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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

CONSTRUCTION STATUS OF SOVIET

SINGLE SILO ICBM SITES

[Redacted box]

Declass Review by NIMA/DOD

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CIA/PIR 71009

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DATE Sep 1966

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CONSTRUCTION STATUS OF SOVIET
SINGLE SILO ICBM SITES



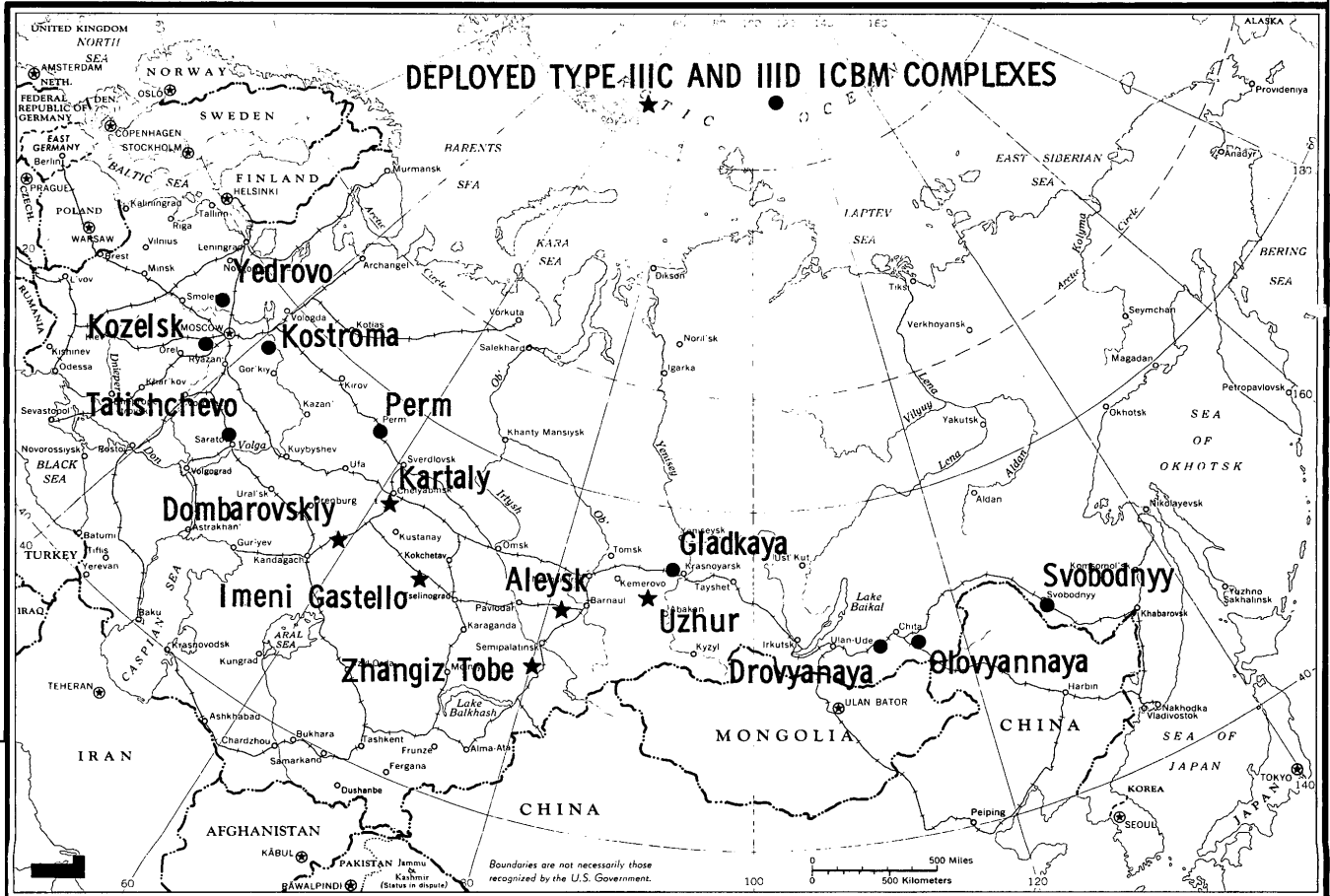
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USSR

DEPLOYED TYPE-III C AND III D ICBM COMPLEXES



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CONSTRUCTION STATUS OF SOVIET SINGLE SILO ICBM SITES

This PIR is part of a continuing series which have evaluated the progress of the Type III-C and Type III-D ICBM deployment program. A full explanation of the construction timing sheets which accompany this report can be found in CIA/PIR-61119 [redacted], June 1966.

Two new features appear in this report. For the first time a complete listing of all TDI numbers assigned to the single silo complexes is appended. In those instances where community-wide agreement apparently exists that a TDI number was assigned to an invalid site, no attempt has been made to define the activity involved. In those cases where CIA/IAD does not carry an active TDI number on the construction timing sheets, the reason is given in the appendix. It should be noted that CIA/IAD considers 'suspect' to be a legitimate category, but usually does not actively carry sites so designated. These are normally areas of early or inconclusive activity which are reviewed on each mission until either confirmed or denied as a site.

The second addition to the report is a result of a study on cable scarring within complexes. At the present time analysis of only the Type III-C complexes has been completed. The remainder of the complexes are being reviewed and results will be presented in subsequent single silo status reports and thereafter updated on a periodic basis. The traces on the maps should be regarded only as indicative of a definite connection between sites, since the actual cable locations have only been approximated.

During the months of [redacted] good to excellent coverage of parts of almost all single silo complexes was obtained on [redacted] [redacted] provided much needed search coverage of several complexes. Altogether, this was undoubtedly the most productive series of missions ever received over a [redacted] period, however, several important gaps in coverage still exist.

Among the more outstanding discoveries on these missions was the first indication of inter-group connection at two Type III-C complexes. Cable scarring is now evident extending directly towards site A-1 (TDI 1) from site B-1 (TDI 8) at Kartaly and to A-1 (TDI 3) from B-1 (TDI 9) at Dombarovskiy. This is the time frame in which such a development was anticipated to occur.

groups. Subsequently, good coverage was obtained of completed sites at Tatishchevo, Drovyanaya and Olovyannaya on which no evidence of disturbance was found. This seems to indicate the nature of the problem is local and possibly confined to a few sites within that area since two other completed sites in the same group at Gladkaya were undisturbed.

Sufficient coverage has now been obtained over the Type III-C complexes to verify that the large single silos have also had a noticeable speed-up in construction. It appears that 'B' group sites will generally average about 18 months to completion. Sites in the 'C' and subsequent groups will range from probably as little as 14½ months to a maximum of 18 months to completion. Cloud shadow prevented a definite determination, but one of these sites, C-1 (TDI 12), at Uzhur may already be complete. A reflection of this speed-up is also apparent in the initial work on the control elements at least 2-3 months earlier than had been customary.

Concurrently, the more recent Type III-D sites continue to show the accelerated construction rate previously reported. In some instances, such as Tatishchevo Site 100 (where the headworks appeared complete at surface level within a period of 38 days), it is indeed rather startling. No accurate forecast can yet be made for a minimum completion time, however.

The second groups of Type III-D silos, deployed at the original five complexes, are now complete or nearing completion. The first completions in the third groups at these complexes have now been observed at Olovyannaya and Tatishchevo.

The appearance of an 'L' shaped interferometer under construction (considerably ahead of previous practice) at Yedrovo makes this the third Type III-D complex, along with Olovyannaya and Tatishchevo, to have such a facility associated with the control sites. Interferometers may yet appear at Kozelsk, Svobodnyy, or Kostroma. If so, they should be identified in the very near future.

A total of 14 Type III-C sites were newly identified, and one probable site was confirmed. Forty confirmed, seven probable, and five possible Type III-D sites were newly identified, and one possible and 18 probable sites were confirmed. Included in these totals are elements of three new

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Type III-C groups and two new confirmed and one probable Type III-D groups. One probable Type III-D group was confirmed. Complex command control centers were identified at Kartaly, Imeni Gastello, Aleysk, and Perm.

Nineteen additional Type III-C sites and 46 Type III-D sites were observed to be complete.

The following is a compilation of sites, by complex, begun this year. The probable starting dates are based upon construction timing studies and are probably accurate to approximately plus or minus one month. Only confirmed and probable sites are included so that these figures must be considered as absolute minimums, rather than the actual count. Parts of some complexes have not been covered on interpretable photography since [redacted]. These include, in particular, Uzhur, Gladkaya, and Kostroma, and to a lesser degree, Svobodnyy, Drovyannaya, Olovyannaya, and Tatishchevo.

TYPE III-C STARTS - [redacted]

25X1

<u>Complex</u>	<u>J</u>	<u>F</u>	<u>M</u>	<u>A</u>	<u>M</u>	<u>J</u>	<u>J</u>	<u>A</u>	<u>S</u>	<u>O</u>	<u>N</u>	<u>D</u>
Aleysk	1		1			1	1	1				
Dombarovskiy	2	3	2	4								
Imeni Gastello	1	4				1	1	1				
Kartaly	1	3										
Uzhur	1		1									
Zhangiz Tobe		3	2									
Totals	6	13	6	4		2	2	2				

TYPE III-D STARTS [redacted]

25X1

<u>Complex</u>	<u>J</u>	<u>F</u>	<u>M</u>	<u>A</u>	<u>M</u>	<u>J</u>	<u>J</u>	<u>A</u>	<u>S</u>	<u>O</u>	<u>N</u>	<u>D</u>
Drovyannaya	1	6										
Gladkaya				1								
Kostroma	1	1	1	1	2							
Kozelsk	1	3	3	1	5	1						
Olovyannaya	4		2	5	7	6	2					
Perm		3	3	2								
Svobodnyy	4	1	3	8								
Tatishchevo	4	4	5	9	8	3	2					
Yedrovo	1	3	6		1							
Totals	16	21	23	27	23	10	4					
Grand Totals	22	34	29	31	23	12	6	2				

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OBSERVATIONS AND GENERAL DISCUSSION

Svobodnyy

Due to clouds and haze, only partial [] coverage of the complex was obtained [] The existence of three groups was verified by the identification of three new sites near launch site 18. Two other sites were added to the group near the town of Svobodnyy.

Kozelsk

The first [] photography of this complex since early [] although of poor quality, revealed the existence of a second group northwest of the complex support facility. The group consists of five confirmed, four probable, and one possible site. One confirmed and two possible sites were identified in the 'G' group.

Kostroma

Kostroma has not been covered on [] photography since [] The small area covered through heavy clouds by [] confirmed the probable second group to the northeast. One possible and two confirmed sites were observed.

Yedrovo

The appearance of an 'L' shaped interometer under construction at launch site 11 was the only significant development at Yedrovo. It is the third Type III-D complex to have this facility associated with the control sites.

Drovyanaya

Clear, good quality [] coverage was obtained over 19 sites in the two original (G and H) groups. All of these sites are complete, and it can be presumed that launch site H-9 (TDI 26) which was not observed, is also complete.

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Olovyannaya

Five sites in the 'J' group, eight in the 'K' group and one in the 'I' group were newly identified giving Olovyannaya the second highest rate of starts of any Type III-D complex. Three more sites in the 'D' group, nine in the 'E' group and one in the 'G' group were completed. The excellent quality coverage of [redacted] revealed that the interferometer identified at launch site G-1 (TDI 25) has an apparently unique "T-shaped" configuration in its present stage of construction. It is also positioned at some distance from the site, and outside of the site security fence.

Gladkaya

Two sites were confirmed in the 'H' group through heavy clouds on [redacted] TDI launch site 41 was newly identified on the extreme east end of the complex and is considered, because of its probable [redacted] starting date, to be part of a fourth group. The surrounding area has not been seen on good quality photography since early [redacted]

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Perm

A complex command control center (probable site 60) has been identified under construction adjacent to the transfer point. One possible site was dropped and another added to the 'H' group. A minimum of five sites in the 'I' group have been determined to be complete.

[redacted]
[redacted] Due possibly to the covering, it could not be determined if this is identical to the cylindrical object seen previously at site G-5 (TDI 19) on [redacted]

25X

Tatishchevo

[redacted] covered most of Tatishchevo during this period. The entire 'A' and 'E' groups are now complete, although the electronics associated with the control site of the latter group still appears to be under construction. As at Olovyannaya, the silo at the control site of the third group has also been completed, although an interferometer has not yet been identified. Eleven confirmed and three probable sites were identified and 18 probable sites confirmed. Although the grouping shown on Figure 13 is tentative, it seems likely that 10 groups are under construction

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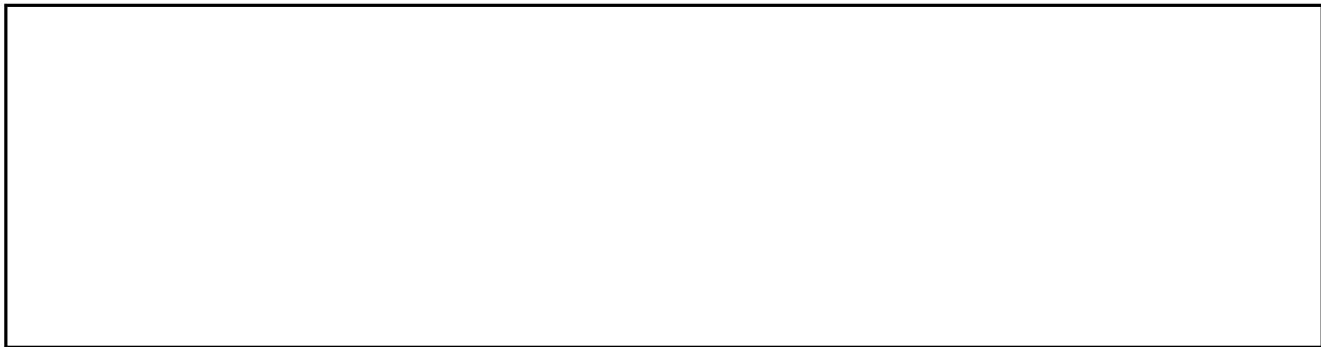
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here. Coverage is needed over the east side of the complex, where the entire 'E' group is probably under construction.



The high rate of starts identified during the second quarter [redacted] at this complex is unprecedented. At this pace, Tatishchevo alone, solely by filling out existing groups, will equate to about 45 percent of the total of all Type III-D starts observed [redacted]. Various factors could account for this. These include the speed-up of construction of the individual sites; the nature of the terrain (which requires little, if any, initial site preparation); and the time of year (which should provide the best climatic and working conditions).

Tatishchevo now extends 46 miles from north to south and 39 miles from east to west. A graphical comparative representation of the area involved is presented as Figure 17.

TYPE III-C COMPLEXES

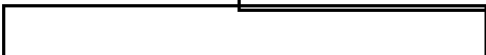
Dombarovskiy

The entire complex was covered during this period. All of the 'A' group is now complete. Cable scarring is evident connecting the control sites of the 'A' and 'B' groups. The control site for the 'C' group was confirmed and three new sites were identified to fill out the 'D' group. The suspect site (TDI 20) near the transfer point was dropped, as there is no typical excavation present.

Aleysk

The first clear look at Aleysk since last [redacted] revealed two new sites which form the beginning of a third group; another site which filled out the 'B' group; and a complex command control center (TDI site 14) under

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construction adjacent to the transfer point. The new group, located north-east of the 'B' group, was not started until [] of this year. This represents a longer than usual time span, by some 4 months, between construction of groups. This, however, is consistent with the apparent erratic program observed at Aleysk since the earthquake. The earthquake apparently forced the abandonment of launch site 4.

Two additional sites in the 'A' group have been completed. The L-shaped interferometer is not yet complete at A-1 (TDI 3). This group as a whole will probably not be complete until about the second quarter of 1967.

Imeni Gastello

Good quality photography of Imeni Gastello showed the entire 'A' group to be complete and the 'B' group to be rapidly nearing completion. Sites in the latter group will probably be completed in a time frame of 14½ to 18 months. There are limited indications that the 'C' group will also conform to this schedule.

Two sites (TDI 19 and 20) of a fourth group were newly identified north of the 'A' group. Construction probably started in [] A complex command control center (TDI 21) was also identified at the transfer point.

Several new features of a completed Type III-C site were observed on [] These include an earth-mounded building with a personnel entrance situated between the fence lines; a probable spray pond; two pairs of very small objects, one on either side of the silo; three small square unidentified objects and a hardstand outside the fence line.

Kartaly

Fair to good quality coverage on [] provided better observation of the cable and road nets. Most significant was the cable scar extending from launch site B-1 (TDI 8) directly towards launch site A-1 (TDI 1), presently terminating at a point about halfway between.

The 'A' group is now complete, except for electronics. The 'B' group is very near completion. Noteworthy in this regard is the speed at which these sites will probably be completed--an estimated 14½ to 18 months. There are indications that the 'C' group will be completed within this same time frame. Three sites south of the 'C' group were newly identified as part of a fourth group, which began in [] A complex command control center (TDI 27) was also identified at the transfer point.

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Uzhur

Partial [] coverage of this complex suggests that a fifth group may have been deployed this year to the east of the railroad opposite the complex support facility. A group of buildings, similar to a site support facility, was visible at the edge of the photography. These buildings were not present []

Three sites were covered in the 'A' group. All had a peculiar mottled appearance on the loop road within the fence line, as if small piles of some material had been dumped in clusters. Lack of stereo precluded a definite determination. The site support facility at two of these sites is being removed, and it now appears that these facilities were used solely for the construction workers at the site. Three sites of the 'B' group were seen in mono on the extreme edge of a [] pass on [] two of them in heavy cloud shadow. Launch site B-3, seen the best, is in all probability complete. This, and the length of time under construction leads to the presumption that the group as a whole is also probably complete. Further emphasis is provided by the fact that several sites in the 'C' group are already nearing completion. Launch site C-1 (TDI 12) may, in fact, be complete (except for electronics), but cloud shadow prevented a definite determination. This group is also expected to fall within a 14½ to 18 month completion range. The area around the fourth (D) group was not sufficiently covered to identify the rest of the sites which are necessary to fill out this group.

Progress on launch site X (TDI 19) now completely enclosed within the fence line of the transfer point, is proceeding at an extraordinarily slow pace. This appears to be the rule, rather than the exception, with the complex command control centers.

Zhangiz Tobe

The complex was covered by good to excellent photography. The 'A' group has been completed and the 'B' group is nearing completion within the 14½ to 18 month span. It is also evident that the 'C' group is progressing at least at this pace. The headworks at C-1 (TDI 14) has been constructed at an extremely rapid rate and the excavation for the control bunker was made about four months ahead of schedule.

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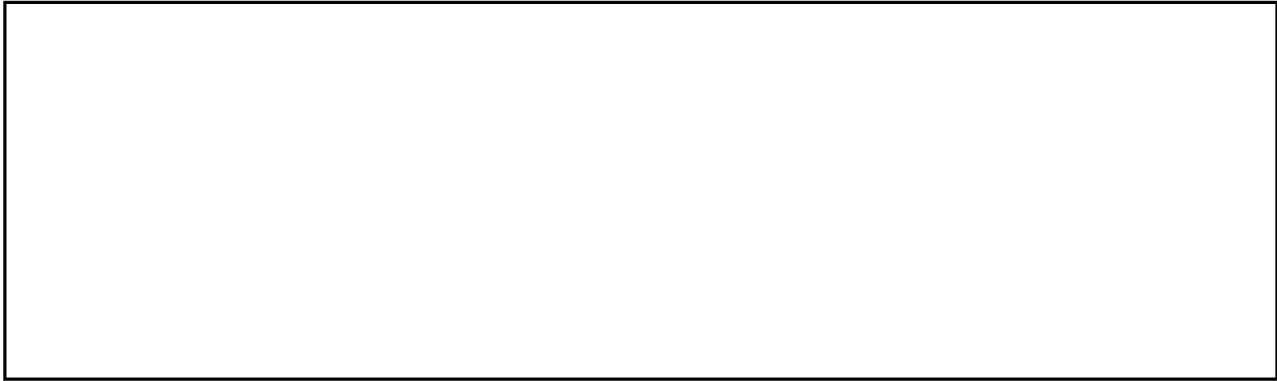
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CIA/PIR-71009

REFERENCES



DOCUMENTS

1. CIA/PIR-61119, [redacted] Construction Status of Soviet Single Silo ICBM Sites (April-May 1966) (TOP SECRET [redacted])
2. CIA/PIR-71005, [redacted] Construction Status of Soviet Single Silo ICBM Sites (May-June 1966) (TOP SECRET [redacted])

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REQUIREMENTS

- C-RR6-83,929
- C-RR6-83,826
- C-RR6-83,392

CIA/IAD PROJECTS

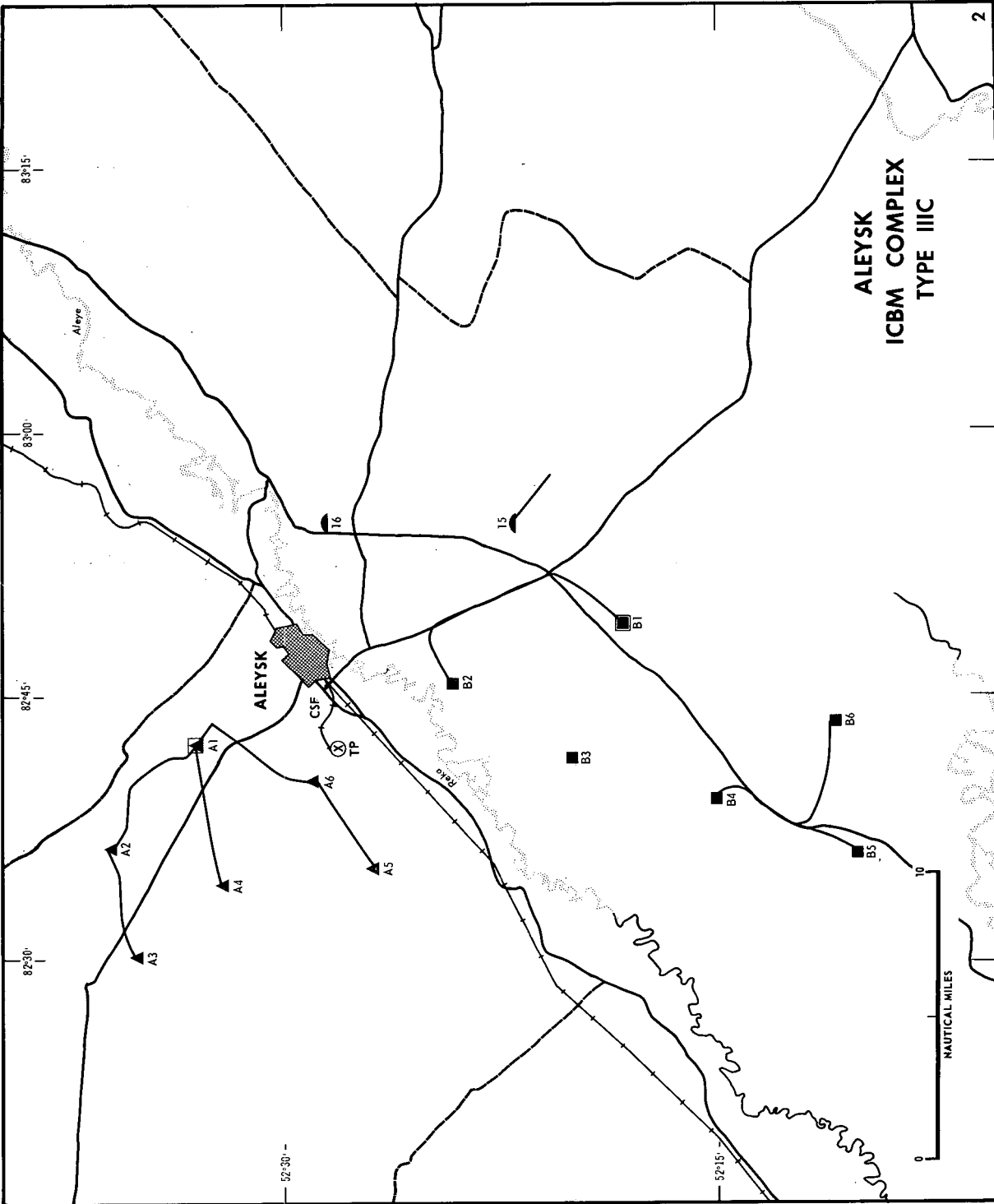
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- 30145-7
- 30881-6 (Partial)

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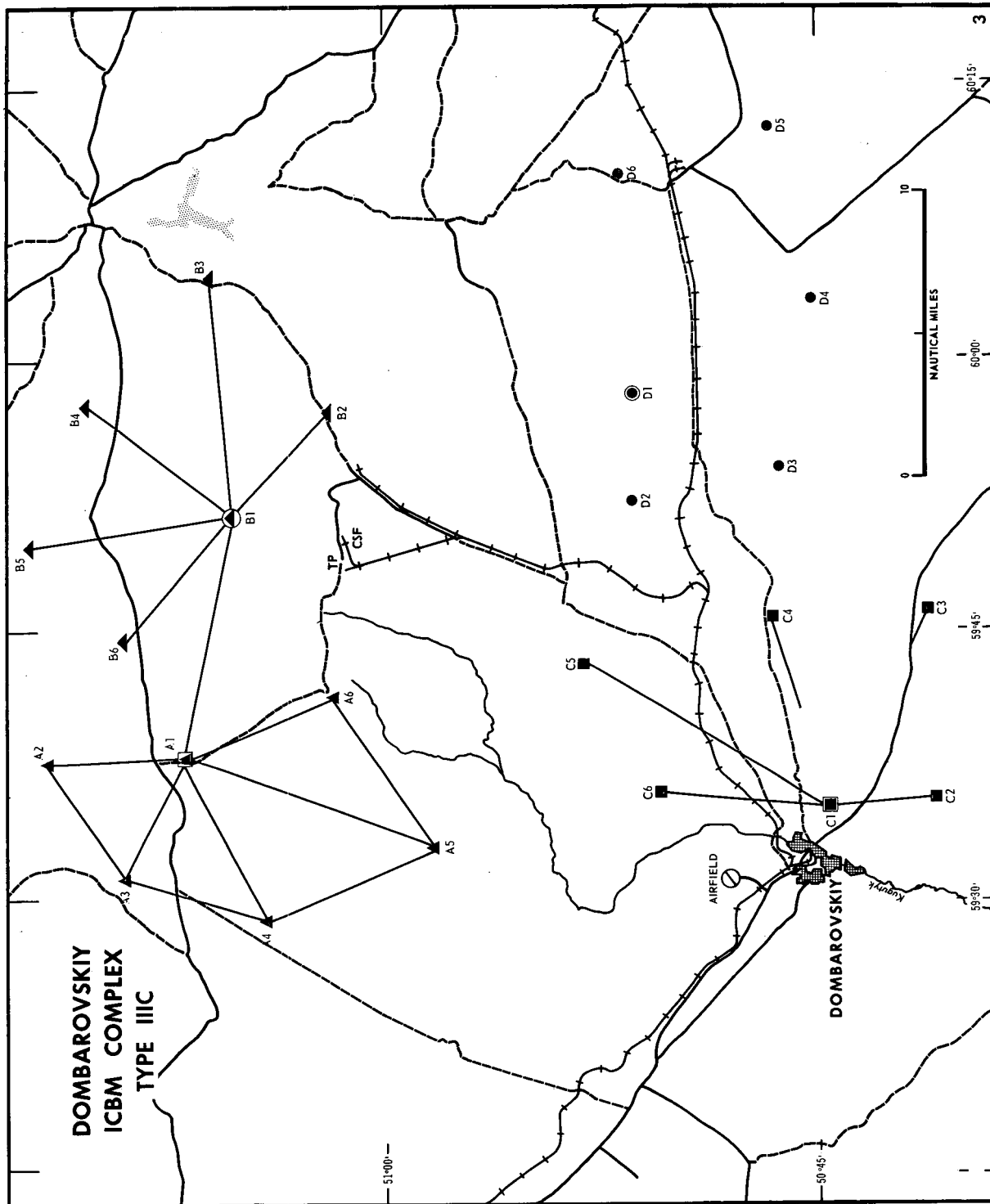
ALEYSK ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	B1	B2	B3	B4	B5	B6									
PREVIOUS DESIGNATION	H+	G		T	J	K									
TDI SITE DESIGNATION	8	7	13	9	10	11		15	16						
MISSION/DATE	CONSTRUCTION STAGE														
				ID	3										
	ID	ID	N	ID	ID	ID		N	N						
	ID		ID	ID											
	ID														
	ID	ID		ID											
	6B	5		ID	4A	4A									
	⁵ 6B	ID	ID	ID	ID	ID		3	2						

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

DOMBAROVSKIY ICBM COMPLEX

SITE CONSTRUCTION STATUS

LAUNCH SITE	A1+	A2	A3	A4	A5	A6			B1+	B2	B3	B4	B5	B6
PREVIOUS DESIGNATION	B	A	F	E	D	C			J	I	L	K	G	H
TDI SITE DESIGNATION	3	4	7	6	1	2			9	8	13	12	11	10
MISSION/DATE	CONSTRUCTION STAGE													
	9	9	ID	6A	6A	9			4A 4B	4A	2	4A	4A	4A
	ID C	ID	ID	ID	ID	ID			ID 4A	ID	ID	ID	ID	ID
	6B	C			ID	C			6B			ID	4A	4A
	ID 6B		ID	ID	ID				ID	ID	ID	ID	ID	ID
	ID		ID		ID				ID 6B	ID	ID	ID	ID	ID
					6A				4A 6B	4A	4A	4A		
	C 8		ID	ID										ID
			ID	C					ID 6B	6A	ID	ID	ID	ID
			C		C									

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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**DOMBAROVSKIY ICBM COMPLEX
SITE CONSTRUCTION STATUS**

LAUNCH SITE	C1+	C2	C3	C4	C5	C6													
PREVIOUS DESIGNATION	N	P		O	R	M													
TDI SITE DESIGNATION	15	19	18	17	16	14													
MISSION/DATE	CONSTRUCTION STAGE																		
[Redacted]	N		1			N													
	ID	N		N	N	ID													
	ID					ID													
	ID	ID	ID	ID	1	ID													
					2	2													
						2	3												
		3	3	3															
		3	3	3	3														
	ID 6B	ID	ID	ID	4A	4A													

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Site 18 was negated on [Redacted]
Suspect Launch Site Q (20) has been dropped.

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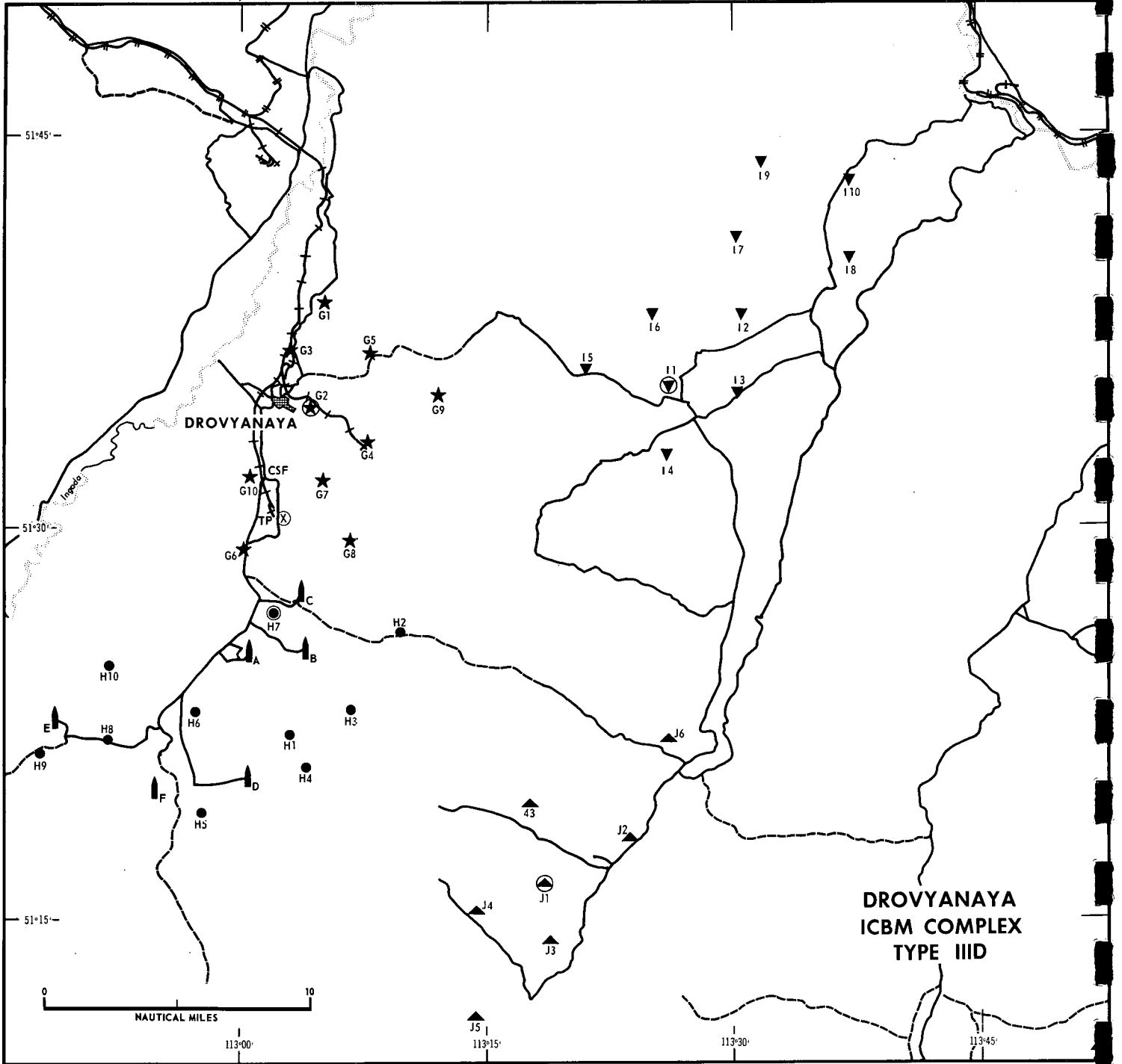
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DOMBAROVSKIY ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	D1+	D2	D3	D4	D5	D6								
PREVIOUS DESIGNATION	S		T											
TDI SITE DESIGNATION	21	24	22	23	25	26								
MISSION / DATE	CONSTRUCTION STAGE													
	N													
	1	N	N	N	N	N								
	2	1	2	1	1	2								
	3	3	3											
		3												
	ID	ID	ID											
	3													
	6B			3	3	3								

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:



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**DROVYANAYA ICBM COMPLEX
SITE CONSTRUCTION STATUS**

LAUNCH SITE	I1+	I2	I3	I4	I5	I6	I7	I8	I9	I10				
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	33	29	31	34	35	32	30	36	40	37				
MISSION / DATE	CONSTRUCTION STAGE													
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	ID	ID	ID	ID	ID		ID		ID					
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
						6A								
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	7 6B		7	9	ID									

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Sites 29 and 32 were negated on [redacted]
 Sites 30, 31, 33, 34, 35, 36, 37, and 40 were negated
 [redacted]

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DROVYANAYA ICBM COMPLEX
SITE CONSTRUCTION STATUS

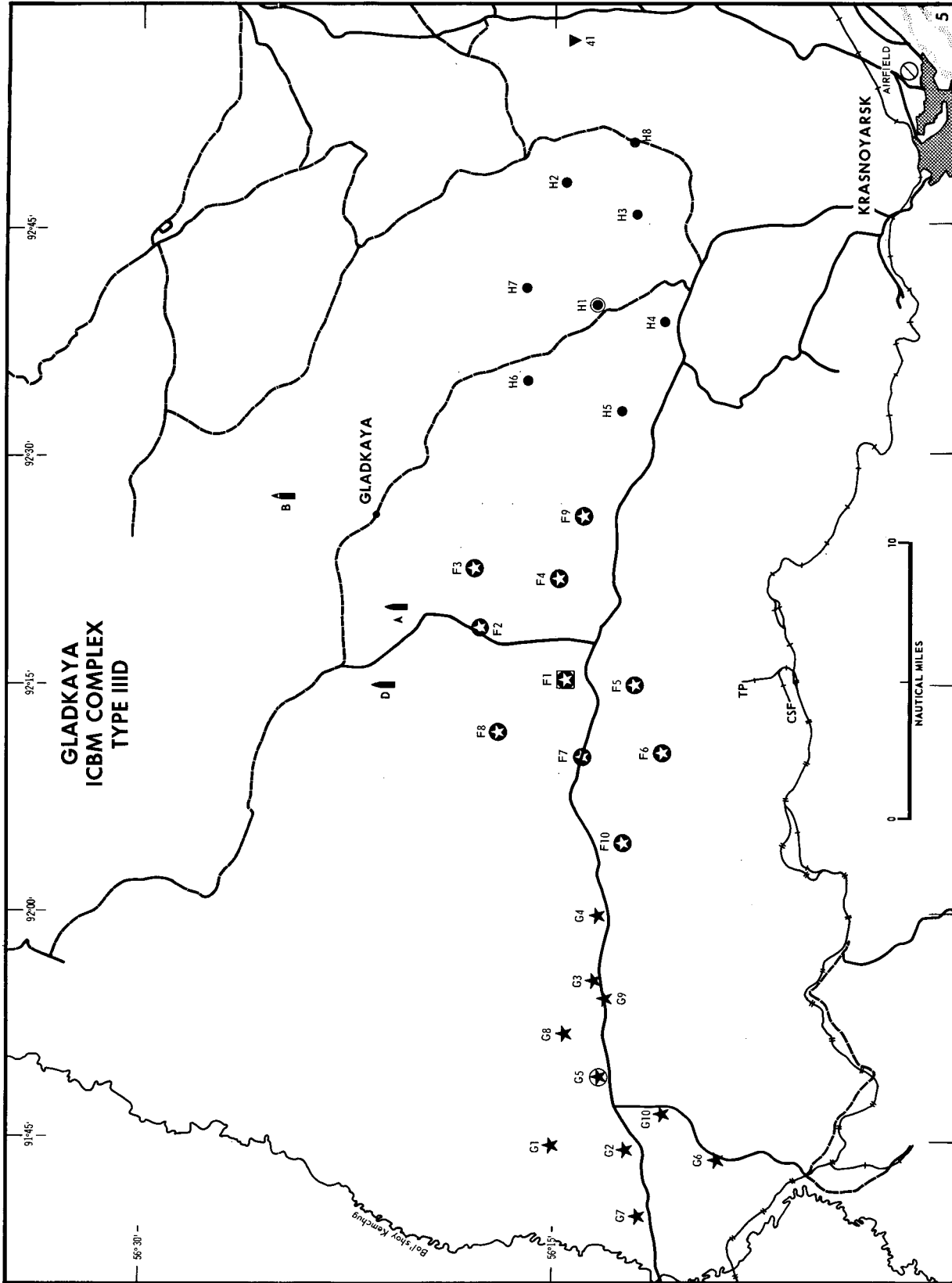
LAUNCH SITE	J1+	J2	J3	J4	J5	J6								
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	44	38	46	45	47	39	43**							
MISSION/DATE	CONSTRUCTION STAGE													
	N		N	N	N	ID	N							
	ID	N	ID	ID	ID	ID	ID							
	ID	ID	ID	ID	ID	ID	ID							
	ID	ID	ID	ID	ID	ID	ID							
	ID			6A										

* Probable site
 ** Possible site
 *** Suspect site
 N Negation
 ID Identification only
 C Completed site
 + Control site

REMARKS: Site 39 was negated on [redacted]

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GLADKAYA ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	F1+	F2	F3	F4	F5	F6	F7	F8	F9	F10				
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	7	8	14	9	10	11	12	15	22	20				
MISSION/DATE	CONSTRUCTION STAGE													
							ID	ID	ID					
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
							ID	ID		ID				
	C	C	C	C	C	C	C	C	C	C				
	9				9	9	9							

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

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GLADKAYA ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	H1+	H2**	H3	H4**	H5	H6	H7	H8						
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	27	30	28	26	25	34	33	29						
MISSION/DATE	CONSTRUCTION STAGE													
[REDACTED]	ID	ID	ID	ID	ID	ID	ID	ID						
				ID				ID						
						ID	9	9						
				9					9					

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Site H8 was negated on [REDACTED] and was ID [REDACTED]

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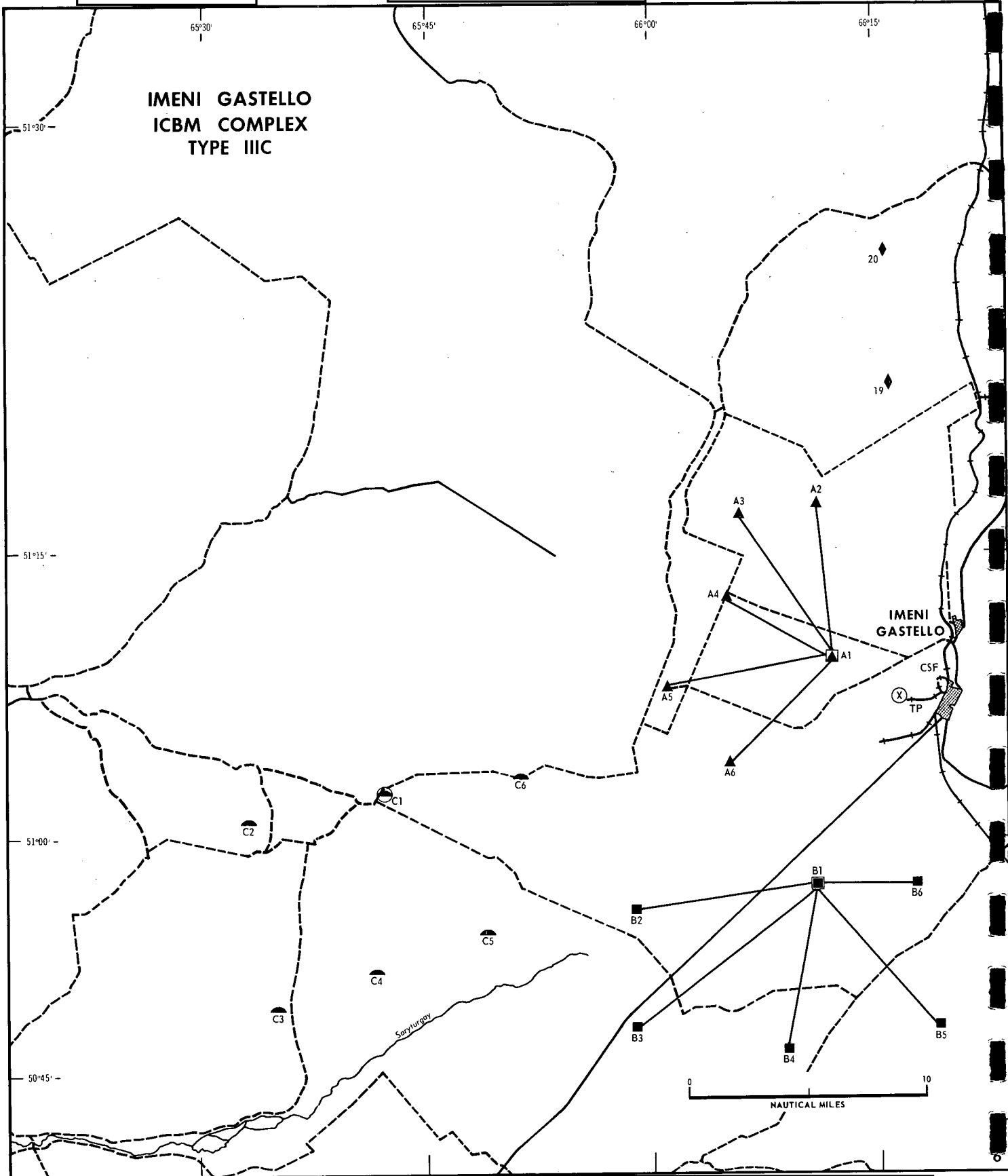
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CIA/PIR-71009

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25X1

25X1

CIA IMAGERY ANALYSIS DIVISION

IMENI GASTELLO ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	A1+	A2	A3	A4	A5	A6			B1+	B2	B3	B4	B5	B6
PREVIOUS DESIGNATION	D	E	F	C	B	A			G	H	K	L	J	I
TDI SITE DESIGNATION	4	5	6	3	2	1			7	8	11	12	10	9
MISSION / DATE	CONSTRUCTION STAGE													
	9								4A					
	6B	9	6A	4A	5	9			6B	4A	4A	4A	4A	ID
	C								4A					
	ID	C	6A	ID	5	ID			6B	ID	4A	ID	ID	ID
	C								ID					
	ID		ID	ID	ID	ID			6B	ID	ID	ID	4A	ID
									ID					
	ID			ID	ID	ID			6B	4A	ID	ID		ID
	C								ID					
	8		ID	ID	ID	ID			6B	4A	4A	4A	4A	4A
									6A					
									6B	5	4A	4A	4A	6A
												4A		
										6A	6A			
									9					
									6B	6A	6A	6A	6A	9
									9					
									6B	6A	6A	ID		

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

IMENI GASTELLO ICBM COMPLEX

SITE CONSTRUCTION STATUS

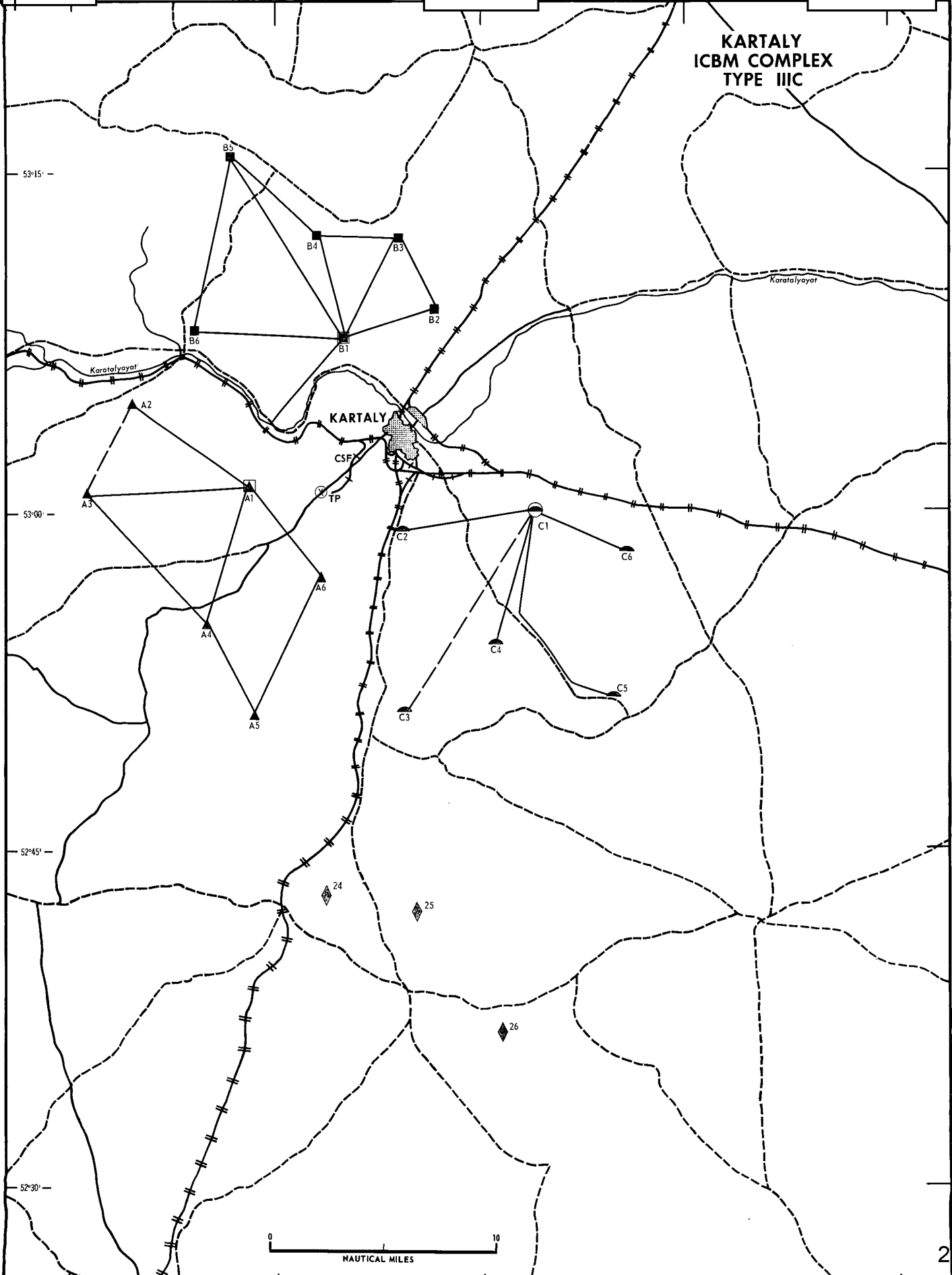
LAUNCH SITE	C1+	C2	C3	C4	C5	C6		X							
PREVIOUS DESIGNATION	Q	R	O	N	M	P									
TDI SITE DESIGNATION	17	18	15	14	13	16		21							
MISSION/DATE	CONSTRUCTION STAGE														
[REDACTED]	ID	1	1	ID	ID	ID									
	ID	ID	2	ID	ID	ID									
	ID	ID	ID	ID	ID	ID									
	3	3	3	ID	ID	ID		N							
	3 6B	3	4A												
	ID 6B	4A	4A	4A	4A	4A		3							
					4A	ID									

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Sites C1, C2, C3, C4, and C6 were negated on [REDACTED]
 [REDACTED]. Site C5 was negated on [REDACTED]
 and was in Stage 2 on [REDACTED]

TOP SECRET

KARTALY
ICBM COMPLEX
TYPE IIIC



CIA IMAGERY ANALYSIS DIVISION

KARTALY ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	A1+	A2	A3	A4	A5	A6			B1+	B2	B3	B4	B5	B6
PREVIOUS DESIGNATION	A	F	E	C	D	B			H	G	J	K	P	I
TDI SITE DESIGNATION	1	6	5	3	4	2			8	7	12	11	13	10
MISSION/DATE	CONSTRUCTION STAGE													
	ID	ID	ID	ID	ID	ID			ID	ID	ID	ID	ID	ID
				ID		ID			ID					
	ID	ID	ID	ID	C	C			6B	ID	4A	ID	ID	ID
									ID					
	ID	ID	ID	ID					6B	ID	ID	ID	ID	ID
				ID										
														ID
	C								9					
	ID	C	C	C					6B	9	7	7	6A	9

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

**KARTALY ICBM COMPLEX
SITE CONSTRUCTION STATUS**

LAUNCH SITE	C1+	C2	C3	C4	C5	C6		X										
PREVIOUS DESIGNATION	N	O	Q	M	R	L												
TDI SITE DESIGNATION	14	15	18	19	21	20		27										
MISSION/DATE	CONSTRUCTION STAGE																	
	ID	ID	N	N	N	N		ID										
								ID										
	ID	ID						ID										
	ID	3	3	3	3	3		ID										
	ID		3	3	3	3												
	4A 4B			3	3	3												
	ID	ID		ID	ID	ID		ID										
	ID							ID										
	4A 6B	4A	4A	4A	4A	4A		3										
	4A 6B	4A	4A	4A	4A	4A		3										

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Launch Site X was negated on

[Redacted]

X1

X1

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25X1

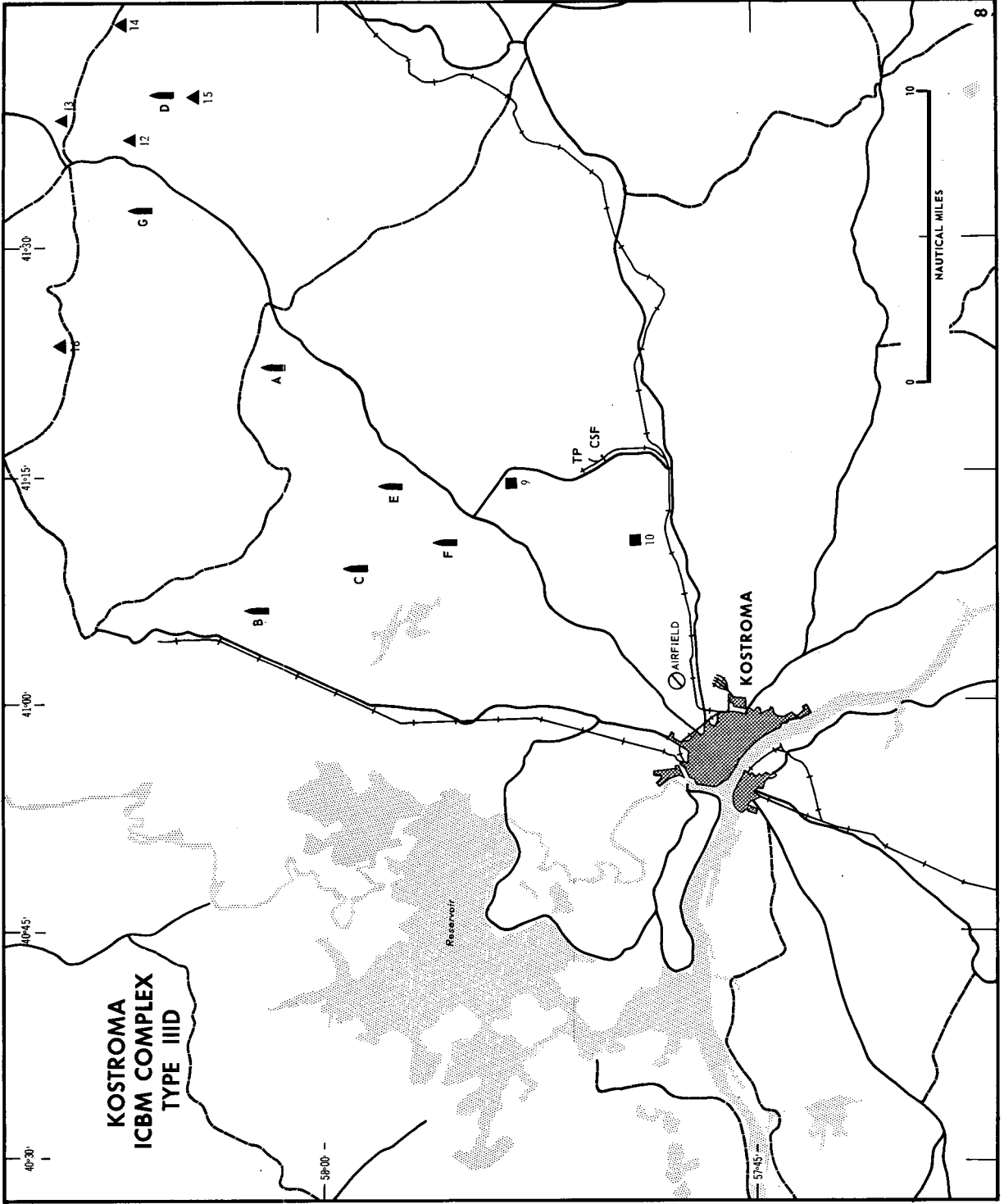
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TOP SECRET

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25X

CIA IMAGERY ANALYSIS DIVISION

KOSTROMA ICBM COMPLEX

SITE CONSTRUCTION STATUS

LAUNCH SITE											
PREVIOUS DESIGNATION											
TDI SITE DESIGNATION	12*	13*	14	15	16**						
MISSION / DATE	CONSTRUCTION STAGE										
	ID	N	N	N	N						
	ID	ID	ID		ID						

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Probable Site 12 was negated on [redacted]

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CIA/PIR-710025X1

25X1

**KOZEL'SK
ICBM COMPLEX
TYPE IIID**

KOZEL'SK

Zhizdra TP CSF

A

D

E

11

22

10

7

9

26

25

F



TOP SECRET

25X1

CIA IMAGERY ANALYSIS DIVISION

KOZELSK ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	G1																		
PREVIOUS DESIGNATION																			
TDI SITE DESIGNATION	7+	8	9	10	11	12	22	25**	26**										
MISSION / DATE	CONSTRUCTION STAGE																		
[REDACTED]	ID			ID	N	N	N												
	7	7	ID	ID	ID		ID	N											
	7	7	4A	7	5	5			N										
	7 6B			7															
	9 6B	9	7	9	ID		7	ID	ID										

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

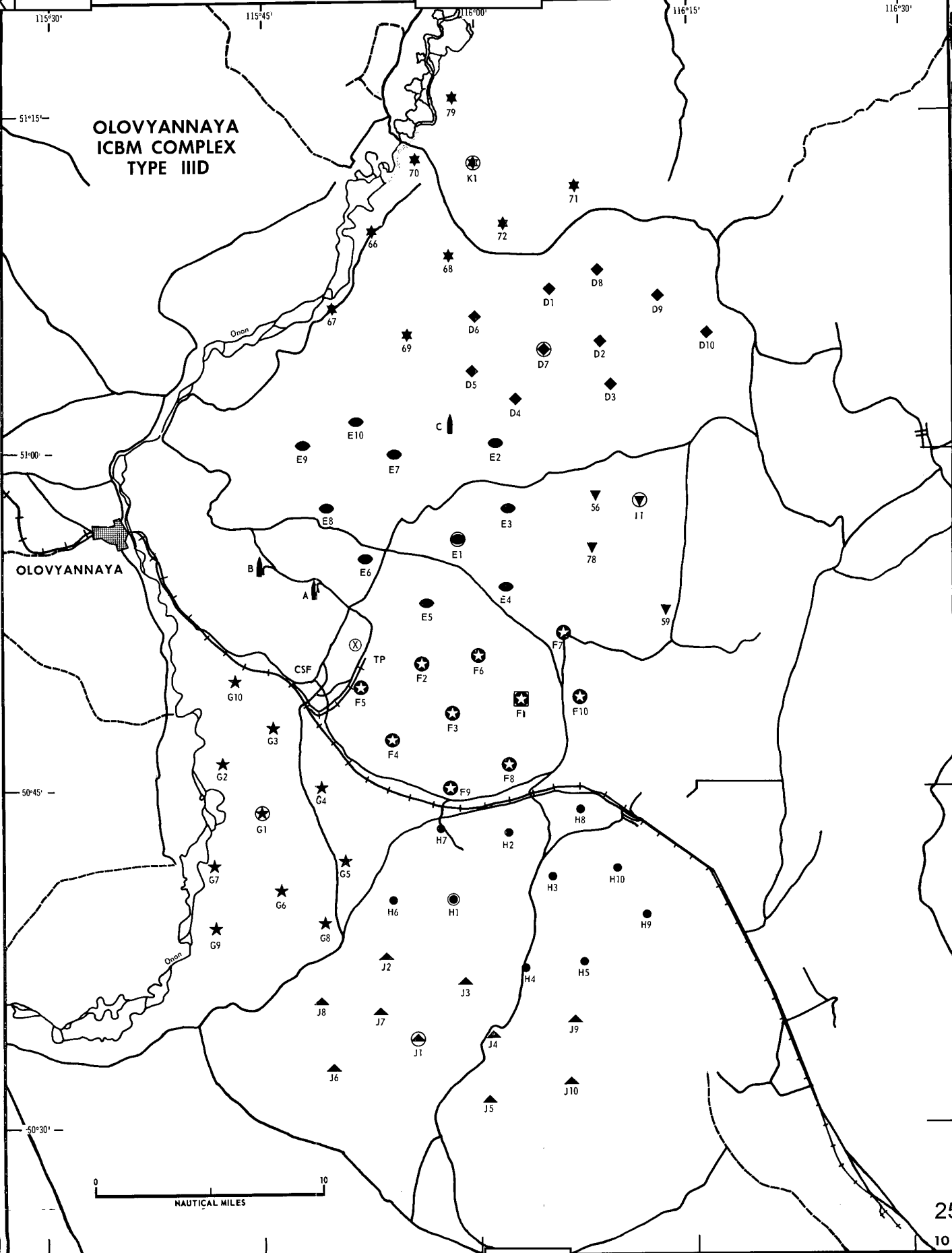
REMARKS: Sites 7-10 were negated on [REDACTED]
Possible Site 14 has been dropped.

TOP SECRET

CIA/PTR-71009

23 X1

X1



OLOVYANNAYA
ICBM COMPLEX
TYPE IIID

OLOVYANNAYA



TOP SECRET

25
10

TOP SECRET

CIA/PIR-71009

25X1

25X1

CIA IMAGERY ANALYSIS DIVISION

OLOVYANNAYA ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	X+	D1	D2	D3	D4	D5	D6	D7+	D8	D9	D10				
PREVIOUS DESIGNATION	F1														
TDI SITE DESIGNATION	24	4	5	7	8	9	10	6	12	13	11				
MISSION/DATE	CONSTRUCTION STAGE														
[REDACTED]	ID 6B	9	9	9	9	9	9	9	9	9	9				
	ID 6A 6B	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	ID		ID	ID	C	ID	ID								
			C	C					ID		C	C			
	ID	ID					ID	ID	ID	ID					
	6A 6B						ID				C				
	6A 6B						C								

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

TOP SECRET

25X

25X

TOP SECRET

CIA/PIR-71009

25X1
25X1

CIA IMAGERY ANALYSIS DIVISION

OLOVYANNAYA ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	F1+	F2	F3	F4	F5	F6	F7	F8	F9	F10				
PREVIOUS DESIGNATION	F7						F11							
TDI SITE DESIGNATION	40	35	36	37	38	39	41	43	44	42				
MISSION / DATE	CONSTRUCTION STAGE													
	5													
	6B	5	5	5	6A	5	3	4A	5	4A				
	5													
	6B		5			5	4A	4A	5	4A				
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
		5	ID	5	6A	ID			ID					
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	ID													
	6B	ID	ID	ID	ID	ID	ID	ID	ID	ID				
										6A				
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	9													
	6B			ID	ID	9	ID	9	ID	ID				
		7	6A	6A	7				9					

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

TOP SECRET

25X1
25X1

CIA IMAGERY ANALYSIS DIVISION

OLOVYANNAYA ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	G1+	G2	G3	G4	G5	G6	G7	G8	G9	G10				
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	25	26	27	28	29	30	31	32	33	34				
MISSION/DATE	CONSTRUCTION STAGE													
	⁹ 6B	9	9	7	6A	6A	6A	6A	6A	6A				
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	⁹ 6B	9	9	7	ID	6A	7	6A	6A	7				
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	⁹ ID	9	9	9	9	9	9	9		9				
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID				
	ID	ID							ID	ID				
		9	9	9	9			9		9				
	^C 6B		9	9	9			9						

REMARKS:

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

X1

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CIA IMAGERY ANALYSIS DIVISION

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

LAUNCH SITE	H1+	H2	H3	H4	H5	H6	H7	H8	H9	H10				
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	46	47	49	50	57	45	51	48	52	58				
MISSION/DATE	CONSTRUCTION STAGE													
[Redacted]	5 6B	5	4A	4A	N	4A	5	4A	N	N				
	5 6B	5	5	4A				5						
	ID	ID	ID	ID		ID			ID					
						ID	ID							
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID			
							ID	ID						
	6A 6B	5	6A	6A	5				6A	5	5			
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID			
	9 6B	ID	ID	6A	ID	6A	7	ID	ID	6A				
							ID	7						

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

CIA IMAGERY ANALYSIS DIVISION

OLOVYANNAYA ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	J1+	J2	J3	J4	J5	J6	J7	J8	J9	J10			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	60	61	62	74	76	65	64	73	75	77			
MISSION/DATE	CONSTRUCTION STAGE												
	N												
	ID	N	N		N	N	N						
	ID	ID	ID	N	ID	ID	ID	N	N	N			
	6A 6B	5	ID	ID	ID	5	ID	5	ID	ID			
		6A				5	5	5					

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

OLOVYANNAYA ICBM COMPLEX

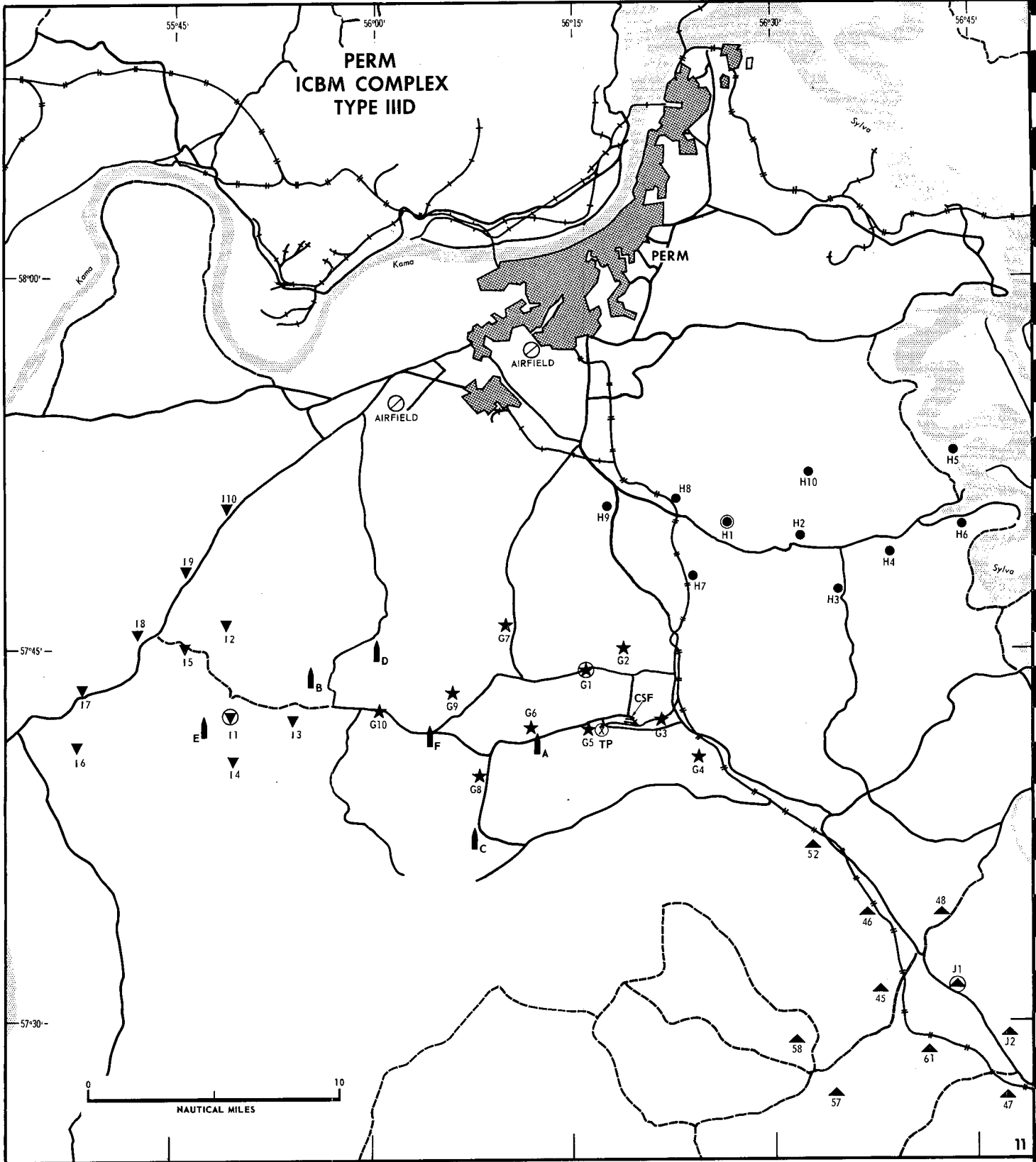
SITE CONSTRUCTION STATUS

LAUNCH SITE	K1+																			
PREVIOUS DESIGNATION																				
TDI SITE DESIGNATION	63	66	67	68	69	70	71	72	79											
MISSION/DATE	CONSTRUCTION STAGE																			
				N																
	N			1	N	N		N												
	ID	N	N	ID	ID	ID	N	ID	N											
		4A	1	5	5															
	ID	ID	ID	5	ID	ID	ID	ID	ID											
	5	6B	5	5	5	5	4A		4A	4A										

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

PERM ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	H1+	H2	H3	H4	H5	H6	H7	H8**	H9	H10			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	29	30	31	32	33	34	36	59	40	42			
MISSION/DATE	CONSTRUCTION STAGE												
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID			
	ID						ID		ID				
	9	9	9	9	9	9	7	ID	ID	ID			
							7		7				
									ID				
	⁹ 6B	9	9	9	9	9	7	ID	7	ID			
			ID	ID		ID							
										ID			
	ID 6B	9	ID	ID	9	9	9	ID	ID	ID			

* Probable site
 ** Possible site
 *** Suspect site
 N Negation
 ID Identification only
 C Completed site
 + Control site

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CIA IMAGERY ANALYSIS DIVISION

PERM ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	I1+	I2	I3	I4	I5	I6	I7	I8	I9	I10				
PREVIOUS DESIGNATION	4	11	3	16	10		17			18				
TDI SITE DESIGNATION	10	17	8	41	16	43	22	39	38	25				
MISSION / DATE	CONSTRUCTION STAGE													
	9	9	9	ID	9	ID	ID	ID	ID	ID				
	ID	9	ID	ID	9					9				
	ID	ID	ID	ID	ID	ID	ID	ID	9	ID				
	9	9	9	9	9		9	9	9	9				
	ID	9	ID	9	ID	9		ID	ID	ID				
	9 6B	9	9	9	9	9	9	9	9	9				
	TD			ID				ID		ID				
		9		ID	9					C	9			
	C 8	C	ID	ID	C	ID	ID	C		ID				

* Probable site
 ** Possible site
 *** Suspect site
 N Negation
 ID Identification only
 C Completed site
 + Control site

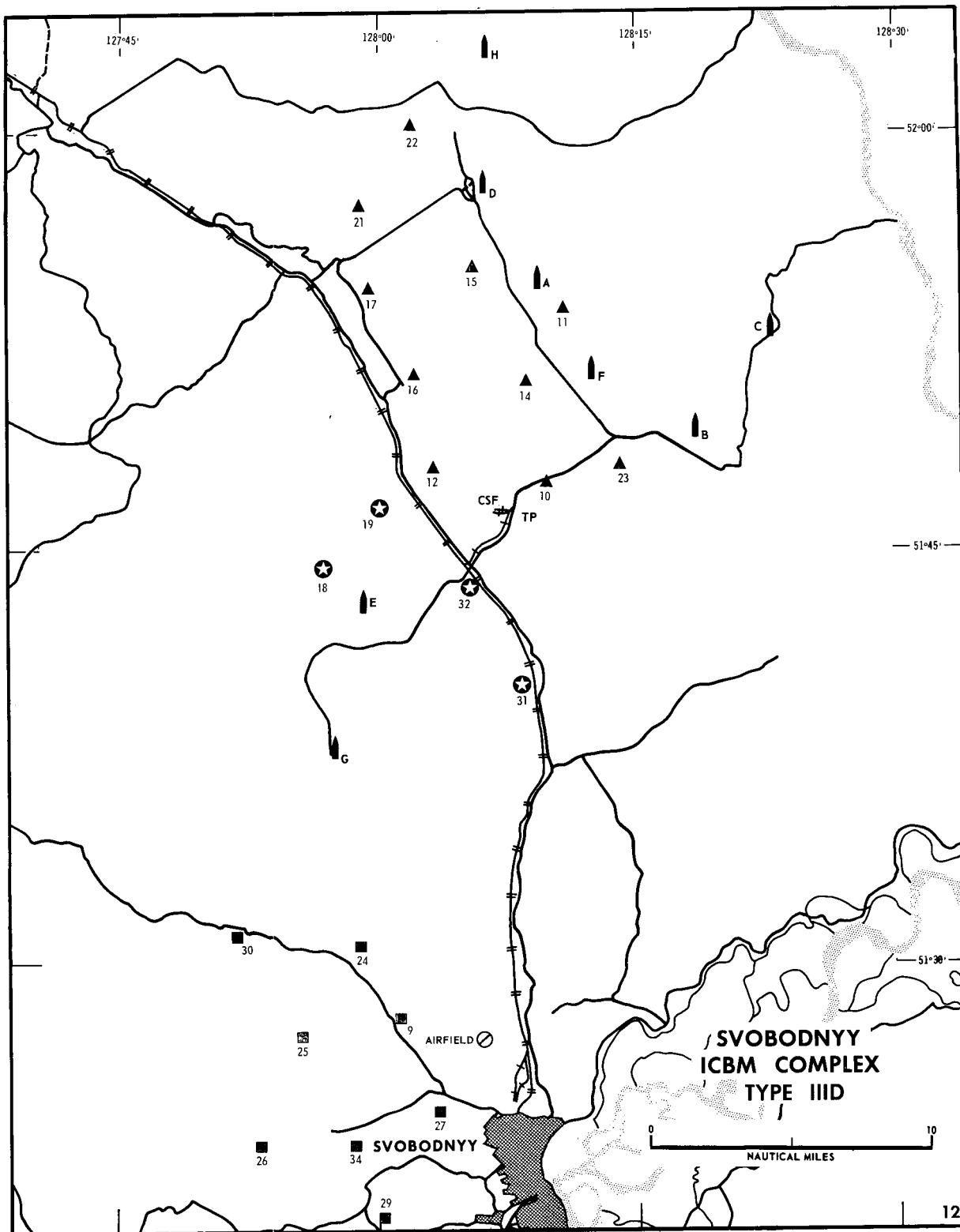
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CIA IMAGERY ANALYSIS DIVISION

SVOBODNY ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE																			
PREVIOUS DESIGNATION																			
TDI SITE DESIGNATION	10	11	12	14	15	16	17	21	22	23									
MISSION/DATE	CONSTRUCTION STAGE																		
	1	1	N	1	1	N				ID									
		1	1	1	1	1	N	N	N										
	ID	ID	ID	ID	ID					ID									
	5	5	5	5	5	5	5												
					7	5	5	4A	4A										
	ID	ID		ID						7									
	7		ID							ID	7								
	7	ID	7	ID		ID	ID	7	7										

REMARKS: Sites 10, 11, 14, 15 and 23 were negated on [redacted]

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

X1

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CIA IMAGERY ANALYSIS DIVISION

SVOBODNYY ICBM COMPLEX SITE CONSTRUCTION STATUS

X1

LAUNCH SITE																				
PREVIOUS DESIGNATION																				
TDI SITE DESIGNATION	18	19	31	32																
MISSION / DATE	CONSTRUCTION STAGE																			
	N																			
			N	N																
	1	N																		
	ID		ID																	
	7	7	7	7																

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Launch Site 18 is a possible control site.

TOP SECRET

25X1

X1

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CIA/PIR-71009

CIA IMAGERY ANALYSIS DIVISION

TATISHCHEVO ICBM COMPLEX SITE CONSTRUCTION STATUS

LAUNCH SITE	X+	A1+	A2	A3	A4	A5	A6	A7	A8	A9	A10		
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	35	1	2	3	11	5	6	7	8	9	10		
MISSION/DATE	CONSTRUCTION STAGE												
	ID												
				ID									
		9											
9	ID	6B	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
6B		ID	ID	ID	C	ID	ID	ID	ID	ID	ID	ID	ID
9													
6B													
	ID	ID	ID	ID		ID		ID	ID	ID	ID	ID	ID
9									ID		ID	ID	ID
6B		8	ID	C		C		ID	C	C	ID	ID	ID
9													
6B			C						C		C		C

X1

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

TATISHCHEVO ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	C1	C2	C3	C4	C5+	C6	C7	C8	C9	C10				
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	20	28	25	27	26	22	24	32	57	56				
MISSION/DATE	CONSTRUCTION STAGE													
	6A	9	ID	ID	9 6B	ID	9	9	9	9				
	6A	9	TD	TD	9 6B									
	6A	9	ID	6A	9 6B	ID	9	9	9	9				
			TD	7	TD		TD		ID					
		9												
	9	9	9	9	C 6B	9	9	9	9	9				

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

CIA IMAGERY ANALYSIS DIVISION

TATISHCHEVO ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	D1	D2	D3	D4	D5	D6+	D7	D8	D9	D10				
PREVIOUS DESIGNATION						C10								
TDI SITE DESIGNATION	38	40	39	41	42	36	73	72	54	37				
MISSION/DATE	CONSTRUCTION STAGE													
	ID													
		ID												
	ID	ID	ID	ID	ID	7 6B	ID	ID	ID	ID				
	ID	9	7	ID	ID	ID 6B	7	ID	ID	ID				
	ID				ID	ID 6B	ID		ID	ID				
	9	ID	9	9	9	9 6B	ID	9	9	9				

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

TATISHCHEVO ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	E1		E3	E4+										
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	45	82	47	77	76	100								
MISSION/DATE	CONSTRUCTION STAGE													
			N	N										
	ID		ID	ID										
	ID	N	ID	ID	N									
	ID	ID	5	ID 6B	ID	N								
	6A	5	6A	6A 6B	5	ID								
			6A			5								

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Site E1 was negated on [redacted]

TOP SECRET

CIA IMAGERY ANALYSIS DIVISION

TATISHCHEVO ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE	G1+		G4											
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	67	97	71	88	75	92	98	105	106	108*				
MISSION/DATE	CONSTRUCTION STAGE													
	5	N	ID	ID	N	ID	ID	N	N	N				
	7 4B	ID	ID	ID	ID	ID	5	ID	ID	ID				
	ID	ID	ID		ID	ID		ID						
								6A						
	9 6B	6A	7	9	7	9		7	7	ID				

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Sites G1 and G3 were negated on [redacted]
 Sites 71, 88, 92, and 98 were negated on [redacted]
 Suspect Launch Site G3 has been dropped.

CIA IMAGERY ANALYSIS DIVISION

**TATISHCHEVO ICBM COMPLEX
SITE CONSTRUCTION STATUS**

LAUNCH SITE	T1 +																		
PREVIOUS DESIGNATION																			
TDI SITE DESIGNATION	91	86	83	84	85	93	74	104											
MISSION / DATE	CONSTRUCTION STAGE																		
	ID	ID	ID	ID	N	ID	ID	N											
	ID	ID	ID	7	ID	ID	ID	ID											
		ID		7	ID	ID		ID											
	9 6B	6A	6A	7	6A	4A	6A	ID											

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Sites 91, 84, 83, 93, 86, and 74 were negated or

X1

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CIA IMAGERY ANALYSIS DIVISION

TYURATAM MISSILE TEST CENTER SITE CONSTRUCTION STATUS

LAUNCH SITE														
PREVIOUS DESIGNATION	G8	G9	K3											
TDI SITE DESIGNATION	N2	N3	N1		L1	L2	L3	L4	L5	L6	L7	L8	L9	L10
MISSION / DATE	CONSTRUCTION STAGE													
[Redacted]					C									
		C	C		6B	C			C	C	C			C
				C	6B		C	C				C	C	
					C									

X1

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Site N1 was complete on [Redacted] Sites N2 and N3 were complete on [Redacted]

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CIA IMAGERY ANALYSIS DIVISION

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TYURATAM MISSILE TEST CENTER SITE CONSTRUCTION STATUS

LAUNCH SITE													
PREVIOUS DESIGNATION		A3	B2			G7+							
TDI SITE DESIGNATION	I1+	I4	I5	K1	K2	K3+	I6	I2	I3		M1	M2	M3
MISSION/DATE	CONSTRUCTION STAGE												
						9							
						6B					3	3	
						9							
	C	C	C	9	9	6B	3	3	ID		3	3	3
				9	9		3	3	3		ID	ID	3
				ID	ID	8	3	3	ID		ID	ID	ID
				C	C	C					3	3	3
							3	ID			3	3	3
							3	3	3		3	3	3
											3	3	3
							ID	ID	ID		ID	ID	ID
											3	3	
							3	3	3		3	3	3
											3	3	3

25X1

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- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS: Sites I1, I4, and I5 were complete on [redacted]
Control Facilities at I1 were complete on [redacted]

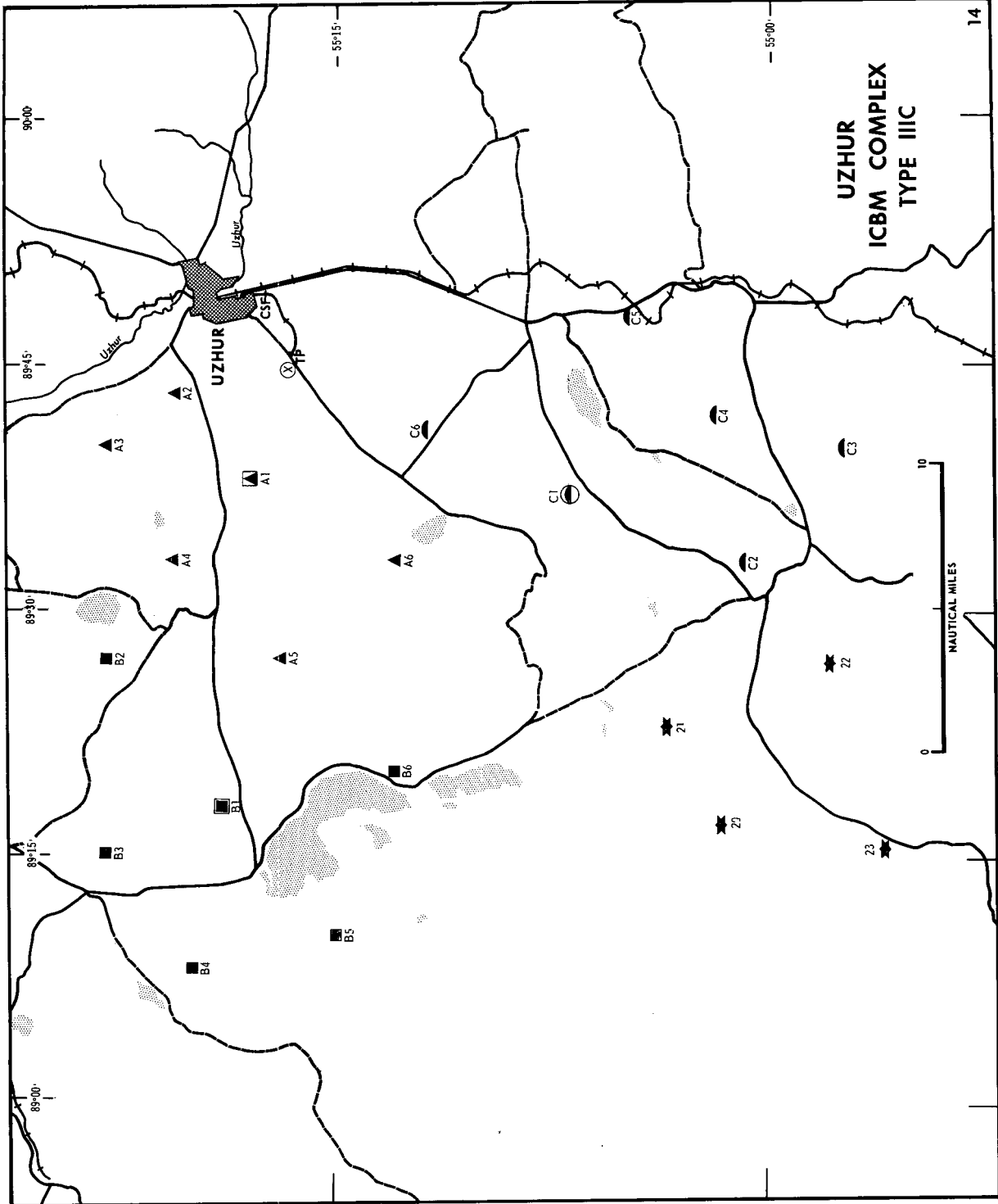
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CIA IMAGERY ANALYSIS DIVISION

UZHUR ICBM COMPLEX

SITE CONSTRUCTION STATUS

LAUNCH SITE	A1+	A2	A3	A4	A5	A6			B1+	B2	B3	B4	B5	B6	
PREVIOUS DESIGNATION	B	A	F	C	D	E			H	G	N	J	K	I	
TDI SITE DESIGNATION	2	1	6	3	4	5			8	7	14	10	11	9	
MISSION / DATE	CONSTRUCTION STAGE														
														ID	
	C								4A						
	8	C	C	C	C	C			6B	4A					
													ID	ID	ID
									ID	ID	4A	4A	ID		
													ID	ID	ID

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

UZHUR ICBM COMPLEX

SITE CONSTRUCTION STATUS

LAUNCH SITE	C1+	C2	C3	C4	C5	C6		X+							
PREVIOUS DESIGNATION	L	P	R	Q	O	M		S							
TDI SITE DESIGNATION	12	16	18	17	15	13		19							
MISSION/DATE	CONSTRUCTION STAGE														
	ID	ID	ID	ID	ID	ID		ID							
						ID		ID							
	ID 6B		ID	ID											
			ID			ID									
	6B	ID	4A			ID									
	7 6B		6A	6A	ID	6A		3							
	7 6B		ID			7		3							

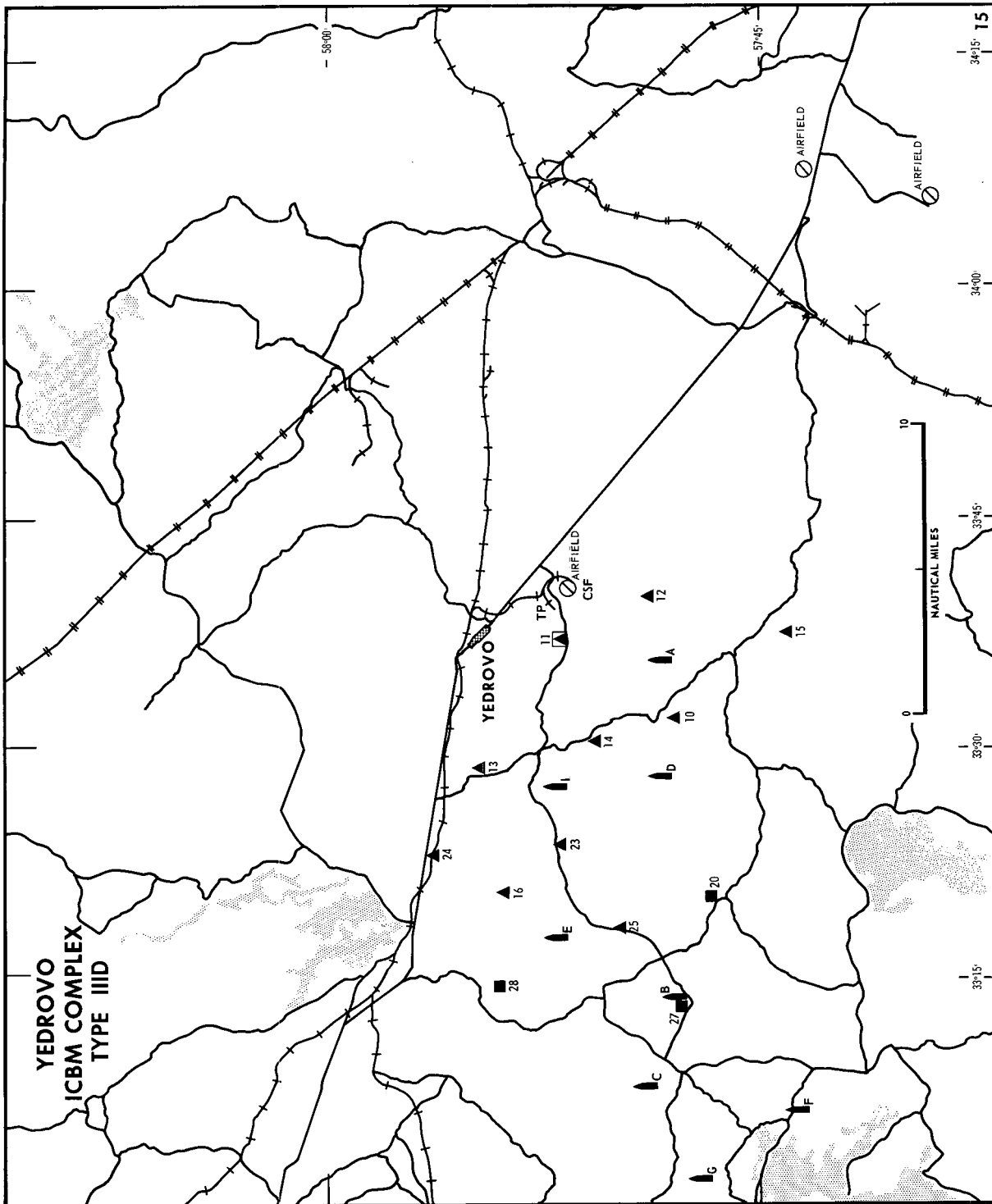
- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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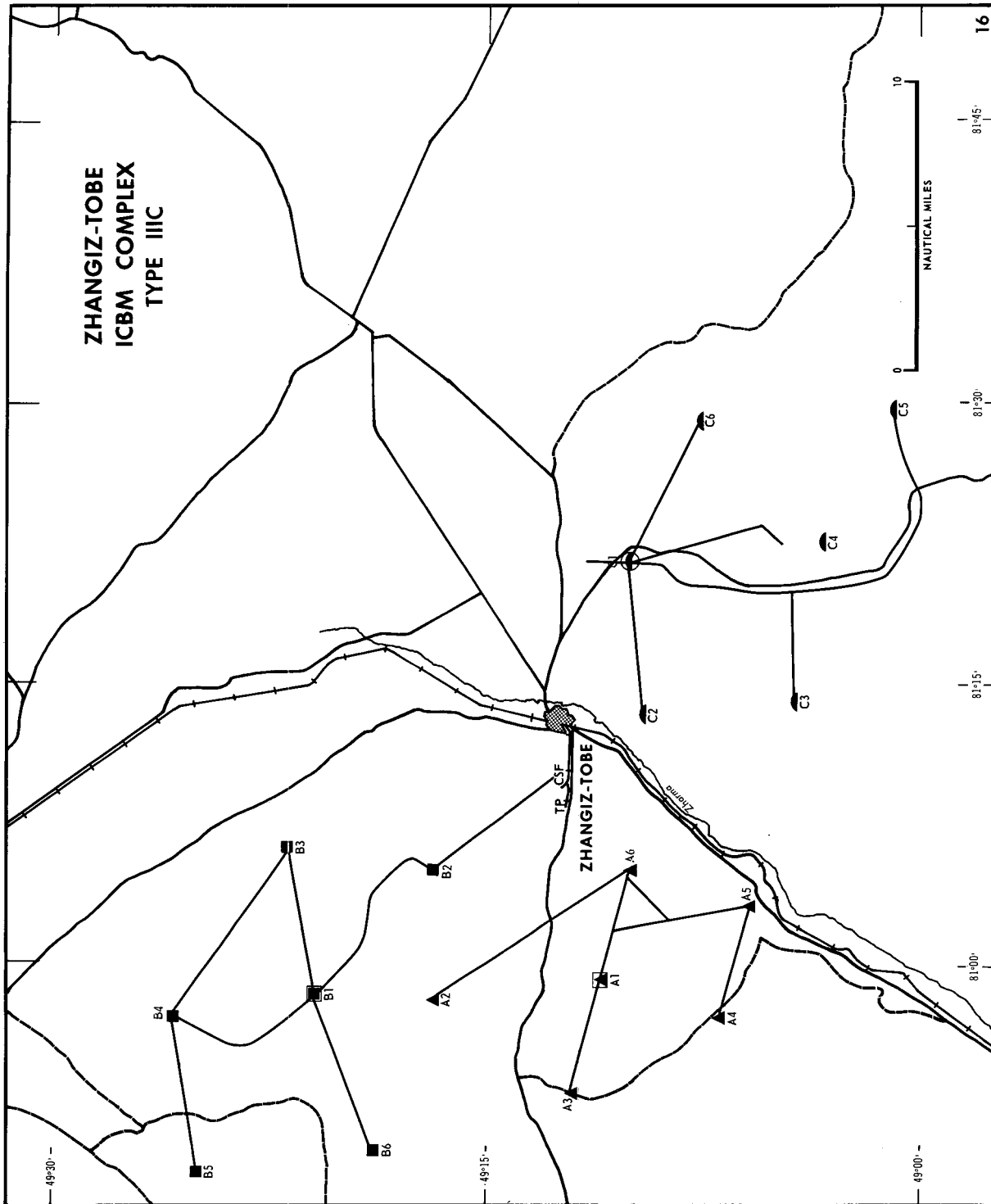
CIA IMAGERY ANALYSIS DIVISION

YEDROVO ICBM COMPLEX
SITE CONSTRUCTION STATUS

LAUNCH SITE																				
PREVIOUS DESIGNATION																				
TDI SITE DESIGNATION	11+	10	12	13	14	15	16	23*	24*	25*										
MISSION/DATE	CONSTRUCTION STAGE																			
	ID	N	ID	N	N	N	ID	N	N											
	ID	ID	ID	ID	ID	1	ID	1	1	ID										
	6A																			
	4B	4A	5	4A	4A	4A	ID	ID	ID	ID										
	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID										
	ID	ID	ID		ID	ID													ID	
	9																			
	6B	6A	6A			7														
	9																			
	6B	ID	ID	ID	ID					ID										

* Probable site
 ** Possible site
 *** Suspect site
 N Negation
 ID Identification only
 C Completed site
 + Control site

REMARKS: Sites 11, 12, 16, and 25 were negated on [redacted]
 Site 24 was negated on [redacted] Site II
 has an interferometer under construction.



CIA IMAGERY ANALYSIS DIVISION

ZHANGHIZ TOBE ICBM COMPLEX

SITE CONSTRUCTION STATUS

LAUNCH SITE	C1+	C2	C3	C4	C5	C6								
PREVIOUS DESIGNATION	M	N	P	Q	R	O								
TDI SITE DESIGNATION	14	13	18	16	17	15								
MISSION/DATE	CONSTRUCTION STAGE													
	1	N				N								
	ID	ID	1	N	N	1								
	ID	ID	1	1	1	ID								
	4A 4B	3	3	3	3	3								
	4A 6B	4A	4A	4A										
	4A 6B	4A	4A	4A	4A	4A								

- * Probable site
- ** Possible site
- *** Suspect site
- N Negation
- ID Identification only
- C Completed site
- + Control site

REMARKS:

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CIA IMAGERY ANALYSIS DIVISION

ALEYSK ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed
2	Confirmed
3	Confirmed
4	Abandoned
5	Confirmed
6	Confirmed
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed

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CIA IMAGERY ANALYSIS DIVISION

DOMBAROVSKIY ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed
2	Confirmed
3	Confirmed
4	Confirmed
5	Dropped
6	Confirmed
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	Confirmed
18	Confirmed
19	Confirmed
20	Undetermined Ground Scarring
21	Confirmed
22	Confirmed
23	Confirmed
24	Confirmed
25	Confirmed
26	Confirmed
27	Undetermined Ground Scarring

X1

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CIA IMAGERY ANALYSIS DIVISION

DROVYANAYA ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>	<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed (Type II-B Site)	35	Confirmed
2	Confirmed (Type III-A Site)	36	Confirmed
3	Confirmed (Type II-D Site)	37	Confirmed
4	Confirmed (Type II-D Site)	38	Confirmed
5	Confirmed (Type III-A Site)	39	Confirmed
6	Confirmed (Type III-A Site)	40	Confirmed
7	Confirmed	41	Confirmed
8	Confirmed	42	Suspect Site
9	Confirmed	43	Possible
10	Confirmed	44	Confirmed
11	Confirmed	45	Confirmed
12	Confirmed	46	Confirmed
13	Confirmed	47	Confirmed
14	Confirmed		
15	Confirmed		
16	Confirmed		
17	Dropped		
18	Confirmed		
19	Confirmed		
20	Confirmed		
21	Confirmed		
22	Confirmed		
23	Confirmed		
24	Confirmed		
25	Confirmed		
26	Confirmed		
27	Dropped		
28	Confirmed		
29	Confirmed		
30	Confirmed		
31	Confirmed		
32	Confirmed		
33	Confirmed		
34	Confirmed		

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CIA IMAGERY ANALYSIS DIVISION

GLADKAYA ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>	<u>TDI No.</u>	<u>Remarks</u>
1	Abandoned	37	Dropped
2	Confirmed (Type II-D Site)	38	Probable
3	Confirmed (Type II-D Site)	39	Confirmed
4	Abandoned	40	Confirmed
5	Confirmed (Type III-A Site)	41	Confirmed
6	Abandoned		
7	Confirmed		
8	Confirmed		
9	Confirmed		
10	Confirmed		
11	Confirmed		
12	Confirmed		
13	Dropped		
14	Confirmed		
15	Confirmed		
16	Confirmed		
17	Confirmed		
18	Confirmed		
19	Confirmed		
20	Confirmed		
21	Confirmed		
22	Confirmed		
23	Confirmed		
24	Confirmed		
25	Confirmed		
26	Possible		
27	Confirmed		
28	Confirmed		
29	Confirmed		
30	Possible		
31	Suspect Site		
32	Suspect Site		
33	Confirmed		
34	Confirmed		
35	Suspect Site		
36	Clearing in Woods		

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CIA IMAGERY ANALYSIS DIVISION

IMENI GASTELLO ICBM COMPLEX

TDI No.

Remarks

1	Confirmed
2	Confirmed
3	Confirmed
4	Confirmed
5	Confirmed
6	Confirmed
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	Confirmed
18	Confirmed
19	Confirmed
20	Confirmed
21	Confirmed

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CIA IMAGERY ANALYSIS DIVISION

KARTALY ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed
2	Confirmed
3	Confirmed
4	Confirmed
5	Confirmed
6	Confirmed
7	Confirmed
8	Confirmed
9	Dropped
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Dropped
17	Dropped
18	Confirmed
19	Confirmed
20	Confirmed
21	Confirmed
22	Agricultural Activity
23	Probable Agricultural Activity
24	Confirmed
25	Confirmed
26	Confirmed
27	Confirmed

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CIA IMAGERY ANALYSIS DIVISION

KOSTROMA ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed (Type II-B Site)
2	Confirmed (Type II-B Site)
3	Confirmed (Type II-B Site)
4	Confirmed (Type II-B Site)
5	Confirmed (Type III-A Site)
6	Confirmed (Type II-D Site)
7	Confirmed (Type II-D Site)
8	Abandoned
9	Confirmed
10	Probable
11	Probable Borrow Pit
12	Probable
13	Probable
14	Confirmed
15	Confirmed
16	Possible

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KOZELSK ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
1	Abandoned
2	Confirmed (Type II-C Site)
3	Confirmed (Type II-C Site)
4	Confirmed (Type II-C Site)
5	Confirmed (Type III-B Site)
6	Confirmed (Type III-B Site)
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	A Small Arms Range
14	Undetermined Ground Scarring
15	Probable
16	Confirmed
17	Confirmed
18	Confirmed
19	Probable
20	Possible
21	Probable
22	Confirmed
23	Undetermined Ground Scarring
24	Logging Activity
25	Possible
26	Possible
27	Probable Agricultural Activity
28	Confirmed
29	Confirmed
30	Probable
31	Undetermined Ground Scarring

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OLOVYANNAYA ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>	<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed (Type III-A Site)	37	Confirmed
2	Confirmed (Type III-A Site)	38	Confirmed
3	Confirmed (Type III-A Site)	39	Confirmed
4	Confirmed	40	Confirmed
5	Confirmed	41	Confirmed
6	Confirmed	42	Confirmed
7	Confirmed	43	Confirmed
8	Confirmed	44	Confirmed
9	Confirmed	45	Confirmed
10	Confirmed	46	Confirmed
11	Confirmed	47	Confirmed
12	Confirmed	48	Confirmed
13	Confirmed	49	Confirmed
14	Confirmed	50	Confirmed
15	Confirmed	51	Confirmed
16	Confirmed	52	Confirmed
17	Confirmed	53	Dropped
18	Confirmed	54	Dropped
19	Confirmed	55	Confirmed
20	Confirmed	56	Confirmed
21	Confirmed	57	Confirmed
22	Confirmed	58	Confirmed
23	Confirmed	59	Confirmed
24	Confirmed	60	Confirmed
25	Confirmed	61	Confirmed
26	Confirmed	62	Confirmed
27	Confirmed	63	Confirmed
28	Confirmed	64	Confirmed
29	Confirmed	65	Confirmed
30	Confirmed	66	Confirmed
31	Confirmed	67	Confirmed
32	Confirmed	68	Confirmed
33	Confirmed	69	Confirmed
34	Confirmed	71	Confirmed
35	Confirmed	72	Confirmed
36	Confirmed	73	Confirmed
		74	Confirmed
		75	Confirmed
		76	Confirmed

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OLOVYANNAYA ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
77	Confirmed
78	Confirmed
79	Confirmed

[Redacted]

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25X

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PERM ICBM COMPLEX

<u>TDI NO.</u>	<u>Remarks</u>	<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed (Type II-B Site)	34	Confirmed
2	Confirmed (Type II-B Site)	35	Confirmed
3	Confirmed (Type II-B Site)	36	Confirmed
4	Confirmed (Type III-A Site)	37	Dropped
5	Confirmed (Type II-D Site)	38	Confirmed
6	Confirmed (Type II-D Site)	39	Confirmed
7	Confirmed	40	Confirmed
8	Confirmed	41	Confirmed
9	Dropped	42	Confirmed
10	Confirmed	43	Confirmed
11	Confirmed	44	Dropped
12	Confirmed	45	Confirmed
13	Confirmed	46	Confirmed
14	Dropped	47	Confirmed
15	Confirmed	48	Possible
16	Confirmed	49	Confirmed
17	Confirmed	50	Undetermined Ground Scarring
18	Confirmed	51	Confirmed
19	Confirmed	52	Probable
20	Confirmed	53	Undetermined Ground Scarring
21	Dropped	54	Undetermined Ground Scarring
22	Confirmed	55	Undetermined Ground Scarring
23	Confirmed	56	Undetermined Ground Scarring
24	Dropped	57	Probable
25	Confirmed	58	Possible
26	Dropped	59	Possible
27	Dropped	60	Probable
28	Dropped	61	Possible
29	Confirmed		
30	Confirmed		
31	Confirmed		
32	Confirmed		
33	Confirmed		

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CIA IMAGERY ANALYSIS DIVISION

SVOBODNYI ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>	<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed (Type II-B Site)	32	Confirmed
2	Confirmed (Type II-B Site)	33	Equates to Site 19
3	Confirmed (Type II-B Site)	34	Confirmed
4	Confirmed (Type II-D Site)	35	Undetermined Ground Scarring
5	Confirmed (Type II-D Site)		
6	Confirmed (Type II-D Site)		
7	Confirmed (Type III-A Site)		
8	Confirmed (Type II-D Site)		
9	Confirmed		
10	Confirmed		
11	Confirmed		
12	Confirmed		
13	Equates to Site 10		
14	Confirmed		
15	Confirmed		
16	Confirmed		
17	Confirmed		
18	Confirmed		
19	Confirmed		
20	Dropped		
21	Confirmed		
22	Confirmed		
23	Confirmed		
24	Confirmed		
25	Confirmed		
26	Possible		
27	Confirmed		
28	Borrow Pit		
29	Confirmed		
30	Confirmed		
31	Confirmed		

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CIA IMAGERY ANALYSIS DIVISION

TATISHCHEVO ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>	<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed	42	Confirmed
2	Confirmed	43	Dropped
3	Confirmed	44	Equates to Site 56
4	Dropped	45	Confirmed
5	Confirmed	46	Dropped
6	Confirmed	47	Confirmed
7	Confirmed	48	Dropped
8	Confirmed	49	Dropped
9	Confirmed	50	Dropped
10	Confirmed	51	Confirmed
11	Confirmed	52	Agricultural Activity
12	Confirmed	53	Dropped
13	Confirmed	54	Confirmed
14	Confirmed	55	Equates to Site 37
15	Confirmed	56	Confirmed
16	Confirmed	57	Confirmed
17	Confirmed	58	Confirmed
18	Dropped	59	Probable
19	Confirmed	60	Agricultural Activity
20	Confirmed	61	Confirmed
21	Confirmed	62	Confirmed
22	Confirmed	63	Probable
23	Dropped	64	Agricultural Activity
24	Confirmed	65	Probable
25	Confirmed	66	Confirmed
26	Confirmed	67	Confirmed
27	Confirmed	68	Agricultural Activity
28	Confirmed	69	Agricultural Activity
29	Confirmed	70	Agricultural Activity
30	Confirmed	71	Confirmed
31	Dropped	72	Confirmed
32	Confirmed	73	Confirmed
33	Dropped	74	Confirmed
34	Dropped	75	Confirmed
35	Confirmed	76	Confirmed
36	Confirmed	77	Confirmed
37	Confirmed	78	Possible Agricultural Activity
38	Confirmed		
39	Confirmed	79	Agricultural Activity
40	Confirmed	80	Confirmed
41	Confirmed	81	Confirmed

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TATISHCHEVO ICBM COMPLEX

<u>TDI No.</u>	<u>Remarks</u>
82	Confirmed
83	Confirmed
84	Confirmed
85	Confirmed
86	Confirmed
87	Probable Agricultural Activity
88	Confirmed
89	Confirmed
90	Confirmed
91	Confirmed
92	Confirmed
93	Confirmed
94	Probable
95	Confirmed
96	Probable
97	Confirmed
98	Confirmed
99	Confirmed
100	Confirmed
101	Suspect Site
102	Suspect Site
103	Suspect Site
104	Confirmed
105	Confirmed
106	Confirmed
107	Agricultural Activity
108	Probable
109	Confirmed
110	Confirmed
111	Confirmed
112	Confirmed
113	Probable Agricultural Activity
114	Agricultural Activity
115	Confirmed

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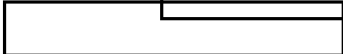
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UZHUR ICBM COMPLEX

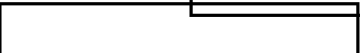
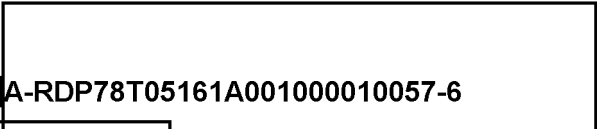
<u>TDI No.</u>	<u>Remarks</u>
1	Confirmed
2	Confirmed
3	Confirmed
4	Confirmed
5	Confirmed
6	Confirmed
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	Confirmed
18	Confirmed
19	Confirmed
20	Confirmed
21	Confirmed
22	Probable
23	Suspect Site

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YEDROVO ICBM COMPLEX

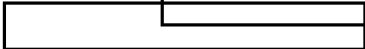
<u>TPI No.</u>	<u>Remarks</u>
1	Confirmed (Type II-B Site)
2	Confirmed (Type II-B Site)
3	Confirmed (Type III-A Site)
4	Confirmed (Type II-D Site)
5	Confirmed (Type II-D Site)
6	Confirmed (Type II-D Site)
7	Confirmed (Type II-D Site)
8	Confirmed (Type III-A Site)
9	Abandoned
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	Undetermined Ground Scarring
18	Agricultural Activity
19	Small Arms Range
20	Probable
21	Dropped
22	Logging Activity
23	Probable
24	Probable
25	Probable
26	Equates to Site 20
27	Possible
28	Possible
29	Track Activity

TOP SECRET

25X1

25X1

TOP SECRET



CIA/PIR-71009

CIA IMAGERY ANALYSIS DIVISION

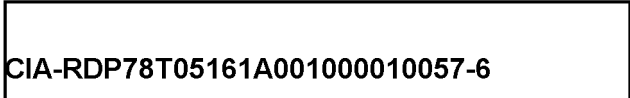
ZHANGIZ TOBE ICBM COMPLEX

TDI No.

Remarks

- 1 Confirmed
- 2 Confirmed
- 3 Confirmed
- 4 Confirmed
- 5 Confirmed
- 6 Confirmed
- 7 Confirmed
- 8 Confirmed
- 9 Confirmed
- 10 Confirmed
- 11 Confirmed
- 12 Confirmed
- 13 Confirmed
- 14 Confirmed
- 15 Confirmed
- 16 Confirmed
- 17 Confirmed
- 18 Confirmed

TOP SECRET



25X

25X

25X

25X

X1

25X1

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