

No. Pages: 11

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COPY NO.: 11

MISSION COVERAGE SUMMARY

MISSION B 4045

21 AUGUST 1957



HTA-MCS-23-57

31 AUGUST 1957

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CENTRAL INTELLIGENCE AGENCY

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Date of Photography 21 August 1957 Report No. HEA-MCS-23-57

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WAC & BE No.	Photo Ident.			Coordinates		Country	Qual.	Photo Point	Ref.	Description
	Cam.	Exp.	Time	Lat. N	Long. E					
158			25X1D	56	87	USSR	G		1	U/1 settlement on RR line; 8-track RR yards; saw mills
158				56	86	USSR	G			Log raft at junction of Chulym and Kiya Rivers
158				57	86	USSR	G			Two houses with rectangular trench surrounding them
158				57	85	USSR	G			Minor lumbering activity along Chulym River
158				57	84	USSR	G			Lumbering activity
158				57 57	83 84	USSR	G			Lumbering activity
158				56-45	84-42	USSR	G			SAMUS'; lumbering activity and approximately 17 barges; 8-gun heavy AA battery; possible missiles in lieu of guns; barracks storage, bunkers, radar
158				56	84	USSR	G			MORYAKOVSKIY ZATON; barges, dredges, lumbering activity
158				56	84	USSR	G			Lumbering activity
158				56	86	USSR	G			ZYRYANSKOE; 2 small piers on navigable Kiya River; 14 barges on river

References:

1. All exposure numbers are title numbers.

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158			25X1D	56	86	USSR	G			9 possible POL storage tanks
158				56	86	USSR	G			Numerous log rafts on Chulym river
158				57	86	USSR	G			ASINO; port on Chulym river; sawmill, log storage, log rafts; 2 possible secured areas
158				56	85	USSR	G			Extensive logging activity
158				56	84	USSR	G			BELOBORODOVO; atomic energy installation, 40 square miles in area; numerous railroads, roads, canals, and conduits; power plant, nuclear reactors, gaseous diffusion plants; construction of completely new facilities
158				56	84	USSR	G			Probable forced labor camp; 7 barracks-type buildings within walled and fenced area; 4 guard towers along wall
158				56	84	USSR	G			Extensive logging activity
158				56	86	USSR	G			Possible mining activity; one secured area near-by, probably used to store explosives
158				56	86	USSR	G			Rail spur and mine tailings; numerous rail cars

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158			25X1D	57	86	USSR	G			Possible tractor and vehicle plant
158				57	86	USSR	G			Two possible secured areas
158				57	86	USSR	G			Mining activity with rail spur
158				57	86	USSR	G			Small reservoir under construction
158				56	85	USSR	G			Forced labor camp
158				56	84	USSR	G			Possible ore-processing plant
158				56	84	USSR	G			8-gun heavy AA battery
158				56	84	USSR	G			Lumber mill
158				56	84	USSR	G			Power line clearing through woods
158				56	84	USSR	G			TOMSK; port area; approximately 14 barges, several tug boats; saw mills; lumber stored in open; log rafts in Tom' River; several new plants under construction

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158			25X1D	56	84	USSR	G			Mining activity along Tom' River
158				56-31	84-58	USSR	G		*	TOMSK A/F; 2 sod runways each 5000' x 300'; a/c: 2 Cabs, 1 Crate/Coach, 7 Colts, 10 Mules, 7 Hares
158				56	84	USSR	G			Possible ore-processing plant
158				56	84	USSR	G			U/i secured area, possibly underground; approximately 12 guard towers
158				56	84	USSR	G			Possible military training area
158				56	84	USSR	G			U/i town complex; classification yard; several small industrial plants
161				52	84	USSR	G			U/i small plant under construction, between road and stream
161 & 158				55 56	87 87	USSR	G			Logging activity; 5 probable forced labor camps, 2 with secured work areas
161				55	84	USSR	G			U/i town; small tank farm with approximately 12 tanks of various sizes
161				52	84	USSR	G			Possible microwave relay station

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161			25X1D	55	87	USSR	G			Logging activity
161				55	87	USSR	G			Extensive logging activity
161				55	87	USSR	G			Small explosives magazine, revetted and fenced
161				55	87	USSR	G			5 probable forced labor camps; each area is walled and fenced with guard towers
161 158				55 56	86 86	USSR	G			Probable forced labor camps; approximately 25 double-fenced areas w/approximately 12 bldgs in each; guard towers in corners of compound
161 158				55 56 56 56	86 86 85 84	USSR				Extensive logging activity
161				55	87	USSR	G			Possible landing ground
162				55	83	USSR	G			Secured area; 1 large and 1 small building
162				55 56	82	USSR	G			NOVOSIBIRSK; large RR classification and repair yard; large steel complex; ammunition plant and storage facilities with 21 revetted bldgs, 95 warehouse-type, 20 barracks-type, 10 administration-type bldgs (several of the bldgs have either single or double fencing and guard towers are found throughout the area);

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WAC & 3E No.	Photo Ident.			Coordinates		Country	Qual.	Photo Point	Ref.	Description
	Cam.	Exp.	Time	Lat. N	Long. E					
	25X1D									large housing area; mine and processing plant with 4 revetted, double-fenced bldgs; small boat-construction yard
162				55-04	82-55	USSR	G			Novosibirsk North A/F; runway has concrete surface for 3,000' and is extended 1,000' with earth surface; a/c: 41 Coach/Crates, 6 Cabs, 14 Creeks, 19 u/i s/e, 1 possible Hare, 1 possible Hound; 8-gun heavy AA, occupied, approx 8,000' west of field
162				55-00	82-42	USSR	G		*	Novosibirsk West A/F; old field has 2 runways each 3,000' long; new field has 7,200' runway; a/c: 2 possible Camels, 1 Badger, 76 Mig-type, 7 Beagles, 5 Hares, 11 Cabs, 3 Coach/Crates
162				55-00	82-26	USSR	G			CHIK; u/i fenced area; also small fenced area; warehouse-type buildings along rail line
162				55-01	82-12	USSR	G			KOCHENEVO
162				54-26	82-45	USSR	G			Sod A/F; 5,000' runway; 22 liaison-type a/c
162				53	83	USSR	F			U/i RR station with 4-track yards; lumber storage
162				53-49	83-33	USSR	P			TALMENKA; one or more sawmills with logs stored in oxbow lake; lumber yards, RR yards and sidings; mostly cloud covered.

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162			25X1D	53	83	USSR	P			Ob' River, main channel west of BARNAU; 90% cloud cover
162						USSR				Cloud cover
162				52	82	USSR	F			KHLOPUNOVO; RR station with 4-track yard
162				55	83	USSR	G			Logging
162				55	83	USSR	G			U/i installation u/c and probable railroad u/c
162				55	83	USSR	G			Probable POL storage area u/c
162				55	83	USSR	G			U/i A/F; sod runway 4,000' x 600'; 18 possible Creeks, 1 possible Colt
162				55	83	USSR	G			One 8-gun heavy AA position u/c
162				55	82	USSR	G			Possible sludge pile
162				55	83	USSR	G			One 8-gun heavy AA position; probably unoccupied

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162			25X1D	55	82	USSR	G			NOVOSIBIRSK; industrial complex; steel fabricating and munitions combine; ship building, optical instrument plant; aircraft plant; other industries; new construction on the southern edge of town
162				55-05	83-01	USSR	G			Novosibirsk NE A/F; concrete runway 7,000' x 240'; a/c: 128 possible Farmers, 4 Cabs, 1 Beagle, 1 MIG-15, 1 u/i s/e, 1 possible Hare; airfield is adjacent to a/c plant
162				55	83	USSR	G			Possible atomic energy installation
162				55	83	USSR	G			Two 8-gun heavy AA positions, one of which is occupied
162				55	82	USSR	G			Two RR bridges; one is a double-track, steel-truss bridge 3,000' long and one a single-track steel-truss 2,800' long; one reinforced-concrete highway bridge 5,800' long
162				54	82	USSR	G			Probable radio station; one large lattice tower
162				54	82	USSR	G			Probable power line u/c
162				54	82	USSR	G			Large communications center, 7,200' x 1,950' in area; 15 large lattice towers and 24 small lattice towers; 2 transmitter bldgs; a single security fence encloses the area

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162			25X1D	54	82	USSR	G			Small military camp; approximately 50 tents, 1 administration bldg., 6 probable barracks
162				54	83	USSR	G			40 large and 8 small probable POL storage tanks
162				54	83	USSR	F			U/i A/F near INSKAYA; sod runway; a/c: 37 u/i s/e liaison type
162				54	83	USSR	G			ISKITIM; city complex; possible limestone quarries; logging; power plant; new construction
162				54	83	USSR	G			Possible pipeline and u/i installation u/c
162				54	83	USSR	G			POSEVNAYA; city complex
162				54	83	USSR	G			CHEREPANOVO; city complex; strip mining activity
162				54	83	USSR	G			Double-fenced storage area with guard post; 10 large and 4 small warehouse-type buildings
162				53	83	USSR	P			TAL'MENKA; city complex; sawmill; lumber storage
162				53	83	USSR	G			Storage area with 7 revetments, possibly u/c

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162			25X1D	53	83	USSR	F			BARNAUL; city complex (heavy cloud cover)
162				55	83	USSR	G			KANDAVROVO; town complex; new construction; rail facilities
162				55	83	USSR	G			U/i town complex
162				55	83	USSR	G			NOVOSIBIRSK; city complex; large rail-classification yard; 6 large warehouse-type bldgs in woods w/possible rail spur u/c; possible storage area w/security fence and guard towers, 44 warehouses in the compound; several industrial plants
162				55	82	USSR	G			Possible GM research area; several possible electronic sites in area
162				54	82	USSR	G			Hydroelectric plant; earth-fill dam; new canal with 3 locks u/c
162				54	83	USSR	G			U/i A/F near INSKAYA; sod runway; a/c: 37 u/i s/e liaison
162				54	82	USSR	G			POL area; 40 large tanks, 8 smaller tanks
162				54	82	USSR	G			One small secured area w/4 bldgs near NOVOSIBIRSK

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162			25X1D	55	83	USSR	G			NOVOSIBIRSK; city complex
162				54	83	USSR	G			ISKITIM; town complex; limestone quarry; logging and saw mill industry; new construction; lime plant
162				54	83	USSR	G			POL storage; 3 large tanks, approximately 7 small tanks
162				53	83	USSR	G			CHESNOKOVKA; town complex; steel fabrication plant; mining activity
239				51	84	USSR	G			SOLORESHNOYE; 5-span arch highway bridge
239				51	81	USSR	G			POPELIKHA; 6-track RR yard; grain elevator; warehouse area with sidings, probable clay pit and ceramics sheds
239				51	81	USSR	F			U/i warehouse group on RR spur
239				51	81	USSR	G			RR station with warehouse group on siding; 4-track yard
239				51	81	USSR	G			Small classification yard with 5 large warehouse-type bldgs alongside; secured area with 17 spaced bldgs; 2 small secured areas
239				51	81	USSR	G			RUBTSOVSK; several u/i industries and 2 probable secured ammunition-storage areas; small classification yard; 13 large warehouses

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239			25X1D	51	81	USSR	G			VESELOYARSK; partial coverage; small classification yard (see camera 7, exposures 681-683)
239				50	80	USSR	F			Probable new settlement on the Irtysh River, approximately 20 NM NW of SEMIPALATINSK
239				50	80	USSR	P			Small warehouse area; 17 small buildings
239				49	81	USSR	G			GEORGIYEVKA; small city
239				51	82	USSR	F			NIKOLAYOVSKOYE
239				51	82	USSR	G			Machine-tractor station
239				51	82	USSR	F			Machine-tractor station
239				51	81	USSR	G			VESELOYARSK
239				50	80	USSR	P			Explosives storage; 2 revetted bldgs with security fences and guard towers
239				50	80	USSR	P			SEMIPALATINSK; (heavy cloud cover); new construction activity; possible power plant u/c

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239			25X1D	51	83	USSR	G			CHARYSHSKOYE; town complex
239				50	80	USSR	G			Double-fenced storage area w/2 revetted bldgs and guard towers in corners
239				50	79	USSR	F			SEMPALATINSK; new construction activity; port facilities; good rail facilities
239				50	79	USSR	G			Sempalatinsk A/F; concrete runway 10,000' x 250'; a/c: 7 Coach/Crates, 2 Badgers, 3 Beagles, 9 MIG-type, 4 Cabs, 10 Liaison, 1 Hound
239				50	79	USSR	G			Large rail-served special-weapons storage adjacent to Sempalatinsk A/F
244				46-13	78-56	USSR	G			LEPSA; POL storage yard; RR yard
244				47	79	USSR	G			KIZYL-KIYSKIY; crossroads; Tansyk RR station
244				47	80	USSR	G			Raz'yezd Dzhilandy RR station
244				47	80	USSR	G			U/i settlement
244				46	78	USSR	G			U/i settlement along Lake Balkash; 1 large pier u/c and 1 small pier; 1 possible ferry and 9 small craft

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244			25X1D	46	78	USSR	G			Probable radar and communications center; 4 buildings and 2 towers within fenced area which is surrounded by ditch; probable power line
244				46	78	USSR	G			Possible landing ground (see also camera 8, frames 7-8)
244				45	78	USSR	G			USH-TOBE; city complex
244				45	78	USSR	G			New road bridge u/c on the Bidzhe River
244				44	77	USSR	G			Mining activity
244				43	77	USSR	G			Possible ammunition storage; 5 revetted buildings, double-fenced, with 3 guard towers
244				43	77	USSR	G			Large communications installation; 2 transmitter bldgs, 1 u/c; 9 large lattice towers with 4 additional towers u/c; 17 smaller lattice towers; numerous pole-type antennae (see camera 6, frames 966-967)
244				46	78	USSR	G			ULGY; town complex
244				46	78	USSR	G			Ferry facilities both sides of Lake Balkash; possible ferry on N side; several small craft; wharf under construction N side

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244			25X1D	46	78	USSR	G			Possible landing ground 2,000' long; natural surface (see also camera 7, frames 863-864)
244				47	79	USSR	G			Agricultural area; very large fields
244				45	78	USSR	G			Possible irrigation ditch under construction
244				45	78	USSR	G			MULALY; town complex; POL storage; 13 tanks; warehouses; rail facilities
244				44	77	USSR	G			NAURUZBEK; town complex; farm machinery depot; rail facilities; storage facilities
244				44	78	USSR	F			SARY-OZEK; town complex
329				43	77	USSR	G			ILI; city complex, small dock facilities; 7 barges and 2 piers; 10 POL storage tanks; steel-truss RR bridge; steel-truss highway bridge
329				43	77	USSR	G			Two u/i buildings within fenced area
329				43	77	USSR	G			Possible communications installation with 12 pole-type antennae; small military camp with 30 tents and 4 barracks-type buildings
329				43	77	USSR	G			Large communications installation; 2 transmitter bldgs, 1 u/c; 9 large lattice towers with 4 additional towers u/c;

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			25X1D							17 smaller lattice towers; numerous pole-type antennae (see camera 7, frames 966-967)
329				43	77	USSR	G			Military camp and training area; 55 tents and 25 barracks-type bldgs
329				43-21	76-54	USSR	G		*	Alma-Ata NW A/F; sod runway 4,000' x 250'; a/c: 2 Cabs
329				43	76	USSR	G			ALMA-ATA (see also camera 7, frames 971-978)
329				43	76	USSR	G			Possible sand pits
329				43	76	USSR	G			KASKELEN; city complex
329				42	77	USSR	G			Possible water-purification plant within fenced area; 2 large warehouse-type buildings
329				43-25	77-02	USSR	G			U/i A/F N of ZAKIROVSKIY; sod-surface landing ground 4,000' x 1,500'; a/c: 13 u/i s/e trainers
329				43	77	USSR	G			Large fenced communications center, 2,200' x 2,400'; 1 transmitter bldg; 10 warehouse-type antennae; approximately 6 small antennae; 4 possible antennae u/c outside of fence

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329			25X1D	43	77	USSR	G			Possible military school and training area; 4 institution-type bldgs; 9 barracks-type bldgs; 1 Crater; 1 u/i s/e, probably used for training purposes
329				43-23	76-59	USSR	G		*	Alma-Ata North A/F; 6,600' x 2,000' sod runway; a/c: 2 s/e trainers; 4 revetted bldgs within double-fenced security area
329				43-22	77-01	USSR	G			Alma-Ata A/F; packed earth runway, 4,600' x 700'; a/c: 16 Coach/Grates, 14 Cabs, 10 Colts; 9 Creeks, 1 Hound
329				47	76	USSR	G			ALMA-ATA; torpedo plant, machinery plant, RR repair plant, military barracks, radio station with lattice-type antennae; numerous industries; new construction activity
329				42	77	USSR	G			Probable secured military area with 7 tents, 2 single-story bldgs, 1 pier
329				42	77	USSR	G			Mining activity and probable ore-processing near KADSHI-SAY; double-fenced probable explosives storage area; u/i storage and activity along beach
329 and 335				40	77	CHINA	G			Mountain range
329				43	77	USSR	G			Circular-type DF communications station; power source in secured compound approximately 12,000' away

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329			25X1D	43	77	USSR	G			TALGAR
329				42	77	USSR	G			High pressure hydro-electric plant in mountain area
335				39-27	76-04	CHINA	F			Zang Karavul A/F; earth runway approximately 6,000' long; 4 possible u/i a/c
335				39	75	CHINA	F			SU-FU; several u/i industries
335				39	76	CHINA	F			SU-LO; surrounded by wall
335				39	76	CHINA	F			AKHTUR BAZAR
335				39	76	CHINA	G			BACHANG AGHZI
335				39	76	CHINA	G			KUYEK; farm village
335				39	76	CHINA	G			KALTA YAILAK; large farm village

* Description at variance with ODE report.

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