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basic imagery interpretation report

Novosibirsk Mobile IRBM Base 6, USSR (S)

DEPLOYED STRATEGIC SSM FACILITIES

USSR

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Z-14004/84

RCA-01/0002/84

JANUARY 1984

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Novosibirsk Mobile IRBM Base 6		UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	55-15-29N 083-04-28E	
MAP REFERENCE		
DMA. USATC, Series 200, Sheet 0162-9, scale 1:200,000		

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ABSTRACT

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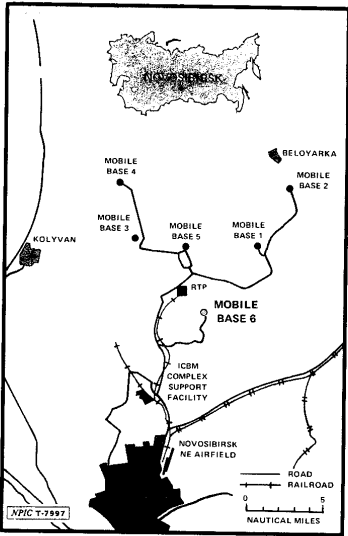
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1. This report describes the sixth SS-20 mobile intermediate-range ballistic missile (IRBM) support base in the Novosibirsk Surface-to-Surface Missile (SSM) Complex. The base, designated Novosibirsk Mobile IRBM Base 6, is a scratch-built facility approximately one nautical mile (nm) southeast of the Novosibirsk Rail-to-Road Transfer Point (RTP). The construction of Mobile Base 6 within the Novosibirsk SSM Complex marks the first time that six mobile IRBM bases have been associated with one complex. Construction began in December 1981, and the base was assessed to be operational by December 1982. The base is divided into two functional areas—an operations area and a general support area. (S/WN)
2. This report includes a location map, an annotated photograph, and a table that provides dimensions of all major structures at the base. (S/WN)

INTRODUCTION

3. Novosibirsk Mobile IRBM Base 6 is part of the Novosibirsk SSM Complex, which is subordinate to the Omsk Strategic Rocket Forces Army. The base is 5 nm east of the Ob River, 14 nm north of Novosibirsk, and approximately 175 meters above sea level. The general area consists of pine and birch forest interspersed with open fields. (S/WN)
4. The Novosibirsk region has short, cool, cloudy summers and long, severe winters. Snow, usually averaging 37 centimeters (cm) in depth, covers the ground almost half of the year beginning in mid-October, with deepest snow occurring in March. Approximately half of the average annual precipitation of 49.5 cm occurs during the summer. (U)
5. The soils consist of gray forest varieties in the wooded areas and chernozem elsewhere. Throughout much of the spring, summer, and early autumn, the soil stays wet and in a state of plasticity. The ground is usually frozen from early November to early-to-mid April. Frost depths reach an average of 150 cm, and complete thawing does not occur until June. (U)
6. Facilities associated with Novosibirsk IRBM Base 6 (Figure 1) include:

Installation/Geographic Coordinates/ BE Number	Distance and Orientation from Mobile Base 6
Novosibirsk Mobile IRBM Base 1 55-19-08N 083-10-06E	6.0 nm northeast
Novosibirsk Mobile IRBM Base 2 55-22-08N 083-14-00E	9.5 nm northeast
Novosibirsk Mobile IRBM Base 3 55-19-32N 082-56-28E	4.8 nm northwest
Novosibirsk Mobile IRBM Base 4 55-22-54N 082-55-05E	8.4 nm northwest
Novosibirsk Mobile IRBM Base 5 55-18-46N 083-01-41E	3.2 nm north
Novosibirsk RTP 55-16-23N 083-01-33E	0.9 nm northwest
Novosibirsk ICBM Headquarters Radcom Receiver/Bunker/Hard 55-16-23N 082-58-55E	1.7 nm northwest
Novosibirsk ICBM Complex Support Facility Administration 55-09-31N 082-57-27E	6.5 nm southwest



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FIGURE 1. LOCATION OF
NOVOSIBIRSK SSM FACILITIES, USSR

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7. Also associated with the Novosibirsk SSM Complex are seven areas that have been confirmed as field training areas for the SS-20 mobile IRBM system. Five of the areas contain prepared revetments for launch-support equipment. (S/WN)

BASIC DESCRIPTION

8. Novosibirsk Mobile IRBM Base 6 was scratch built in a wooded area near the Novosibirsk RTP. The base was identified [redacted] in a very early stage of construction, which was estimated to have begun [redacted] primary construction in the operations area was externally complete, and [redacted] the base was assessed to be operational. (S/WN)

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9. The base consists of an operations area and a general support area (Figure 2). (S/WN)

Operations Area

10. The operations area includes nine single-bay, sliding-roof garages and three five-bay garages. The single-bay garages are arranged in groups of three. Each five-bay garage is cable-connected to a group of three single-bay garages, forming a battalion; the three battalions form a regiment. (S/WN)

11. Security for the operations area includes six perimeter fences and an access security building at the entrance. At least four guardposts are positioned along the perimeter fence. An earth-covered personnel passageway (item 3) extends from the security building (item 4), passes under three fences, and exits near the access road in the operations area. This passageway is similar to those seen at fourth-generation intercontinental ballistic missile (ICBM) silos. (S/WN)

General Support Area

12. The general support area consists of a housing/administration area, a communications area, and a vehicle maintenance/storage area. Security for the general support area is provided by a single perimeter fence and an access security building at the main entrance to the base. (S/WN)

13. The housing/administration area includes a three-story dormitory with 737 square meters of roof cover, a probable messhall/classroom, an administration building, a probable agriculture-associated building, and two small probable utility buildings. Security consists of one separate perimeter fence and an access security building. (S/WN)

14. The communications area consists of a command, control, and communications (C3) building with a roof-mounted antenna array and two cable-connected, 28-meter-high lattice towers. The lattice towers were erected [redacted] and the antenna array was completed [redacted] Also in the communications area is a ten-bay garage. The C3 building and the ten-bay garage are separately secured by three fences, two perimeter guardposts, and an access security building. (S/WN)

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15. The vehicle maintenance/storage area consists of a ten-bay garage, an administration/shop building, and a five-bay garage. This area is separately secured by three fences and an access security building. (S/WN)

16. Heat for the base is obtained via steamline from the Novosibirsk RTP steamplant. Smaller steam-lines circulate steam to buildings throughout the base. (S/WN)

17. Nuclear payload-associated functions are probably performed at the division-level facilities at Novosibirsk RTP. These facilities consist of a nuclear payload handling facility; a nuclear warhead storage facility; receiving, inspection, and maintenance buildings; and various storage facilities. (S/WN)

REFERENCES

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MAPS OR CHARTS

DMA. USATC, Series 200, Sheets 0162-5 and 0162-10, scale 1:200,000 (UNCLASSIFIED)

RELATED DOCUMENTS

NPIC [redacted] RCA-01/0009/81, Novosibirsk Mobile IRBM Complex (S), Dec 81 (TOP SECRET CODEWORD)
NPIC [redacted] RCA-01/0001/71, MRBM and IRBM Housing and Administration Facilities, USSR (S), Aug 70 (TOP SECRET CODEWORD)

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