

No. Pages: 18

~~TOP SECRET~~ [REDACTED]

COPY NO.: 29

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

RAILROAD YARDS AND SHOPS  
OMSK, USSR



HTA-M46-57

24 OCTOBER 1957

**CONTAINS SENSITIVE  
COMPARTMENTED INFORMATION**

DOCUMENT NO. 10  
NO CHANGE IN CLASS.  LI  
 DECLASSIFIED  
CLASS. CHANGED TO: TS 0102  
NEXT REVIEW DATE: \_\_\_\_\_  
AUTH: HR 70-2  
DATE: 070684 REVIEWER: 04931

WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY

CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

This document contains information usable only within the TALENT CONTROL SYSTEM. It is to be seen on a MUST-KNOW BASIS ONLY BY PERSONNEL ESPECIALLY INDOCTRINATED AND AUTHORIZED. Reproduction is prohibited unless approved by the originator.

Declass Review by  
NIMA/DOD

~~TOP SECRET~~ [REDACTED]

T  
A  
L  
E  
N  
T

**WARNING**

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

~~TOP SECRET CHESS~~

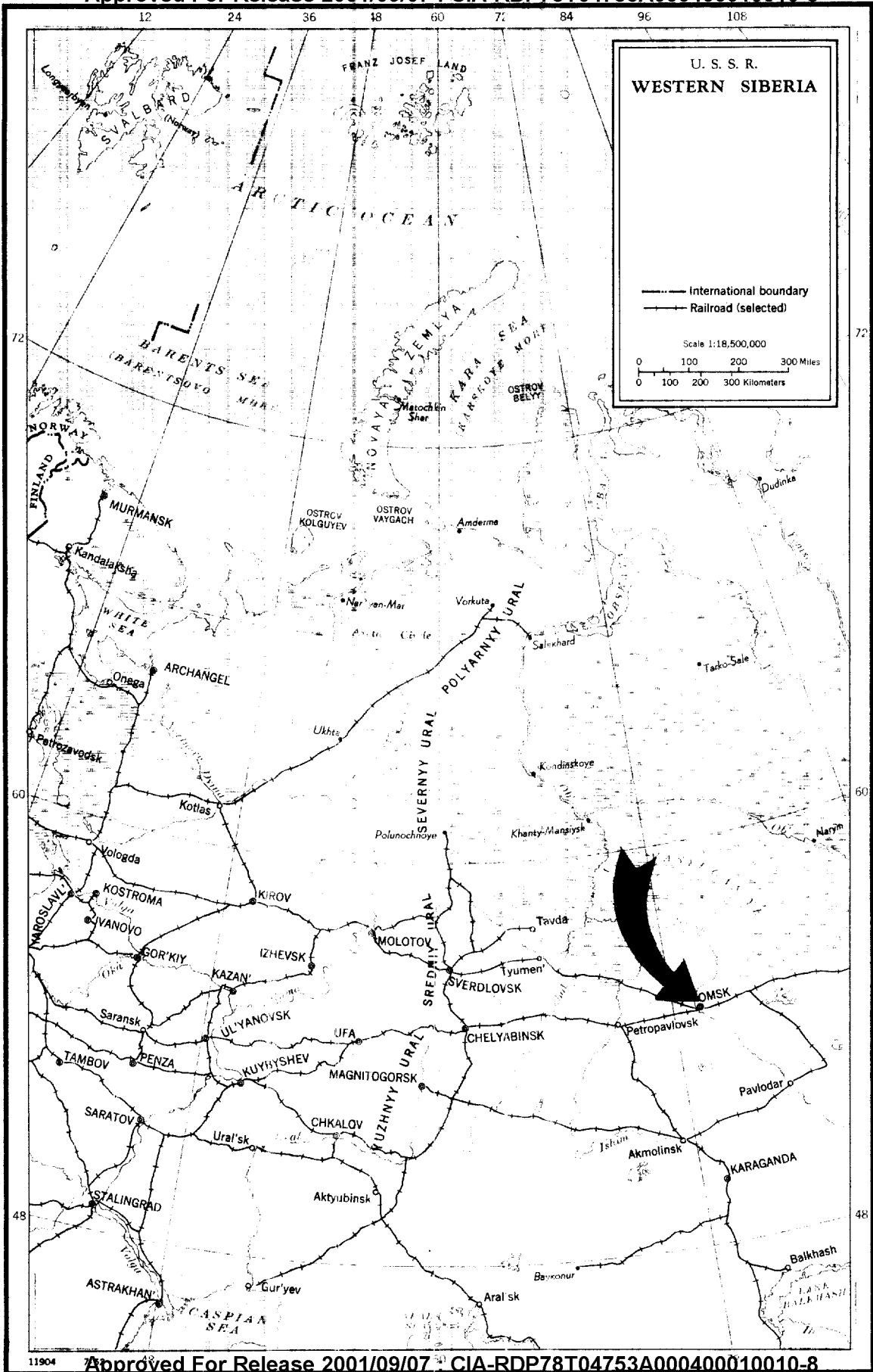
RAILROAD YARDS AND SHOPS

OMSK, USSR

HTA/M-46/57

24 October 1957

~~TOP SECRET CHESS~~



11904



HTA/M-46/57

Major components of the Omsk Railroad Yards and Shops are annotated on the following photographic mosaic and described in the accompanying key.

KEY TO ANNOTATIONS

OMSK RAILROAD STATION AND YARDS, "KULOMZINO"

1. Holding yard, maximum length 4200', effective length 2600', 15 tracks wide.
2. Control tower, 20'x 35'.
3. Three-track by-pass yard, maximum length 3800', effective length 3000'.
4. Passenger station, 50'x 110'.
5. Water tank, 35' diameter, storage section 35' to 40' high.
6. Highway viaduct.
7. Double railroad bridge, over the Irtysh River. North bridge, 2400' long, has 8 through-type steel truss spans and 2 deck-type inverted steel truss approach spans. South bridge 2380' long, has 6 through-type steel truss spans and 2 deck-type inverted steel truss approach spans.
8. By-pass rail line for eastbound freight traffic.

OMSK RAILROAD STATION, YARDS, AND SHOPS, MAIN

9. Holding yard for freight and warehouse area, 2300' long, 5 tracks wide.
10. Control tower and freight dispatch office, 20'x 20'.
11. Holding yard, maximum length 4000', effective length 2400', 18 tracks wide.
12. Control tower, 20'x 35'.
13. Control tower, 25'x 45'.
14. Freight warehouse and open storage area, 2000'x 700'. Five warehouses, 65'x 480', 60'x 315', 65'x 210', 60'x 315', and 65'x 130'; 15 sidings having total trackage of 19,250 feet.
15. Passenger station, 85'x 335', under construction. Completed section, now in use, measures 85'x 120'.

KEY TO ANNOTATIONS (continued)

16. Pedestrian walkways, 500' and 950' long.
17. Passenger yard, maximum length 3000', effective length 2600', 5-6 tracks wide.
18. Two car repair sheds; one 65'x 295' with two entering tracks and one 110'x 295' with three entering tracks.
19. Car repair shed, 75'x 360', with three through tracks.
20. Control tower, 20'x 35'.
21. Car repair shed, 70'x 205', with monitor roof. Has two through tracks. This shed and tracks are surrounded by a fence.
22. Water tank, 25' diameter, storage section 30' to 40' high.
23. Two tanks, 65' and 75' in diameter, and each 40' to 50' high. Adjacent four-track siding 900' long.
24. Turning wye, 300' usable turning length.
25. Coal storage area, 200'x 600'. No visible means for loading.
26. Steam and diesel locomotive repair shed, 140'x 310' and 10-12 stalls with tracks entering. Connecting shop 100'x 210'.

OMSK RAILROAD CLASSIFICATION YARDS, SOUTHEAST

27. Rail line from classification yard to passenger yard.
28. Signal bridge
29. Classification yard, maximum length 5200', effective length 3000', 27-30 tracks wide.
30. Two transloading sheds, 55'x 230' and 55'x 330'.
31. Inclined hump-track, 1800' long.
32. Five storage tracks, 1400' long.
33. Three tracks 3700' long within fenced area, for minor car repair and maintenance.
34. Rail line serving local industries in Omsk.



KEY TO ANNOTATIONS (continued)

35. Holding yard, for local distribution; maximum length 3500', effective length 2650', 7-8 tracks wide.

OMSK RAILROAD YARDS AND SHOPS, MOSKOVKA

36. Turning wye, 350' usable turning length.
37. Electric locomotive repair shed, 180'x 320', with three through tracks.
38. Electric locomotive light-repair and maintenance shed, 150'x 345', with 10-12 stalls; only three tracks pass through. Connecting shop 55'x 320'.
39. Small coal-storage area, approximately 100'x 900'.
40. Water tank, 35' in diameter, storage section 35'-40' high.
41. Receiving yard for eastbound traffic, maximum length 5500', effective length 3800', 7 tracks wide.
42. Forwarding yard for westbound traffic, maximum length 4700', effective length 2800', 12-14 tracks wide.
43. Car-repair and maintenance shed, 130'x220', with four through tracks and two connecting shops, 75'x 140' and 55'x 130'.
44. Classification yard, maximum length 3700', effective length 2400', 17 tracks wide, with one separate eastbound by-pass rail line.
45. Control tower, 20'x 30'.
46. Receiving yard for westbound traffic, maximum length 3800', effective length 2800', 7 tracks wide, with two through westbound and one through eastbound rail line.

Table 1. Description of Trains or Lines of 15 or more cars at Omsk, USSR.

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
-----------------------------------	-----------------------------------	---------------------------------------	---------------------------------------	---------------------------------------

Omsk Railroad Station and Yards, "Kulomzino"

55	2550	0	55 Hopper	1 Electric
57	2400	5 Gondola 13 Hopper	18 Box 21 Hopper	1 Electric
41	1750	3 Gondola 9 Hopper	9 Gondola 20 Hopper	None
50	2000	0	50 Hopper	None
52	2050	5 Hopper	3 Box 16 Gondola 28 Hopper	None
44	1750	6 Hopper	4 Flat 13 Gondola 21 Hopper	1 Diesel- Electric
39	1450	2 Gondola 14 Hopper	8 Gondola 15 Hopper	None
22	900	8 Hopper	14 Hopper	None
32	1000	24 Hopper	8 Hopper	None

Omsk Railroad Station, Yards, and Shops, Main

42	1800	3 Hopper	2 Flat 9 Gondola 13 Box 15 Hopper	1 Electric
60	2400	2 Box 11 Hopper	6 Box 6 Gondola 7 Flat 28 Hopper	None

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
36	1500	10 Hopper	4 Flat 6 Gondola 7 Box 9 Hopper	1 Steam
54	2700	0	20 Hopper 34 Box	None
40	1700	8 Hopper	2 Box 9 Gondola 21 Hopper	None
42	1600	6 Tank 12 Hopper	5 Tank 1 Flat 1 Gondola 5 Box 12 Hopper	None
15	470	3 Hopper	1 Flat 3 Box 8 Hopper	None
26	1000	2 Box 4 Hopper	6 Box 14 Hopper	None
42	1700	2 Box 1 Gondola 17 Hopper	1 Flat 1 Tank 1 Gondola 6 Box 13 Hopper	None
32	1450	2 Box 4 Hopper	6 Box 20 Hopper	None
16	1300	0	16 Passenger Coaches	1 Electric
14	1150	0	14 Passenger Coaches	1 Electric
15	800	0	15 Passenger	None

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
17	550	1 Tank 3 Box 3 Hopper	3 Box 3 Gondola 4 Hopper	None
18	700	0	4 Box 6 Tank 8 Hopper	1 Diesel- Electric
15	550	2 Flat 3 Box	1 Box 4 Flat 5 Gondola	None
15	500	10 Box	5 Box	None
20	750	3 Hopper 6 Box	1 Flat 4 Hopper 6 Box	None
25	1000	4 Hopper 6 Box	2 Flat 2 Gondola 5 Hopper 6 Box	None
30	1050	18 Flat	12 Flat	1 Diesel- Electric
25	700	3 Flat 3 Tank 17 Gondola	2 Gondola	None

Omsk Railroad Classification Yard, Southeast

17	540	6 Box 4 Hopper	4 Flat 3 Box	None
26	1200	5 Box	2 Flat 3 Gondola 6 Hopper 10 Box	None

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
27	1280	0	7 Box 20 Hopper	None
53	2300	3 Hopper	3 Tank 13 Hopper 34 Gondola	1 Electric
53	2300	4 Box 6 Hopper	6 Box 18 Gondola 19 Hopper	None
59	2500	4 Box 6 Hopper	5 Flat 6 Tank 10 Hopper 28 Gondola	1 Electric
40	1650	5 Box 7 Hopper	6 Box 10 Hopper 12 Gondola	None
43	1700	3 Box 20 Hopper	1 Tank 3 Box 6 Gondola 10 Hopper	None
55	2150	2 Box 5 Hopper	6 Tank 7 Gondola 35 Hopper	None
23	1100	0	6 Gondola 17 Flat	1 Diesel- Electric
25	1000	3 Box 5 Hopper	4 Box 5 Gondola 8 Hopper	1 Diesel- Electric
17	660	2 Hopper	3 Gondola 12 Hopper	None
58	2450	3 Box 12 Hopper	10 Gondola 33 Hopper	None

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
42	1500	2 Box 5 Hopper	2 Box 6 Gondola 27 Hopper	None
56	2100	2 Box 9 Hopper	4 Box 10 Gondola 31 Hopper	1 Diesel- Electric
47	1700	3 Box 5 Gondola 10 Hopper	5 Box 7 Gondola 17 Hopper	None
58	1900	5 Box 6 Gondola 14 Hopper	7 Box 9 Gondola 17 Hopper	None
43	1650	4 Box 5 Gondola 10 Hopper	6 Box 6 Gondola 12 Hopper	None
27	1150	0	3 Gondola 24 Hopper	None
26	1150	1 Gondola 5 Hopper	3 Gondola 17 Hopper	None
34	1300	2 Gondola 8 Hopper	2 Flat 4 Gondola 18 Hopper	None
43	1900	2 Box	6 Gondola 8 Box 27 Hopper	None
31	1250	5 Hopper 8 Box	6 Hopper 12 Box	None
16	850	5 Hopper 6 Box	2 Hopper 3 Box	None

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
63	2400	3 Box 3 Hopper	5 Box 7 Flat 12 Gondola 14 Tank 19 Hopper	1 Diesel- Electric
59	2400	3 Hopper 4 Box	6 Flat 10 Gondola 36 Hopper	1 Steam
<u>Omsk Railroad Yards and Shops, Moskovka</u>				
64	2700	5 Tank 4 Hopper 1 Box	5 Tank 4 Box 20 Flat 25 Hopper	1 Electric
60	2600	0	3 Tank 7 Box 12 Hopper 19 Flat 19 Gondola	1 Electric
66	2600	6 Box 14 Hopper	6 Box 6 Tank 34 Hopper	1 Electric
53	2450	0	53 Hopper	1 Electric
57	2450	15 Hopper	42 Hopper	1 Electric
50	2000	0	50 Tank	1 Electric
53	2450	0	53 Hopper	1 Electric
47	2200	0	47 Hopper	1 Electric
65	2650	15 Hopper	50 Hopper	1 Electric
59	2550	3 Hopper	4 Gondola 52 Hopper	1 Electric

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
63	2550	17 Hopper	9 Gondola 37 Hopper	1 Diesel- Electric
60	2350	14 Hopper	14 Gondola 32 Hopper	None
40	1750	4 Hopper	36 Hopper	None
61	2600	4 Box	57 Hopper	None
51	2350	0	4 Gondola 47 Hopper	None
49	2150	2 Box 4 Hopper	1 Flat 2 Box 40 Hopper	None
17	650	2 Box 3 Hopper	2 Box 2 Flat 2 Gondola 6 Hopper	None
50	2250	2 Box 3 Hopper	2 Box 10 Gondola 14 Flat 19 Hopper	1 Diesel- Electric
39	1600	3 Hopper	1 Box 9 Hopper 26 Gondola	None
67	2500	0	67 Tank	1 Electric
16	650	4 Hopper	6 Hopper 6 Gondola	None
52	2400	2 Hopper	1 Gondola 49 Hopper	None



Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
20	870	0	1 Flat 4 Tank 6 Gondola 9 Hopper	None
46	1900	2 Box 12 Hopper	4 Gondola 28 Hopper	None
39	1600	8 Hopper	6 Gondola 25 Hopper	None
79	3050	0	79 Tank	1 Electric
19	740	0	19 Tank	None
61	2600	18 Hopper	2 Gondola 41 Hopper	1 Electric
67	2750	6 Hopper	4 Gondola 20 Tank 37 Hopper	None
59	2500	8 Hopper	5 Gondola 10 Tank 36 Hopper	1 Electric
55	2300	12 Hopper	14 Tank 29 Hopper	1 Electric and 1 Steam
34	1300	1 Hopper	1 Hopper 32 Tank	1 Steam
<u>Holding Yard For Local Industry (Item 35)</u>				
21	950	1 Hopper	1 Tank 4 Gondola 15 Hopper	None
29	1250	7 Hopper	3 Gondola 19 Hopper	None

Table 1. Description of Trains or Lines of Cars at Omsk (continued)

<u>Cars in Train (number)</u>	<u>Length of Train (feet)</u>	<u>2-Axle Cars (no. and type)</u>	<u>4-Axle Cars (no. and type)</u>	<u>Locomotives (no. and type)</u>
60	2550	2 Box 13 Hopper	3 Box 10 Tank 32 Hopper	None
66	2700	1 Tank 17 Hopper	5 Tank 8 Gondola 35 Hopper	None
47	1950	2 Tank 8 Hopper	4 Tank 10 Flat 23 Hopper	None
23	1000	4 Hopper	2 Box 5 Gondola 12 Hopper	None
<hr/>		<hr/>		<hr/>
<b>Total 3,896</b>		<b>747</b>	<b>3,149</b>	<b>35</b>

Table 2. Railroad Cars at Omsk, by Type and Yard

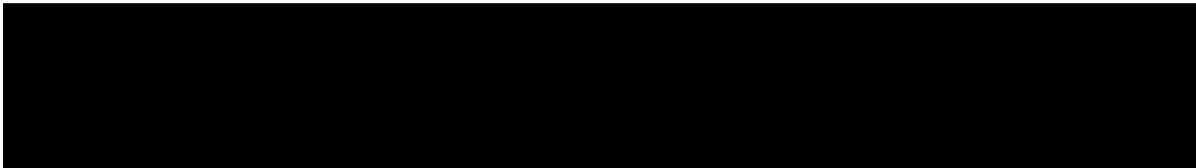
Yard	Hopper	Gondola	Tank	Box	Flat	Coach	Total
Kulomzino	311	56	0	21	4	0	392
Main	263	62	22	149	58	45	599
Southeast	576	227	30	165	43	0	1,041
Moskovka	1,082	122	314	43	57	0	1,618
Holding (Item 35)	186	20	23	7	10	0	246
<b>TOTAL</b>	<b>2,418</b>	<b>487</b>	<b>389</b>	<b>385</b>	<b>172</b>	<b>45</b>	<b>3,896</b>

Table 3. 2-Axle and 4-Axle Cars at Omsk, by Type of Car

Type of Car	2-Axle	4-Axle	Total Cars
Hopper	528	1,890	2,418
Gondola	47	440	487
Tank	18	371	389
Box	131	254	385
Flat	23	149	172
Pass. Coach	0	45	45
<b>TOTAL</b>	<b>747</b>	<b>3,149</b>	<b>3,896</b>

REQUIREMENT: Prepared in answer to RR/HTA/E/R35/57 requesting a description of the Omsk Railroad Yards and Shops, and a count of cars and locomotives present which are in trains or lines of cars of 15 or more.

25X1D



REFERENCE:

ATMP: 0163-9999-0-25A, 1st Ed., Aug 1953

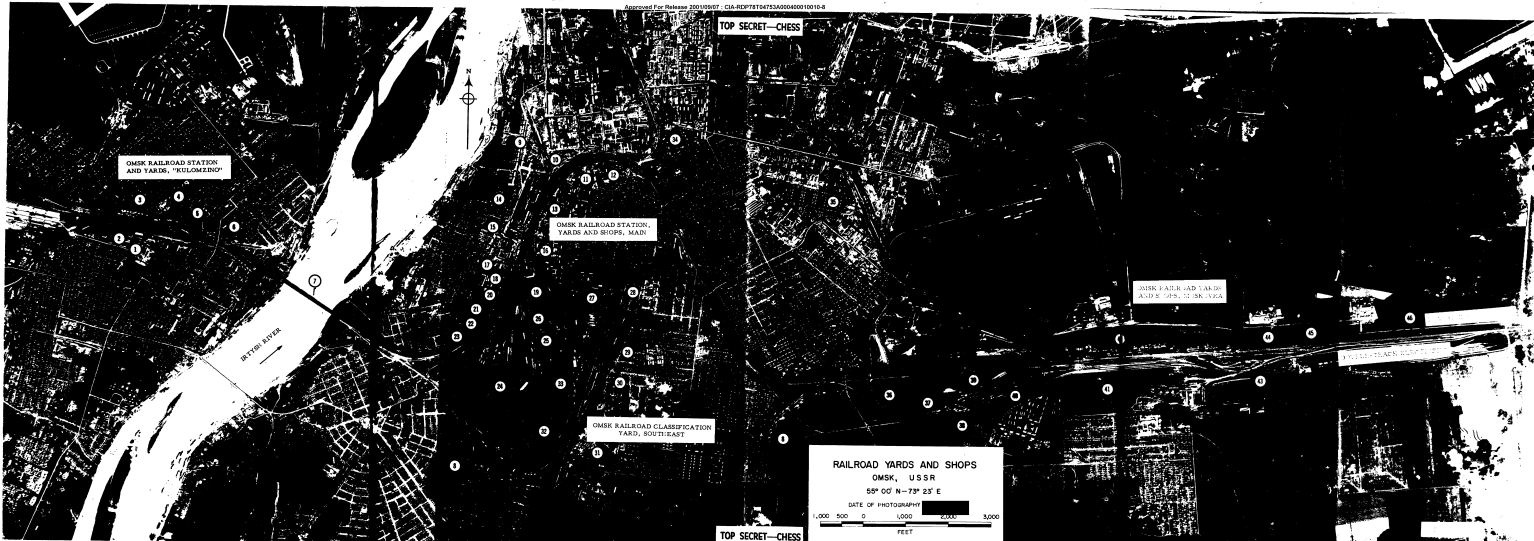
COORDINATES: 55°00'N - 73°23'E (Omsk)

25X1A

B. E. NUMBERS:



Omsk
Omsk Railroad Station and Yards, "Kulomzino"
Omsk Railroad Classification Yards and Shops, Southeast
Omsk Railroad Station and Yards, Main
None Omsk Railroad Yards and Shops, Moskovka



~~TOP SECRET~~ [REDACTED]

~~TOP SECRET~~ [REDACTED]

~~TOP SECRET~~ [REDACTED]