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# SOVIET MRBM LAUNCH AREAS IDENTIFIED ON KEYHOLE PHOTOGRAPHY THROUGH MISSION 9023



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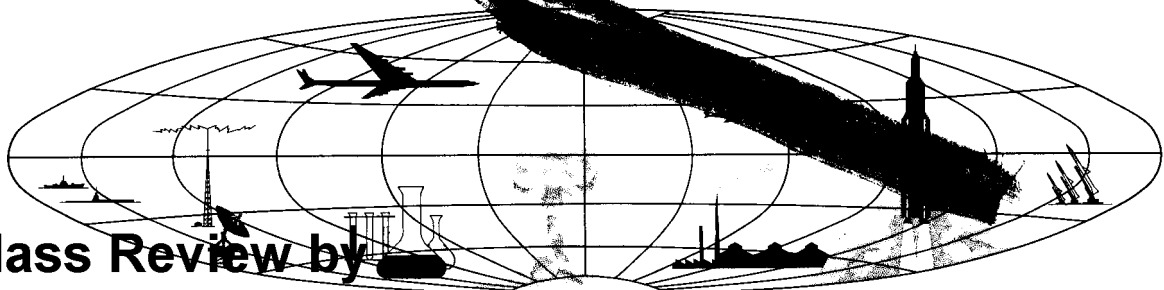
TALENT - KEYHOLE

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SOVIET MRBM LAUNCH AREAS IDENTIFIED ON KEYHOLE  
PHOTOGRAPHY THROUGH MISSION 9023

Interpretation of KEYHOLE Mission 9023 has resulted in the initial identification of 14 MRBM launch areas in the USSR (one of which was previously called an area of missile-related activity). In addition, better coverage on this mission has permitted upgrading to firm launch areas two areas previously identified as probable and possible launch areas, respectively. 1/, 2/

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The total number of MRBM launch areas in the USSR identified to date is now 48, with a total of 196 pads. These totals include 44 firm launch areas with 176 pads, 3 probable launch areas with 12 pads, and one possible launch area with 8 pads.

Of the 48 launch areas, 38 are deployed in pairs. Each of these pairs, together with any associated support facilities, is considered to comprise a launch complex. Partial cloud cover over the other ten launch areas makes it impossible to determine whether they are also deployed in pairs.

In accordance with guidance currently suggested by the Guided Missiles and Astronautics Intelligence Committee (GMAIC), these installations will be referred to as MRBM launch areas instead of IRBM/MRBM launch areas, and will bear either the name of the closest populated place appearing on the WAC or in some cases another name designated by GMAIC. Table 1, below, gives the name and location of all 48 areas identified to date.

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TABLE 1. DATA ON MRBM LAUNCH AREAS IN THE USSR.

| WAC | Installation                                                                                        |                      | Configuration | Mission |
|-----|-----------------------------------------------------------------------------------------------------|----------------------|---------------|---------|
|     | Area, Distance and Direction from Reference City                                                    | Coordinates*         |               |         |
| 152 | PAPLAKA MRBM LAUNCH COMPLEX<br>(formerly known as Liepaja area MRBM launch areas)                   |                      |               |         |
|     | Launch Area North, 6.5 NM WSW                                                                       | 56-24-40N 21-16-00E  | Inline        |         |
|     | Launch Area South, 7 NM WSW                                                                         | 56-22-50N 21-16-00E  | Inline        |         |
| 152 | SATEIKIAI MRBM LAUNCH COMPLEX<br>(formerly known as Klaipeda area MRBM launch areas)                |                      |               |         |
|     | Launch Area North, 2 NM N                                                                           | 56-02-00N 21-42-00E  | Irregular     |         |
|     | Launch Area South, 0.8 NM S                                                                         | 55-59-30N 21-39-10E  | Offset Inline |         |
| 153 | TORVA MRBM LAUNCH COMPLEX                                                                           |                      |               |         |
|     | Launch Area North, 5.3 NM ESE                                                                       | 57-59-20N 26-05-30E† | Offset Inline |         |
|     | Launch Area South, 6.0 NM SE                                                                        | 57-56-00N 26-04-30E† | Offset Inline |         |
| 153 | VORU MRBM LAUNCH COMPLEX                                                                            |                      |               |         |
|     | Launch Area North, 5.0 NM WSW                                                                       | 57-49-10N 26-50-30E† | Offset Inline |         |
|     | Launch Area South, 8.0 NM SW                                                                        | 57-45-40N 26-47-20E† | Offset Inline |         |
| 153 | ALUKSNE MRBM LAUNCH AREA                                                                            |                      |               |         |
|     | 6.7 NM W                                                                                            | 57-25-10N 26-50-00E† | Inline        |         |
| 168 | KRASNOZNAMENSK POSSIBLE MRBM LAUNCH AREA<br>(formerly known as Chernyakhovsk area MRBM launch area) |                      |               |         |
|     | 6.8 NM NW                                                                                           | 55-00-50N 22-21-30E  | Undetermined  |         |
| 168 | SOVETSK MRBM LAUNCH COMPLEX<br>(formerly known as Chernyakhovsk area MRBM launch areas)             |                      |               |         |
|     | Launch Area West, 14.5 NM WSW                                                                       | 54-58-30N 21-28-30E  | Inline        |         |
|     | Launch Area East, 10.8 NM SW                                                                        | 54-58-30N 21-36-30E  | Inline        |         |
| 168 | GVARDEYSK MRBM LAUNCH COMPLEX<br>(formerly known as Chernyakhovsk area MRBM launch areas)           |                      |               |         |
|     | Launch Area North, 6.3 NM NNE                                                                       | 54-45-05N 21-09-00E  | Offset Inline |         |
|     | Launch Area South, 2.3 NM NE                                                                        | 54-40-30N 21-08-00E  | Early Constr  |         |
| 168 | ZNAMENSK MRBM LAUNCH COMPLEX<br>(formerly known as Chernyakhovsk area MRBM launch areas)            |                      |               |         |
|     | Launch Area North, 2.9 NM WSW                                                                       | 54-35-40N 21-08-40E  | Inline        |         |
|     | Launch Area South, 3.3 NM SSW                                                                       | 54-32-50N 21-11-30E  | Inline        |         |
| 168 | GUSEV MRBM LAUNCH COMPLEX<br>(formerly known as Chernyakhovsk area MRBM launch areas)               |                      |               |         |
|     | Launch Area North, 9.0 NM NNW                                                                       | 54-43-30N 22-04-50E  | Inline        |         |
|     | Launch Area South, 7.1 NM NW                                                                        | 54-41-00N 22-04-50E  | Prob Inline   |         |
| 168 | SOLY MRBM LAUNCH AREA                                                                               |                      |               |         |
|     | 4.0 NM NE                                                                                           | 54-31-35N 26-17-20E  | Offset Inline |         |
| 168 | POLOTSK MRBM LAUNCH COMPLEX                                                                         |                      |               |         |
|     | Launch Area West, 8.0 NM SW                                                                         | 55-24-00N 28-34-30E† | Inline        |         |
|     | Launch Area East, 6.0 NM S                                                                          | 55-22-40N 28-44-30E† | Inline        |         |

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TABLE 1. (Continued)

| WAC | Installation                                                                                    |                      | Configuration        | Mission |
|-----|-------------------------------------------------------------------------------------------------|----------------------|----------------------|---------|
|     | Area, Distance and Direction from Reference City                                                | Coordinates*         |                      |         |
| 168 | PRUZHANY MRBM LAUNCH AREA<br>(formerly known as Brest area MRBM launch area)                    |                      |                      |         |
|     | 13 NM W                                                                                         | 52-33-00N 24-07-00E  | Inline               |         |
| 168 | SHISHCHITSY MRBM LAUNCH AREA                                                                    |                      |                      |         |
|     | 5.7 NM NE                                                                                       | 53-17-15N 27-40-40E  | Rectangular          |         |
| 167 | GOMEL' MRBM LAUNCH COMPLEX                                                                      |                      |                      |         |
|     | Launch Area North, 10 NM W                                                                      | 52-24-45N 30-39-45E  | Inline               |         |
|     | Launch Area South, 10 NM SW                                                                     | 52-18-45N 30-42-15E  | Inline               |         |
| 232 | MUKACHEVO MRBM LAUNCH COMPLEX                                                                   |                      |                      |         |
|     | Launch Area East, 8 NM SSW                                                                      | 48-19-30N 22-37-30E  | Rectangular          |         |
|     | Launch Area West, 12 NM SW                                                                      | 48-18-30N 22-30-30E  | Rectangular          |         |
| 232 | DROGOBYCH MRBM LAUNCH COMPLEX                                                                   |                      |                      |         |
|     | Launch Area East, 10 NM E                                                                       | 49-22-30N 23-45-00E  | Dumbbell             |         |
|     | Launch Area West, 4.5 NM NE                                                                     | 49-25-00N 23-34-30E  | Dumbbell             |         |
| 232 | DOLINA MRBM LAUNCH COMPLEX<br>(formerly known as Stanislav area MRBM launch areas)              |                      |                      |         |
|     | Probable Launch Area East,<br>9.9 NM NE                                                         | 49-06-00N 24-08-00E  | Modified<br>Dumbbell |         |
|     | Probable Launch Area West,<br>7.2 NM NNE                                                        | 49-04-00N 24-04-30E  | Modified<br>Dumbbell |         |
| 232 | NADVORNAYA MRBM LAUNCH COMPLEX<br>(formerly known as Stanislav area MRBM launch areas)          |                      |                      |         |
|     | Launch Area East, 9.6 NM NE                                                                     | 48-40-00N 24-48-30E  | Dumbbell             |         |
|     | Launch Area West, 6.2 NM E                                                                      | 48-38-45N 24-43-30E  | Dumbbell             |         |
| 233 | BORSHCHEV MRBM LAUNCH COMPLEX<br>(formerly known as Kamenets-Podol'skiy area MRBM launch areas) |                      |                      |         |
|     | Launch Area East, 4.6 NM NE                                                                     | 48-51-30N 26-08-30E  | Dumbbell             |         |
|     | Launch Area West, 5 NM N                                                                        | 48-53-00N 26-03-30E  | Dumbbell             |         |
| 233 | DUNAYEVTSY MRBM LAUNCH AREA<br>(formerly known as Kamenets-Podol'skiy area MRBM launch area)    |                      |                      |         |
|     | 6 NM SW                                                                                         | 48-51-10N 26-43-00E  | Inline               |         |
| 233 | OL'GOPOL' MRBM LAUNCH AREA<br>(formerly known as Uman' area MRBM launch area)                   |                      |                      |         |
|     | 10 NM SSE                                                                                       | 48-02-30N 29-33-30E  | Inline               |         |
| 233 | GRANOV MRBM LAUNCH AREA<br>(formerly known as Uman' area missile-related activity)              |                      |                      |         |
|     | 5 NM NNW                                                                                        | 48-56-20N 29-30-15E† | Inline               |         |
| 233 | DOBROVODY MRBM LAUNCH COMPLEX<br>(formerly known as Uman' area MRBM launch areas)               |                      |                      |         |
|     | Launch Area North, 11 NM NNE                                                                    | 48-57-45N 30-24-00E  | Rectangular          |         |
|     | Launch Area South, 7.5 NM NE                                                                    | 48-53-40N 30-27-45E  | Dumbbell             |         |

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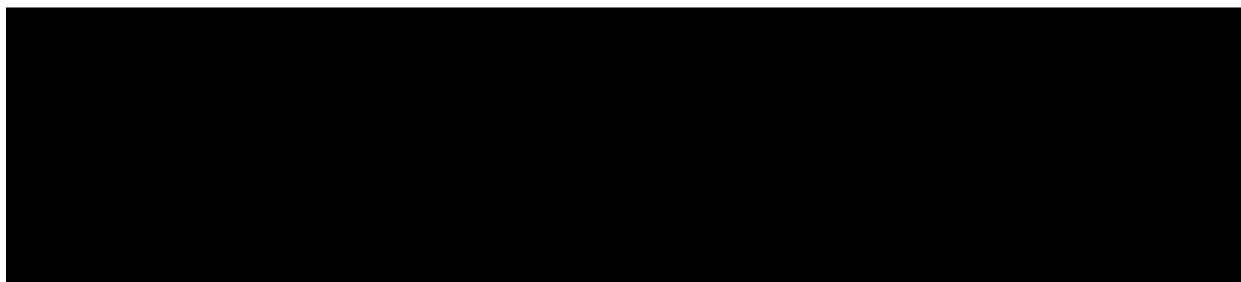
TABLE 1. (Continued)

| WAC | Installation                                                                                                                                          |                                            | Configuration              | Mission |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------|---------|
|     | Area, Distance and Direction from Reference City                                                                                                      | Coordinates*                               |                            |         |
| 233 | GODYKHA MRBM LAUNCH AREA<br>2 NM SE                                                                                                                   | 50-10-15N 28-16-00E                        | Inline                     |         |
| 233 | KOROSTEN' MRBM LAUNCH AREA<br>(formerly known as Ovruch area MRBM launch area)<br>13.8 NM SW                                                          | 50-52-10N 28-18-30E                        | Inline                     |         |
| 233 | BELOKOVOVICHI MRBM LAUNCH COMPLEX<br>(formerly known as Ovruch area MRBM launch areas)<br>Launch Area North, 2.7 NM N<br>Launch Area South, 2.4 NM NW | 51-10-00N 28-03-00E<br>51-08-50N 28-00-30E | Rectangular<br>Rectangular |         |
| 233 | USOVO MRBM LAUNCH COMPLEX<br>(formerly known as Ovruch area MRBM launch areas)<br>Launch Area East, 5.5 NM SE<br>Launch Area West, 2 NM SE            | 51-16-50N 28-15-00E<br>51-19-00N 28-11-00E | Rectangular<br>Rectangular |         |
| 233 | YEL'SK MRBM LAUNCH COMPLEX<br>(formerly known as Ovruch area MRBM launch areas)<br>Launch Area North, 4.5 NM SSE<br>Launch Area South, 6.2 NM SSE     | 51-43-55N 29-12-30E<br>51-42-00N 29-12-50E | Rectangular<br>Rectangular |         |

\* All plotted on appropriate AMS series (scale 1:250,000) except those marked †, which are plotted on appropriate SAC 200 series (scale 1:200,000).

\*\* Best Coverage

REFERENCES



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DOCUMENTS

1. NPIC. R-3/61, IRBM/MRBM Launch Areas in the European USSR, Jul 61 (TSR)
2. NPIC. R-5/61, IRBM/MRBM Launch Areas in the European USSR Identified on Sep 61 (TSR)

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REQUIREMENT

CIA. DDI/RR/E/R-49/61 (Partial answer)

Approved For Release 2001/11/07 : CIA-RDP78T04751A000200010030-0

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