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No. Pages: 18

~~TOP SECRET~~ [REDACTED]

COPY NO.: 21

### MISSION COVERAGE SUMMARY

MISSION B 4048

21 AUGUST 1957



Declass Review by  
NIMA / DoD

HTA-MCS-25-57

2 SEPTEMBER 1957

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WAC & BE No.	Photo Ident.			Coordinates		Country	Qual.	Photo Point	Ref.	Description
	Cam.	Exp.	Time	Lat. N	Long. E					
162				52	76	USSR	G F G			YERMAK; oil storage; 5 tanks
162				52	76	USSR	G			YERMAK; small POL storage yard on Irtysh River; machine-tractor station; poss pipeline to south
162				52	77	USSR	G			U/i A/F S of PAVLODAR; 1 u/i light a/c; natural-surface runway with indefinite limits
162				52-14	76-58	USSR	G			U/i A/F at PAVLODAR; partial coverage; no a/c [REDACTED]
162				52	77	USSR	G			U/i RR station with siding, passing track, and branch leading north; construction activity in settlement to south
162				52	77	USSR	G			KORYAKOVKA; salt mine with loading structure and sidings, on branch RR line
162				52	77	USSR	G			U/i settlement with large machine-tractor station
162				52	77	USSR	G			U/i new settlement u/c
162				52	77	USSR	G			[REDACTED]
162				52	77	USSR	G			TAVOLZHAN; salt mine and town with loading structure and sidings, on branch RR line

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NOTE:

All exposure numbers are title numbers.  
Asterisk in "Ref." column signifies variation from ODE report.

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162				52	77	USSR	G			RR extension u/c; rough grading ends at USPENKA
162				52	77	USSR	G			USPENKA; warehouse area u/c
162				53	77	USSR	G			Lake Azhbulat
162				53	78	USSR	P			KARASUK (distant and blurred)
162				54	77	USSR	G			Passing track on RR line, TATARSK to SEMIPALATINSK
162				54	78	USSR	G			Malyye Chany Lake
162				54	78	USSR	G			RR u/c; fill and rough grading; alignment parallel to shore of Lake Sartlan
162				54	78	USSR	G to P			Lake Sartlan (far oblique)
162				55	78	USSR	G			
162				55	78	USSR	G			Trans-Siberian RR line

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162				55	77	USSR	G			KOSHKUL' station and 7-track yard on Trans-Siberian RR; pipeline running W and N from here; transformer station on RR siding, with pipeline u/c for 2½ miles SW
162				55	76	USSR	G			Large pipeline leading N to VENGEROVO area
162				55	76	USSR	G			VENGEROVO (far oblique)
162				55	75	USSR	G			Area N of TATARSK; small plant with stack and tank, located on pipeline leading north
162				55	75	USSR	G			Small plant with stack located at end of pipeline on Om' River
162				52	76	USSR	G			Sand pit along Irtysh River; 11 barges carrying sand
162				52	76	USSR	G			PAVLODAR; dock facilities, RR yards, extensive new construction activity
162				52	76	USSR	G			Possible atomic energy installation u/c N of RR yard; the area contains heavy security fences and tower; associated with this installation are 5 poss forced labor camps; each camp has a double security fence with guard tower and 8 to 15 barracks-type bldg; all track activity leads into new installation;

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										additional new construction with labor camps S of RR yard; steel-truss railroad bridge 2,200' long
162				52-14	76-58	USSR	G			Pavlodar East A/F; sod runway 5,000' x 3,000'; a/c: 8 u/1 s/e liaison type
162				52-15	76-58	USSR	G			Pavlodar A/F; sod runway 5,000' x 2,000'; a/c: 1 Colt, 9 Creeks
162				52	76	USSR	G			Poss explosives storage; 3 bldgs with double fence and guard tower
162				52	77	USSR	G			Poss salt mine at KARYAKOVKA
162				52	77	USSR	G			Large machine-tractor station
162				54	77	USSR	G			BAGAN
162				55	78	USSR	G			New road or RR u/c S of BARABINSK
162				55	78	USSR	G			Poss pipeline u/c along Trans-Siberian RR
162				55	78	USSR	G			BARABINSK; RR classification yard and shops; POL storage; light industries

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162				55-22	78-22	USSR	G			Barabinsk A/F; concrete runway 3,300' x 250'; a/c: 2 poss Creeks
162 163				55 55	78 73	USSR	G			Trans-Siberian RR; this electrified section of the RR has numerous transformer stations from BARABINSK to Omsk
162				55	78	USSR	G			KUYBSHEV; large power plant and another u/c; new construction activity
162				55 55 55	76 77 78	USSR	G			Poss oil pipeline from BARABINSK to CHANY
162				55	76	USSR	F			CHANY; storage areas with 15 large storage bldgs; new road u/c N of city
162 163				55 55	76 73	USSR	G			Poss oil pipeline from CHANY to OMSK
162				55	75	USSR	G			TATARSK; POL storage, 9 tanks plus 8 u/c, RR classification yards, transformer station
162				55	75	USSR	G			DMITRIYEVKA; transformer station
162				55	75	USSR	G			IVANOVKA; 2 storage areas and 1 transformer station
162				52	76	USSR	G			Poss new RR u/c

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162	[REDACTED]			52	76	USSR	G			Quay and log barge; 4 cranes; 3 other barges in river near PAVLODAR
162				52	76	USSR	G			U/i A/F near GRIGOR'YEVKA; sod landing area approx 8,000' x 6,000'; 103 barracks-type bldgs
162				54-21	77-20	USSR	G			Kupino A/F; concrete runway 6,800' x 180'; a/c: 16 poss Beagles; 22 poss u/i fighters; 1 ammo loading area
162				54	77	USSR	G			KUPINO
162				55	77	USSR	G			Poss pipeline u/c
162				55	78	USSR	G			Poss road u/c
162				55	77	USSR	G			KUYBSHEV [REDACTED]
162				52	78	USSR	G			BARABINSK [REDACTED]
162				52-22	78-22	USSR	G			Barabinsk A/F [REDACTED]
162	55	76	USSR	G			CHANY; transformer station			

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162				54	75	USSR	G			One lattice tower
162				54	75	USSR	G			One lattice tower
162				54	75	USSR	G			One lattice tower
162				54	75	USSR	G			KONESHINIKOVO
163				55	74	USSR	G			N of KALACHINSK; RR u/c; rough grading to N of KIRSANOVO village
163				54	73	USSR	G			[REDACTED]
163				54	73	USSR	G			U/i A/F SE of OMSK; 1 Colt; 8 u/i small a/c; natural surface approx 4,500' x 6,000'
163				54	73	USSR	G			OMSK, north edge of complex, with 8-gun heavy AA battery; RR line; prob military barracks group
163				54	73	USSR	G			NW perimeter of OMSK, with "Kirov" Agricultural Institute, residential and industrial areas near Om' River
163				54	73	USSR	G			OMSK, petroleum refinery complex with tank farm; water treatment plant u/c

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163				54-10	73-12	USSR	G			Rail-water transshipping point, with sidings and storage yards u/c N of KHARINA village on E bank of Om' River
163				54	73	USSR	G			Underwater pipeline to refinery
163				55	72	USSR	G			KRASNY YAR (far oblique)
163				55	72	USSR	G			LYUBINSKIY; town and RR yards in far oblique, with numerous settlements in area
163				55	72	USSR	G			ALEKSEYEVKA; town and RR yards with large warehouse area
163				53	71	USSR	G			Small secured storage area
163				53	71	USSR	G			Prob major rail line u/c
163				53	71	USSR	G			OZERO KOKSENGIRSOR
163				52	71	USSR	G			Track activity and open storage E of OZERO ATANSOR
163				52	71	USSR	G			

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163				55	74	USSR	G			Transformer station
163				55	74	USSR	G			KALACHINSK; machine-bldg plant, 18 POL tanks, agriculture storage, transformer station
163				54	74	USSR	G			KORMILOVKA; agriculture storage, transformer station
163				54	73	USSR	G			Transformer station
163				54	73	USSR	G			One 8-gun heavy AA battery
163				54-57	73-27	USSR	G			New A/F u/c; concrete runway approx 6,600' x 270'; runway and a/c plant connected by a concrete taxiway approx 2 miles long
163				54	73	USSR	G			Poss ammunition storage area; 4 warehouse-type bldgs within double-fenced area; 3 guard towers
163				54-57	73-26	USSR	G			Omsk East A/F; concrete runway 7,000' x 250' a/c: 2 Camels, 1 Crate, 1 Cab; A/F is connected with a/c plant
163				54	73	USSR	G			OMSK; heavy industry complex; ammunition plant and depot; rubber plant; POL storage; dock facilities on Om River; two RR bridges 2,300' in length, steel truss, over Om River; one beam-type highway bridge 2,300' in length; another highway bridge u/c; much new construction activity

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163				54-57	73-21	USSR	G		*	Omsk Southwest A/F; new concrete runway 8,000' x 270'; a/c: 48 Beagles; 16 MIG-17; 4 Crates; 1 Coach; 6 Cabs; 5 Colts; 10 Creeks; 4 s/e u/i; 1 Hound
163				54	73	USSR	G			Two 8-gun heavy AA batteries
163				53	72	USSR	G			VESTEREK; prob major rail line u/c; spur to large secured warehouse area u/c; 2 prob secured vehicle-storage areas
163				52	71	USSR	G			Small flood-control dam u/c; new settlement adjacent; numerous bldgs u/c
163				52	71	USSR	G			[REDACTED]
163				54	73	USSR	G			Military camp and training area; 3 8-gun AA batteries; 1 occupied, 2 unoccupied
163				53	72	USSR	G			U/i town; several small secured storage areas; 1 large secured area (prob MTS)
163				53	72	USSR	G			KONDYBAY; several large warehouses, new ones u/c
163				53	72	USSR	G			U/i town; small secured area with 16 warehouse-type bldgs and poss excavation for large bldg
163				53	72	USSR	G			VESTEREK; 2 vehicle-storage areas; vehicles in excess of 100

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163				52	72	USSR	G			Poss military encampment with small prob triple-fenced area
163				52	72	USSR	G			[REDACTED]
163				52	72	USSR	G			STALINSKIY; 5 small secured areas; open pit mining; warehouse and/or barracks area
238				50-23	77-57	USSR	F			Large marker in form of cross inside triangle; fragments of roads and few scattered bldgs seen through heavy clouds, oriented with shores of a lake
238				50	77	USSR	F			Spiral disturbance of cloud cover
238				51	77	USSR	P			Small lakes
238				51	71	USSR	F			NOVO-RYBINSKOYE
238				50	73	USSR	F			ROSTOVSKOYE
238				49	72	USSR	F			Very large coal-mining and processing area, including some secured areas SW of KARAGANDA
238				49	73	USSR	G			[REDACTED]

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238				50	77	USSR	P			Triangle with sides 650' in length and a cross in the center, prob in drop area of AE proving ground (see camera [redacted])
238				51	71	USSR	G			AKMOLINSK; large RR marshalling yard; several rail-served secured storage areas; extensive build-up in residential areas; numerous industries undergoing expansion, many rail-served; new large secured storage area; POL storage area; secured vehicle storage area
238				49	73	USSR	F			Maximum security area (small, only 3 bldgs) N of KARAGANDA; small open-pit mine nearby
238				49	73	USSR	F			Maximum security area (2 large and 2 small heavily revetted bldgs with vents in roofs)
238				49	73	USSR	G			[redacted]
238				49	73	USSR	G			KARAGANDA; numerous secured areas; mining facilities; new residential areas; expanding industrial areas; extensive construction activity; electronic facility
238				49	73	USSR	F			[redacted]
238				49	73	USSR	F			Poss exploration drillings

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238				48	74	USSR	P			
238				48	74	USSR	G			
238				51	76	USSR	G			Small u/i town on rail spur; small u/i industry prob associated with salt-chemical industry
238				52	71	USSR	F			DZHALAMBET; 70% cloud cover; small secured area; open-pit mining
238				50	72	USSR	F			Small classification yard, poss 4 tracks; 8 warehouse-type bldgs near town of VISHNEVKA; strip mining and a dam
238				50	72	USSR	G			Small classification yard; approx 4 tracks
238				50	73	USSR	P			
238				49	72	USSR	P			Large classification yard with approx 23 tracks just N of KARAGANDA approx 50% occupied; partial cloud cover
238				49	72	USSR	F			KARAGANDA; partial cloud cover; revetted storage double fenced (other revetted storage scattered throughout); secured area; classification yard and prob repair shed; POL 8 tanks

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244				47	75	USSR	G			[REDACTED]
244				47	75	USSR	G			U/i new town (near VOL'FRAM); extensive mining exploration; numerous mine shafts; secured storage areas; rail-served
244				46	75	USSR	G			Rail-served secured storage area (revetted) near Kounrad copper mine
244				46-53	75-00	USSR	G			Balkash A/F; graded earth runway approx 4,800' x 180'; 1 Coach/Crate; approx 12 warm-up scars; poss repair facilities; poss electronic facility
244				46	75	USSR	G			BALKASH; large secured industrial installation u/c; extensive expansion of residential area; maximum secured area with numerous barracks u/c; new port facilities (also [REDACTED])
244				46	75	USSR	G			Approx 29 storage-type bldgs
245				46	75	USSR	G			KOUNRADSKIY; copper and molybdenum mines and associated shops
245				46-53	75-00	USSR	F			Balkhash A/F [REDACTED]
245				46	74	USSR	G			BALKHASH; secured areas; large smelting and refining complex, 3 secured areas with guard towers; docking facilities on the lake; POL storage with 8

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										tanks; 3 or 4 classification yards, approx 6 tracks; rail turn-around and prob repair sheds [REDACTED]
245				44	74	USSR	G			ULL; isolated desert installation; poss research center; small open-pit mine; one maximum security area; several secure storage areas; much track activity; numerous vehicles; excellent road toward southern tip of Lake Balkash; at least 8 T-shaped trenches spaced along one road for a distance of approx 15 miles; these trenches appear to be oriented toward a common point, and are connected by poss pipeline or cable trench
328				43	74	USSR	G			ESPE
328				43	74	USSR	F			Small u/i town; maximum security storage area (poss explosives); numerous holes and trenches (see [REDACTED])
328				43	74	USSR	F			CHU
328				43	74	USSR	F			[REDACTED]
328				43	74	USSR	F			TASTUMSUK
328				43	74	USSR	G			Large machine-tractor station at USEPENSKOYE [REDACTED]

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328	[REDACTED]			42	74	USSR	G			ANTONOVKA; W of FRUNZE
328				42-53	74-32	USSR	G			Frunze Northwest A/F (see [REDACTED])
328				41	74	USSR	G			ORAL
328				43	74	USSR	G			Large machine-tractor station at SHOKPAR; new dam u/c nearby
328				43	74	USSR	G			Small u/i town; maximum secured area; numerous parallel trenches and series of holes; poss mining exploration
328				43	74	USSR	G			Large machine-tractor station at USEPENSKOYE [REDACTED]
328				43	74	USSR	G			Numerous small towns in extensively cultivated area in Chu River Valley
328				43	74	USSR	G			FRUNZE; marshalling yard; numerous expanded industries; residential areas u/c
328				42-53	74-32	USSR	G			Frunze Northwest A/F; sod field; 2 graded-earth runways, each approx 4,000' x 400'; 9 MIG-type, 77 trainers, 1 repair hangar, several service bldgs, POL storage area [REDACTED]

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328				42-51	74-35	USSR	G			Frunze A/F; 2 parallel graded-earth runways approx 5,500' x 190'; 5 Cabs, 2 Coach/Crates, 4 Creeks, 6 Colts; no hangars
328				42	74	USSR	G			Maximum security area u/c; also a double fenced secure area
328				41	74	USSR	G			Mining camp u/c; numerous mining explorations S of CHAYEK
328				41	74	USSR	G			Mining explorations
328				43	74	USSR	G			Series of approx 28 parallel trenches and holes; also 20 warehouse-type bldgs
328				43	74	USSR	G			Two u/i towns
328				43	74	USSR	G			Prob military encampment or prob mining activity; poss A/F
328				43	74	USSR	G			GEORGIYEVKA; prob hydroelectric station; secured installation with guard towers; poss research center
328				43	74	USSR	G			Three hydroelectric stations along new canal, 2 u/c; 1 dam; barracks and/or admin areas
328				42	74	USSR	G			KANT

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328				42-51	74-51	USSR	G			FRUNZE; hydroelectric station on canal; other u/i light industry and installations
328				42	74	USSR	G			Kant A/F; one runway 6,000' x 700'; second runway u/c; 44 MIG-type a/c; approx 12 large crates on field may contain a/c
329				42	75	USSR	F G			RR u/c in mountain terrain; rough grading in progress
329				42	75	USSR	F G			Settlements and passing tracks on RR line in mountain gorge (partly cloud-covered)
329				42	75	USSR	G			U/i town and three settlements in mountain valley
329				42	75	USSR	G			BYSTROVKA; hydroelectric plant and transformer station; u/i industries
329				42	75	USSR	G			Poss uranium mining near KOCHKORKA; double-fenced security area; 4 lattice-antennae communications station; power line coming into area; drill scars appear over large area; new construction
329				42	75	USSR	G			U/i A/F near BURANE; approx 30 u/i a/c
432				33-46	74-06	USSR	G			U/i A/F near PUNCH; sod runway 2,000' x 100'; no a/c observed

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