERS</td>
</tr>
</tbody>
</table>

NAME/LOCATION: NAVAL AIR WARFARE CENTER
CHINA LAKE, CALIFORNIA

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT I</th>
<th>TRIDENT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED SLBMS</td>
<td>0</td>
<td>2</td>
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<table>
<thead>
<tr>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>STORAGE CRANES</td>
</tr>
<tr>
<td>MISSILE TENDERS</td>
</tr>
</tbody>
</table>
NAME/LOCATION: TEKOI TEST FACILITY
GOSHUTE INDIAN
RESERVATION, UTAH

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT I</th>
<th>TRIDENT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-DEPLOYED SLBMS</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

NUMBER

STORAGE CRANES  DASH
MISSILE TENDERS DASH

REPAIR FACILITIES FOR SLBMS:
NONE

TEST RANGES:
NONE

TRAINING FACILITIES:

NAME/LOCATION: TRIDENT TRAINING FACILITY
KINGS BAY, GEORGIA

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>0</td>
</tr>
</tbody>
</table>

NAME/LOCATION: TRIDENT TRAINING FACILITY BANGOR
SILVERDALE, WASHINGTON

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
<th>TRIDENT I</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAINING MODELS OF MISSILES</td>
<td>0</td>
</tr>
</tbody>
</table>
SLBM STATIC DISPLAYS

<table>
<thead>
<tr>
<th>NAME/LOCATION:</th>
<th>SLBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFFUTT AIR FORCE BASE, NEBRASKA</td>
<td>TRIDENT II</td>
<td>1</td>
</tr>
</tbody>
</table>

SLBM CONVERSION OR ELIMINATION FACILITIES:

NAME/LOCATION: OASIS COMPLEX, UTAH

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIDENT I</td>
</tr>
<tr>
<td>TRIDENT II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NON-DEPLOYED SLBMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

SLBM LAUNCHER CONVERSION OR ELIMINATION FACILITIES:

NAME/LOCATION: CHARLESTON NAVAL SHIPYARD, SOUTH CAROLINA

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIDENT I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEPLOYED LAUNCHERS OF SLBMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

NAME/LOCATION: PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON

<table>
<thead>
<tr>
<th>SLBM TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIDENT I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEPLOYED LAUNCHERS OF SLBMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

ANNEX B FOOTNOTES:

[1] FORTY-EIGHT (48) TRIDENT I SLBMS CONSIDERED DEPLOYED HERE ARE LOCATED AT OTHER FACILITIES AND REPORTED AS NON-DEPLOYED.

[2] FORTY-EIGHT (48) TRIDENT I SLBMS CONSIDERED DEPLOYED HERE ARE LOCATED AT OTHER FACILITIES AND REPORTED AS NON-DEPLOYED.
ANNEX C. HEAVY BOMBERS AND FORMER HEAVY BOMBERS

FOR EACH PARTY, THE NUMBER OF HEAVY BOMBERS AND FORMER HEAVY BOMBERS, AS WELL AS DATA ON RELATED FACILITIES, ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>Bomber Type</th>
<th>B-1</th>
<th>B-2</th>
<th>B-52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployed Heavy Bombers</td>
<td>47</td>
<td>18</td>
<td>141</td>
</tr>
<tr>
<td>Heavy Bombers equipped for Long-Range Nuclear ALCMs</td>
<td>0</td>
<td>0</td>
<td>94</td>
</tr>
<tr>
<td>Heavy Bombers equipped for Nuclear Armaments other than Long-Range Nuclear ALCMs</td>
<td>47</td>
<td>18</td>
<td>47</td>
</tr>
<tr>
<td>Heavy Bombers equipped for Non-Nuclear Armaments</td>
<td>32</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Test Heavy Bombers</td>
<td>4</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Training Heavy Bombers</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>Former Heavy Bombers</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>Heavy Bombers and Former Heavy Bombers converted for use as Ground Trainers</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Heavy Bomber and Former Heavy Bomber Static Displays</td>
<td>9</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>FORMER HEAVY BOMBER TYPE</td>
<td>TOTAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEPLOYED HEAVY BOMBERS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEST HEAVY BOMBERS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRAINING HEAVY BOMBERS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FORMER HEAVY BOMBERS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEAVY BOMBERS AND FORMER HEAVY BOMBERS CONVERTED FOR USE AS GROUND TRAINERS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEAVY BOMBER AND FORMER HEAVY BOMBER STATIC DISPLAYS</td>
<td>DASH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

NAME/LOCATION: BARKSDALE AIR FORCE BASE, LOUISIANA

<table>
<thead>
<tr>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
<th>B-52G</th>
<th>B-52H</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>0</td>
<td>59</td>
</tr>
<tr>
<td>HEAVY BOMBERS ATTRIBUTED WITH 10 LONG-RANGE NUCLEAR ALCMS</td>
<td>0</td>
<td>59</td>
</tr>
<tr>
<td>HEAVY BOMBERS IN EXCESS OF 150, ATTRIBUTED WITH THE NUMBER OF LONG-RANGE NUCLEAR ALCMS SPECIFIED FOR SUCH HEAVY BOMBERS IN SECTION I OF THIS MEMORANDUM</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FORMER HEAVY BOMBERS</td>
<td>DASH</td>
<td>DASH</td>
</tr>
</tbody>
</table>

NAME/LOCATION: MINOT AIR FORCE BASE, NORTH DAKOTA

<table>
<thead>
<tr>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
<th>B-52H</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>18</td>
</tr>
<tr>
<td>HEAVY BOMBERS ATTRIBUTED WITH 10 LONG-RANGE NUCLEAR ALCMS</td>
<td>18</td>
</tr>
<tr>
<td>HEAVY BOMBERS IN EXCESS OF 150, ATTRIBUTED WITH THE NUMBER OF LONG-RANGE NUCLEAR ALCMS SPECIFIED FOR SUCH HEAVY BOMBERS IN SECTION I OF THIS MEMORANDUM</td>
<td>0</td>
</tr>
<tr>
<td>FORMER HEAVY BOMBERS</td>
<td>DASH</td>
</tr>
</tbody>
</table>
AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:

NAME/LOCATION: DYESS AIR FORCE BASE, TEXAS

BOMBER TYPE AND VARIANT OF A TYPE
B-1

DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS
16

FORMER HEAVY BOMBERS
DASH

NAME/LOCATION: ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

BOMBER TYPE AND VARIANT OF A TYPE
B-1

DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS
12

FORMER HEAVY BOMBERS
DASH

NAME/LOCATION: WHITEMAN AIR FORCE BASE, MISSOURI

BOMBER TYPE AND VARIANT OF A TYPE
B-2

DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS
18

FORMER HEAVY BOMBERS
DASH

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS:

NONE

AIR BASE FOR FORMER HEAVY BOMBERS:

NONE
PRODUCTION FACILITIES FOR HEAVY BOMBERS AND FORMER HEAVY BOMBERS:

NAME/LOCATION: NORTHROP PLANT
PALMDALE, CALIFORNIA

BOMBER TYPE AND
VARIANT OF A TYPE

B-2

DEPLOYED HEAVY BOMBERS EQUIPPED
FOR LONG-RANGE NUCLEAR ALCMS 0

DEPLOYED HEAVY BOMBERS EQUIPPED
FOR NUCLEAR ARMAMENTS OTHER THAN
LONG-RANGE NUCLEAR ALCMS 0

HEAVY BOMBERS EQUIPPED FOR
NON-NUCLEAR ARMAMENTS 0

TEST HEAVY BOMBERS 0

TRAINING HEAVY BOMBERS DASH

FORMER HEAVY BOMBERS DASH

STORAGE FACILITIES FOR HEAVY BOMBERS AND FORMER HEAVY BOMBERS:

NONE

REPAIR FACILITIES FOR HEAVY BOMBERS AND FORMER HEAVY BOMBERS:

NAME/LOCATION: BOEING PLANT, WICHITA, KANSAS

TYPES OF HEAVY BOMBERS AND FORMER
HEAVY BOMBERS NORMALLY REPAIRED
AT THIS FACILITY: B-52H

NAME/LOCATION: ROCKWELL PLANT
PALMDALE, CALIFORNIA

TYPES OF HEAVY BOMBERS AND FORMER
HEAVY BOMBERS NORMALLY REPAIRED
AT THIS FACILITY: B-1

NAME/LOCATION: TINKER AIR FORCE BASE, OKLAHOMA

TYPES OF HEAVY BOMBERS AND FORMER
HEAVY BOMBERS NORMALLY REPAIRED
AT THIS FACILITY: B-1 B-52G B-52H
HEAVY BOMBER FLIGHT TEST CENTERS:

NAME/LOCATION: EDWARDS AIR FORCE BASE, CALIFORNIA

<table>
<thead>
<tr>
<th>BOMBER TYPE AND</th>
<th>B-1</th>
<th>B-2</th>
<th>B-52</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST HEAVY BOMBERS</td>
<td>4</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

TRAINING FACILITIES

NONE

HEAVY BOMBERS AND FORMER HEAVY BOMBERS CONVERTED FOR USE AS GROUND TRAINERS

NAME/LOCATION: SHEPPARD AIR FORCE BASE, TEXAS

<table>
<thead>
<tr>
<th>BOMBER TYPE AND</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-52H</td>
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</tbody>
</table>

HEAVY BOMBER AND FORMER HEAVY BOMBER STATIC DISPLAYS

<table>
<thead>
<tr>
<th>NAME/LOCATION:</th>
<th>BOMBER TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARKSDALE AIR FORCE BASE, LOUISANA</td>
<td>B-52G</td>
<td>1</td>
</tr>
<tr>
<td>DYESS AIR FORCE BASE, TEXAS</td>
<td>B-1</td>
<td>1</td>
</tr>
<tr>
<td>GRAND FORKS AIR FORCE BASE, NORTH DAKOTA</td>
<td>B-52G</td>
<td>1</td>
</tr>
<tr>
<td>HILL AIR FORCE BASE, UTAH</td>
<td>B-1</td>
<td>1</td>
</tr>
<tr>
<td>KOREAN WAR MEMORIAL MUSEUM SEOUL, KOREA</td>
<td>B-52D</td>
<td>1</td>
</tr>
<tr>
<td>LANGLEY AIR FORCE BASE, VIRGINIA</td>
<td>B-52G</td>
<td>1</td>
</tr>
<tr>
<td>LOWRY AIR FORCE BASE, COLORADO</td>
<td>B-1</td>
<td>1</td>
</tr>
</tbody>
</table>
NAME/LOCATION: MCCONNELL AIR FORCE BASE, KANSAS  B-1  1

NAME/LOCATION: MOUNTAIN HOME AIR FORCE BASE, IDAHO  B-1  1

NAME/LOCATION: MUSEUM OF FLIGHT ANNEX, EVERETT, WASHINGTON  B-52G  1

NAME/LOCATION: ROBINS AIR FORCE BASE, GEORGIA  B-1  1

NAME/LOCATION: SOUTH DAKOTA AIR AND SPACE MUSEUM
SOUTH DAKOTA
B-1  1

NAME/LOCATION: TINKER AIR FORCE BASE, OKLAHOMA - SITE 3  B-1  1

NAME/LOCATION: UNITED STATES AIR FORCE MUSEUM
WRIGHT-PATTERSON AIR FORCE BASE, OHIO
B-1  1

CONVERSION OR ELIMINATION FACILITIES FOR HEAVY BOMBERS
AND FORMER HEAVY BOMBERS:

NAME/LOCATION: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA

<table>
<thead>
<tr>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
<th>B-1</th>
<th>B-52G</th>
<th>B-52H</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPLOYED HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS</td>
<td>DASH</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>DEPLOYED HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS</td>
<td>19</td>
<td>47</td>
<td>DASH</td>
</tr>
<tr>
<td>HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS</td>
<td>32</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>TEST HEAVY BOMBERS</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>TRAINING HEAVY BOMBERS</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
<tr>
<td>FORMER HEAVY BOMBERS</td>
<td>DASH</td>
<td>DASH</td>
<td>DASH</td>
</tr>
</tbody>
</table>

ANNEX C FOOTNOTES: NONE
ANNEX D. SPACE LAUNCH FACILITIES

FOR EACH PARTY, THE NUMBERS OF ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES AND THE DATA ON SPACE LAUNCH FACILITIES ARE AS FOLLOWS:

TOTAL

ICBMS AND SLBMS AT SPACE LAUNCH FACILITIES 0

SPACE LAUNCH FACILITIES:

NAME/LOCATION: VANDENBERG SPACE LAUNCH COMPLEX, CALIFORNIA

ICBMS AND SLBMS AT SPACE LAUNCH FACILITY 0

LAUNCHERS THAT HAVE CONTAINED OR LAUNCHED ICBMS AND SLBMS 7

NAME/LOCATION: WALLOPS FLIGHT FACILITY, VIRGINIA

ICBMS AND SLBMS AT SPACE LAUNCH FACILITY 0

LAUNCHERS THAT HAVE CONTAINED OR LAUNCHED ICBMS AND SLBMS 1

ANNEX D FOOTNOTES: NONE
ANNEX E. ELIMINATED FACILITIES

1. FOR EACH PARTY, THOSE FACILITIES FORMERLY DECLARED IN THIS MEMORANDUM THAT, IN ACCORDANCE WITH PARAGRAPH 2 OF SECTION IX OF THE PROTOCOL ON CONVERSION OR ELIMINATION, ARE CONSIDERED ELIMINATED FOR THE PURPOSES OF THE TREATY AND WHOSE ELIMINATION HAS BEEN NOTIFIED IN ACCORDANCE WITH PARAGRAPH 3 OF SECTION I OF THE NOTIFICATION PROTOCOL ARE AS FOLLOWS:

FORMER FUNCTION OF THE FACILITY: ICBM BASE FOR SILO LAUNCHERS
NAME/LOCATION: WHITEMAN MISSILE COMPLEX, MISSOURI

FORMER FUNCTION OF THE FACILITY: ICBM BASE FOR SILO LAUNCHERS
NAME/LOCATION: GRAND FORKS MISSILE COMPLEX, NORTH DAKOTA

FORMER FUNCTION OF THE FACILITY: STORAGE FACILITY FOR SLBMS
NAME/LOCATION: STRATEGIC WEAPONS FACILITY ATLANTIC DETACHMENT, CHARLESTON, SOUTH CAROLINA

FORMER FUNCTION OF THE FACILITY: AIR BASE FOR NUCLEAR ARMS OTHER THAN LRNA
NAME/LOCATION: MCCONNELL AIR FORCE BASE, KANSAS

FORMER FUNCTION OF THE FACILITY: AIR BASE FOR NUCLEAR ARMS OTHER THAN LRNA
NAME/LOCATION: ROBINS AIR FORCE BASE, GEORGIA

FORMER FUNCTION OF THE FACILITY: AIR BASE FOR NUCLEAR ARMS OTHER THAN LRNA
NAME/LOCATION: MOUNTAIN HOME AIR FORCE BASE, IDAHO

2. FOR EACH PARTY, THE FACILITIES CURRENTLY OR FORMERLY DECLARED IN THE MEMORANDUM WHOSE PORTIONS HAVE BEEN EXCLUDED, IN ACCORDANCE WITH PARAGRAPH 19 OR 20 OF ANNEX J TO THIS MEMORANDUM, FOR THE PURPOSES OF THE TREATY FROM WITHIN THE BOUNDARIES SHOWN ON THE SITE DIAGRAMS OF SUCH FACILITIES, AND NOTIFICATION OF CHANGES IN THE BOUNDARIES OF WHICH HAVE BEEN PROVIDED IN ACCORDANCE WITH PARAGRAPH 19 OF SECTION I OF THE NOTIFICATION PROTOCOL, ARE AS FOLLOWS:

(A) UNITED STATES OF AMERICA:

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS: SUSPECT-SITE

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
AEROGENT-GENERAL CORPORATION, SACRAMENTO, CALIFORNIA


REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-3
FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS: STORAGE FACILITY FOR ICBMS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY: CAMP NAJAJO, ARIZONA


REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: N/A

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS: AIR BASE FOR NUCLEAR ARMS OTHER THAN LRNA

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY: ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA


REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: N/A

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS: ICBM BASE FOR SILO LAUNCHERS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY: ELLSWORTH MISSILE COMPLEX, SOUTH DAKOTA


REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY: JOINT STATEMENT NUMBER S-8

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS: ICBM BASE FOR SILO LAUNCHERS
NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
F.E. WARREN MISSILE COMPLEX, WYOMING

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
02-OCT-1997

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-11

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
ICBM BASE FOR SILO LAUNCHERS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
GRAND FORKS MISSILE COMPLEX, NORTH DAKOTA

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
02-OCT-1997

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-7

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
REPAIR FACILITY FOR ICBMS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
HILL AIR FORCE BASE, UTAH

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
02-OCT-1997

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-4

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
ICBM BASE FOR SILO LAUNCHERS
NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
MALMSTROM MISSILE COMPLEX, MONTANA

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
02-OCT-1997

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-5

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
AIR BASE FOR NUCLEAR ARMS OTHER THAN LRNA

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
MCCONNELL AIR FORCE BASE, KANSAS

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
16-SEP-1998

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
N/A

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
MAINTENANCE FACILITY FOR SILO ICBMS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
MINOT AIR FORCE BASE, NORTH DAKOTA AREA - 1

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
24-JUN-1999

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
N/A
FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
MAINTENANCE FACILITY FOR SILO ICBMS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
MINOT AIR FORCE BASE, NORTH DAKOTA AREA – 2

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
24-JUN-1999

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
N/A

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
ICBM BASE FOR SILO LAUNCHERS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
MINOT MISSILE COMPLEX, NORTH DAKOTA

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
24-JUN-1999

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
N/A

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
C OR E FACILITY FOR ICBMS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
OASIS COMPLEX, UTAH

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
02-OCT-1997
<table>
<thead>
<tr>
<th>Name of the Facility That Incorporated Excluded Portions and Subtitle, if Applicable</th>
<th>Location of the Facility</th>
<th>Date of Preparation of the Site Diagram of Excluded Portions of the Facility</th>
<th>Reference to Joint Compliance and Inspection Commission Document on the Exclusion of Portions of a Facility</th>
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</thead>
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<tr>
<td>ROBINS AIR FORCE BASE, GEORGIA</td>
<td></td>
<td>11-SEP-2000</td>
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<td>STRATEGIC WEAPONS FACILITY ATLANTIC DETACHMENT</td>
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<td>07-JAN-1998</td>
<td>JOINT STATEMENT S-14; JCIC-XVI</td>
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<td>STRATEGIC WEAPONS FACILITY PACIFIC, WASHINGTON</td>
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<td>07-JAN-1998</td>
<td>JOINT STATEMENT S-13; JCIC-XVI</td>
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</table>
FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
SUBMARINE BASE

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
STRATEGIC WEAPONS FACILITY PACIFIC, WASHINGTON

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
17-JUL-2000

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-17

FUNCTION OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS:
TEST RANGE FOR ICBMS

NAME OF THE FACILITY THAT INCORPORATED EXCLUDED PORTIONS AND SUBTITLE, IF APPLICABLE/LOCATION OF THE FACILITY:
VANDENBERG AIR FORCE BASE, CALIFORNIA

DATE OF PREPARATION OF THE SITE DIAGRAM OF EXCLUDED PORTIONS OF THE FACILITY:
02-OCT-1997

REFERENCE TO JOINT COMPLIANCE AND INSPECTION COMMISSION DOCUMENT ON THE EXCLUSION OF PORTIONS OF A FACILITY:
JOINT STATEMENT NUMBER S-12

ANNEX E FOOTNOTES:  NONE
ANNEX F. ICBM AND SLBM TECHNICAL DATA

IN ADDITION TO ICBM AND SLBM TECHNICAL DATA, THE PARTIES SHALL PROVIDE, AS A CATEGORY OF DATA FOR THIS ANNEX, THE FOLLOWING CLASSIFICATION OF EACH EXISTING TYPE OF ICBM AND SLBM:

CLASSIFICATION A: ASSEMBLED ICBMS IN LAUNCH CANISTERS
CLASSIFICATION B: ASSEMBLED ICBMS OR SLBMS WITHOUT LAUNCH CANISTERS
CLASSIFICATION C: ICBMS OR SLBMS MAINTAINED, STORED, AND TRANSPORTED IN STAGES

(I) INTERCONTINENTAL BALLISTIC MISSILES:

<table>
<thead>
<tr>
<th>MISSILE:</th>
<th>ICBM TYPE AND VARIANT OF A TYPE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MM-II</td>
</tr>
<tr>
<td></td>
<td>MM-III</td>
</tr>
<tr>
<td>CLASSIFICATION</td>
<td>C</td>
</tr>
<tr>
<td>NUMBER OF STAGES</td>
<td>3</td>
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<tr>
<td>LENGTH OF ASSEMBLED MISSILE WITHOUT FRONT SECTION (METERS)</td>
<td>14.9</td>
</tr>
<tr>
<td>MAXIMUM DIAMETER OF MISSILE AIRFRAME (WITHOUT STABILIZERS, RACEWAYS, LUG GUIDES, OR OTHER PROTRUDING ELEMENTS) (METERS)</td>
<td>1.68</td>
</tr>
<tr>
<td>LAUNCH WEIGHT (MT)</td>
<td>32.7</td>
</tr>
<tr>
<td>TOTAL LENGTH OF MISSILE AS A UNIT WITH LAUNCH CANISTER: WITH FRONT SECTION (METERS)</td>
<td>DASH</td>
</tr>
<tr>
<td>WITHOUT FRONT SECTION (METERS)</td>
<td>DASH</td>
</tr>
</tbody>
</table>
ICBM TYPE
AND VARIANT OF A TYPE

MM-II  MM-III

LENGTH OF LAUNCH CANISTER BODY (METERS)  DASH  DASH

DIAMETER OF LAUNCH CANISTER BODY (WITHOUT PROTRUDING ELEMENTS) (METERS)  DASH  DASH

MISSILE STAGES:

FIRST STAGE
LENGTH (METERS)  7.0  7.0
(SEE ANNEX F FOOTNOTE NUMBER ONE)
(SEE ANNEX F FOOTNOTE NUMBER SIX FOR MM-II AND MM-III)
(SEE ANNEX F FOOTNOTE NUMBER SEVEN FOR PK)
LENGTH USED FOR CONFIRMING A NEW TYPE (METERS)  X.X  X.X
DIAMETER (METERS)  1.68  1.68
TYPE OF PROPELLANT (LIQ/SOL)  SOL  SOL
WEIGHT OF FULLY LOADED STAGE (MT)  22.9  22.9

SECOND STAGE
DIAMETER (IF DIFFERENT FROM FIRST STAGE) (METERS)  1.39  1.39
TYPE OF PROPELLANT (LIQ/SOL)  SOL  SOL

THIRD STAGE
DIAMETER (IF DIFFERENT FROM FIRST STAGE) (METERS)  0.97  1.33
TYPE OF PROPELLANT (LIQ/SOL)  SOL  SOL
ICBM TYPE
AND VARIANT OF A TYPE
PK
FOR SILO
LAUNCHER
(SEE ANNEX F FOOTNOTE NUMBER TWO)

MISSILE:

CLASSIFICATION C
NUMBER OF STAGES 3
LENGTH OF ASSEMBLED MISSILE WITHOUT FRONT SECTION (METERS) 17.1
MAXIMUM DIAMETER OF MISSILE AIRFRAME (WITHOUT STABILIZERS, RACEWAYS, LUG GUIDES, OR OTHER PROTRUDING ELEMENTS) (METERS) 2.40
LAUNCH WEIGHT (MT) 88.0
TOTAL LENGTH OF MISSILE AS A UNIT WITH LAUNCH CANISTER:
WITH FRONT SECTION (METERS) DASH
WITHOUT FRONT SECTION (METERS) DASH

LENGTH OF LAUNCH CANISTER BODY (METERS) DASH
DIAMETER OF LAUNCH CANISTER BODY (WITHOUT PROTRUDING ELEMENTS) (METERS) DASH
ICBM TYPE
AND VARIANT OF A TYPE

PK
FOR SILO LAUNCHER
(SEE ANNEX F FOOTNOTE NUMBER TWO)

MISSILE STAGES:

FIRST STAGE
LENGTH (METERS) 8.4
(SEE ANNEX F FOOTNOTE NUMBER ONE)
(SEE ANNEX F FOOTNOTE NUMBER SIX FOR MM-II AND MM-III)
(SEE ANNEX F FOOTNOTE NUMBER SEVEN FOR PK)
LENGTH USED FOR CONFIRMING A NEW TYPE (METERS) 7.4
DIAMETER (METERS) 2.30
TYPE OF PROPELLANT (LIQ/SOL) SOL
WEIGHT OF FULLY LOADED STAGE (MT) 46.8

SECOND STAGE
DIAMETER (IF DIFFERENT FROM FIRST STAGE) (METERS) 2.40
TYPE OF PROPELLANT (LIQ/SOL) SOL

THIRD STAGE
DIAMETER (IF DIFFERENT FROM FIRST STAGE) (METERS) DASH
TYPE OF PROPELLANT (LIQ/SOL) SOL

ROAD-MOBILE LAUNCHERS OF ICBMS, AS WELL AS FIXED STRUCTURES FOR ROAD-MOBILE LAUNCHERS OF ICBMS AND SUPPORT EQUIPMENT FOR ROAD-MOBILE LAUNCHERS OF ICBMS
NONE
RAIL-MOBILE LAUNCHERS OF ICBMS, AS WELL AS TRAINS OF STANDARD CONFIGURATION AND FIXED STRUCTURES FOR RAIL-MOBILE LAUNCHERS OF ICBMS:

ICBM TYPE AND VERSION OF AN ITEM

PK
FOR RAIL-MOBILE LAUNCHER

RAIL-MOBILE LAUNCHERS OF ICBMS
(IN TRANSPORT POSITION, WITHOUT MISSILE)
(SEE ANNEX F FOOTNOTE NUMBER THREE)

<table>
<thead>
<tr>
<th>LENGTH (METERS)</th>
<th>HEIGHT (METERS)</th>
<th>WIDTH (METERS)</th>
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</thead>
<tbody>
<tr>
<td>26.5</td>
<td>4.8</td>
<td>2.9</td>
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</tbody>
</table>

TRAIN OF STANDARD CONFIGURATION:
NUMBER OF RAIL-MOBILE LAUNCHERS OF ICBMS/NUMBER OF LAUNCH-ASSOCIATED RAILCARS: DASH

FIXED STRUCTURE FOR RAIL-MOBILE LAUNCHERS OF ICBMS:
NONE

SUPPORT EQUIPMENT FOR SILO LAUNCHERS OF ICBMS:

ICBM EMPLACEMENT EQUIPMENT
(IN TRANSPORT POSITION, WITHOUT MISSILE):
(SEE ANNEX F FOOTNOTE NUMBER FOUR)

ICBM TYPE AND VERSION OF AN ITEM

<table>
<thead>
<tr>
<th>ICBM TYPE</th>
<th>MM-II/</th>
<th>MM-III</th>
<th>VERSION 2</th>
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<tbody>
<tr>
<td>PK</td>
<td></td>
<td></td>
<td></td>
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</table>
FOR SILO LAUNCHER

<table>
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<th>LENGTH (METERS)</th>
<th>HEIGHT (METERS)</th>
<th>WIDTH (METERS)</th>
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<tr>
<td>18.8</td>
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<tr>
<td>18.8</td>
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<tr>
<td>17.7</td>
<td>4.5</td>
<td>2.9</td>
</tr>
<tr>
<td>15.7</td>
<td>4.4</td>
<td>3.8</td>
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</table>
(II) SUBMARINE-LAUNCHED BALLISTIC MISSILES

SLBM TYPE
AND VARIANT OF A TYPE

<table>
<thead>
<tr>
<th>MISSILE:</th>
<th>POSEIDON</th>
<th>TRIDENT I</th>
<th>TRIDENT II</th>
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<tbody>
<tr>
<td>CLASSIFICATION</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>NUMBER OF STAGES</td>
<td>2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>LENGTH OF ASSEMBLED MISSILE WITHOUT FRONT SECTION (METERS)</td>
<td>8.1</td>
<td>10.3</td>
<td>13.4</td>
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<tr>
<td>MAXIMUM DIAMETER OF MISSILE AIRFRAME (WITHOUT STABILIZERS, RACEWAYS, LUG GUIDES, OR OTHER PROTRUDING ELEMENTS) (METERS)</td>
<td>1.88</td>
<td>1.88</td>
<td>2.10</td>
</tr>
<tr>
<td>LAUNCH WEIGHT (MT)</td>
<td>29.5</td>
<td>32.3</td>
<td>57.7</td>
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</table>

MISSILE STAGES:

FIRST STAGE
LENGTH (METERS) | 4.5 | 4.5 | 7.0
(SEE ANNEX F FOOTNOTE NUMBER FIVE)
(SEE ANNEX F FOOTNOTE NUMBER EIGHT FOR TRIDENT I)
(SEE ANNEX F FOOTNOTE NUMBER NINE FOR TRIDENT II)
LENGTH USED FOR CONFIRMING A NEW TYPE (METERS) | DASH | X.X | X.X
<table>
<thead>
<tr>
<th>SLBM TYPE AND VARIANT OF A TYPE</th>
<th>POSEIDON</th>
<th>TRIDENT I</th>
<th>TRIDENT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER (METERS)</td>
<td>1.88</td>
<td>1.88</td>
<td>2.10</td>
</tr>
<tr>
<td>TYPE OF PROPELLANT (LIQ/SOL)</td>
<td>SOL</td>
<td>SOL</td>
<td>SOL</td>
</tr>
<tr>
<td>WEIGHT OF FULLY LOADED STAGE (MT)</td>
<td>19.1</td>
<td>19.1</td>
<td>39.4</td>
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</tbody>
</table>

SECOND STAGE
- DIAMETER (IF DIFFERENT FROM FIRST STAGE) (METERS) DASH DASH DASH
- TYPE OF PROPELLANT (LIQ/SOL) SOL SOL SOL

THIRD STAGE
- DIAMETER (IF DIFFERENT FROM FIRST STAGE) (METERS) DASH 0.76 0.81
- TYPE OF PROPELLANT (LIQ/SOL) DASH SOL SOL

ANNEX F FOOTNOTES:

FOOTNOTE 1: DATA WILL BE PROVIDED WHEN A NEW TYPE OF ICBM IS DECLARED, FOR THE PURPOSE OF CONFIRMING A CHANGE IN THE STAGE LENGTH OF AN ICBM OF A NEW TYPE IN COMPARISON WITH THE STAGE LENGTH OF ICBMS OF EXISTING OR PREVIOUSLY DECLARED NEW TYPES.

FOOTNOTE 2: PEACEKEEPER HAS NOT BEEN DEPLOYED IN A MOBILE MODE.

FOOTNOTE 3: EXISTS AS A STATIC DISPLAY ONLY.

FOOTNOTE 4: EMLACEMENT EQUIPMENT DIMENSIONS ARE WITHOUT PRIME MOVER.

FOOTNOTE 5: DATA WILL BE PROVIDED WHEN A NEW TYPE OF SLBM IS DECLARED, FOR THE PURPOSE OF CONFIRMING A CHANGE IN THE STAGE LENGTH OF AN SLBM OF A NEW TYPE IN COMPARISON WITH THE STAGE LENGTH OF SLBMS OF EXISTING OR PREVIOUSLY DECLARED NEW TYPES.

FOOTNOTE 6: FIRST STAGE LENGTHS WITHOUT NOZZLES ARE 6.5 METERS FOR MINUTEMAN II AND MINUTEMAN III ICBMS.

FOOTNOTE 7: FIRST STAGE LENGTH WITHOUT NOZZLES IS 7.4 METERS FOR THE PEACEKEEPER ICBM.

FOOTNOTE 8: FIRST STAGE LENGTH WITHOUT NOZZLES IS 4.4 METERS FOR THE TRIDENT I SLBM.

FOOTNOTE 9: FIRST STAGE LENGTH WITHOUT NOZZLES IS 6.8 METERS FOR THE TRIDENT II SLBM.
ANNEX G. HEAVY BOMBER TECHNICAL DATA

DATE HEAVY BOMBER OF EACH TYPE
INITIALLY BASED AT AN AIR BASE TYPE DATE
B-1 21-FEB-2008
B-1 07-JUL-1985
B-2 17-DEC-1993
B-52G 01-NOV-1958
B-52H 08-MAY-1961

TYPES OF HEAVY BOMBERS FROM
WHICH LONG-RANGE NUCLEAR ALCMS
HAVE BEEN FLIGHT-TESTED
B-1
B-52

(I) HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

BOMBER TYPE AND
VARIANT OF A TYPE
B-52G B-52H

TYPE OF LONG-RANGE NUCLEAR ALCMS FOR
WHICH A HEAVY BOMBER IS EQUIPPED
AGM-86B AGM-129
AGM-86B

MAXIMUM NUMBER OF LONG-RANGE NUCLEAR
ALCMS FOR WHICH ANY HEAVY BOMBER OF
THIS TYPE AND VARIANT OF A TYPE IS
ACTUALLY EQUIPPED
12 20

MAXIMUM NUMBER OF LONG-RANGE
NUCLEAR ALCMS CARRIED ON
EXTERNAL ATTACHMENT JOINTS
12 12

MAXIMUM NUMBER OF LONG-RANGE
NUCLEAR ALCMS CARRIED IN
INTERNAL WEAPONS BAYS
0 8

LAUNCHERS OF LONG-RANGE NUCLEAR ALCMS:

EXTERNAL LAUNCHER:
PYLON
LENGTH (METERS) 12.5 12.5
HEIGHT (METERS) 1.52 1.52

MAXIMUM NUMBER ON HEAVY BOMBERS 2 2
<table>
<thead>
<tr>
<th>BOMBER TYPE AND VARIANT OF A TYPE</th>
<th>B-52G</th>
<th>B-52H</th>
</tr>
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<tbody>
<tr>
<td>MAXIMUM NUMBER OF LONG-RANGE NUCLEAR ALCMS CARRIED ON EACH PYLON</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>NUMBER OF ATTACHMENT JOINTS ON PYLON FOR ATTACHING IT TO HEAVY BOMBER</td>
<td>2</td>
<td>2</td>
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<tr>
<td>DISTANCE BETWEEN JOINTS FOR ATTACHING PYLON TO HEAVY BOMBER, MEASURED ON PYLON OR HEAVY BOMBER (METERS)</td>
<td>3.40</td>
<td>3.40</td>
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<tr>
<td>NUMBER OF ATTACHMENT JOINTS ON PYLON FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO IT</td>
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<td>2</td>
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<tr>
<td>DISTANCE BETWEEN JOINTS FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO PYLON, MEASURED ON PYLON (METERS)</td>
<td>0.76</td>
<td>0.76</td>
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<td>DISTINGUISHING FEATURES OF PYLON</td>
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<td>NONE</td>
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<td>LONG-RANGE NUCLEAR ALCM LAUNCHER LOCATED IN INTERNAL WEAPONS BAYS:</td>
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<tr>
<td>LENGTH (METERS)</td>
<td>DASH</td>
<td>6.8</td>
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<tr>
<td>DISTINGUISHING FEATURES OF LAUNCHER</td>
<td>DASH</td>
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<tr>
<td>MAXIMUM NUMBER ON HEAVY BOMBER</td>
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<tr>
<td>MAXIMUM NUMBER OF LONG-RANGE NUCLEAR ALCMS FOR WHICH LAUNCHER IS EQUIPPED</td>
<td>DASH</td>
<td>8</td>
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<tr>
<td>DIMENSIONS OF WEAPONS BAYS (METERS)</td>
<td></td>
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</tr>
<tr>
<td>FIRST BAY</td>
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<tr>
<td>LENGTH</td>
<td>8.50</td>
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<tr>
<td>WIDTH</td>
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<td>2.10</td>
</tr>
<tr>
<td>HEIGHT</td>
<td>2.10</td>
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</table>
DISTINGUISHING FEATURES BETWEEN VARIANTS OF A TYPE OF HEAVY BOMBER WITHIN THE CATEGORY OF HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

- B-52G IS EQUIPPED WITH TURBOJET ENGINES WITH A STRAIGHT COWLING PROFILE, AS COMPARED TO THE TURBOFAN-EQUIPPED B-52H, WHICH HAS A FORWARD ENGINE COWLING THAT IS CLEARLY LARGER.

- B-52G HAS NO HORIZONTALLY MOUNTED ANTENNAS ON THE SIDE OF THE AFT FUSELAGE, AS COMPARED TO THE B-52H.

- B-52G HAS WING STRAKELETS.

(II) HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:

DIFFERENCES THAT MAKE HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS DISTINGUISHABLE FROM HEAVY BOMBERS OF THIS TYPE EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS, TECHNICAL DATA FOR WHICH ARE LISTED IN SUBPARAGRAPH (I):

(1) DIFFERENCES BETWEEN B-52G HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS AND B-52G HEAVY BOMBER EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

- B-52G EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS DOES NOT HAVE WING STRAKELETS.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- THE UNDERWING PYLON ATTACHMENT JOINTS ON THE B-52G EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS WILL ACCOMMODATE ONLY ONE CONVENTIONAL STORES PYLON ON EACH WING. THE TYPE OF PYLON ATTACHMENT JOINT AND THE SPACE BETWEEN THE PYLON ATTACHMENT JOINTS (3.57 METERS) PRECLUDES ATTACHMENT OF THE PYLON FOR LONG-RANGE NUCLEAR ALCMS.

DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE WEAPONS BAY OF THE B-52G EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS HAS NOT BEEN CONVERTED TO ACCOMMODATE THE COMMON STRATEGIC ROTARY LAUNCHER USED WITH LONG-RANGE NUCLEAR ALCMS.

(2) DIFFERENCES BETWEEN B-52G HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS AND B-52H HEAVY BOMBER EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:
EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

- B-52G EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS HAS A TURBOJET ENGINE WITH A STRAIGHT COWLING PROFILE, AS COMPARED TO THE TURBOFAN-EQUIPPED B-52H, WHICH HAS A FORWARD ENGINE COWL THAT IS CLEARLY LARGER.

- B-52G HAS NO HORIZONTALLY MOUNTED ANTENNAS ON THE SIDE OF THE AFT FUSELAGE, AS COMPARED TO THE B-52H.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- THE UNDERWING PYLON ATTACHMENT JOINTS ON THE B-52G EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS WILL ACCOMMODATE ONLY ONE CONVENTIONAL STORES PYLON ON EACH WING. THE TYPE OF PYLON ATTACHMENT JOINT AND THE SPACE BETWEEN THE PYLON ATTACHMENT JOINTS (3.57 METERS) PRECLUDES ATTACHMENT OF THE PYLON FOR LONG-RANGE NUCLEAR ALCMS.

DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE WEAPONS BAY OF THE B-52G EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS HAS NOT BEEN CONVERTED TO ACCOMMODATE THE COMMON STRATEGIC ROTARY LAUNCHER USED WITH LONG-RANGE NUCLEAR ALCMS.

(3) DIFFERENCES BETWEEN B-1 HEAVY BOMBER EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS AND B-1 TEST HEAVY BOMBER EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

- B-1 EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS HAS NO LARGE VERTICAL BLADE ANTENNA ON TOP OF THE FUSELAGE NEAR THE MID-WING.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- FOR THE B-1 EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS, THERE ARE FIVE OR SEVEN EXTERNAL PYLON ATTACHMENT JOINTS ON EACH SIDE OF THE FUSELAGE (NEAR THE WEAPONS BAYS), WHICH ARE COVERED BY A PROCESS EQUIVALENT TO WELDING. THERE IS ONE ADDITIONAL ATTACHMENT JOINT ON EACH SIDE OF THE FUSELAGE, WHICH ALSO SERVES AS AN AIRCRAFT JACKING POINT AND WHICH WILL NOT BE COVERED BY A PROCESS EQUIVALENT TO WELDING.
DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE WEAPONS BAY BULKHEAD BETWEEN THE FORWARD AND INTERMEDIATE BAYS ON THE B-1 EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS HAS NOT BEEN MOVED AND REMAINS AS IT WAS PRODUCED. THE WEAPONS BAY DOORS ARE ALL OF EQUAL LENGTH, 4.56 METERS. THE WEAPONS BAY SIZE IS INSUFFICIENT TO LOAD A LONG-RANGE NUCLEAR ALCM. (B-1 TEST HEAVY BOMBER WEAPONS BAY AND ASSOCIATED DOORS ARE 6.81 METERS IN LENGTH TO ACCOMMODATE LONG-RANGE NUCLEAR ALCMS.)

(III) HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS, OF A TYPE FROM NONE OF WHICH A LONG-RANGE NUCLEAR ALCM HAS BEEN FLIGHT-TESTED:

RECOGNITION FEATURES OF B-2 HEAVY BOMBERS:

- THE B-2 PLANFORM IS OF A FLYING WING DESIGN.
- THE B-2 HAS NO RUDDER OR VERTICAL STABILIZER.
- THE B-2 IS EQUIPPED WITH TRICYCLE LANDING GEAR.

(IV) HEAVY BOMBERS EQUIPPED FOR NON-NUCLEAR ARMAMENTS:

(1) DIFFERENCES BETWEEN B-1 HEAVY BOMBER EQUIPPED FOR NON-NUCLEAR ARMAMENTS AND B-1 EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

- THE B-1 EQUIPPED FOR NON-NUCLEAR ARMAMENTS HAS A 20 CM RED DOT PAINTED ON THE FORWARD LANDING GEAR BETWEEN THE LANDING LIGHTS.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- THE B-1 EQUIPPED FOR NON-NUCLEAR ARMAMENTS HAS SEVEN EXTERNAL PYLON ATTACHMENT JOINTS ON EACH SIDE OF THE FUSELAGE (NEAR THE WEAPONS BAYS) THAT ARE COVERED BY REMOVABLE COVERS, WHICH ARE NOT ATTACHED USING A PROCESS EQUIVALENT TO WELDING. (THESE ATTACHMENT JOINTS HAVE BEEN MODIFIED TO BE INCOMPATIBLE WITH LRNA PYLONS.)

DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE TWO NUCLEAR ARMAMENT-UNIQUE CABLE CONNECTORS HAVE BEEN REMOVED AND THE RESULTING HOLES HAVE BEEN COVERED FOR EACH OF THE THREE WEAPONS BAYS IN THE B-1 EQUIPPED FOR NON-NUCLEAR ARMAMENTS.
(2) DIFFERENCES BETWEEN B-1 HEAVY BOMBER EQUIPPED FOR NON-NUCLEAR ARMAMENTS AND B-1 TEST HEAVY BOMBER EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:

EXTERNALLY OBSERVABLE DISTINGUISHING FEATURES:

- B-1 EQUIPPED FOR NON-NUCLEAR ARMAMENTS HAS NO LARGE VERTICAL BLADE ANTENNA ON TOP OF THE FUSELAGE NEAR THE MID-WING AND HAS A 20 CM RED DOT PAINTED ON THE FORWARD LANDING GEAR BETWEEN THE LANDING LIGHTS.

DISTINGUISHING FEATURES UNDER WING/FUSELAGE:

- THE B-1 EQUIPPED FOR NON-NUCLEAR ARMAMENTS HAS SEVEN EXTERNAL PYLON ATTACHMENT JOINTS ON EACH SIDE OF THE FUSELAGE (NEAR THE WEAPONS BAYS) THAT ARE COVERED BY REMOVABLE COVERS. (THESE ATTACHMENT JOINTS HAVE BEEN MODIFIED TO BE INCOMPATIBLE WITH LRNA PYLONS.)

DISTINGUISHING FEATURES OF WEAPONS BAY:

- THE TWO NUCLEAR ARMAMENT-UNIQUE CABLE CONNECTORS HAVE BEEN REMOVED AND THE RESULTING HOLES HAVE BEEN COVERED FOR EACH OF THE THREE WEAPONS BAYS IN THE B-1 EQUIPPED FOR NON-NUCLEAR ARMAMENTS.

(V) TRAINING HEAVY BOMBERS:

NONE

(VI) FORMER HEAVY BOMBERS:

NONE

ANNEX G FOOTNOTES:  NONE
ANNEX H. LONG-RANGE NUCLEAR ALCM TECHNICAL DATA

(I) LONG-RANGE NUCLEAR ALCMS:

<table>
<thead>
<tr>
<th>ALCM TYPE AND VARIANT OF A TYPE</th>
<th>AGM-129</th>
<th>AGM-86B</th>
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<tbody>
<tr>
<td>MAXIMUM ASSEMBLED MISSILE LENGTH (METERS)</td>
<td>6.4</td>
<td>6.4</td>
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<tr>
<td>MAXIMUM MISSILE FUSELAGE CROSS-SECTION MEASUREMENT (METERS)</td>
<td>0.74</td>
<td>0.64</td>
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<td>FULLY EXTENDED WINGSPAN (METERS)</td>
<td>3.1</td>
<td>3.6</td>
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<tr>
<td>NUMBER OF JOINTS FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO LAUNCHER</td>
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<td>2</td>
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<tr>
<td>DISTANCE BETWEEN JOINTS FOR ATTACHING LONG-RANGE NUCLEAR ALCM TO LAUNCHER (METERS)</td>
<td>0.76</td>
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<tr>
<td>OTHER DISTINGUISHING FEATURES OF LONG-RANGE NUCLEAR ALCM</td>
<td>NONE</td>
<td>NONE</td>
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</table>

ANNEX H FOOTNOTES: NONE
ANNEX I. OTHER DATA REQUIRED BY THE TREATY

1. FOR EACH PARTY, THE STATIC DISPLAYS IN EXISTENCE AT THE TIME OF SIGNATURE OF THE TREATY THAT ARE NOT SUBJECT TO THE LIMITATIONS PROVIDED FOR IN SUBPARAGRAPH 7(A) OF ARTICLE IV OF THE TREATY ARE AS FOLLOWS:

ICBM LAUNCHER STATIC DISPLAYS:

NONE

ICBM STATIC DISPLAYS:

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>ICBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR AND SPACE MUSEUM, WASHINGTON D.C.</td>
<td>MM-III</td>
<td>1</td>
</tr>
<tr>
<td>F.E. WARREN AIR FORCE BASE, WYOMING</td>
<td>MM-III</td>
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</tr>
<tr>
<td></td>
<td>PK</td>
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<tr>
<td>GRAND FORKS AIR FORCE BASE, NORTH DAKOTA</td>
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<tr>
<td>Malmstrom Air Force Base, Montana</td>
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<td></td>
<td>MM-III</td>
<td>1</td>
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<tr>
<td>MINOT AIR FORCE BASE, NORTH DAKOTA</td>
<td>MM-II</td>
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<td>PATRICK AIR FORCE BASE, FLORIDA</td>
<td>MM-II</td>
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<tr>
<td>PETERSON AIR FORCE BASE, COLORADO</td>
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<td></td>
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<tr>
<td>SOUTH DAKOTA AIR AND SPACE MUSEUM, SOUTH DAKOTA</td>
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ICBM STATIC DISPLAYS:

<table>
<thead>
<tr>
<th>NAME/LOCATION</th>
<th>ICBM TYPE</th>
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<tbody>
<tr>
<td>THIOKOL CORPORATION, PROMONTORY, UTAH</td>
<td>PK</td>
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<tr>
<td>UNITED STATES AIR FORCE ACADEMY, COLORADO SPRINGS</td>
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<tr>
<td>(SEE FOOTNOTE NUMBER ONE)</td>
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<tr>
<td>UNITED STATES AIR FORCE MUSEUM, WRIGHT-PATTERSON</td>
<td>MM-III</td>
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</tr>
<tr>
<td>AIR FORCE BASE, OHIO</td>
<td>PK</td>
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<tr>
<td>VANDENBERG AIR FORCE BASE, CALIFORNIA</td>
<td>MM-III</td>
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</tr>
<tr>
<td>WHITEMAN AIR FORCE BASE, MISSOURI</td>
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ICBM LAUNCHER CANISTER STATIC DISPLAYS:

NONE

SLBM STATIC DISPLAYS:

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<th>SLBM TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMITHSONIAN AIR AND SPACE MUSEUM ANNEX, CHANTILLY</td>
<td>POSEIDON</td>
<td>1</td>
</tr>
<tr>
<td>STRATEGIC WEAPONS FACILITY ATLANTIC, KINGS BAY,</td>
<td>POSEIDON</td>
<td>1</td>
</tr>
<tr>
<td>GEORGIA</td>
<td>TRIDENT I</td>
<td>1</td>
</tr>
<tr>
<td>STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE,</td>
<td>TRIDENT I</td>
<td>1</td>
</tr>
<tr>
<td>WASHINGTON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THIOKOL CORPORATION, PROMONTORY, UTAH</td>
<td>TRIDENT I</td>
<td>1</td>
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<tr>
<td>NAME/LOCATION</td>
<td>BOMBER</td>
<td>NUMBER</td>
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<tr>
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<tr>
<td>Andersen Air Force Base, Guam</td>
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<tr>
<td>Barksdale Air Force Base, Louisiana</td>
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<tr>
<td>Castle Air Force Base, California</td>
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</tr>
<tr>
<td>City of Palmdale California Heritage Airpark</td>
<td>B-52F</td>
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<tr>
<td>Davis-Monthan Air Force Base, Arizona</td>
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</tr>
<tr>
<td>Dyess Air Force Base, Texas</td>
<td>B-52D</td>
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<tr>
<td>Edwards Air Force Base, California</td>
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</tr>
<tr>
<td>Eglin Air Force Base, Florida</td>
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<tr>
<td>Ellsworth Air Force Base, South Dakota</td>
<td>B-52D</td>
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</tr>
<tr>
<td>Fairchild Air Force Base, Washington</td>
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</tr>
<tr>
<td>Griffis Air Force Base, New York</td>
<td>B-52G</td>
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<tr>
<td>Hill Air Force Base, Utah</td>
<td>B-52G</td>
<td>1</td>
</tr>
<tr>
<td>K.I. Sawyer Air Force Base, Michigan</td>
<td>B-52D</td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAME/LOCATION</td>
<td>Aircraft Type</td>
<td>Quantity</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>---------------</td>
<td>----------</td>
</tr>
<tr>
<td>KELLY AIR FORCE BASE, TEXAS</td>
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<tr>
<td>(SEE FOOTNOTE NUMBER THREE)</td>
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</tr>
<tr>
<td>KIRTLAND AIR FORCE BASE, NEW MEXICO</td>
<td>B-52B</td>
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</tbody>
</table>
HEAVY BOMBER AND FORMER BOMBER
HEAVY BOMBER STATIC DISPLAYS: TYPE NUMBER

NAME/LOCATION: LACKLAND AIR FORCE BASE, TEXAS B-52D 1

NAME/LOCATION: LOWRY AIR FORCE BASE, COLORADO B-52B 1

NAME/LOCATION: MARCH AIR FORCE BASE MUSEUM, CALIFORNIA B-52D 1

NAME/LOCATION: MAXWELL AIR FORCE BASE, ALABAMA B-52D 1

NAME/LOCATION: MCCONNELL AIR FORCE BASE, KANSAS B-52D 1

NAME/LOCATION: OFFUTT AIR FORCE BASE, NEBRASKA B-52G 1

NAME/LOCATION: OKLAHOMA CITY, OKLAHOMA B-52F 1

NAME/LOCATION: ORLANDO, FLORIDA B-52D 1

NAME/LOCATION: PIMA AIR MUSEUM B-52A 1
TUCSON, ARIZONA B-52D 1
B-52G 1

NAME/LOCATION: ROBINS AIR FORCE BASE, GEORGIA B-52D 1

NAME/LOCATION: SHEPPARD AIR FORCE BASE, TEXAS B-52D 1

NAME/LOCATION: STRATEGIC AIR COMMAND B-1 1
MUSEUM, NEBRASKA B-52B 1
<table>
<thead>
<tr>
<th>NAME/LOCATION:</th>
<th>BOMBER TYPE</th>
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<tbody>
<tr>
<td>Tinker Air Force Base, Oklahoma</td>
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<tr>
<td>Tinker Air Force Base, Oklahoma - CLSS</td>
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<tr>
<td>Travis Air Force Base, California</td>
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<tr>
<td>United States Air Force Academy</td>
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<td>1</td>
</tr>
<tr>
<td>Colorado Springs, Colorado</td>
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<tr>
<td>United States Air Force Museum</td>
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<td>Wright-Patterson Air Force Base, Ohio</td>
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<td>USS Alabama Memorial Park</td>
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<tr>
<td>Mobile, Alabama</td>
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<tr>
<td>Whiteman Air Force Base, Missouri</td>
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<tr>
<td>Yankee Air Museum Ypsilanti, Michigan</td>
<td>B-52D</td>
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</tr>
</tbody>
</table>

2. FOR EACH PARTY, THE HEAVY BOMBERS AND FORMER HEAVY BOMBERS CONVERTED FOR USE AS GROUND TRAINERS IN EXISTENCE AT THE TIME OF SIGNATURE OF THE TREATY THAT ARE NOT SUBJECT TO THE LIMITATIONS PROVIDED FOR IN SUBPARAGRAPH 7(B) OF ARTICLE IV OF THE TREATY ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>NAME/LOCATION:</th>
<th>BOMBER TYPE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rome Air Development Center, New York</td>
<td>B-1</td>
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</tr>
<tr>
<td>(See Footnote Number Four)</td>
<td>B-52G</td>
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</tr>
<tr>
<td>Sheppard Air Force Base, Texas</td>
<td>B-52G</td>
<td>2</td>
</tr>
</tbody>
</table>
3. FOR EACH PARTY, THE FACILITIES SUBJECT TO CONTINUOUS MONITORING ARE AS FOLLOWS:

NONE

4. FOR EACH PARTY, THE MONITORED FACILITIES ARE AS FOLLOWS:

NONE

5. FOR EACH PARTY, ALL PRODUCTION AND STORAGE LOCATIONS OF SOLID ROCKET MOTORS FOR THE FIRST STAGE OF AN ICBM FOR MOBILE LAUNCHERS OF ICBMS, SUBJECT TO THE LIMITATIONS CONTAINED IN PARAGRAPH 10 OF ARTICLE IV OF THE TREATY, ARE AS FOLLOWS:

NAME/LOCATION: THIOKOL SPACE OPERATIONS
PROMONTORY, UTAH

NAME/LOCATION: THIOKOL STRATEGIC OPERATIONS
PROMONTORY, UTAH

6. FOR EACH PARTY, THE TESTING LOCATIONS OF SOLID ROCKET MOTORS FOR THE FIRST STAGE (WITH OR WITHOUT NOZZLES ATTACHED) OF AN ICBM FOR MOBILE LAUNCHERS OF ICBMS, SUBJECT TO THE LIMITATIONS CONTAINED IN PARAGRAPH 10 OF ARTICLE IV OF THE TREATY, ARE AS FOLLOWS:

NAME/LOCATION: THIOKOL TEST AREA (SOLID ROCKET MOTOR TESTING)
PROMONTORY, UTAH

7. FOR EACH PARTY, THE LOCATIONS WHERE STATIC TESTING OCCURS FOR FIRST STAGES OF ICBMS OR SLBMS NOT SUBJECT TO THE LIMITATIONS CONTAINED IN SUBPARAGRAPH 1(A) OF ARTICLE IV OF THE TREATY, FOR MISSILES THAT ARE MAINTAINED, STORED, AND TRANSPORTED AS ASSEMBLED MISSILES IN LAUNCH CANISTERS OR WITHOUT LAUNCH CANISTERS PURSUANT TO SUBPARAGRAPHS 3(B) AND 3(C) OF ARTICLE III OF THE TREATY, AS APPLICABLE, ARE AS FOLLOWS:

NONE
8. TO EACH PARTY, ICBMS, SLBMS, SUBMARINES, HEAVY BOMBERS, FORMER HEAVY BOMBERS, OTHER AIRPLANES, ALCMS, AND, WHERE APPLICABLE, VARIANTS REFERRED TO IN THE TREATY AND ITS ANNEXES, PROTOCOLS, AND MEMORANDUM ARE KNOWN AS FOLLOWS:

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<tr>
<th></th>
<th>IN THE U.S.</th>
<th>IN THE SUCCESSOR STATES TO THE U.S.S.R.</th>
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<tr>
<td><strong>ICBMS:</strong></td>
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<tr>
<td>MINUTEMAN II (MM-II)</td>
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<tr>
<td>MINUTEMAN III (MM-III)</td>
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<tr>
<td>PEACEKEEPER (PK)</td>
<td>MX</td>
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</tr>
<tr>
<td>SS-11</td>
<td>RS-10</td>
<td></td>
</tr>
<tr>
<td>SS-13</td>
<td>RS-12</td>
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<td><strong>SUBMARINES:</strong></td>
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IN THE
U.S.
HEAVY BOMBERS:
B-52
B-52A
B-52B
B-52C
B-52D
B-52E
B-52F
B-52G
B-52H
B-1
B-1A
B-1B
B-2
BEAR
BEAR A
BEAR B
BEAR G
BEAR H
BEAR H6
BEAR H16
BEAR T
BLACKJACK
IN THE SUCCESSOR
U.S. STATES TO THE U.S.S.R.
B-52
B-52A
B-52B
B-52C
B-52D
B-52E
B-52F
B-52G
B-52H
B-1
B-1A
B-1B
B-2
BEAR
TU-95
BEAR A
TU-95M
BEAR B
TU-95K
BEAR G
TU-95K22
BEAR H
TU-95MS
BEAR H6
TU-95MS6
BEAR H16
TU-95MS16
BEAR T
TU-95U
BLACKJACK
TU-160

FORMER HEAVY BOMBERS: BISON
3M
BISON A
M-4
BISON B
3MS-2

ALCMS:
AGM-86B
AGM-129
AS-15 A
AS-15 B
AGM-86B
AGM-129
RKV-500A
RKV-500B

OTHER AIRPLANES:
C-5
C-9
C-17
C-130
C-141
KC-10
KC-135
T-43
AN-124
IL-62
IL-76
IL-96
BEAR D
BEAR F
BEAR J
C-5
C-9
C-17
C-130
C-141
KC-10
KC-135
T-43
AN-124
IL-62
IL-76
IL-96
TU-95RTS
TU-142
TU-142
9. For each party, the points of entry for inspection sites and facilities subject to continuous monitoring or monitored facilities are as follows:

(I) Inspection sites and facilities subject to continuous monitoring or monitored facilities associated with point of entry San Francisco, California (Travis Air Force Base):

ICBM base for silo launchers of ICBMs:

NAME/LOCATION: Ellsworth Missile Complex, South Dakota
NAME/LOCATION: F.E. Warren Missile Complex, Wyoming
NAME/LOCATION: Malmstrom Missile Complex, Montana
NAME/LOCATION: Minot Missile Complex, North Dakota

Storage facilities:

NAME/LOCATION: Camp Navao, Arizona
NAME/LOCATION: Camp Navao Depot, Bellemont, Arizona
NAME/LOCATION: Naval Air Warfare Center
CHINA LAKE, CALIFORNIA
NAME/LOCATION: Tekoi Test Facility
GOSHUTE INDIAN RESERVATION, UTAH
REPAIR FACILITIES:
NAME/LOCATION: HILL AIR FORCE BASE, UTAH

TEST RANGES:
NAME/LOCATION: VANDENBERG AIR FORCE BASE, CALIFORNIA

SUBMARINE BASE:
NAME/LOCATION: STRATEGIC WEAPONS FACILITY PACIFIC SILVERDALE, WASHINGTON

TRAINING FACILITIES:
NAME/LOCATION: TRIDENT TRAINING FACILITY BANGOR SILVERDALE, WASHINGTON

CONVERSION OR ELIMINATION FACILITIES:
NAME/LOCATION: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA
NAME/LOCATION: OASIS COMPLEX, UTAH
AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:
NAME/LOCATION: MINOT AIR FORCE BASE, NORTH DAKOTA
AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:
NAME/LOCATION: DYESS AIR FORCE BASE, TEXAS
NAME/LOCATION: ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

ICBM BASE FOR ROAD MOBILE LAUNCHERS OF ICBMS:
NONE

ICBM BASE FOR RAIL MOBILE LAUNCHERS OF ICBMS:
NONE

PRODUCTION FACILITIES FOR ICBMS:
NONE

SLBM LOADING FACILITIES:
NONE
AIR BASE FOR FORMER HEAVY BOMBERS:

NONE

(II) INSPECTION SITES AND FACILITIES SUBJECT TO CONTINUOUS MONITORING OR MONITORED FACILITIES ASSOCIATED WITH POINT OF ENTRY WASHINGTON, D.C. (DULLES INTERNATIONAL AIRPORT):

ICBM BASE FOR SILO LAUNCHERS OF ICBMS:
NAME/LOCATION: GRAND FORKS MISSILE COMPLEX, NORTH DAKOTA
NAME/LOCATION: WHITEMAN MISSILE COMPLEX, MISSOURI

STORAGE FACILITIES:
NAME/LOCATION: STRATEGIC WEAPONS FACILITY ATLANTIC DETACHMENT, CHARLESTON, SOUTH CAROLINA

REPAIR FACILITIES:
NONE

TEST RANGES:
NONE

SUBMARINE BASE:
NAME/LOCATION: STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

TRAINING FACILITIES:
NAME/LOCATION: TRIDENT TRAINING FACILITY KINGS BAY, GEORGIA

CONVERSION OR ELIMINATION FACILITIES:
NONE

AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR LONG-RANGE NUCLEAR ALCMS:
NAME/LOCATION: BARKSDALE AIR FORCE BASE, LOUISIANA
AIR BASE FOR HEAVY BOMBERS EQUIPPED FOR NUCLEAR ARMAMENTS OTHER THAN LONG-RANGE NUCLEAR ALCMS:

NAME/LOCATION:  WHITEMAN AIR FORCE BASE, MISSOURI

ICBM BASE FOR ROAD MOBILE LAUNCHERS OF ICBMS:

NONE

ICBM BASE FOR RAIL MOBILE LAUNCHERS OF ICBMS:

NONE

PRODUCTION FACILITIES FOR ICBMS:

NONE

SLBM LOADING FACILITIES:

NONE

AIR BASE FOR FORMER HEAVY BOMBERS:

NONE

10. FOR EACH PARTY, THE ROUTES FOR FLIGHTS OF INSPECTION AIRPLANES TO POINTS OF ENTRY ARE AS FOLLOWS:

B. FOR FLIGHTS OF INSPECTION AIRPLANES OF THE UNION OF SOVIET SOCIALIST REPUBLICS TO THE UNITED STATES OF AMERICA:

ROUTE TO POINT OF ENTRY ROUTE FROM POINT OF ENTRY

FROM RUSSIAN FEDERATION TO SAN FRANCISCO, CALIFORNIA (TRAVIS AIR FORCE BASE):

A) SAN FRANCISCO, CALIFORNIA (TRAVIS AIR FORCE BASE):
SYA, ADAK, 51W/170W, 50N/150W 48N/150W, 46N/140W,
GAVL, GENC, GTT, ENI, SEO, TZZ

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

ROUTE TO POINT OF ENTRY ROUTE FROM POINT OF ENTRY

FROM RUSSIAN FEDERATION TO WASHINGTON, D.C. (DULLES INTERNATIONAL AIRPORT):

CANADIAN ROUTING TO DAVES RADAR VECTORS EN0271R
J585 STOOL J150 HTO SWANN V268 BROSS OOD235R
SAX J6 LRP V143 ROBRT AML OOD J42 RBV J62 ACK
11. PORTS OF THE UNITED STATES OF AMERICA WHERE SPECIAL PURPOSE SUBMARINES ARE BASED ARE AS FOLLOWS:

NAME/LOCATION:
NAVAL BASE, PEARL HARBOR, HAWAII

NAME/LOCATION:
NAVAL OPERATIONS BASE, NORFOLK, VIRGINIA

12. FOR EACH PARTY, THE FACILITIES SUBJECT TO SUSPECT-SITE INSPECTION AND THE POINTS OF ENTRY FOR THESE FACILITIES ARE AS FOLLOWS:

(A) UNITED STATES OF AMERICA:

<table>
<thead>
<tr>
<th>POINT OF ENTRY</th>
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<tbody>
<tr>
<td>MAGNA</td>
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<tr>
<td>OGDEN</td>
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<tr>
<td>SACRAMENTO</td>
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<td>THIOKOL</td>
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SAN FRANCISCO, CALIFORNIA

SAN FRANCISCO, CALIFORNIA

SAN FRANCISCO, CALIFORNIA

SAN FRANCISCO, CALIFORNIA

ANNEX I FOOTNOTES:


