

**TOP SECRET**

PHOTOGRAPHIC INTERPRETATION REPORT



PROBABLE LONG RANGE  
SAM LAUNCH COMPLEX  
TOMSK, USSR

TCS-80377/67

JULY 1967

COPY 116

6 PAGES

Declass Review by NIMA / DoD

handle via **TALENT-KEYHOLE** control only

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

**TOP SECRET**

**WARNING**

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

### PROBABLE LONG RANGE SAM

### LAUNCH COMPLEX, TOMSK, USSR

Tomsk Probable Long Range SAM (PLRS) Launch Complex is located at 56-35N 084-32E, approximately 16 nautical miles (nm) west-northwest of the city of Tomsk (Figure 1). This location is approximately 238 nm west and 800 nm east of the closest PLRS complexes presently identified: Krasnoyarsk and Sverdlovsk, respectively. 1/ Oriented on an azimuth of approximately [redacted] the complex lies at an elevation of approximately 400 feet.

25X1D

Not present on KEYHOLE photography of early [redacted] the Tomsk Complex was first imaged on photography [redacted] and was first identified as a PLRS complex on photography [redacted]

25X1D

25X1D

25X1D

A description follows of the existing components of the complex, as seen on photography [redacted] with annotated photographs and associated graphics. All measurements provided in this report are approximate, because of the poor interpretability of the photography.

The Tomsk PLRS Launch Complex presently consists of 3 launch sites (A, B, and C), a tracking/guidance facility, and a probable support area. Located north of the complex, a missile-handling facility is also present and consists of at least 4 buildings. An air warning radar facility has not yet been identified (Figure 2).

At least 7 buildings comprise an additional support area located at the southwest edge of the complex, outside the secured area (Figures 2 and 5). This area was present on negation photography but is now connected by road with the complex and appears to be associated with its construction. Additional support buildings are present within the secured area of the complex.

Configuration of this three-site complex is unique in that the interior launch site (Launch Site B) is located closest to the tracking/guidance facility (Figure 2). This configuration, resembling that of Sites B, C, and D at the Cherepovets PLRS Launch Complex (59-06N 038-10E), suggests that a five-site complex may have been originally planned.

#### Launch Area

Launch Site A (Figure 3) is in an early stage of construction and consists of 6 launch positions and a control revetment. Tree clearance for access and service roads has been completed and preliminary grading is underway for the control revetment.

Launch Site B consists of 6 launch positions (B1 through B6) and a control revetment. Construction of this site is in a more advanced stage than at Sites A or C, although recent construction activity has been confined to only 3 of the launch positions (B1, B2, and B3). Beds for missile dolly tracks, averaging approximately 145 feet long, and loop roads are discernible at these positions (Figure 2). Separation of the 3 launch positions (B1, B2, and B3) was determined by measuring the distance between the launch points (Figure 2). Initial preparations are underway for the construction of the control revetment.

Launch Site C is in an early stage of construction and consists of 6 launch positions (C1 through C6) and a control revetment. Tree clearance has been completed for access and service roads and preliminary grading is underway at the central control revetment. It appears that activity presently occurring at this site is being directed primarily toward construction of Positions C1 through C3 (Figure 2).

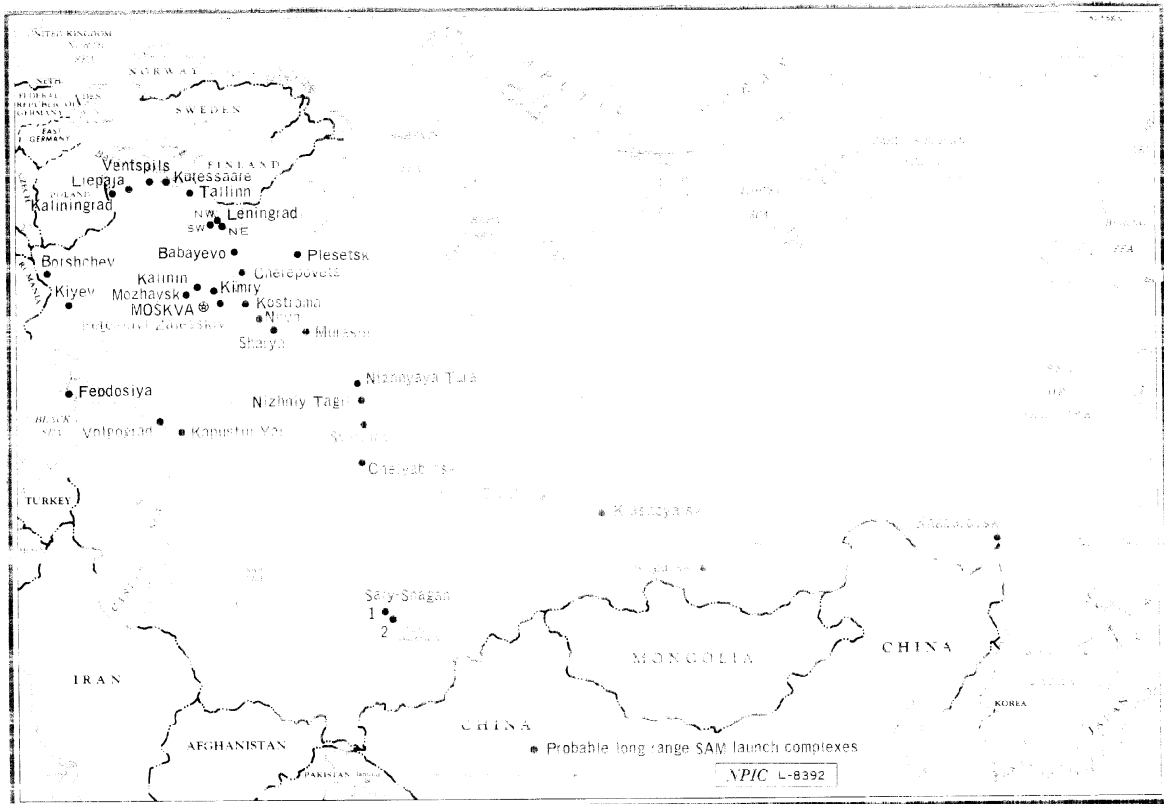


FIGURE 1. DEPLOYMENT OF PROBABLE LONG RANGE SAM LAUNCH COMPLEXES, USSR.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

Handle Via  
AGENT KEYHOLE  
Control System Only

Handle Via  
AGENT KEYHOLE  
Control System Only



ITEM DIMENSIONS (FT)



25X1D

LAUNCH SITE B  
 DISTANCES (FT)  
 B1-B2 345  
 B2-B3 355  
 B1-B3 630

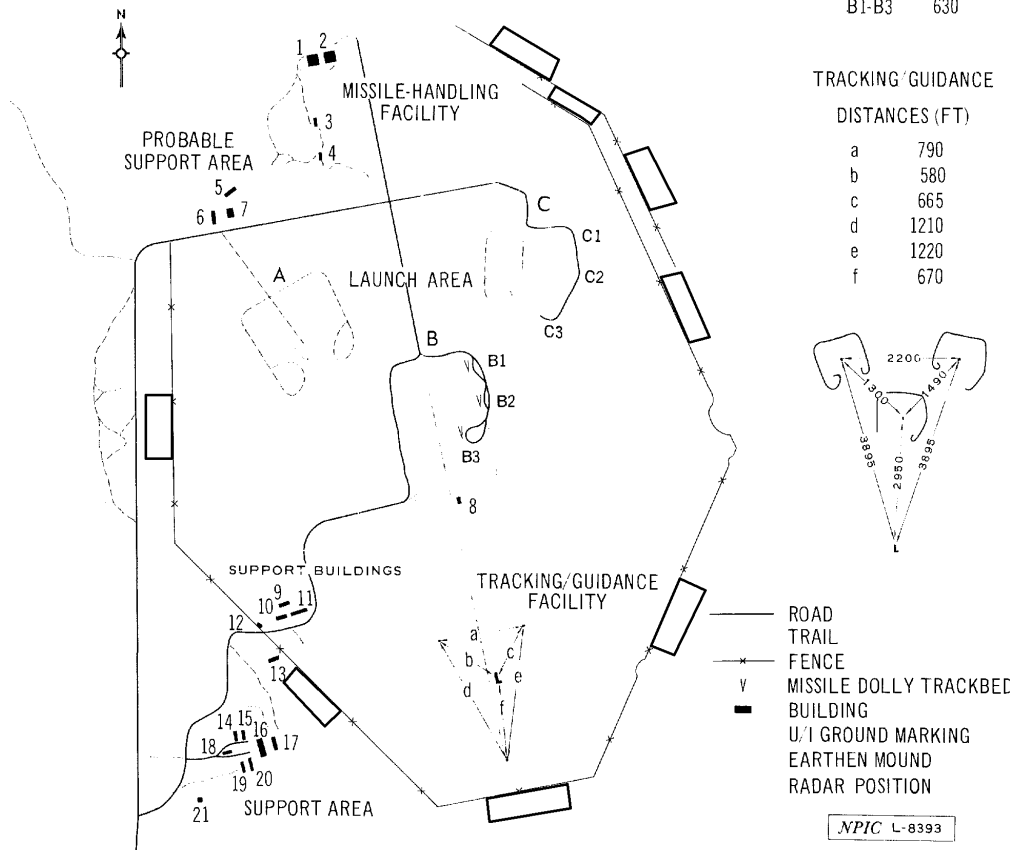
25X1D

TRACKING/GUIDANCE  
 DISTANCES (FT)  
 a 790  
 b 580  
 c 665  
 d 1210  
 e 1220  
 f 670

25X1D

25X1D

25X1D



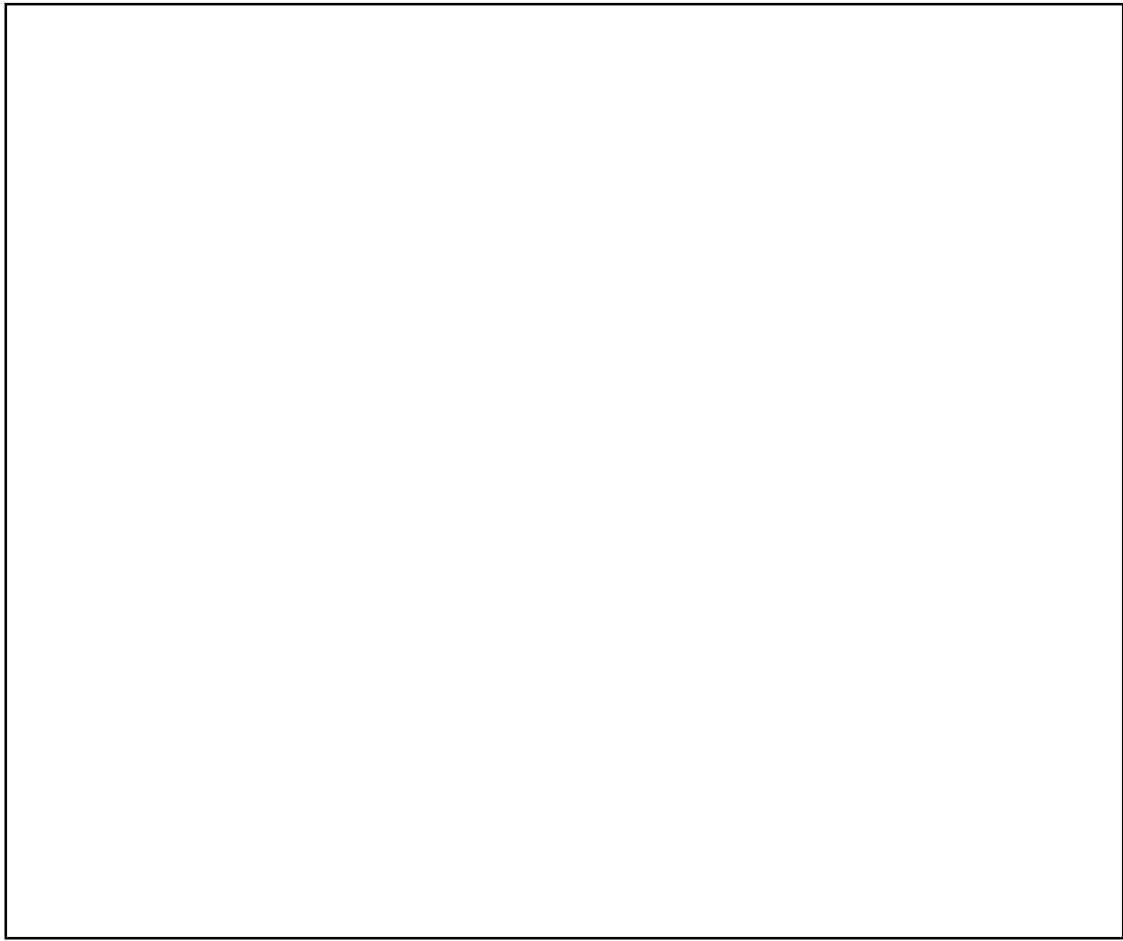
25X1D

25X1D

FIGURE 2. TOMSK PROBABLE LONG RANGE SAM LAUNCH COMPLEX.

25X1D

25X1D



**Tracking/Guidance Facility**

The tracking/guidance facility (Figure 2) consists of 3 radar positions and a control area at which is located an L-shaped excavation. Construction of mounds is in progress at the radar positions. Separation of radar positions and the control area was determined by measuring the distance between the approximate centers of the construction areas.

**Probable Support Area**

A probable support area (Figure 2) is located north of Launch Site A near the entrance of the complex. At least 3 buildings are discernible within this area and appear to be in an early stage of construction.

**Missile-Handling Facility**

The missile-handling facility (Figures 2 and 4) consists of 2 checkout/assembly buildings and 2 missile/missile component storage buildings. Although not yet connected by road, it is possible that the checkout/assembly buildings are of a drive-through type serviced by 1 leg of a parallel road system. The missile/missile component storage buildings are located north of the above structures and appear to be externally complete.



REFERENCES

PHOTOGRAPHY



DOCUMENT

1. NPIC. TCS-80349/67, *Summary of Probable Long Range SAM Launch Complexes, USSR*, Jun 67 (TOP SECRET CHESS RUFF)

MAPS OR CHARTS

SAC series, scale 1:200,000^

REQUIREMENT

CIA. C-D17-84,225

NPIC PROJECT

11248/67 (partial answer)



~~TOP SECRET~~

~~TOP SECRET~~