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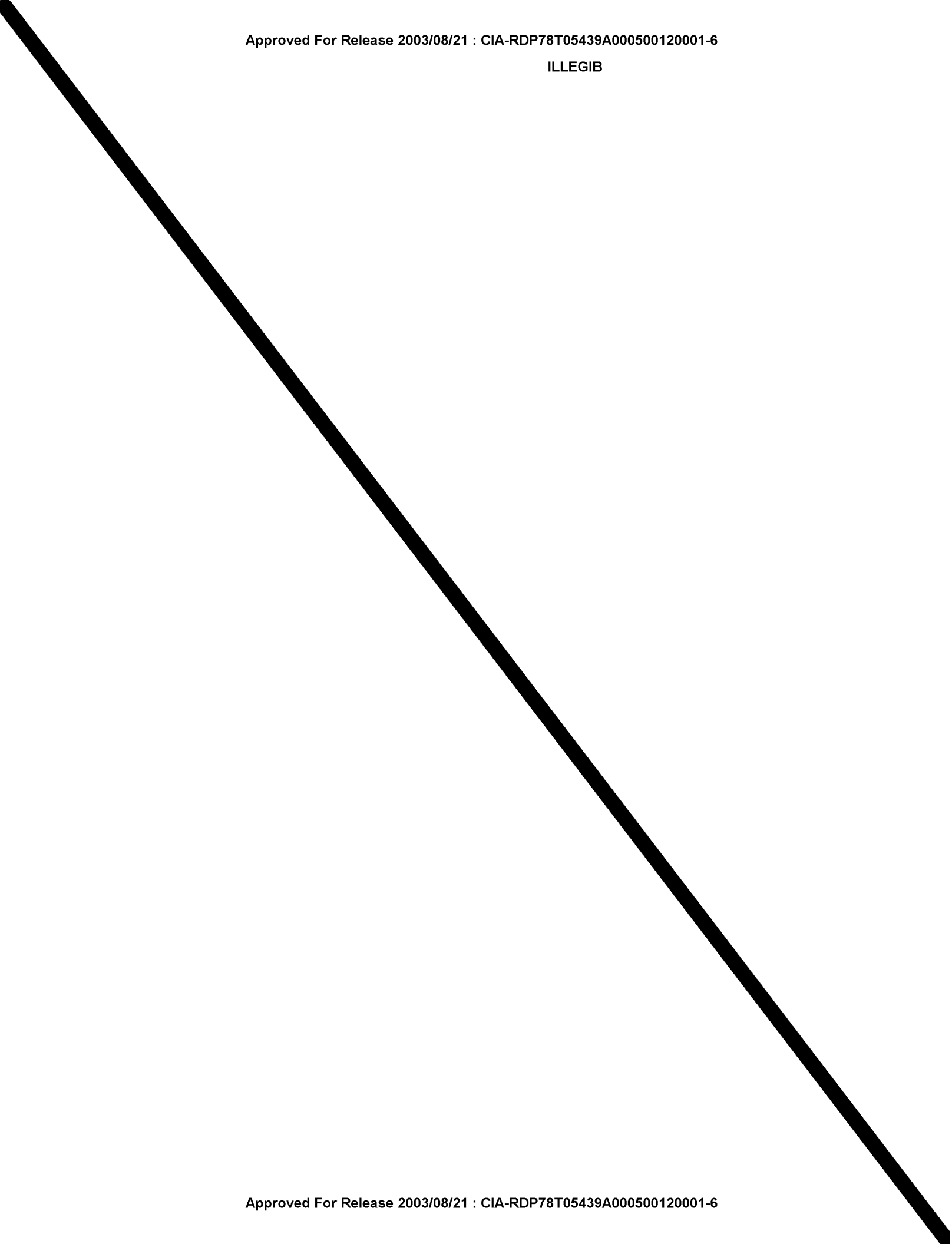

Place	Coordinate	Capable of accomodating approximately
*Kan hsien	2551/11455	2 Regts
*	2551/11456	Regt
Lo chi	2508/11827	Div
*Lung chi	2429/11732	Div
Nei tang	2755/11456	Regt
Pan tu	2[illegible]/11807	Regt
*Shen chiang	2436/11758	Regt
*Shui tou	2440/11825	2 Regts
Shih ching	2438/11821	2 Regts
Tai kou	2620/11930	Regt
Tung an	2444/11809	Div
Tai yu chieh	2502/11816	Regt
Tung ho	2450/11819	Div
WAC 499		
Fu-chou	2699/11919	Regt
*Fu-chou	2608/11917	Regt
Fu chou	2602/11917	Regt
Fu chou	2605/11918	Regt
Fu chou	2606/11916	Regt
Han chiang	2529/11906	Regt
Kuan chuang	2531/11912	Regt
*Lien chang	2612/11932	Div
Po lan	2549/11918	Regt
*Pu tien	2529/11902	Div
Tang yang	2618/11930	2 Regt
WAC 553		
Dzongsa Dzong	2706/8853	2 Regts
Yatung	2728/8854	Regt

Place	Coordinate	Capable of accomodating approximately
WAC 555		
Chien chuan	2632/9954	Div
Ching k'ou	2454/9853	Regt
*Hsia kuan	2536/10012	Div
* Hsia kuan	2536/10012	2 Regts
Kan yai	2447/9804	2 Regt
Lung ling	2442/9850	Div
* Mang shih	2422/9833	Div
*Mi tu	2521/10028	Div
* Pao shan	2507/9908	Regt
* Ta li	2542/10009	Regt
* Teng chung	2505/9828	Div
Wei hsi	2712/9914	Regt
Wei hsi	2711/9914	Regt
Wu chia chuang	2612/10013	Regt
Yung ping	2528/9932	Regt
WAC 556		
Che li	2220/10048	Div
Chiang cheng	2232/10145	2 Regts
Fo hai	2156/10027	Div
* Keng ma	2333/9924	Div
* Meng la	2128/10134	Div
Meng so	2238/9937	Regt
Meng so	2238/9935	Regt
* Mien ning	2353/10006	Div
Nan chiao	2201/10015	Regt
Nan sang	2348/9851	Regt
Po shang	2343/10002	Div

Place	Coordinate	Capable of accomodating approximately
*Shuang chiang	2328/9949	Div
Shuang chiang	2329/9949	Div
*Ssu mao	2247/10059	Div
Ssu mao	2247/10058	Div
Tsang yuang	2309/9915	Regt
WAC 614		
*Ao hsia	2302/11420	Regt
*Chang chi	2343/11652	2 Regts
*Chang mu tou	2253/11401	Div
*Chao an	2340/11641	Div
*Chao an	2341/11637	Div
Chao an (Pu tou fou)	2337/11646	Regt
*Cheng hai	2328/11648	Regt
*Chieh yang	2335/11621	Regt
*Chieh yang	2336/11620	Div
*Ching tang	2314/11405	Div
*Chung shan	2221/11335	Regt
Chung tzu ying	2257/11412	Regt
Fo shan	2301/11307	Regt
Hai feng	2254/11521	Regt
Hai feng hsien	2259/11521	2 Regt
Ho p'o hsu	2328/11520	Regt
Ho yuan	2342/11440	Div
*Hsia ho	2315/11425	Regt
Hsieh chou	2339/11650	Regt
Hsing kung	2300/11552	Regt
*Hui yang	2305/11423	Div
Hui yang	2312/11401	Div

TAB I

Place	Coordinates	Capable of accomodating approximately
Hui yang	2311/11426	Regt
Hui yang	2306/11424	Div
Keng wei	2335/11609	Div
*Keng wei	2336/11610	Div
Kuei tan	2300/11555	Regt
Kuang chou	2313/11315	Regt
Kuang chou	2308/11313	Regt
Kuang chou	2306/11320	Div
Kuang chou	2306/11315	Regt
Kuang chou	2312/11315	Regt
Kuang chou	2305/11315	Regt
Kuang chou	2314/11316	Regt
Kuang chou	2306/11310	Regt
Kuang chou	2305/11315	2 Regts
Kuang chou	2305/11317	Div
Kuang chou	2309/11319	Div
Kuang chou	2311/11319	Regt
Kuang chou	2308/11317	Regt
Kuang chou	2308/11318	Div
Kuang chou	2308/11314	Regt
*Liang lung hsu	2327/11316	Regt
*Lien tung	2251/11419	Regt
*Ma ling	2257/11411	Regt
Nan ao tao	2326/11703	2 Regts
*Nan hai	2301/11306	Regt
Nan pu	2343/11725	Regt
*Ni keng	2257/11406	Regt
Ou ting	2325/11646	Regt

Place	Coordinates	Capable of accomodating approximately
Pa chiang pu	2314/11425	Regt
*Ping shan hsu	2301/11441	2 Regts
Pi tsun	2324/11309	Div
Pi tsun	2323/11308	Div
*Pu ning	2324/11610	Div
Pu ning	2325/11609	Div
*Pu tou fou	2339/11647	Regt
Sha chiao	2246/11340	Regt
*Shan tou (Lien tang)	2326/11635	Div
Shan tou (An fou)	2326/11638	Regt
*Shan tou	2327/11635	Div
*Shan tou	2326/11639	Regt
*Shan tou	2323/11643	Regt
*Ta lu pei	2258/11420	Regt
Ta ping	2343/11653	Regt
Tien hsin	2304/11629	Div
Wu tang	2305/11439	2 Regt
Yang tsun	2325/11427	Regt
Yung hsing chuang	2316/11320	Regt
WAC 615		
Chan chiang	2113/11023	Regt
Chan chiang	2109/11016	Div
Chih kun	2120/11020	Regt
*Chiung shan	2000/11020	Regt
Hai kang	2057/11003	Regt
Hai kou	2002/11020	2 Regt
Kuei p'ing	2323/11005	Regt
Shui tung shih	2130/11059	Regt

Place	Coordinates	Capable of accomodating approximately
Yang chiang	2150/11157	Regt
Yang chiang	2143/11153	Regt
WAC 616		
Chen pien	2234/9959	Div
Chiang cheng	2232/10145	2 Regts
*Chin ping	2246/10313	Regt
*Chin ping	2248/10314	Regt
*Chin ping	2249/10315	Regt
*Chin ping	2248/10315	Regt
*Ho kou	2232/10358	Regt
*Kai yuan	2342/10314	2 Regts
Ma liu tang	2251/10246	Regt
*Meng la	2130/10133	Div
*Meng tzu	2322/10323	Div
Niu tsa	2254/10224	Regt
*Ping hsiang	2205/10644	Regt
*Wen shan	2322/10415	Div
Wen shan	2322/10414	Div
WAC 618		
Fu shan shih	1950/10955	Regt
*Ling shui	1829/11000	Regt
*Lin wu	1951/11041	Div
*San ya	1819/10931	Regt
*Sha tang (Yu lin)	1820/10934	Div
Tien tun t'sun	1815/10937	Regt
Tui ting hsin tsun	1927/10917	Regt
*Weng tien shih	1956/11052	Regt

B. GENERAL STORAGE DEPOTS

The following non-unit associated general supply storage areas have been identified [redacted]. It should be noted that secured storage type installations can be identified and located, and estimated capacities assisgned the storage facilities, however, we are unable to determine at this time actual stock levels and types of supply [redacted] We anticipate that as detailed examinai tion of supply areas continues and experience is gained, we will be able to determine [redacted] the class of supply in the depot. [redacted]

AREA	Coordinates	Square footage
1. Manchuria (wac Sheets 198, 202, 203, 204, 282, 283, 284, 285, 289, 290, 291)		
Cha lai no erh	4928N, 11741E	192, 500
	4929N, 11741E	70, 400
ChiChi ha erh	4719N, 12357E	576, 800
	4723N, 12400E	34, 375
Fu la erh chi	4714N, 12339E	409, 500
	4713N, 12340E	245, 150
Mu tan chiang	4434N, 12935E	25, 450
Chan nan ling	4409N, 12526E	409, 500
Chiu tai	4406N, 12603E	54, 000
Chu cha kang	4720N, 12309E	316, 800
Hu lan	4559N, 12638E	255, 000
Harbin	4543N, 12642E	400, 000
T'ao an	4538N, 12248E	96, 250
Wang yeh miao	4603N, 12204E	73, 800
Tai pen chan	4542N, 12238E	89, 000
An shan	4106N, 12258E	198, 800
Lu yang	4123N, 12140E	247, 000
I hsien	4132N, 12114E	225, 000
Chang ping	4012N, 11612E	392, 600
Kou pang tzu	4101N, 12143E	25, 000
Wei ching	4246N, 12516E	19, 600
Tieh ling	4213N, 12346E	366, 600
Hua tien	4257N, 12648E	30, 000
Su chia tun	4135N, 12321E	99, 300
Ssu ping	4315N, 12441E	43, 450
Shen yang	4148N, 12330E	440, 800
	4208N, 12337E	115, 500
	4156N, 12329E	495, 150
	4147N, 12322E	135, 500
	TOTAL MANCHURIA	6, 082, 825 sq ft

2. NORTH CHINA (WAC Sheets 287, 288, 332, 381, 382, 383, 385, 386)

Chai kou pao	4040N, 114 24E	100,100
Chi ning	4055N, 11304E	595,000
Kuei sui	4048N, 11135E	350,000
Chang yeh	3857N, 10041E	594,000 (7 areas)
Pai lo hu tun	3955N, 9752E	331,600
I tu	3643N, 11829E	345,950
Lai yang	3655N, 12041E	105,200
Tang ku	3900N, 11735E	82,750
Chuang ho	3946N, 12256E	38,000
Peng lai	3748N, 12044E	107,250
Chi n chou	3906N, 12143E	759,250 (several areas)
Yang liu ching chen	3908N, 11701E	151,000
Ta lien	3857N, 12133E	141,000
Pei ping	3950N, 11611E	272,000
	3955N, 11625E	185,400
	3951N, 11617E	2,256,000
	3949N, 11627E	186,600
Wei hsien	3639N, 11907E	389,350
	3641N, 11905E	184,400
Lu shun	3847N, 12114E	35,400
	3844N, 12110E	35,500
	3844N, 12110E	44,600
Tien ching	3914N, 11709E	202,950
	3909N, 11707E	621,375
	3905N, 11714E	933,200
	3908N, 11715E	525,000
Ching tao	3608N, 12021E	506,175
	3609N, 12022E	251,500
Ching yuan	3850N, 11527E	100,000
	3845N, 11518E	641,250
Kao pae tien chen	3919N, 11550E	96,900
Tai yuan	3747N, 11237E	191,100
	3758N, 11235E	289,000
Lin fen	3605N, 11136E	109,000
Yu tzu	3744N, 11245E	393,750
Hung tung	3614 N, 11139E	51,200
Yuan ping chen	3844N, 11241E	50,000
Lan chou	3605N, 10345E	300,000
	3601N, 10351E	505,750
Fen cheng	3552N, 11126E	82,550
Hou chia	3514N, 11336E	819,000
Yen 'shih	3445N, 11257E	354,000
	3444N, 11258E	583,200
Hou ma chen	3537N, 11121E	39,000
Kai feng	3446N, 11420E	318,600
	3446N, 11419E	103,400
Hsin hsiang	3517N, 11351E	562,950 (3 areas)
Shan hsien	3447N, 11112E	104,000
Hsi an	3413N, 10904E	50,400
Fu ping	3445N, 10910E	234,000 (poss mil)
Cheng hsien	3447N, 11338E	104,000
	3444N, 11341E	300,700
	3446N, 11339E	455,400

Cheng hsien	3446N, 11338E	108, 750
	3446N, 11337E	162, 000
Hsu chou	3416N, 11717E	55, 125
	3417N, 11713E	752, 350
	3416N, 11712E	121, 150
Nan ching	3205N, 11845E	2, 400, 000 (many areas)
Chiang tu	3223N, 11925E	288, 000
	TOTAL NORTH CHINA	21, 057, 075 sq ft

3. CENTRAL CHINA (WAC Sheet 384, 435, 494, 495)

Ting hsi	3534N, 10436E	82, 100
Chang sha	2810n, 11258E	201, 000
	2814N, 11300E	291, 800
Wang chia tien	3120N, 11358E	543, 000
Sha shih	3019N, 11214E	45, 000
Chiang yu	3150N, 10447E	31, 500
Yaan	3001N, 10303E	25, 000
Kuang han	3059N, 10416E	164, 200
Chung ching	3039N, 10341E	59, 000
Hsin tu	3053N, 10407E	291, 850
Mien yang	3126N, 10446E	403, 200
I pin	2847N, 10436E	140, 400
Chiang an	2844N, 10503E	124, 800
Te yang	3107N, 10422E	205, 800
Sui ning	3031N, 10534E	81, 400
Chung hsing chang	3030N, 10403E	76, 950
Hsin ching	3025N, 10347E	52, 500
Cheng tu	3046N, 10407E	235, 500
	3045N, 10415E	81, 200
	TOTAL CENTRAL CHINA	2, 136, 200 sq ft

4. EAST CHINA (WAC Sheets 492, 493, 498, 499, 614)

Hang chou	3014N, 12010E	57, 450
Shang hai	3116N, 12124E	1, 888, 000
Wu hsi	3136N, 12019E	676, 000
	3136N, 12015E	23, 650
Yung chia	2801N, 12039E	379, 650
Hsiao shan	3010N, 12016E	30, 000
Ying tan	2806N, 11657E	25, 000
	2814N, 11700E	160, 000
	2812N, 11654E	71, 225
	2811N, 11700E	197, 925
Wu han	3030N, 11417E	544, 000
	3034N, 11415E	105, 600
	3035N, 11413E	108, 250
	3039N, 11420E	223, 600
	3027N, 11412E	108, 000
Tu chang	2913N, 11603E	39, 600
Shang jao	2823N, 11754E	24, 150
	2827N, 11753E	59, 675

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Lu hsi chang	2821N, 11606E	74, 725
Shih hui yao	3015N, 11505E	56, 700
Wu chang hsien	3020N 11408E	38, 500
Lung yen	2506N, 11700E	269, 000 (3 areas)
Chu chiang	2448N, 11335E	123, 000
Chang ping hsien	2518N, 11725E	49, 000
Nan ping	2634N, 11807E	165, 000
Chu chou	2754N, 11306E	201, 600
Amoy	2427N, 11805E	1, 300, 000
Nan ping	2639N, 11811E	33, 800
Lung chi	2432N, 11739E	214, 950
Nan kang	2544N, 11445E	36, 650
Chia wan	2757N, 11300E	135, 000
Hsia men	2428N, 11806E	110, 500
Fou chou	2559N, 11921E	126, 000
	2608N, 11919E	197, 000
Pu tien	2526N, 11900E	56, 500
Canton	2310N, 11313E	2, 000, 000
Shang lo tsun	23 02N, 11420E	159, 850
Tang chia	2222N, 11335E	122, 000
Shen chuan	2232N, 11406E	128, 800
Lung kuei shi	2317N, 11321E	48, 000
Shan tou	2322N, 11640E	439, 350
Hsin tang	2307N, 11337E	239, 000
Shi chi	2229N, 11320E	88, 200
pai chiang pu	2315N, 11426E	50, 000
Kung ping hsin hsu	2304N, 11524E	43, 000
Ho po hsu	2325N, 11531E	149, 600
Liang k'ou hsu	2345N, 11346E	58, 000
Huang pu	2305N, 11326E	397, 500
Tin hai	2303N, 11306E	96, 125
	2304N, 11307E	76, 600

TOTAL EAST CHINA 11, 905, 725 sq ft

5 SOUTH CHINA (WAC Sheets 496, 497, 555, 556, 615, 616, 618)

Cheng kung	2456N, 10248E	330, 000
	2457N, 10246E	410, 000
I liang	2455N 10308E	197, 500
K'un ming	2501N, 10242E	606, 000
	2501N, 10248E	775, 000
	2501N, 10244E	277, 375
Kuei yang	2629N, 10644E	150, 000
	2634N, 10641E	660, 000
Ta pan chiao	2503N, 10253E	223, 300
Chu ching	2530N, 10349E	347, 500
	2528N, 10321E	57, 700
Kang tou tsun	2506N, 10243E	180, 000
O shan	2411N, 10224E	60, 300
Yeh chia tsun	2516N, 11013E	120, 000
Erh t'ang	2514N, 11016E	187, 000
Liu chou	2416N, 10921E	101, 950
Ssu fang tang	2409N, 10924E	75, 625

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Kuei lin	2515N, 11016E	86, 650
Hsin hsu shang	2622N, 11248E	88, 400
Ta li	2543N, 10009E	74, 000
Teng chung	2500N, 9827E	103, 125
	2502N, 9829E	140, 625
Mi tu	2521N, 10029E	71, 000
Hsia kuan	2536N, 10013E	1, 131, 200
Pac shan	2503N, 9905E	60000 (poss agric)
Tsang yu an	2310N, 9913E	76, 800
Shuang chiang	2329N, 9949E	45, 600
Chen yuan	2352N, 10052E	50, 000
Hai kou	2101N, 11016E	51, 300
	2102N, 11017E	33, 115
Nan ning	2250N, 10819E	110, 000
	2249N, 10816E	294, 300
Ning ming	2206N, 10704E	92, 400
Chan chiang	2110N, 11023E	196, 500 (prob mil)
Ping shan	2207N, 10645E	44, 150
Mi hu	2247n, 10313E	85, 000
Ma kuan	2301N, 10421E	80, 250
Kai yuan	2343N, 10314E	435, 000
Wen shan	2322N, 10415E	96, 350
Liu tao pan	2231N, 10400E	60, 400
Yu lin	1814N, 10930E	67, 950
	TOTAL SOUTH CHINA	8, 333, 365 sq ft

6. SINKIANG (WACS 240, 241, 242, 243, 244, 329, 330, 331, 333, 334, 335)

Ha mi	4244N, 9332E	1, 200, 000
I ning	4355N, 8118E	133, 750
Ti hua	4351N, 8732E	291, 000
Hung liu yuan	4102N, 9532E	46, 500
Tun huang	4006N, 9434E	150, 000
Ka erh mu	3630N, 9455E	160, 000
Yeh cheng	3754N, 7727E	54, 900
Kashgar	3925N, 7606E	226, 000
So che	3824N, 7715E	145, 750
	TOTAL SINKIANG	2, 407, 900 sq ft.

7. SINO INDIAN BORDER AREA (WAC Sheets 432, 433, 434, 436, 437, 438, 439, 553, 554)

An tu mai ma	3217N, 9136E	30, 000
Chang tu	3110N, 9714E	855, 775
Chomo dzong	2941N, 9416E	200, 000
Tse thang	2914N, 9146E	160, 000
Lhasa	2939N, 9102E	1, 504, 000
Nagchuu dzong	3129N, 9159E	200, 000
Khata	2958N, 9542E	237, 125
	2951N, 9548E	170, 000
yangtze	2855N, 8936E	34, 000
Zhikatse	2915N, 8853E	179, 000
Tradum	2938N, 8412E	26, 000
	TOTAL SINO INDIAN AREA	3, 595, 900 sq ft

GROSS TOTAL CHINA 56, 518, 990 sq ft or 5, 651, 900 Short Tons

25X1

C. AMMUNITION STORAGE AREAS

The following non-unit associated ammunition storage areas have been identified [redacted] While some entries represent a single ammunition depot, in many cases the listed item represents a complex consisting of two of more storage sites. In addition, divisional troop areas also contain ammunition storage areas. Measurable ammunition storage at infantry division areas average 300 short tons per unit.

25X1

AREA	COORDINATES	STORAGE CAPACITY IN SHORT TONS
1. Manchuria (WAC Sheets 198, 202, 203, 204, 282, 283, 284, 285, 289, 290, 291)		
Ya-lu	4804N, 12245E	19,390
Pei-an	5815N, 12630E	6,885
Yang-shu-ho-tzu	4545N, 13223E	3,750
Ho-tung	4420N, 13048E	4,000
Chi Chi Ha erh	4722N, 12358E	20,250
Lin kou	4517N, 13015E	12,820
Chia mu ssu	4647N, 13022E	4,375
Ha erh pin	4542N, 12641E	26,550
Mu tan chiang	4436N, 12935E	5,325
Mu tan chiang	4434N, 12942E	1,190
Po li	4544N, 13031E	2,880
Fu la erh chi	4714N, 12335E	15,300
Hsing shan chen	4721N, 13017E	10,480
Tao an	4544N, 12239E	2,620
Wang yeh miao	4901N, 12254E	32,500 + 14,300 WH**
Nien tzu shan	4731N, 12254E	10,950
Tai pen chan	4546N, 12237E	2,915
Hai cheng	4049N, 12248E	1,045
Ku pei kou	4041N, 11712E	15,840
Chang chun	4350N, 12513E	5,340
Hsuen li chan	4043N, 12358E	5,440
Shen yang	4134N, 12321E	5,440
	4149N, 12329E	3,280
	4210N, 12346E	13,230
Fu shun	4154N, 12346E	32,765 +7,800 unrevetted
	4149N, 12359E	5,225
Ping kang chen	4259N, 12447E	7,860
Liao yuan	4334N, 12334E	2,055
	4317N, 12316E	3,280 +59,000 unrevetted
Pien niu lu pu	4123N, 12339E	1,920
Ssu ping	4306N, 12439E	12,490
	4300N, 12446E	1,470
	4303N, 12433E	4,300
T'ieh ling	4207N, 12343E	3,445
Tung hua	4143N, 12559E	1,280

25X1

25X1

25X1

25X1 [redacted]

** Warehouses revetted

Ammunition Depots		Revetted Storage	Unrevetted Storage
Tung hua	4149N, 12549E	6,300	
Tun hua	4319N, 12809E	12,400	
Kao li men	4022N, 12405E	5,550	
An Tung	4006N, 12421E	4,400	
Shih men tzu	4357N, 13104E	22,050	
	TOTAL MANCHURIA	358,578	81,100

2. North China (WAC Sheets 287, 288, 332, 381, 382, 383, 385, 386)

Ta Tung	4007N, 11316E	6,170	3,140
Chai ko pao	4034N, 11419E	6,240	
Tu ko ma ching	4052N, 10944E	2,155	
Feng cheng	4029N, 11313E	1,920	
Pao tou	4036N, 11006E	2,000	
Chiao hsien	3622N, 12000E	2,390	
Chin hsien	3907N, 12145E	5,185	
	3911N, 12149E	2,000	
Su chia tun	3912N, 12144E	3,775	
Ching tao	3607N, 12020E	6,365	
	3603N, 12017E	1,000	
Ta lien	3859N, 12133E	3,915	
	3858N, 12135E	800	
	3900N, 12138E	1,145	
Lu shun	3855N, 12120E	6,450	
	3846N, 12113E	670	
Fu hsien	3940N, 12206E	5,300	
	3937N, 12202E	1,000	
Chou chia tun	3855N, 12120E	5,850	
Tuang hsien	3824N, 11654E	1,150	
Tien ching	3914N, 11709E	35,570	
Peiping	3957N, 11608E	5,720 +	13,800
Hsiao lo chia t'un	3921N, 12151E	5,800	
Ching yuan	3853N, 11527E	2,150	
Yu tzu	3743N, 11246E	70,560	
Tai ku	3724N, 11237E	47,700	+9,800
	3722N, 11230E	42,200	
Shan yang	3752N, 11309E	19,440	
Tai yuan	3801N, 11234E	16,420	
Hsien kang chen	3949N, 11233E	19,800	
Shih tsui	3913N, 10646E	3,920	
Kuan ying tan	3634N, 10411E	5,400	
Shan hsien	3447N, 11119E	900	
Yen shih	3444N, 11248E	29,360	
Chang chia	3449N, 10904E	27,075	25X1
Po pi chen	3526N, 11327E	5,435	
Hsi an	3418N, 10908E	1,650	[redacted]
Hsu chou	3415N, 11713E	5,880	
	3416N, 11714E	6,125	
Nan ching	3205N, 11850E	9,335	
Tang shui	3202N, 11908E	3,070	
	TOTAL N CHINA	429,005	26,740

3. East China (WAC Sheets 492, 493, 498, 499, 614)

		revetted	unrevetted
Huang chiao	3112N, 12120E	1,260	
Shang hai	3113N, 12128E	5,050	
Hsuing chia	2814N, 11552E	920	
Nan ching	3156N, 11842E	6,875	
Huang pei	3048N, 11419E	4,600	
Shang jao	2823N, 11754E	6,015	
	2830N, 11752E	6,420	
Chu hsien	2857N, 11853E	2,680	
I chia wan	2758N, 11301E	900	
Hsin chleng	2533N, 11437E	1,000	
Hsing ning	2410N, 11546E	1,280	
Mu chiang	2436N, 11814E	1,935	
Ying te	2420N, 11329E	6,250	
Tsao wu	2431N, 11337E	8,870	
Tung an	2444N, 11803E	6,380	
Yung an	2557N, 11722E	4,510	
	2556N, 11720E	5,375	
Chiao kou	2557N, 11312E	840	
Nan ping	2639N, 11808E	21,425	
Wang tai	2636N, 11759E	9,480	1,400
Hsi chin	2634N, 11807E	21,425	2,900
Lo yuan	2628N, 11931E	1,500	
Fu chou	2605N, 11914E	10,250	
Kuang chou	2307N, 11321E	19,695	
	2309N, 11317E	1,710	
Tung men	2355N, 11415E	6,680	
	TOTAL EAST CHINA	163,325	4,300

4. SOUTH CHINA (WAC Sheets 496, 497, 555, 556, 615, 616, 618)

Klun ming	2457N, 10235E	5,000
Tsao chiao tsun	2503N, 10303E	4,100
Lung li	2626N, 10656E	20,400
Heng yang	2655N, 11240E	75,000
Ta to pu	2800N, 11259E	4,475
Liu Chou	2424N, 10923E	1,120
	2421N, 10919E	2,695
	2423N, 10911E	1,800
Chaing hsien	2751N, 11240E	5,645
Li fou	2433N, 11225E	800
Ping hsiang	2208N, 10645E	1,940
Lung men	2355N, 11415E	6,680
Nan ning	2250N, 10823E	3,200
Yu lin	1817N, 10930E	800
San ya	1817N, 10927E	500
Pao lo shih	1951N, 11044E	1,210
	TOTAL SOUTH CHINA	135,370

5. SINO INDIAN BORDER AREA

Chiang tu	3110N, 9714E	3,575

25X1 [redacted]

6. SINKIANG

Ti hua	4349N, 8740E	7,500

7 CENTRAL CHINA (WAC Sheets 384, 435, 494, 495)

Hsi an	3424N, 10800E	9,045
Wang chai	3402N, 10820E	8,920
Tang ho chiao	3414N, 10656E	21,450
Hsing ping	3419N, 10831E	29,250
Wu kung	3416N, 10815E	2,960
Liu shih erh	3541N, 10414E	35,150
Chang cha	2815N, 11301E	3,000
	2803N, 11258E	5,950
Chieng tu	3046N, 10407E	4,950
Chung ching	2934N, 10629E	1,115
	TOTAL CENTRAL CHINA	121,790

	Revetted Storage	Unrevetted
All China	1,219,145 Short tons	112,140 Short Tons.

D AIRFIELDS IN CHINA

25X1

Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Support Capability*	Estimated POL Storage in Thousands of Gallons**
A-k'o-su	41 14 0/N/80 14 0/E		Concrete	2	20
An-k'ang	32 42 30N/108 55 50E		Macadam	2	None
An-tung	40 01 15N/124 17 24E		Concrete	1A	500
An-yang	36 07 48N/114 19 57E		Concrete	2	Drums 20
Canton/Nan-hai	23 04 59N/113 04 16E		Concrete	1B	300
Canton/White Cloud	23 10 43N/113 15 44E		Concrete	1A	900
Chan-i	25 35 35N/103 49 45E		Grass	2	None
Chang-ch'iao	29 55 12N/121 34 28E		Concrete	1A	600
Ch'ang-chih	36 14 20N/113 07 35E		Gravel, graded or rolled	2	None
Ch'ang-ch'un South	43 43 53N/125 15 25E		Sod	2	100
Ch'ang-ch'un West	43 54 18N/125 12 07E		Concrete	1A	180
Ch'ang-ko	34 12 25N/113 48 22E		Grass	2	None
Ch'ang-p'ing	40 08 50N/116 19 20E		Concrete	1A	250
Ch'ang-sha/Ta-to	28 04 07N/112 57 22E		Concrete	1A	600
Chang-shu	28 01 54N/115 31 19E		Concrete	1A	600
Chang-yeh Southeast	38 47 55N/100 51 23E		Concrete	1A	750
Chao-t'ung	27 19 13N/103 45 09E		Macadam	2	Drums 20
Cheng-hsien Northeast	34 47 04N/113 43 10E		Concrete	1A	600
Chen-tu/Feng-huang-shan	30 43 52N/104 05 39E		Macadam	2	Drums 20
Ch'eng-tu/Shuang-	30 34 52N/103 56 50E		Concrete	1B	150
Ch'eng-tu/T'ai-p'ing-ssu	30 36 10N/104 00 52E		Sod	2	100
Ch'eng-tu/Wen-chiang	30 42 13N/103 57 00E		Concrete	1B	500
Chi-nan	36 41 29N/116 55 17E		Concrete	1A	250
Chia-hsing	30 42 26N/120 40 50E		Concrete	1B	600
Chia-yu-kuan	39 50 10N/98 23 07E		Sand & gravel	2	Drums 20
Chi-an	27 05 39N/114 57 55E		Graded earth	2	None
Chiang-wan	31 19 55N/121 30 27E		Concrete	1A	600
Chiao-hsien	36 19 25N/120 01 40E		Concrete	1A	1000
Chih-chiang	27 26 18N/109 41 49E		Macadam	2	Drums 10
Ch'ih-feng Southwest	42 13 51N/118 58 00E		Graded earth	2	20

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25X1

25X1

Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Support Capability*	Estimated POL Storage in Thousands of Gallons**
Chin-chou Southeast	39 03 27N/121 44 30E		Asphalt	1A	Drums 20
Chin-hsi	40 44 45N/120 52 31E		Concrete	2	Drums 20
Chin-hsien West	41 05 58N/121 03 58E		Concrete	1A	250
Chin-hua	29 05 43N/119 40 02E		Concrete	2	Drums 10
Ch'ing-chen	26 31 27N/106 30 02E		Macadam	2	None
Ch'ing-shui-ho	39 42 50N/113 08 27E		Concrete	1A	500
Ch'ing-yang	24 48 00N/118 35 00E		Concrete	1A	760#
Ch'ing-yuan	38 50 15N/115 31 05E		Natural surface	2	Drums 10
Chiu-chiang Satellite	29 40 31N/115 59 07E		Gravel	2	None
Chiu-ch'uan	39 42 10N/98 33 25E		Gravel	2	None
Chiung-lai	30 29 22N/103 28 11E		Macadam	2	None
Cho-hsien	39 27 42N/115 59 10E		Grass	2	Drums 10
Chou-shui-tzu	38 57 43N/121 32 44E		Concrete	1A	500
Chou-t'sun	36 48 40N/117 53 50E		Sod	2	Drums 10
Chu-ch'eng	36 02 04N/119 26 18E		Concrete	1B	250
Ch'u-hsien	28 57 56N/118 53 51E		Concrete	1A	900
Ch'u-wu	35 39 43N/111 24 34E		Graded earth	2	Drums 10
Ch'ung-an	27 42 00N/117 59 50E		Concrete	1A	300
Chungking/Pai-shih-i	29 29 40N/106 21 28E		Macadam	2	Drums 20
En-shih	30 17 18N/109 28 35E		Macadam	2	None
Erh-tao-wan-tzu	47 55 15N/124 33 09E		Concrete	2	Unknown
Fort Bayard	21 13 01N/110 20 50E		Macadam	2	Drums 20
Fu-chou/Nan-t'ai	26 00 15N/119 18 40E		Concrete	1A	600
Fu-hsien	39 40 00N/121 46 08E		Concrete	1A	500
Fou-hsin	42 04 05N/121 42 50E		Sod	2	Drums 20
Hai-k'ou	20 01 10N/110 20 34E		Concrete	1A	900
Hai-lang	44 31 20N/129 34 20E		Concrete	1A	250
Hailar East	49 12 10N/119 48 40E		Graded earth	2	Drums 20
Hailar Southwest	49 09 40N/119 41 44E		Concrete	1A	Unknown
Ha-mi (2)	42 50 00N/93 32 00E		Sand & Gravel	2	Drums 20
Han-kou	30 35 50N/114 14 25E		Concrete	1A	600
Hangchow	30 19 57N/120 13 54E		Concrete	1A	600
Harbin Southeast	45 44 30N/126 40 30E		Grass	2	Drums 20
Ho-tien	37 09 31N/79 52 02E		Macadam	2	20

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25X1 [redacted] 25X1

Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Support Capability*	Estimated POL Storage in Thousands of Gallons
Hsi-an	34 15 48N/108 54 27E		Asphalt	1A	100
Hsi-ch'ang	27 55 10N/102 12 35E		Macadam	2	Drums 20
Hsi-ning	36 33 10N/101 59 20E		Asphalt	1A	100
Hsiang-t'ang	28 25 44N/115 55 34E		Concrete	1A	300
Hsiao-kan	30 57 30N/113 54 40E		Macadam	2	Drums 10
Hsien-yang	34 27 25N/108 46 19E		Earth, graded or rolled	2	None
Hsin-ch'eng	25 32 52N/114 37 06E		Concrete	1A	300
Hsin-ching	30 25 18N/103 50 40E		Macadam	2	200
Hsin-hsiang	35 17 45N/113 50 40E		Macadam	2	Drums 10
Hsing-ch'eng	40 34 25N/120 41 47E		Concrete	1B	250
Hsing-ning	24 08 57N/115 45 30E		Concrete	1A	300
Hsu-ch'ang	34 01 14N/113 42 30E		Natural surface	2	None
Hsu-chou Northwest	34 17 10N/117 09 38E		Concrete	2	Drums 20
Hsu-chou Southeast	34 13 44N/117 14 35E		Concrete	1A	600
Hsuan-hua	40 42 35N/114 57 37E		Graded earth	2	Drums 10
Hu-hsien	34 09 28N/108 36 03E		Asphalt	1A	150
Hua-chia-t'un	39 15 42N/122 04 55E		Concrete	1A	250
Hui-an	25 01 33N/118 48 33E		Concrete	1A	445*
Hung-ch'iao	31 11 45N/121 20 17E		Concrete	1A	300
Ka-erh-mu	36 45 0/N/95 35 0/E		Macadam	1A	100
K'ai-feng	34 45 10N/114 20 20E		Concrete	2	300
K'ai-yuan	42 32 02N/123 58 43E		Concrete	1B	250
Kan-hsien	25 49 35N/114 54 40E		Graded earth	2	Drums 10
Kan-tzu	31 37 12N/100 02 00E		Macadam	2	None
K'ao-cheng	37 59 35N/114 45 52E		Sod	2	Drums 10
Kao-i	37 32 15N/114 36 45E		Sod	2	Drums 10
Kao-mi	36 23 05N/119 42 45E		Concrete	1A	500
Kashgar/Zang Karavul	39 31 01N/75 57 01E		Macadam	2	Drums 20
Ku-che	41 44 //N/82 59 //E		Gravel	2	Drums 20
Ku-ch'eng	37 29 37N/116 06 56E		Concrete	1A	500
Ku-shan-tzu	42 01 58N/125 44 10E		Concrete	1A	250
Ku-t'ien-tzu	43 59 32N/126 23 10E		Concrete	1A	500

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Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Support Capability*	Estimated POL Storage in Thousands of Gallons
Kuan-tien West	40 41 48N/124 35 48E		Concrete	1A	250
Kuang-han	30 56 55N/104 19 57E		Macadam	2	100
Kuei-sui East	40 50 30N/111 48 40E		Macadam	2	Drums 20
Kuei-yang Lei-chuang	26 25 00N/106 32 30E		Macadam	2	Drums 20
K'un-ming	24 59 40N/102 44 30E		Concrete	1A	500
Kung-chu-ling	43 31 24N/124 46 52E		Concrete	1A	500
La-lin	45 15 31N/126 52 59E		Concrete	1B	500
Lai-feng	29 31 08N/109 25 17E		Macadam	2	None
Lai-yang	36 57 39N/120 35 11E		Concrete	1A	500
Lan-chou	36 01 10N/103 49 25E		Graded earth	2	Drums 20
Lao-ho-kou	32 23 35N/111 40 42E		Macadam	2	None
Lei-yang	26 35 09N/112 53 27E		Concrete	1A	1,200
Li-chia-t'sun	25 11 55N/110 19 00E		Macadam	2	Drums 10
Liang-hsiang	39 45 20N/116 06 15E		Grass	2	Drums 10
Liang-shan	30 40 55N/107 47 15E		Macadam	2	None
Liao-yang West	41 16 40N/123 04 59E		Concrete	1A	500
Liao-yuan North	43 35 05N/123 35 55E		Concrete	1A	700
Lien-ch'eng	25 40 42N/116 44 57E		Concrete	1A	1,116#
Lin-fen	36 02 19N/111 29 30E		Concrete	1A	400
Lin-t'ung	34 23 18N/109 07 57E		Concrete	2	1,100
Lin-yu South	39 58 09N/119 43 38E		Concrete	1B	Drums 20
Ling-shui	18 29 50N/109 59 13E		Concrete	1A	600
Liu-chou	24 16 32N/109 22 57E		Asphalt	1B	300
Liu-ho	42 15 28N/125 42 33E		Concrete	1A	350
Liu-t'ing	36 15 35N/120 22 28E		Concrete	1A	500
Lu-ch'iao	28 33 50N/121 25 36E		Concrete	1A	637#
Lu-hsien	28 51 08N/105 23 15E		Macadam	2	None
Lu-liang	24 59 10N/103 38 35E		Macadam	2	None
Lung-chi	24 33 39N/117 39 18E		Concrete	1A	900
Lung-chiang South	47 18 23N/123 56 38E		Asphalt	2	Drums 20
Lung-hua	31 09 58N/121 27 22E		Concrete	2	300
Lung-tien	25 34 28N/119 27 30E		Concrete	1A	800
Meng-tzu	23 21 24N/103 24 35E		Gravel, graded or rolled	2	None
Meng-tzu West	23 24 10N/103 14 10E		Concrete	1A	500
Mien-hsien	33 08 40N/106 46 20E		Macadam	2	None
Ming-chiang North	32 32 35N/114 04 57E		Concrete	1A	300

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Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Support Capability*	Estimated POL Storage in Thousands of Gallons**
Mukden North	41 51 50N/123 26 12E		Concrete	1B	360
Mukden Southeast	41 46 57N/123 29 58E		Concrete	1A	250
Mukden Southwest	41 46 07N/123 22 10E		Concrete	2	Drums 20
Mukden West	41 49 40N/123 17 58E		Concrete	1A	250
Nan-ch'ang New	28 37 55N/115 55 38E		Concrete	1B	300
Nan-ch'eng	33 03 56N/106 59 57E		Macadam	2	None
Nan-ning	22 48 42N/108 20 20E		Macadam	2	None
Nan-yang	33 01 10N/112 31 30E		Graded earth	2	None
Nan-ning South	22 35 00N/108 08 00E		Concrete	1A	300
Nanking/Ta-ch'iao-chang	31 59 38N/118 48 42E		Concrete	1A	300
Nen-chiang North	49 13 45N/125 20 00E		Asphalt	2	20
Ning-hsia	38 30 10N/106 12 10E		Macadam	2	Drums 20
Pang-fou	32 55 46N/117 21 42E		Concrete	1A	300
P'ang-pei	43 40 25N/112 10 00E		Graded earth	2	None
Pao-shan	25 03 54N/99 09 21E		Macadam	2	Drums 20
Pei-t'un	25 27 20N/100 43 40E		Concrete	1A	300
Peiping Central	40 04 20N/116 35 55E		Concrete	1A	250
Peiping/Lan-t'ien-chang	39 57 46N/116 15 10E		Concrete	1B	250
Peiping/Nan-yuan	39 47 15N/116 22 58E		Concrete	1A	1,000
P'ing-fang	45 35 50N/126 39 05E		Concrete	1B	250
P'u-lan-tien	39 26 53N/122 01 23E		Concrete	1A	1,000#
P'u-lan-tien South	39 19 10N/121 58 05E		Concrete	1A	250
San-shih-li-p'u	39 17 09N/121 45 53E		Concrete	1A	250
San-ya	18 17 20N/109 27 34E		Concrete	2	Drums 20
Shan-p'o	30 05 10N/114 18 40E		Concrete	1A	300
Shih-men	38 05 05N/114 24 48E		Concrete	1B	300
Shih-t'ou North 2	44 12 05N/129 22 50E		Concrete	2	20
Shuang-ch'eng	45 24 13N/126 18 25E		Sod	2	Drums 10 est tank storage under construct
Shuang-ch'eng-tzu	40 23 55N/99 47 50E		Concrete	1A	1,600
Shuang-ch'eng-tzu North	40 57 25N/100 14 45E		Natural Surface	2	Drums 10

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25X1 [redacted] 25X1

Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Supported Capability*	Estimated POL Storage in Thousands of Gallons**
Shui-k'ou	23 03 06N/114 35 48E		Concrete	1A	600
Ssu-mao North	22 47 35N/100 58 00E		Macadam	2	Drums 20
Ssu-p'ing 1	43 09 18N/124 18 00E		Concrete	1A	500
Ssu-p'ing 2	43 12 31N/124 13 02E		Macadam	2	Drums UK
Sui-ch'i	21 24 11N/110 11 50E		Concrete	1A	900
Sui-chung	40 17 50N/120 21 50E		Concrete	1A	250
Sun-chia-tun	45 39 31N/126 42 17E		Sod	2	100
Swatow Northeast	23 25 47N/116 45 37E		Concrete	1A	211#
Ta-ch'ang	31 18 35N/121 24 42E		Concrete	1A	300
Ta-ch'iao-chang Sattelite	31 58 11N/118 50 20E		Earth, graded or rolled	2	None
Ta-pao	40 32 15N/124 13 53E		Concrete	1A	250
Ta-t'ung-kou	39 56 49N/124		Concrete	1A	500
T'ai-yuan New	37 49 35N/112 33 28E		Concrete	2	100
T'ai-yuan South	37 45 12N/112 37 18E		Concrete	2	10
Tan-yang	31 55 18N/119 46 25E			2	None
Tang-kuan-tun	38 46 51N/117 03 51E		Concrete	1A	250
T'ang-shan Northwest	39 39 11N/118 08 00E		Concrete	1A	700
Teng-ao-pao	41 06 03N/122 51 20E		Concrete	1A	250
Ti-hua-i	43 55 50N/87 24 20E		Macadam	2	Drums 20
Tientsin	39 07 24N/117 20 46E		Concrete	1B	250
Ting-hsing	39 15 15N/115 49 50E		Concrete	1A	300
T'sang-hsien	38 24 16N/116 55 43E		Concrete	1A	3,500
Tsingtao	36 09 30N/120 23 00E		Asphalt	1A	250
T'u-ch'eng-tzu	38 54 28N/121 14 54E		Concrete	1A	1,000
Tu-lu-fan	42 52 35N/89 17 10E		Gravel	2	Drums 20
Tu-men-wu	30 39 34N/111 26 36E		Asphalt	2	Drums 10
Tun-hua West	43 21 26N/128 11 54E		Asphalt	2	Drums 10
Tung-feng	42 39 48N/125 30 02E		Concrete	1A	250
Tung-hai West	34 34 35N/118 52 10E		Concrete	1A	300
T'ung-hsien	39 48 45N/116 42 20E		Concrete	1A	250
T'ung-liao South	43 36 35N/122 11 13E		Gravel, graded or rolled	2	Drums 20
Wang-kang	45 40 12N/126 31 32E		Sod	2	20
Wei-hsien	36 38 55N/119 07 20E		Concrete	1A	250
Wen-chun Northeast	44 27 19N/129 31 30E		Macadam	2	Drums 10

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25X1

Name	Coordinates	Runway Lengths in Hundreds of Feet	Surface	Support Capability*	Estimated POL Storage in Thousands of Gallons**
Wen-teng	37 10 45N/122 13 10E		Concrete	1A	1,000
Wu-ch'ang	30 30 45N/114 18 20E		Concrete	2	200
Wu-hsi	31 29 35N/120 25 50E		Concrete	1A	300
Wu-hu	31 23 30N/118 24 30E		Concrete	1A	300
Wu-kung	34 16 39N/108 15 53E		Concrete	1A	600
Wu-wei	38 01 15N/102 43 10E		Concrete	1A	250
Ya-men-tun	47 14 22N/123 55 16E		Concrete	1A	250
Yang-ts'un	39 22 15N/117 05 23E		Concrete	1A	500
Yen-an	36 38 09N/109 32 02E		Macadam	2	Drums 10
Yen-ch'eng	33 25 55N/120 12 23E		Concrete	1A	300
Yen-ch'i South	42 52 51N/129 27 24E		Concrete	1A	250
Yen-liang	34 39 36N/109 15 07E		Concrete	1A	500
Yen-t'ai South	37 24 10N/121 21 50E		Concrete	1A	500
Ying-ch'eng-tzu	39 00 33N/121 23 20E		Concrete	1A	210
Yu-shu	32 53 0/N/96 47 0/E		Macadam	2	100
Yuan-shih	37 46 45N/114 34 25E		Sod	2	None
Yun-ch'eng Northwest	35 02 45N/110 57 00E		Graded earth	2	None
Yung-chi	34 52 20N/110 22 40E		Macadam	2	None

* Support Capability Code:
1A - will support 100 jet fighters or 50 jet light bombers
1B - will suport 60 jet fighters or 30 jet light bombers
2 - will support piston aircraft
This capability concerns only the airfield itself and does not include the ability of the CHICOMs to deliver supplies to the field.

X. TELECOMMUNICATIONS

The Chinese Communist telecommunication (telecom) system is largely based on modern methods and equipment, designed to meet the unique requirements of civil administration and national defense. The overall system is composed of wire lines, aerial and buried cables, radio relay links and radiocommunication stations. Telecom construction is keeping abreast of economic and defense needs. Automatic or manual equipment is available for local, long distance or international use and provides telephone, telegraph, teleprinter, telephoto amd facsimile services. Network transmission media facilities vary with regional development as well as geographical factors and include: low to medium capacity radio relay links, extensive high-frequency radiocommunication networks, multi-conductor wire lines and cables, AM and FM radiobroadcast stations, wire broadcast networks, TV broadcast and relay stations.

Civil telecom facilities are controlled from Peiping by the Ministry of Post and Telecommunications (MPT) with Shanghai as an alternate civil control center. The telecom system affords civil authorities with interconnecting facilities throughout the country, and to major world centers, as well as to the adjoining countries. Separate integrative networks are operated by the aeronautical, coastal, maritime, and railroad departments of the government. Army, Navy, and Air Force Commands maintain and operate separate fixed telecom systems which parallel the civil MPT system in many areas which may be integrated as required. Defense authorities maintain communications with other military regions and direct links with Peiping for normal command and administrative control. In addition, facilities also exist for maintaining command control and coordination by alternate defense headquarters. This method of control and operation has permitted Peiping authorities to insure constant supervision and prescribe circuit allocation to meet defense and civil telecom requirements. Defense communication demands have priority in the allocation of circuits.

Civil and defense telecom networks within the eastern and coastal regions from Kunming and Canton in the south to Mekden in the northeast are the most extensive and heavily concentrated of Communist China. The telecom system is well developed and it is believed to have the capability of affording civil and defense authorities with sufficient circuits and alternate routing capabilities to handle increased traffic loads and provide for by-passing destroyed facilities. These facilities consist of relatively modern high-frequency radiocommunication stations, microwave radio relay links of 8-12 and 24 channel capacity and 12 channel telephone carrier equipment on the multi-conductor open-wire and cable systems. This network is the main axis of communications radiating from Peiping northward to Mukden - Harbin and southward to Shanghai - Canton and Kunming. In addition, the same capacity system also extends westward to the Hsian and Lanchou regions. The other regions are not as well served by telecom facilities, although wire and cable construction was stressed in the last few years.

The northern regions adjacent to Soviet Siberia and the Mongolian People's Republic are remote, barren and underdeveloped, with few telecom requirements. Radiocommunication stations providing telephone and telegraph service appear to be the primary media, with 4-8 pair open-wire lines, telephone carrier equipped, to serve the more populated areas. The regions west of Lanchou and Hsian are served by only one major wire network, a multi-conductor open-wire telecom system that parallels the railroad tracks to the Urumchi area of Sinkiang Province. Recently, telephone carrier equipment was installed and radio relay links are probably operational in these areas as this system was expanded and modernized to handle the growing civil and defense requirements. Under adverse conditions, adequate alternate routing is not afforded for wire communications and radiocommunication facilities would have to handle the overflow of traffic. The extensive, long-range radiocommunication facility serving the new missile complex at Shuang Cheng Tzu and Tien Tsung Ta Wan in Kansu Province would probably also serve as an integral part of this western telecom system.

Telecom facilities of the Tibetan Province in southwestern China consist of low-capacity open-wire lines, cables, and high-frequency radiocommunication stations. Wire is considered the main media for civil communications and is laid along the existing and mewly constructed roads serving the Sino-Nepal-India border areas; and northward to Urumchi in Sinkiang Province, to Lanchou in Kansu Province and to Cheng-tu in Szechwan Province. Only in Lasha are the radio facilities used by civil authorities extensive and capable of providing long-range communications. Army and Air Force units in this region depend on radio for their local and long-range communications, as installation of wire facilities is limited by the mountainous terrain. Alternate routing capabilities are very limited and existing radiocommunication facilities would be required to accomodate overall requirements.

In addition to the fixed civil/defense telecom networks, defense forces have their own tactical telecom facilities. In recent years the Chinese defense authorities have stressed communication requirements and utilization in conjunction with military modernization. Tactical telecommunications probably are keeping abreast with operational requirements.

XI. ECONOMIC SUPPORT

A. General

The Chinese economy supports a very large military establishment in relation to available resources, and the need for these resources for investment and consumption. In 1963 the estimated gross national product (GNP) of Communist China was $67 billion, a substantial decline from the peak year of 1959, when GNP was estimated at $84 billion. On a per capita basis the 1963 GNP was about $90.

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Agriculture (including forestry and fisheries) provides the largest contribution to gross national product, or more than one-third of total output. Industry is the next most important single producing sector, providing up to one-fourth of GNP. Other sectors, including transportation and trade, construction, and services provide the rest of total national output. About 60 per cent of GNP is normally allocated to consumption, investment receives up to 30 per cent, and government including national defense accounts for almost 10 per cent.

The country has a huge and rapidly growing population, insufficient arable land, and a low level of technology. Its output barely supports consumption at subsistence levels, and there is little surplus to provide the capital resources needed for economic growth. Agricultural production in 1963 was no greater than in 1957, when there were some 75 million fewer people to feed, making grain imports necessary. Industrial output remains far below its 1959-60 peak - some plants are not in operation or are operating below capacity. Foreign trade stands at the lowest level since 1954. While China's economic difficulties during recent years have been caused in large measure by adverse agricultural growing conditions, the regime has compounded the difficulties by their own errors, their ideological compulsions, the break with the Soviet Union, and extreme nationalism. Now the leaders' attempts to mobilize China's vast human resources will be made difficult by past abuses, and Peiping will face growing problems in trying to impose its will on a dispirited population and the party rank and file.

B. Agriculture and Food

The land area of China is about 3,7000,000 square miles, of which 406,000 (11%) is arable. This is about 0.4 of an acre per capita. Total cultivation and multiple cropping makes it roughly equivalent to the U.S. acreage. However, it must support a 1964 population of some 727 million people, nearly four times the U.S. figure of 193 million.

The chief agricultural commodities are rice, wheat, tubers, miscellaneous grains, soybeans, and cotton. Traditionally the country has been a net exporter of food, which was a dependable source of foreign exchange, but since 1961 China has been a net importer of food.

C. Fuels and Power

1. General

In Communist China coal is the predominant source of primary energy, currently providing over 90 per cent of the available supply. The remainder is provided about equally by petroleum and natural gas, and hydroelectric power.

2. Coal

The current annual estimated output of coal of some 270 million metric tons is a severe drop from the announced peak production level reached in 1960 when 425 million metric tons were mined. Moderate increases in production may be expected with improvements in general economic conditions.

3. Electric Power

Industry consumes about 70 per cent of total available electricity. Generating capacity is presently at about 12,000,000 kilowatts. Thermal powerplants, almost all of which are coal fired, account for about 80 per cent of total capacity with the remaining equipment installed in hydroelectric stations. The geographic location of generating facilities in contiguous with consuming areas with the major concentrations found in the highly industrialized northeastern rigion of the country and in the heavily populated coastal area. Output of electric power is currently far below the producing capability; current output is about one-half of the potential.

D. Minerals and Metals

China is virtually self-sufficient in all the minerals and metals required by an industrialized economy. Coal and iron ore reserves are sufficient to permit the country to become a major steel producer. Tungsten, manganese, and molybdenum are in good supply. The development of deposits

of tin, antimony, aluminum, magnesium, mercury, fluorspar and salt have enabled China to export substantial quantities. The country has the minerals essential to the production of fissionable materials, notably uranium. There are deposits of phosphates, potassium, and nitrates, important as fertilizers.

E. Manufacturing

The leadership channelled some 80 per cent of industrial investment into the heavy industry sector during recent years and the output of light industry suffered accordingly. Some 80 per cent of the raw materials for light industry are of agricultural origin, particularly cotton, and the decline in farm production has further limited production. The most important product of light industry is cotton cloth. Other products include paper goods, simple farm tools, processed food, bicycles, plastics, and handicraft items. China's heavy industrial plant has been built up by large and systematic investment in more than 200 industrial installations constructed with Soviet Bloc technical assistance and equipment in the 1950-60 period. Chinese total industrial output in 1963 was about 60 per cent that of Japan.

F. Foreign Trade and Foreign Aid

Events since 1959, particularly the rift with the U.S.S.R. and China's economic difficulties, have greatly altered the composition and volume of China's foreign trade. Total trade in 1963 was about $2.6 billion, a reduction of about 40 per cent from the peak in 1959. Total trade with Communist countries fell from 69 per cent of the total in 1959, to 44 per cent in 1963.

The commodity composition of China' imports has shifted from industrial equipment and machinery, which fell from one-half of total imports in 1959 to only one-tenth in 1962, to foodstuffs and raw materials, which made up about 80 per cent of total imports in 1962.

Beginning in 1950 Sino-Soviet agreements had provided for Soviet aid through 1967 in building some 291 industrial plants, and supplying $3.3 billion worth of equipment. By mid-1960 about half the projects had been completed. The departure of Soviet technicians in 1960 forced the postponement or cancellation of many projects, and focused attention on the vital importance of the help the leadership had sacrificed. China has also received aid from the European Satellites on about 100 projects in the form of complete plants. Since mid-1960 this assistance had been greatly reduced.

In 1964 for political reasons Peiping embarked on its own foreign aid program. Obligations aggregating about $1.6 billion were incurred by the end of 1962. About half this sum has been drawn. In the 1954-1962 period most of the aid utilized went to North Vietnam (34%), and North Korea (30%); Mongolia (12%); Hungary (7%); and Albania (8%). Assistance extended to Free World countries has totalled some $452 million from January 1954 to December 1963. Only about $109 million of the amount extended has been drawn through December 1963.

G. Standard of Living

The per capita annual share of gross national product (GNP) is estimated at $90 for 1963, one of the lowest in the world. Food resources barely keep pace with a population that grows at about 2 per cent per year -- some 16 million people in 1963. The majority of the people live at a subsistence level, and when crops fail the spectre of famine appears. Almost all of the arable land is already under cultivation. Unemployment is a serious problem. During 1958-60 the demand for labor in the cities attracted many rural laborers, and when economic conditions worsened many were thrown out of work. Efforts of the regime to induce them to return to rural areas have not been effective. In 1963 the regime decided to embark upon a program to limit births, but medical resources are limited. Tradition and custom are opposed, especially among the peasants who make up 80 per cent of the population. Any improvement in living standards will have to come

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from the recovery of agriculture, and a successful modernization program. This, in turn, would facilitate the recovery and expansion of industry.

H. Manpower Resources

As of 1 January 1964, Communist China had a population of 727 million, including a labor force of 352 million, of whom approximately 299 million are in agriculture. There are 186 million males of military age (15-49), of whom 90 million are estimated to be fit for military service.

By mid-1966 the population is expected to increase to 764 million, including 193 million males in the military ages, of whom 94 million are expected to be fit for military service. The labor forces is expected to total 372 million.

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APPENDIX A
TO TAB I

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MAJOR DEPOTS IN CHINA WITH OVER 10,000 TONS CAPACITY*

GENERAL STORAGE

1.	Cha-lai-no-erh	49 28N/117 41E
2.	Ch'i-ch'i-ha-erh	47 20N/123 59E 47 18N/123 55E 47 19N/123 57E 47 23N/124 00E
3.	Chu-ch'a-kang	47 20N/123 09E
4.	Fu-la-erh-chi	47 14N/123 39E
5.	Hu-lan	45 59N/126 38E
6.	Ha-erh-pin	45 43N/126 42E
7.	Chan-nan-ling	44 09N/125 26E
8.	Tieh-ling	42 13N/123 46E
9.	Shen-yang	41 48N/123 30E 40 08N/123 37E 41 56N/123 29E 41 35N/123 21E
10.	An-shan	41 05N/122 58E
11.	I-hsien	41 32N/121 14E
12.	Lu-yang	41 23N/121 40E
13.	Chang-ping	40 12N/116 12E
14.	Chai-kou-pao	40 40N/114 24E
15.	Chi-ning	40 55N/113 04E
16.	Kuei-sui	40 48N/111 35E
17.	Chang-yeh	38 57N/100 41E
18.	Pai-lao-hu-tun	39 55N/97 52E
19.	Ta-lien	38 57N/121 33E
20.	Lu-shun	38 47N/121 14E 38 49N/121 15E 38 44N/121 10E
21.	Peng-lai	37 48N/120 44E
22.	Chin-chou	39 06N/121 43E
23.	Lai-yang	36 55N/120 41E

* Keyed to Map 1D

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24.	Ching-tao	36 08N/120 21E
25.	Wei-hsien	36 39N/119 07E 36 41N/119 05E
26.	I-tu	36 43N/118 29E
27.	Tien-ching	39 14N/117 09E 39 09N/117 07E 39 05N/117 14E 39 08N/117 15E
28.	Pei-ping	39 50N/116 11E 39 54N/116 21E 39 55N/116 25E 39 51N/116 17E 39 49N/116 27E
29.	Ching-yuan	38 50N/115 27E 38 45N/115 18E
30.	Yu-tzu	37 44N/112 45E
31.	Tai-yuan	37 47N/112 37E 37 58N/112 35E
32.	Lin-fen	36 05N/111 36E
33.	Lan-chou	36 05N/103 45E 36 01N/103 51E
34.	Hsu-chou	34 16N/117 12E 34 17N/117 13E 34 16N/117 17E
35.	Nan-ching	32 03N/118 47E
36.	Kai-feng	34 46N/114 19E 34 46N/114 20E
37.	Hsin-hsiang	35 17N/113 51E
38.	Cheng-hsien	34 44N/113 41E 34 47N/113 38E 34 46N/113 39E 34 46N/113 38E 34 46N/113 37E
39.	Hou-chia	35 14N/113 36E
40.	Yen-shih	34 44N/112 58E 34 45N/112 57E
41.	Shan-hsien	34 47N/111 12E
42.	Shanghai	31 08N/121 28E 31 16N/121 24E
43.	Wu-hsi	31 36N/120 19E 31 36N/120 15E

GENERAL SUPPLY

44.	Yung-chia	28 01N/120 39E
45.	Ying-tan	28 06N/116 57E 28 14N/117 00E 28 12N/116 54E 28 11N/117 00E
46.	Wu-han	30 30N/114 17E 30 34N/114 15E 30 35N/114 13E 30 39N/114 20E 30 27N/114 12E
47.	Foochow	25 59N/119 21E 26 08N/119 19E
48.	Nan-ping	26 34N/118 07E 26 39N/118 11E
49.	Amoy	24 27N/118 05E
50.	Lung-chi	24 32N/117 39E
51.	Lung-yen	25 06N/117 00E
52.	Chu-chou	27 54N/113 06E
53.	Chia-wan	27 57N/113 00E
54.	Chu-chiang	24 48N/113 35E
55.	Shan-tou	23 22N/116 40E
56.	Ho-po-hsu	23 25N/115 31E
57.	Shang-lo-tsun	23 02N/114 20E
58.	Shen-chuan	22 32N/114 06E
59.	Tang-chia	22 22N/113 35E
60.	Hsin-tang	23 07N/113 37E
61.	Canton	23 10N/113 13E 23 03N/113 17E 23 07N/113 21E 23 07N/113 14E 23 05N/113 03E
62.	Chan-chiang	21 10N/110 23E
63.	Nan-ning	22 50N/108 19E 22 49N/108 16E
64.	Liu-chou	24 16N/109 21E
65.	Erh-t'ang	25 14N/110 16E
66.	Yeh-chia-tsun	25 16N/110 13E

GENERAL SUPPLY

67.	Kuei-yang	26 29N/106 44E
68.	I-liang	24 55N/103 08E
69.	K'un-ming	25 01N/102 42E 25 01N/102 48E 25 03N/102 53E
70.	Cheng-kung	24 56N/102 48E
71.	Kai-yuan	23 43N/103 14E
72.	Hsia-kuan	25 36N/100 13E
73.	Teng-chung	25 00N/98 27E 25 02N/98 29E
74.	Chang-sha	28 10N/112 58E 28 14N/113 00E
75.	Wang-chia-tien	31 20N/113 58E
76.	Mien-yang	31 26N/104 46E
77.	I-pin	28 47N/104 36E
78.	Chiang-an	28 44N/105 03E
79.	Kuang-han	30 59N/104 16E
80.	Te-yang	31 07N/104 22E
81.	Hsin-tu	30 53N/104 07E
82.	Ka-erh-mu	36 30N/94 55E
83.	Tun-huang	40 06N/94 34E
84.	Ti-hua	43 51N/87 32E
85.	I-ning	43 55N/81 18E
86.	Kashgar	39 25N/76 06E
87.	So-che	38 24N/77 15E
88.	Chang-tu	31 10N/97 14E
89.	Khata	29 58N/95 42E 29 51N/95 48E
90.	Tsethang	29 14N/91 46E
91.	Lhasa	29 39N/91 02E
92.	Zhikatse	29 15N/88 53E
93.	Ch'eng-tu	30 46N/104 07E 30 45N/104 15E
94.	Chu-ching	25 30N/103 49E
95.	Chiang-tu	32 23N/119 25E

AMMUNITION STORAGE

1.	Ya-lu	48 04N/122 45E
2.	Ch'i-ch'i-ha-erh	47 22N/123 58E
3.	Nien-tzu-shan	47 31N/122 54E
4.	Fu-la-erh-chi	47 14N/123 35E
5.	Wang-yeh-miao	46 01N/122 02E
6.	Ha-erh-pin	45 42N/126 41E
7.	Hsing-shan-chen	47 21N/130 17E
8.	Lin-kou	45 17N/130 15E
9.	Mu-tan-chiang	44 36N/129 35E 44 34N/129 42E
10.	Shih-men-tzu	43 57N/131 04E
11.	Tun-hua	43 19N/128 09E
12.	Ssu-p'ing	43 06N/124 39E 43 00N/124 46E 43 03N/124 33E
13.	Fu-shun	41 50N/123 56E 41 54N/123 46E 41 49N/123 59E
14.	Shen-yang	42 10N/123 46E 41 49N/123 29E
15.	Ku-pei-kou	40 41N/117 12E
16.	Chin-hsien	39 07N/121 45E 39 11N/121 49E 39 12N/121 44E
17.	Tien-ching	39 14N/117 09E
18.	Pei-ping	39 57N/116 08E
19.	Shan-yang	37 52N/113 09E
20.	Hsien-kang-chen	38 49N/112 33E
21.	Tai-yuan	38 01N/112 34E 38 01N/112 31E
22.	Yu-tzu	37 43N/112 46E
23.	Tai-ku	37 24N/112 37E
24.	Tai-ku	37 22N/112 30E
25.	Hsu-chou	34 15N/117 13E 34 16N/117 14E

AMMUNITION STORAGE

26.	Nan-ching	32 05N/118 50E 32 07N/118 47E
27.	Yen-shih	34 44N/112 48E
28.	Chang-chia	34 49N/109 04E
29.	Hsing-ping	34 19N/108 31E
30.	Tang-ho-chiao	34 14N/106 56E
31.	Liu-shih-erh	35 41N/104 14E
32.	Chang-sha	28 15N/113 01E 28 13N/113 05E 28 03N/112 58E
33.	Shang-jao	28 23N/117 54E 28 30N/117 52E
34.	Fu-chou	26 05N/119 14E
35.	Nan-ping	26 39N/118 08E
36.	Hsi-chin	26 34N/118 07E
37.	Wang-tai	26 36N/117 59E
38.	Yung-an	25 57N/117 22E 25 56N/117 20E
39.	Heng-yang	26 55N/112 40E
40.	Canton	23 07N/113 21E 23 09N/113 17E 23 12N/113 18E 23 11N/113 24E 23 11N/113 12E
41.	Lung-li	26 26N/106 56E
42.	K'un-ming	24 57N/102 35E 25 03N/103 03E 25 03N/102 50E

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KEY ARMAMENT PLANTS

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LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL OUTPUT	EST CURRENT ANNUAL CAP	REMARKS
CANTON	1			23 05 15N 113 25 00E	Huang-pu Shipyard a naval base	See Remarks. Repair est. 1% Bloc capacity	14,000 (Light Ship Tons)	Submarine chasers, minesweepers, and other small naval ships capability. Estimated that 10/15 motor gunboats of Swatow class are constructed at the various yards.
CH'ANG-CH'UN	2			43 51 47N 125 15 58E	Ch'ang-ch'un Motor Vehicle Plant	4000 each	30,000 each	Makes [redacted] "Liberation" Truck
CHENG-TU	3			30 42 55N 103 57 10E	Cheng-tu Airframe Plant 132	Undetermined	Undetermined	Large, new airframe plant nearing completion. Has extensive machining and assembly areas.
CH'I-CH'I-HA-ERH	4			47 21 14N 123 57 37E	Ch'i-ch'i-ha-erh Arsenal	10,000 ST	30,000 ST	Arty, mortar, and rocket ammo.
	5			47 21 14N 123 57 37E	Ch'i-ch'i-ha-erh Arsenal	100 each	500 each	Artillery
CHUNG-KING	6			29 34 45N 106 33 17E	Ch'ung-ch'ing (Chungking) Arsenal	200,000 each	300,000 each	Automatic and semi-automatic weapons.
DAIREN	7			38 58 04N 121 34 37E	Ta-lien Explosives Plant (Dairen)	10,000 ST	30,000 ST	
	8			38 55 44N 121 38 40E	Ta-lien Shipyard Port Arthur Dairen	See Remarks. Repair est. at 3% Bloc capacity	12,250 (Light Ship Tons)	Large naval auxiliary and other small naval ship capacity. Est. that 10/15 mortor gunboats of Swatow class are constructed at various yards.

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APPENDIX B TO TAB I

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LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL OUTPUT	EST CURRENT ANNUAL CAP	REMARKS
FOU-HSIN	9			42 01 10N 121 43 35E	Fou-hsin Explosives Plant	5,500 ST	11,000 ST	
FU-SHUN	10			41 50 28N 123 55 49E	Fu-shun Explosives Plant	16,500 ST	33,000 ST	
HANKOW	11			30 35 30N 114 01 40E	Tsai-tien Arsenal Han-ya	50,000 each	75,000 each	
HARBIN	12			45 42 20N 126 40 50E	Ha-erh-pin Munitions Plant	2,000 ST	4,000 ST	Small arms and automatic weapons ammunition.
	13			45 47 45N 126 42 45E	Ha-erh-pin Ammunition Plant	10,000 ST	30,000 ST	
	14			45 35 22N 126 38 23E	Ha-erh-pin Airframe Plant Ping-fang 122	36 MI-4 (HOUND)	144 MI-4	Moderate-sized airframe plant, engaged primarily in HOUND-type helicopter production. Contains machining, assembly, and test facilities.
HSIANG-T'AN	15			27 50 50N 112 40 10E	Hsiang-hsiang Arsenal	2,000 ST	6,600 ST	High explosives.
K'UN-MING	16			24 48 15N 102 34 50E	Hai-k'ou Arsenal 356	50,000 each	75,000 each	

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LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL OUTPUT	EST CURRENT ANNUAL CAP	REMARKS
SHEN-YANG	19			41 47 48N 123 29 30E	Shen-yang Arsenal	2,000 ST	4,000 ST	Small arms and automatic weapons ammunition.
	20			41 47 48N 123 29 30E	Shen-yang Arsenal	50,000 each	75,000 each	Automatic and semi-automatic weapons.
	21			41 52 20N 123 29 20E	Wen-kuan-tun Sub-Arsenal	11,500 ST	34,500 ST	
	22			41 17 10N 123 16 00E	Liao-yang Sub-Arsenal	5,500 ST	11,000 ST	
	23			41 17 10N 123 16 00E	Liao-yang Sub-Arsenal	2,200 ST	6,600 ST	High explosives.
	24			41 52 10N 123 25 25E	Shen-yang Airframe Plant 112	Unknown	250 MIG-17 (FRESCO)	Large airframe plant with machining, assembly, test, and R&D facilities, and with associated airfield. Produces fighters.
MU-TAN-CHIANG	25			44 35 00N 129 40 50E	Mu-tan-chiang Munitions Plant	2,000 ST	4,000 ST	Small arms and automatic weapons ammunition.
NAN-CH'ANG	26			28 38 04N 115 55 00E	Nan-ch'ang A/C Repair and Assembly Plant 320	60 AN-2 (COLT)	240 AN-2	Moderate-sized airframe plant with machining, assembly, and test facilities, and associated airfield. Has been producing COLT aircraft for a number of years.

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LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL OUTPUT	EST CURRENT ANNUAL CAP	REMARKS
PAO-T'OU	27			40 40 20N 109 53 30E	Ping-feng-she-cheng Armament Plant	200 each	1,000 each	Makes 100-mm field gun.
	28			40 39 55N 109 54 30E	Ping-feng-she-cheng Tank Plant	500 each	2,500 each	Makes CHICOM-copy of Soviet T-54/100
PEIPING	30			39 49 35N 116 08 04E (Test Stand Coords)	Peiping Rocket Engine Test Facility & Guided Missile Production Facility Chang-hsin-tien	No estimates	No estimates	Installation includes three large vertical and one horizontal stand. A large associated area containing fabrication/assembly and administrative/laboratory-type buildings.
SHANG-HAI	31			31 11 49N 121 29 01E	Shanghai naval base a shipyard Kiang-nan Dock Co.	See Remarks. Repair est. at 3% Bloc capacity.	28,700 (Light Ship Tons)	Submarines and other naval ships capability. Estimated that 10/15 motor gunboats of Swatow class are constructed as the various yards.
	32			31 16 05N 121 33 48E	Shanghai naval base a shipyard Hu-tang	See Remarks. Repair est. 1% Bloc capacity.	19,700 (Light Ship Tons)	Destroyer escorts and other naval ships capability. Estimated that 10/15 motor gunboats of Swatow class are constructed at the various yards.

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LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL OUTPUT	EST CURRENT ANNUAL CAP	REMARKS
SHANG-HAI	33			31 12 20N 121 29 50E	Shanghai Shipyard Kiousin	See Remarks. Repair est. 1% Bloc capacity	4,000 (Light Ship Tons)	Submarine chasers and other small naval ships capability. Estimated that 10/15 motor gunboats of Swatow class are constructed at the various yards.
	34			31 15 15N 121 32 41E	Shanghai Shipyard Shanghai Dockyards International Dock	See Remarks. Repair est. at .5% Bloc capacity.	3,000 (Light Ship Tons)	Fast patrol boats and other naval ships, up to 180 feet in length, capability. Estimated that 10/15 motor gunboats of Swatow class are constructed at the various yards.
HSI-AN	35			34 22 30N 108 59 00E	Hsi-an Arsenal	3,300 ST	9,900 ST	High explosives
	36			34 22 30N 108 59 00E	Hsi-an Arsenal	4,000 each	12,000 each	Aerial bombs
	37			34 22 30N 108 59 00E	Hsi-an Arsenal	7,500 ST	22,500 ST	
	38			34 39 13N 109 16 15E	Hsi-an Airframe Plant, Yen-liang Airfield	Undetermined	Undetermined	Large, new airframe plant under construction. Has extensive fabricating and assembly areas.
TAI-YUAN	39			37 53 06N 112 29 10E	Tai-yuan Arsenal New	100 each	500 each	Artillery
25X1	40			37 53 06N 112 29 10E	Tai-yuan Arsenal New	12,500 ST	37,500 ST	
	41			37 53 06N 112 29 10E	Tai-yuan Arsenal New	50,000 each	75,000 each	
	42			37 54 08N 112 33 11E	Tai-yuan Explosives Plant	11,000 ST	22,000 ST	

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LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL OUTPUT	EST CURRENT ANNUAL CAP	REMARKS
TAI-YUAN	43			37 54 08N 112 33 11E	Tai-yuan Explosives Plant	3,300 ST	9,900 ST	High explosives.
	44			37 59 0/N 112 32 0/E	Tai-yuan Missile Production Complex	120 Missiles	240	It is believed that several plants are cooperating to produce a surface-to-air missile. 25X1
TSI-NAN	46			36 42 40N 117 00 20E	Chi-nan Powder Plant	11,000 ST	22,000 ST	
WU-CH'ANG	47			30 31 55N 114 17 00E	Wu-ch'ang Shipyard	See Remarks. Repair est. 0% Bloc capacity.	3,000 (Light Ship Tons)	Submarines, minesweepers, and other naval ships capability. Estimated that 10/15 motor gunboats of Swatow class are constructed at the various yards.

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KEY INDUSTRIAL PLANTS

TAB "I" APPENDIX

25X1A

LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL CAPACITY	REMARKS
AN-SHAN	1			41-07-50N 122-59-33E	An-Shan Iron and Steel Plant	5,100 MT	Toluene
CHENG-TU	2			30-40-35N 104-04-55E	Cheng-Tu Radio and Components Plant	$7,536,815	Communication and Electronic Equipment
CHI-LIN	3			43-54-01N 126-35-29E	Chi-Lin Chemical Plant	800 MT	Toluene
	4			43-54-01N 126-35-29E	Chi-Lin Chemical Plant	109,000 MT	Ammonia
	5			43-54-01N 126-35-29E	Chi-Lin Chemical Plant	140,000 MT	Nitric Acid
HO-KOU	6			36-06-35N 103-34-26E	Lan-Chou Chemical Combine	34,000 MT	Ammonia
	7			36-06-35N 103-34-26E	Lan-Chou Chemical Combine	48,000 MT	Nitric Acid
HSI-AN	8			34-17-//N 108-58-//E	Hsi-An Radio Plant	$7,536,815	Communication and Electronic Equipment
KUANG-HAN	9			30-51-0/N 104-19-0/E	Chin-Tang Fertilizer Plant	17,000 MT	Ammonia
MIN-HANG	10			31-04-40N 121-27-50E	Shang-Hai Coke Chemical Plant Wuching	600 MT	Toluene

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APPENDIX C TO TAB I

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TAB "I" APPENDIX

KEY INDUSTRIAL PLANTS

LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL CAPACITY	REMARKS
NAN-CHING	11			32-12-45N 118-45-36E	Nan-Ching Chemical Plant Yung-Li Chemical Industry	65,500 MT	Ammonia
	12			32-12-45N 118-45-36E	Nan-Ching Chemical Plant Yung-Li Chemical Industry	20,000 MT	Nitric Acid
	13			32-03-11N 118-46-55E	Nan-Ching Elctn Plt Electric Industrial	$7,536,815	Communication and Electronic Equipment
	14			32-03-05N 118-46-54E	Nan-Ching Electron Tube & Lamp Plant	4,500,000 Units	Electronic Tubes and Semi-Conductor Devices
	15			32-01-08N 118-46-38E	Nan-Ching Radio Plant	$7,536,815	Communication and Electronic Equipment
	16			32-04-53N 118-46-14E	Nan-Ching Radar Plant	$7,536,815	Communication and Electronic Equipment
PAO-TOU	17			40-38-54N 109-47-32E	Pao-Tou Coke Chemical Plant Steel Kun-Tu-Lun	1,100 MT	Toluene
PEI-PING	18			39-54-33N 116-09-21E	Shih-Ching-Shan Iron and Steel Plant	1,100 MT	Toluene
	19			39-53-42N 116-28-10E	Pei-Ping Electronic Equip. Combine	$7,536,815	Communication and Electronic Equipment

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KEY INDUSTRIAL PLANTS

TAB "I" APPENDIX

LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL CAPACITY	REMARKS
PEI-PING (Contd)	20			39-58-40N 116-28-30E	Pei-Ping Electron Tube Plant	25,000,000 Units	Electronic Tubes and Semi-Conductor Devices
	21			39-51-16N 116-31-47E	Pei-Ping Coke and Chemical Plant	500 MT	Toluene
PEN-CHI	22			41-19-10N 123-45-56E	Pen-Chi Iron Plant	1,300 MT	Toluene
SHANG-HAI	23			31-13-21N 121-23-10E	Shang-Hai Chemical Plant Tien-Lee	2,300 MT	Ammonia
	24			31-13-21N 121-23-10E	Shang-Hai Chemical Plant Tien-Lee	5,000 MT	Nitric Acid
	25			31-14-27N 121-26-51E	Shang-Hai Wire Communications Eqp. Plt	$15,077,630	Communication and Electronic Equipment
TA-LIEN	26			38-55-10N 121-34-45E	Ta-Lien RR Car Mfg and Rpr Plt Darien	400 Units	Railroad Cars
	27			38-57-38N 121-37-19E	Ta-Lien Chemical Combine Kan-Ching-Tzu	400 MT	Toluene
	28			38-57-38N 121-37-19E	Ta-Lien Chemical Combine Kan-Ching-Tzu	104,700 MT	Ammonia
	29			38-57-38N 121-37-19E	Ta-Lien Chemical Combine Kan-Ching-Tzu	155,999 MT	Nitric Acid

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KEY INDUSTRIAL PLANTS

TAB "I" APPENDIX

LOCATION	TGT NR	CAT CODE	B.E. NUMBER	GEOGRAPHIC COORDINATES	NAME	EST CURRENT ANNUAL CAPACITY	REMARKS
TA-LIEN (Contd)	30			38-55-10N 121-34-45E	Ta-Lien Loco Mfg and Rpr Plt Darien	20 Units	Locomotives
TAI-YUAN	31			37-46-15N 112-27-50E	Tai-Yuan Chemical Fertilizer Plant	29,000 MT	Ammonia
	32			37-46-15N 112-27-50E	Tai-Yuan Chemical Fertilizer Plant	12,000 MT	Nitric Acid
	33			37-54-43N 112-32-30E	Tai-Yuan Iron and Steel Plant	1,300 MT	Toluene
TIEN-CHING	34			39-09-10N 117-09-40E	Tien-Ching CMNC Equipment Plt Central	$7,536,815	Communication and Electronic
WU-HAN	35			30-35-10N 114-19-00E	Wu-Chang Locomotive and RR Car Olant	100 Units	Railroad Cars
	36			30-38-18N 114-26-47E	Wu-Han Iron and Steel Plant	2,200 MT	Toluene

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FIGURE IV-1

COMMUNIST CHINA — PRINCIPAL PORTS

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Shanghai (31°14'N., 121°28'E.)	79,500	None	Anchorage: Large numbers of all classes of berths are available in the roadstead of the Yangtze River. There are also numerous locations in the Huang-p'u Chiang where vessels anchor, but no count of the number or size of such berths can be determined. Fixed moorings: 5 class A, 7 class B, 15 class C, 24 class D, and numerous berths for standard class E and F vessels. Wharfage (lin.ft.): 66,000 (approx.)* Storage Covered (sq. ft.): More than 8,500,000 POL (bbl.): 3,000,000 (approx.) Open (acres): 75 (approx.) Note: Shanghai is the most important commerical and naval port in Communist China. It is the site of most of the main shipyards in the country and is an important thransshipment point for central China. The port can accommodate 12 large, 18 standard, and 38 small oceangoing vessels alongside the wharves as well as numerous vessels of other classes.
Dairen (38°55'N., 121°39'E.)	57,600	None	Anchorage: Numerous berths of all classes are available immediately NE. of the E. entrance. Fixed moorings: 2 class B and 1 class C fixed mooring berths. Storage Covered (sq. ft.): 3,315,000 (approx.) POL (bbl.): More than 1,700,000. Open (acres): 150 (approx.) Note: Dairen, the largest and most important port in N. China, is located on the SE. coast of the Liaotung Peninsula. The port can accommodate at least 13 large and 30 standard oceangoing ships.

25X1 * Berths with depths of less than [redacted] are not included.

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APPENDIX D TO TAB I

FIGURE IV - 1 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Tientsin/Tank-ku/ Ta-ku/Hsin Chiang (38°59'N., 117°44'E)	52,000	None	Anchorage: Large numbers of all classes of ships in area 4½ miles ESE. of Ta-ku Shuan-Chou. Fixed moorings: None Wharfage: 40,000 (approx.) Storage Covered (sq. ft.): 1,200,000 POL (bbl.): 964,400 (approx.) Open (acres): 25 Note: Located in N. China on the Gulf of Chihli, Tientsin is an important commercial port and transshipment point in N. China. A series of deep-water berths is presently under construction in the outer harbor. The port can accommodate 2 large and 10 standard ocean going cargo ships.
Tsingtao (36°05'N., 120°19'E)	36,000	None	Anchorage: Large numbers of all classes of vessels in Chiao-Chow Wan and S. of Ching-tao Wan. Fixed moorings: No fixed or free-swinging mooring berths. Wharfage (lin.ft.): More than 32,000. Storage Covered (sq. ft.): 880,300 POL (bbl): 300,000 (approx.) Open (acres): 43 with an additional 36 which is presently used for bulk salt, coal and iron storage. Note: Very important North-central Chinese commercial port and submarine operating and training base. Tsingtao can accommodate at least 10 large and 15 standard oceangoing ships. Controlling depth in entrance to Great Harbor is believed to be 33 ft. at MLW.

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TAB I

FIGURE IV-2

COMMUNIST CHINA — SECONDARY PORTS

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Amoy (24°27'N., 118°04'E)	9,000	None	Anchorage: Large numbers of all classes of vessels. Fixed moorings: 1 class A Wharfage (lin. ft.) 2,800 Storage Covered (sq. ft.): 370,000 (approx.) POL (bbl.): 115,000 (approx.) Open (acres): 10 Note: Amoy's importance as a commercial port has been significantly reduced by the Nationalist blockade. Figures given above are generally the same as in the NIS because of the lack of information on the port.
Canton,/Huang-pu	20,500	None	Anchorage: 3 standard oceangoing vessels. Fixed moorings: 6 small oceangoing vessels Wharfage (lin. ft.): 21,000 Storage Covered (sq. ft.): Over 2 million POL (bbl.): 400,000 Open (acres): 30 Note: Important commercial and agricultural center. Headquarters and principal naval base for South Sea Fleet. Alongside accommodations for 5 stardard and 2 small oceangoing vessels. Depth in river limits vessels to draft [redacted]

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TAB I

FIGURE IV-2 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Chefoo* (37°32'N., 121°24'E.)	3,600	None	Anchorage: Large numbers of all classes of berths in the NW part of outer harbor. Fixed moorings: Possible 2 class C berths. Wharfage (lin. ft.): 2,835 Storage Covered (sq. ft.): 43,800 POL (bbl.): None Open (acres): More than 10.
Ch'in'huang-tao (39°55'N., 119°37'E.)	5,400	None	Anchorage: Roadstead anchorage for large numbers of all classes of ships. Fixed moorings: None Wharfage (lin. ft.): 4,100 Storage Covered (sq. ft.): 287,500 POL (bbl.): None Open (acres): 30 Note: Ch'in-huang-tao, one of the most heavily used secondary ports in China, is currently undergoing considerable expansion. The port can accommodate at least 1 large and 2 standard ocean-going cargo ships.
Fort Bayard (Chan-chiang)	4,500	None	Anchorage: Unlimited. Wharfage (lin. ft.): 5,600 Storage Covered (sq. ft.): 282,000 POL (bbl.) 300,000 (approx.) Open (acres): 6 Note: Important deepwater port serving agricultural area of southern part of country. Alongside accommodations for 3 large oceangoing vessels. Minor naval base is located in the port.

* Late photographic prints are not available in this office and were not used in arriving at the above figures

FIGURE IV-2 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Hu-lu-tao (40°43'N., 121°00'E.)	7,200	None	Anchorage: 3 class II and 4 class III berths E. of S. Breakwater and numerous class III berths S. of S. Breakwater. Fixed moorings: None Wharfage (lin.ft.): 5,100 (approx.) Storage Covered (sq. ft.): 126,450 (approx.) POL (bbl.): 255,000 Open (acres): More than 30. Note: Hu-lu-taeo, once an important secondary port, is believed to have lost some of its former importance. The wharves appear to be generally in poor repair, some of the storage facilities have been removed, and construction which was in progress [redacted] has ceased.
Lien-Y'un* (34°44'N., 119°27'E)	1,000	None	Anchorage: An anchorage area for small craft and junks lies N. of West Male; controlling depth about 16 ft. Fixed moorings: No fixed or free-swinging mooring berths. Wharfage (lin. ft.): 2,200 Storage Covered (sq. ft.): 82,000 POL (bbl.): None Open (acres): 12 (approx.) Note: Secondary port of little over-all importance at this time. Controlling depth in entrance channel [redacted]

* Late photographic prints are not available in this office and were not used in arriving at the above figures.

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TAB I

FIGURE IV-2 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS	
Port Arthur (38°48'N., 121°16'E)	8,880	Restricted harbor entrance could possibly be a bottleneck.	Anchorage:	3 class III berths in harbor; numerous berths for all classes in the roadstead.
			Fixed moorings:	4 class DL and 2 class PT Med-moorings, and 2 class B fixed-moorings.
			Wharfage (lin. ft.):	6,600
			Storage	
			Covered (sq. ft.):	104,000 (approx.)
			POL (bbl.):	270,000 (estimated)
			Open (acres):	Limited space adjacent to major wharves.
Ying-k'ou* (40°41'N., 122°14'E.)	4,200	None	Anchorage:	Large numbers of coaster-type cargo vessels.
			Fixed moorings:	None
			Wharfage (lin.ft.):	9,000
			Storage	
			Covered (sq. ft.):	484,000
			POL (bbl.)	151,900
			Open (acres)	60 (approx).

* Late photographic prints are not available in this office and were not used in arriving at the above figures.

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TAB I

FIGURE IV-3

COMMUNIST CHINA

MINOR PORTS

Table of Minor Ports

Port		Est. Mil. Port Cap. (ST/day)
Ting-hai	(30°01'N., 122°06'E)	1,300
Chen-hai	(29°57'N., 121°42"E)	100
Ch'uan-shan	(29°53'N., 121°56'E)	Less than 100
Hsiang-shan Chiang	(29°38'N., 121°48'E)	Less than 100
Shih-p'u	(29°13'N., 121°56'E)	150
Hai-men	(28°41'N., 121°26'E)	200
Wenchow	(28°01'N., 120°39'E)	700
Sha-ch'eng Chiang	(27°11'N., 120°23'E)	Cannot be determined.
San-tu-ao	(26°38'N., 119°40'E)	Less than 500
Lo-yuan Wan	(26°25'N., 119°43'E)	Less than 100
Foochow	(26°03'N., 119°19'E)	At least 500*
Tung-shan	(23°44'N., 117°37'E)	Less than 100
Chao-Ao wan	(23°41'N., 116°38'E)	Less than 100
Nan-aoutao	(23°26'N., 119°40'E)	Less than 100
Swatow	(23°22'N., 116°41'E)	200
Shan-wei	(22°45'N., 115°21'E)	380
Chung-shan	(27°22'N., 113°34'E)	Less than 500.
Nan-ao	(21°38'N., 112°33'E)	Less than 100
Sha-ti	(21°36'N., 112°44'E)	Cannot be determined.
Cha-p'o	(21°35'N., 111°50'E)	Cannot be determined.
Lung-kou	(37°39'N., 120°19'E)	Less than 100
Wei-hai-wei	(37°30'N., 122°10'E)	1,000
An-tung	(40°08'N., 124°24'E)	500 (estimated)

* There are more than 3,000 linear feet of wharfage in the Foochow complex, but no alongside depths are known.

FIGURE IV-3 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Ting-hai (30°01'N., 122°06'E.)	1,300	None	Anchorage: 16 Class I; 5 class II; 5 class 3 between P'an-hsu Shan and inner harbor. Fixed moorings: None. Wharfage (lin. ft.): 2,720 with over [redacted] depth alongside. Storage: Covered (sq. ft.): More than 50,000 including probable military covered storage. POL (bbl.): 120,000 (approx.) Open (acres): 6. Note: There are an additional 800 linear ft. of alongside berthing space with depths of less than [redacted]
Chen-hai (29°57'N., 121°42'E.)	100	None	Anchorage: Unlimited anchorage for class II and III berths in roadstead. Fixed moorings: None. Wharfage (lin. ft.): 500 (approx.) Storage: Covered (sq. ft.): Unknown POL (bbl.): None Open (acres): 1-2.
Chuan-shan (29°53'N., 121°56'E)	Less than 100	None	Anchorage: Limited berths for small ocean-type cargo ships. Fixed moorings: None Wharfage (lin. ft.): na. Storage: Details na.
Hsiang-shan Chiang (29°38'N., 121°48'E)	Less than 100	None	Anchorage: Extensive for all classes of ships. Fixed moorings: None Wharfage (lin. ft.): na. Storage: na.

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TAB I

FIGURE IV-3 - continued)

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS	
Hai-men (28°41'N., 121°26'E)	200	None	Anchorage:	Limited, protected, for small ships
			Fix moorings:	None
			Wharfage (lin. ft.):	More than 400
			Storage:	
			Covered (sq. ft.):	60,000 (approx.)
			POL (bbl.):	4,300 (approx.)
			Open (acres):	na.
Wenchow (28°01'N., 120°39'E)	700	None	Anchorage:	Limited protected anchorage for coasters and small craft.
			Fixed moorings:	None
			Wharfage (lin. ft.):	800 (approx.)
			Storage:	na.
Sha-ch'eng Chiang (27°11'N., 120°23'E)	na	None	Anchorage:	Limited for small ocean-going ships.
			Fixed moorings:	None
			Wharfage (lin. ft.):	na
			Storage:	23 warehouses, capacities na.
San-tu-ao (26°38'N., 119°40'E)	Less than 500.	None	Anchorage:	Extensive for all classes of ships.
			Fixed moorings:	None
			Wharfage (lin. ft.):	More than 600
			Storage:	
			Covered (sq. ft.):	20,000 (approx.)
			POL (bbl.):	Some available, details na
			Open (acres):	na
o-yuan Wan (26°25'N., 119°43'E)	Less than 100.	None	Anchorage:	Fairly extensive for all classes of ships.
			Fixed moorings:	None.
			Wharfage (lin. ft.):	na
			Storage:	na

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TAB I

FIGURE IV-3 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS	
Foochow (26°03'N., 119°19'E)	At least 500.	Foochow harbor is 30 mi. upstream from the mouth of the Min Chiang.	Anchorage:	Limited protected anchorage for small ocean-going ships in Pagoda Anchorage at Ma-wei; small craft anchorage at Foochow.
			Fixed moorings:	Reported; details na.
			Wharfage (lin. ft.):	Over 1,000.
			Storage:	
			Covered (sq. ft.):	Over 50,000.
			POL (bbl.):	na
			Open (acres):	Some available.
Tung-shan (23°44'N., 117°30'E)	Less than 100.	None	Anchorage:	Limited for all classes of ships.
			Fixed moorings:	na.
			Wharfage:	na.
			Storage:	na.
Chao-ao Wan (23°41'N., 116°38'E)	Less than 100.	None	Anchorage:	Limited for coasters.
			Fixed moorings:	None.
			Wharfage (lin. ft.):	na.
			Storage:	About 11,200 sq. ft. covered.
Nan-ao Tao	Less than 100.	None	Anchorage:	Extensive for small craft.
			Fixed moorings:	None.
			Wharfage (lin. ft.):	About 400.
			Storage:	
			Covered (sq. ft.):	60,000 (approx.)
			POL (bbl.):	4,500 (approx.)
			Open (acres):	na.
Swatow (23°22'N., 116°41'E)	200	None	Anchorage:	Limited for small cargo ships and extensive for coasters in river.
			Fixed moorings:	Some, details na.
			Wharves (lin. ft.):	400 (approx.)
			Storage:	
			Covered (sq. ft.):	More than 500,000
			POL (bbl.):	Some details na
			Open (acres):	3 1/2.

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FIGURE IV-3 - continued

NAME	EST. MIL. PORT CAP. (ST/day.)	BOTTLENECKS	REMARKS	
Shan-wei (22°45'N., 115°21'E)	380	None	Anchorage:	Unlimited class III berths available within a 5 mile radius of port; unlimited class I and II in Hong Hai Wan.
			Fixed moorings:	None
			Wharfage (lin. ft.):	1,185 (approx.)
			Storage:	
			Covered (sq. ft.):	At least 21,000
			POL (bbl.):	5,000 (approx.)
			Open (acres):	2
Chung-shan (27°22'N., 113°84'E)	Less than 100.	None	Anchorage:	Extensive for small craft.
			Fixed Moorings:	None
			Wharfage (Lin. ft.):	400
			Storage:	
			Covered (sq. ft.):	na
			POL (bbl.):	Warehouse for packaged products.
			Open (acres):	na
Nan-ao (21°38'N., 112°33"E)	Less than 100.	None	Anchorage:	Fairly extensive for small ocean-going cargo ships.
			Fixed moorings:	None
			Wharfage (lin. ft.):	na
			Storage:	na
Sha-ti (21°36'N., 112°44'E)	Cannot be determined	None	Anchorage:	Limited anchorage for coasters and small ocean-going ships.
			Fixed moorings:	None
			Wharfage (lin. ft.):	na
			Storage:	na
Cha-p'o (21°35'N., 111°50'E)	Cannot be determined	None	Anchorage:	Limited anchorage for coasters.
			Fixed moorings:	None
			Wharfage (lin. ft.):	na
			Storage:	na

FIGURE IV-3 - continued

NAME	EST. MIL. PORT CAP. (ST/day)	BOTTLENECKS	REMARKS
Lung-k-ou (37°39'N., 120°19'E)	Less than 100.	Ice during severe winters.	Anchorage: Fairly extensive for most classes of vessels. Fixed moorings: None Wharfage (lin. ft.): na Storage: na
Wei-hai-wei (37°30'N., 122°10'E)	1,000	Ice during severe winters.	Anchorage: Fairly extensive for most classes of vessels. Fixed Moorings: None Wharfage (lin. ft.): 1,400 with more than [redacted] alongside; 3,000 ft. supplemental. Storage: na
An-tung (40°08'N., 124°24'E)	Cannot be accurately determined.* Rough estimate of 500	Port closed by ice Dec. 1-Mar 31.	Anchorage: None Fixed moorings: None Wharfage (lin. ft.); 3,250 Storage Covered (sq. ft.): More than 127,000 POL (bbl.): na Open (acres): At least 18.

25X1

* While the port has over 3,000 linear feet of wharfage, it is lighter wharfage, and since there are no anchorage berths served, a port capacity cannot be determined using the standard formula; but estimate of 500 short tons provided for planning purposes only.

TAB I

25X1A

TAB I - KEY TELECOMMUNICATION TARGETS

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
1			Lasha 29-39N/91-06E	Telecom center for the Tibet Region, with radio and wire facilities.	Provides long range radio, telephone, and telegraph facilities.
2			Lhachhusumdo 30-30-00N/091-07-25E	Long range radiocommunication station operated by the Chinese Air Force.	Could serve as combined service radio facility if needed.
3			Lhatse Dzong 29-10N/87-45E	Telecom relay center, wire facilities.	On main wire route to Nepal and western Tibet.
4			Gyantse 28-57N/89-38E	Telecom relay center, wire facilities.	On main wire route to Sikkim Region.
5			Gartok 31-45N/80-22E	Telecom relay center, wire facilities.	On main route to Sinkiang Regions.
6			Taklakhar 30-16N/81-10E	A military radiocommunication center, general use.	Serves military units and civil authorities in Jammu-Kashmir Region.
7			Nagchhu Dzong 31-30N/92-00E	Telecom relay center, wire facilities.	A main wire terminal from Lasha to the Lanchou Military Region.
8			Hanoi: 21-02-51N/105-51-10E	Radiocommunication station, general purpose receiver site. International facility.	Telecom center for domestic and international communications. Radio, telephone, and telegraph facilities.
			20-58-50N/105-46-00E	Radiocommunication, general purpose, transmitter site. International facility.	

APPENDIX E TO IAB I

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
8, Hanoi					
			21-01-33N/105-51-29E	Telephone/telegraph central exchange.	
			21-02-56N/105-47-31E	Radiobroadcast station, transmitter site.	
9			Mon Cay 21-31N/107-58E	Telephone/telegraph terminal facility.	On one of the main lines from Canton, China.
10			Haiphong: 20-52-02N/106-42-05E	Radiocommunication station for international use.	Alternate telecom center for domestic and international communications.
			20-51N/107-41E	Radiocommunication station for coastal use.	
11			Lao Kay: 22-28-45N/103-58-49E	Radiocommunication station for general use.	On main wire line from Hanoi into Communist China.
				Telephone/telegraph terminal facility.	
12			Hoa Binh: 20-50N/105-20E	Telephone/telegraph terminal facility.	
			20-50N/105-20E	Radiocommunication station, general use.	
13			Thanh Hoa: 19-48-22N/105-46-26E	Radiobroadcast station, transmitter site.	

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Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
13, Thanh Hoa (cont'd)					
			19-48N/105-47E	Radiocommunication station, general use.	
			19-48N/105-47E	Telephone/telegraph terminal facility.	
14			Vinh: 18-39-50N/105-41-40E	Radiocommunication station, general use.	A main telecom terminal on north-south traffic.
			17-03N/107-01E	Telephone/telegraph terminal facility.	
15			Ta-Li 25-42N/100-11E	A military telecom center.	Headquarters of the 14th Chinese Army.
16			K'Ai-yuan 23-42N/103-14E	A military telecom center.	Headquarters of the 13th Chinese Army.
17			Canton (Kuang-Chou): 23-07-45N/113-15-40E	Military radiocommunication station No. 1.	Facilities of this location serve the main civil/military telecom users, providing radio, telephone, telegraph, and special purpose services.
			23-08-18N/113-15-39E	Military radiocommunication station No. 2.	
			23-07-20N/113-10-10E	Radiocommunication receiver station.	
			23-06-12N/113-16-21E	Radiocommunication transmitter station.	
			23-06-43N/113-14-34E	Telephone central	
			23-07-25N/113-08-32E	Long-range radio direction finding station.	

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Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
18			Kunming: 24-55-35N/102-47-48E	Radiocommunication station, combined services.	Facilities of this location serve the main civil/military telecom users, providing radio, telephone, telegraph and special purpose service.
			25-02-52N/102-41-24E	Radiocommunication station, general purpose.	
			24-56-05N/102-46-43E	Long-range radio direction finding station.	
			31-21-10N/121-02-10E	Telephone central.	
19			Nan-Ning: 22-48N/108-18E	Telephone and telegraph central, for civil/military service.	Facilities serve as alternate routing terminals.
			22-48N/108-18E	Radiocommunication station, general use.	
20			An Ning 24-52-35N/102-28-55E	Radiocommunication station for combined services.	Provides long-range telecom service.
21			Chang-Sha 28-12N/112-58E	Telecom center, radio and wire facilities.	A main terminal and relay point on Peiping radio relay and cable system serving South China Regions.
22			Heng-Yang 26-12N/112-36E	Telecom center, radio and wire facilities.	Same as above.
23			Kuei-Yang 26-35N/106-43E	Telecom center, radio and wire facilities.	A main terminal on Canton-Kunming system and possible alternate route terminal.
24			Chungking 29-34N/106-35E	Telecom center, radio and wire facilities.	A major military headquarters and civil network, main terminal into southwest regions, and alternate route point.

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Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
25			Cheng-Tu 30-40N/104-04E	Telecom center, radio and wire facilities.	A main terminal on the civil/military telecom system to the Lasha region from the Canton-Kunming Military Regions.
26			Shanghai: 31-16-58N/121-23-20E	Radiocommunication station, transmitter site.	The combined facilities of this location provide overall telecom service to the civil/military authorities, along with special purpose services.
			31-18-00N/121-27-22E	Radiocommunication station No. 1.	
			31-17-16N/121-29-05E	Radiocommunication station No. 2.	
			31-15-53N/121-28-14E	Radiocommunication station No. 3.	
			31-13-59N/121-23-03E	Radiocommunication station No. 4.	
			31-12-26N/121-27-28E	Radiocommunication station No. 5.	
			31-19-18N/121-29-42E	Radiocommunication station No. 6.	
			31-25-42N/121-25-24E	Long-range radio direction finding station.	
27			Nanking(Nan-Ching): 32-01-10N/118-50-35E	Radiocommunication station, military, combined service.	The combined telecom facilities of this location provide service to civil/military authorities.

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
27, Nanking (Nan-Ching), (cont'd)					
			32-02-22N/118-46-42E	Radiocommunication station No. 4.	
			32-02-13N/118-43-18E	Radio transmitter site for broadcasting.	
			32-04-57N/118-44-54E	Radiocommunication station No. 1, Naval.	
			32-05-00N/118-46-48E	Radiocommunication station No. 1, Military	
			32-03-47N/118-45-11E	Radiocommunication station No. 2, Naval	
			32-03-48N/118-46-36E	Radiocommunication station No. 2, Military.	
			32-03-07N/118-46-20E	Radiocommunication station, Army Air Hq. No. 1.	
			32-02-41N/118-45-54E	Radiocommunication station, Army Air Hq. No. 2.	
			32-02-20N/118-46-11E	Radiocommunication station No. 3.	
			32-00-00N/118-45-28E	Radiocommunication station No. 3, Military.	
			31-58-11N/118-48-38E	Radiocommunication station, Airborne Unit Bks.	

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
27, Nanking(Nan-Ching), (cont'd)					
			32-03-40N/118-46-03E	Telephone Exchange No. 1.	
			32-01-29N/118-46-34E	Telephone Exchange No. 2.	
			32-02-02N/118-46-54E	Telegraph office.	
28			Cheng-Chou(Cheng-Hsien) 34-45N/113-38E	Telecom center with radio and wire facilities.	A main terminal and relay point on Peiping primary wire/radio system.
29			Suchow(Hsu-Chou) 34-15-45N/117-10-51E	Telegraph office.	Location also serves as a radiocommunication facility and a main terminal and relay point on the Peiping/Shanghai system for civil and military authorities.
			34-15-45N/117-11-25E	Telephone exchange.	
30			Hangchow 30-15-45N/120-08-22E	Radiocommunication station, general use.	Location also serves as a main terminal and relay point on Peiping radio and wire primary system to the Canton region of South China.
31			Amoy (Hsia-Men) 24-35-57N/118-01-28E	Radiocommunication station, Naval, Ma Luan	Direction finding facilities are also believed to exist. Not in BE.
32			Fu-Chou: 26-02-58N/119-18-00E	Radio transmitter site for broadcasting.	The combined telecom facilities of this location provide civil and military authorities with telecom services. Special purpose facilities may also be operational.
			26-05-//N/119-18-//E	Radiocommunication station, No. 1.	

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
32, Fu-Chou (cont'd)					
			26-03-//N/119-19-//E	Radiocommunication station, No. 2.	Both are for general use.
			26-05-57N/119-18-20E	Radiocommunication station, combined use.	
			26-04-40N/119-19-38E	Radiocommunication station, East, general.	
			25-59-35N/119-16-25E	Radio navigation station, aeronautical use.	
			26-01-26N/119-16-31E	Radiocommunication station, Tang Chia, for combined use.	A radio transmitter site for broadcasting is located here also.
			26-02-00N/119-18-41E	Radiocommunication station, transmitter site, Tsan Chien Shan.	
			26-05-26N/119-17-29E	Telegraph office.	
			26-03-17N/119-18-15E	Telegraph office, Nan Tai.	
33			Swatow (Shan-Tou): 23-22-07N/116-40-32E	Radiocommunication station, general use.	The combined telecom facilities provide civil/military/naval authorities with extensive telecom service.
			23-23-05N/116-40-30E	Radiocommunication station, general use.	
			23-21-12N/116-40-10E	Radiocommunication station for coastal and maritime communications.	

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
33, Swatow (Shan-Tou), (cont'd)					
			23-21-32N/116-39-49E	Telegraph office.	
			23-21-31N/116-40-12E	Telephone exchange.	
34			Hankow 30-25N/114-16E	Telecom center with radio and wire.	A main terminal and relay point on Peiping/Canton telecom system.
35			Peiping: 40-04-30N/116-14-20E	Radiocommunication station, transmitter site, international service, Liu Li.	Telecom center for civil/defense and special purpose authorities. Maintains control over all telecom activities and functions.
			39-54-21N/116-20-40E	Radiocommunication facility; microwave radio relay terminal and control point.	
			40-03-01N/116-32-01E	Radiocommunication station, transmitter site, Sun Ho Chen.	
			39-44-50N/116-27-30E	Long-range radio direction finding station.	
			39-54-28N/116-22-17E	Telephone and telegraph central.	
36			Mukden (Shen-Yang): 41-49-31N/123-28-30E	Radiocommunication station No. 1, combined use.	Telecom center for Northern China regions, telecom facilities provide civil/military authorities with extensive service.
			41-47-34N/123-27-04E	Radiocommunication station No. 2, combined use.	
			41-47-44N/123-25-12E	Telephone and telegraph central No. 1.	

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
36, Mukden (Shen-Yang), (Cont'd)					
			41-47-32N/123-22-22E	Telephone and telegraph central No. 2.	
37			I-Hsien 41-32N/121-15E	Telecom center with wire and radio facilities.	A main terminal and relay point on Peiping-Mukden system.
38			An-Tung: 40-07-29N/124-23-15E	Radiocommunication station for telephone and telegraph services.	A main terminal and relay point on system from Mukden to North Korea. Radio and wire facilities are extensive for civil/military users.
			40-07-29N/124-23-25E	Radio transmitter site for broadcasting.	
			40-08-0/N/124-23-0/E	Radio telephone and telegraph office.	
			40-08-00N/124-23-22E	Telegraph office No. 1.	
			40-07-56N/124-23-42E	Telegraph office No. 2.	
39			Pyongyang: 39-00-34N/125-44-59E	Telephone/telegraph terminal facility and repeater station.	Telecom control center for North Korea communications.
			38-57-30N/125-41-05E	Radiocommunication station, general use.	
40			Sinuiju: 40-06N/124-24E	Telephone/telegraph terminal facility and repeater station.	A main terminal on circuits from the Mukden, China regions.
			40-06N/124-24E	Aeronautical radiocommunication station.	

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Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
41			Sakchu 40-24N/125-02E	Telephone/telegraph terminal facility.	
42			Kanggye 40-58N/126-36E	Telephone/telegraph terminal facility and repeater station.	
43			Hungnam 39-50N/127-38E	Telephone/telegraph terminal facility.	
44			Hamhung 39-54N/127-32E	Telephone/telegraph terminal facility and repeater station.	A main telecom terminal on east coast, for north-south traffic.
				Radiocommunication station, general use.	
45			Chongjin 41-46N/129-49E	Telephone/telegraph terminal facility.	A main telecom terminal on northern section of east coast.
				Radiocommunication station, general use.	
				Coastal and meteorological radiocommunication station.	
46			Songjin 40-41N/129-12E	Telephone/telegraph terminal facility.	
47			Hyesanjin 41-24N/128-10E	Telephone/telegraph terminal facility and repeater station.	A main telecom terminal on western borders with China.
48			Musan 42-14N/129-13E	Telephone/telegraph terminal facility.	
49			Chasong 41-28N/126-38E	Telephone/telegraph terminal facility.	A main relay terminal for wire traffic serving western areas.

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
50			Konha-Dong 41-08N/126-22E	Telephone/telegraph terminal facility.	
51			Wonson: 39-10N/127-26E	Telephone/telegraph terminal facility and repeater station.	A main telecom terminal for east coast traffic from Hamhung.
				Radiocommunication staion, general use.	
				Coastal radiocommunication station.	
52			Changdo-ri 38-30N/127-40E	Telephone/telegraph terminal facility and repeater station.	
53			Sariwon: 38-30-//N/125-44-//E	Telephone/telegraph terminal facility and repeater station.	A main telecom terminal on communications south from Pyongyang.
				Radiocommunication station, general use.	
54			Tientsin(T'ien-Ching): 39-06-34N/117-12-06E	Radiocommunication station, general use.	A main terminal and relay point as well as alternate control with Peiping on the systems into Northern regions and to Shanghai area.
			39-09N/117-09E	Radiocommunication station, transmitter site.	
			39-08-06N/117-11-04E	Telegraph central office.	
			39-08-28N/117-10-44E	Telephone central exchange. Main office.	

Target Number	Category Code	PE Number	Location and Geographic Coordinates	Description	Remarks
54, Tientsin(T'ien-Ching), (cont'd)					
			39-07-58N/117-11-33E	Telephone exchange, East.	
			39-09-38N/117-11-33E	Telephone exchange, North.	
55			Tsingtao (Ching-Tao): 36-03-25N/120-17-25E	Radiocommunication station, Naval.	Telecom center for naval/civil and military authorities with radio, wire and possible site of a special purpose VLF naval communication station.
			36-03-03N/120-08-00E	Radiocommunication station, Hsin Chuang.	
			36-06N/120-18E	Radiocommunication station, transmitter site.	
			36-04-26N/120-18-47E	Telephone central No. 1.	
			36-05-//N/120-20-//E	Very low frequency (VLF) radiocommunication station for naval use.	Assumption only.
56			Harbin (Ha-erh-pin): 45-44-42N/126-37-35E	Radio transmitter site for broadcasting.	A main terminal and relay point on telecom system from Mukden north to Soviet Siberia regions and to North Korea. Telecom facilities for civil/military authorities are extensive.
			45-43-58N/126-38-21E	Radio transmitter site No. 1 for broadcasting.	
			45-41-40N/126-49-30E	Radiocommunication station, general use.	
			45-45-54N/126-37-12E	Telephone and telegraph Office No. 1.	

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Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
56, Harbin (Ha-erh-pin), (cont'd)					
			45-45-27N/126-38-21E	Telephone and telegraph office No. 2.	
			45-46-49N/126-37-57E	Telegraph office.	
			45-36N/126-30E	Radiocommunication station, transmitter site.	
57			Ch'ang-Ch'un: 43-53-32N/125-18-21E	Radiocommunication station, general use.	A main terminal and relay point on the Mukden/Harbin system. Radio and wire facilities available.
			43-52-58N/125-19-02E	Radiocommunication station for telephone and telegraph.	
			43-52-58N/125-19-02E	Telephone and telegraph central for above radio facility.	
58			Kirin (Chi-lin): 43-50-04N/126-33-10E	Radiocommunication station, general use.	Located on main route from Ch'ang-Ch'un to North Korea. Provides radio and wire facilities.
			43-50-24N/126-32-50E	Telegraph office.	
			43-50-20N/126-32-58E	Telephone exchange.	
59			Pei-an 48-14-18N/126-30-00E	Telephone and telegraph office.	Located on railroad line north of Harbin, controls railroad operations.
60=			Hailar (Hai-la-erh) 49-12N/119-42E	No telecom in BE. A civil/military telecom center. Radiocommunication station, general use.	Located on main route from Harbin to Soviet Siberia regions, has radio and wire facilities, for civil and military authorities.

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SECRET

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
61			Mu-tan-chiang 44-35N/129-36E	Telecom center, wire facilities mostly.	Located on main line from Harbin to Soviet Siberia and North Korea. A main wire terminal and relay point for civil and military authorities.
62			Tung-Liao 43-37N/122-16E	Telecom center, wire facilities mostly.	A main terminal and relay point on Peiping system to northwest areas.
63			Chi-Ning 40-57N/113-02E	Telecom center, mostly wire facilities.	A main terminal and relay point on telecom system into Mongolia regions, and Ulan Bator.
64			Tai Yuan: 37-52-20N/112-33-27E	Radiocommunication station, combined use. (A civil/military telecom center).	Location is a main terminal and relay point for Peiping to Hsian regions, by means of alternate routings, etc.
			37-51-34N/112-33-30E	Telegraph office No. 1.	
			37-51-57N/112-33-17E	Telegraph office No. 2.	
			37-51-47N/112-33-53E	Telephone exchange.	
65			Tung-Kuan 34-36N/110-15E	Telecom center, mostly wire.	On main route from Peiping to Hsian.
66			Sian (Hsian) 34-23-10N/108-41-45E	Telecom center, with extensive wire and radio services.	A main terminal and relay point on the Peiping system to western regions. Major radiocommunication facility is located nearby at Hsien-Yang.

SECRET

Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
67			Pao-Chi 34-22N/107-07E	Telecom center, with wire and radio services.	A main terminal and relay point on system westward of Sian.
68			Lanchou 36-03N/103-41E	Telecom center, with wire and radio facilities.	A main terminal and relay point on telecom system westward of Sian.
69			Hsi-Ning 36-37N/101-46E	Telecom center, with wire and radio facilities.	A main terminal and relay point on telecom system west of Lanchou on route to Lasha Regions.
70			Pao-Tou 40-35N/110-02E	Telecom center with wire and radio facilities.	A main terminal on system from Sian to areas along the Mongolian borders.
71			Shuang Cheng Tzu: 42-07-01N/101-03-0/E	Radiocommunication station, general use.	Telecom facilities provide service for a large missile complex.
			41-22-0/N/100-43-0/E	Radio relay station, microwave facility. Used within the missile complex.	
			40-25-45N/099-44-30E	Radiocommunication station, general use.	Possibly for long range use.
			40-25-30N/099-46-20E	Radiocommunication station, general use.	Same as above.
72			Tien-Tsung-Ta-Wan 41-08-05N/100-17-23E	Radiocommunication station, transmitter site.	Assumed to be part of same missile complex as #71.
73			Turfan (Tu Lu Fan) 42-56N/89-10E	Telecom center, with wire and radio facilities.	A main terminal and relay point on system to western regions.

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Target Number	Category Code	BE Number	Location and Geographic Coordinates	Description	Remarks
74			Urumchi (Ti-Hua) 43-44N/087-36E	Telecom center, with radio and wire facilities.	A main terminal and relay point.
75			Wu-Su 44-25N/84-39E	Telecom center, with wire and radio facilities.	A main terminal on system westward from Urumchi to Soviet borders.
76			Kuldja (I-Ning) 43-55N/81-14E	Telecom center, with radio and wire facilities.	A main terminal on system from Urumchi southward to Tibetan Regions, also with links to Soviet Siberia.
77			Kashgar (Su-Fu) 39-28N/75-59E	Telecom center, with radio and wire facilities.	Same as above.
78			Karghalik (Yeh-Cheng) 37-54N/77-26E	Telecom center with radio and wire facilities.	Same as above.

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SECRET

REFINERIES

Key No.*	TDI Cat.	BE No.	Name/Description	Coordinates	*Capacity (Metric Tons)	Products	Remarks
1			Tu-shan-tzu Pet. Rfy.	44-19-50N 084-50-58E	1,000,000	Motor gasoline, kerosine, lubricants, diesel fuel, fuel oil, petroleum coke, and asphalt.	
2			Leng-hu Pet. Rfy.	38-58-01N 093-20-01E	300,000	Motor gasoline, kerosine, diesel fuel, and fuel oil.	
3			Yumen/Pai Yang Pet. Rfy.	39-49-37N 097-41-10E	800,000	Motor gasoline, kerosine, lubricants, diesel fuel, and asphalt.	
4			Lan-chou Pet. Rfy.	36-06-53N 103-38-02E	2,000,000	Motor gasoline, aviation gasoline, kerosone, lubricants, diesel fuel, and asphalt.	Refinery under expansion.
5			Sha-erh-tu (An-ta-chan) Pet. Refy.	46-35-0/N 125-000-0/E			Refinery under construction. Capacity expected to reach 500,000-1,000,000 metric tons by end 1964.
6			Fu-shun Shale oil and chemical plant East	41-50-08N 124-02-45E	290,000	Motor gasoline, kerosone, diesel fuel, fuel oil, and lubricants.	
7			Fu-shun Shale oil plant West	41-51-06N 123-52-24E	600,000	Motor gasoline, diesel fuel, fuel oil, and asphalt.	
8			Chin-chou Syn. fuels plant	41-08-03N 121-05-20E	60,000	Synthetic crude oil, gasoline, fuel oil.	
9			Chin-hsi (Lien-shan) Pet. Rfy. and Syn. fuels	40-44-18N 120-49-58E	250,000	Motor gasoline, diesel oil, fuel oil, chlorine, coal tar.	

* Keyed to Map 1B

APPENDIX F
TO TAB I

25X1A

REFINERIES

Key No.	TDI Cat.	BE No.	Name/Description	Coordinates	*Capacity (Metric Tons)	Products	Remarks
10			Ta-lien Pet. Rfy.	38-58-09N 121-38-52E	750,000	Diesel fuel, lubricants, motor gasoline, fuel oil, and asphalt.	
11			Shang-hai Pet. Rfy.	31-20-11N 121-33-17E	1,000,000	Motor and aviation gasoline, kerosine, diesel fuel, and lubricants.	Refinery under expansion. Capacity may have reached 1,000,000 metric tons in 1964.
12			Mao-ming (Kung-Kuan) Shale oil Rfy.	21-57-01N 110-49-01E	100,000	Diesel fuel, motor gasoline, kerosine, lubricants, and fuel oil.	Refinery under expansion.

*Explanatory Note: Although total rated capacity equals 7,000,000 metric tons , the actual product output is only 6,000,000 metric tons of which 5,000,000 metric tons is obtained from natural crude refineries.

PETROLEUM STORAGE*

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
1			Tu-shan-tzu Pet. Ref.	44-19-50N 84-50-58E	60,000	
2			Ti-hua Pet. Prds. Str.	43-51-10N 87-32-15E	5,000	
3			Hung-liu-yuan Pet. Str.	41-02-00N 95-32-00E	10,000	
4			Pai-yang-ho Pet. Rfy. Yumen	39-49-37N 97-41-10E	60,000	
5			Leng-hu Pet. Rfy. & Str.	38-58-00N 92-20-00E	40,000	
6			Golmo (Kaerhmu)	36-22-00N 94-55-00E	Unknown	Drum storage
7			An-tu-mai-ma	32-20-00N 91-37-00E	Unknown	Drum storage
8			Nagchhu-dzong	31-29-10N 91-58-45E	Unknown	Drum storage
9			Lhasa	29-39-00N 91-06-00E	Unknown	Drum storage
10			Yusa	27-25-00N 88-50-00E	Unknown	Drum storage
11			Tsethang	29-16-00N 91-46-00E	Unknown	Drum storage
12			Tsona	27-59-00N 91-59-00E	Unknown	Drum storage
13			Chomo-dzong	29-42-00N 94-05-00E	Unknown	Large drum storage
14			Wan-t'ing	24-05-00N 98-04-00E	Unknown	Drum storage
15			Chang-tu	31-10-00N 97-14-00E	Unknown	Drum storage

* Keyed to Map 1B

APPENDIX G TO TAB I

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
16			Huang-chung	36-31-00N 101-46-00E	7,500	
17			Hsining	36-37-00N 101-46-00E	Unknown	Drum storage
18						
19			Chang-yeh	38-58-48N 100-36-30E	10,000	
20			Tien-tsung-ta-wan Pet. Str.	40-58-20N 100-11-20E	Unknown	
21			Shih-tsui-shan Pet. Str.	39-13-00N 106-46-00E	3,150	
22			Shih-tsui-tzu Pet. Prds. Str.	39-10-00N 106-45-00E	1,400	
23			Hsin-cheng Pet. Prds. Str. South	38-29-45N 106-10-40E	3,000	
24			Hsin-cheng Pet. Prds. Str. North	38-30-35N 106-11-10E	2,000	
25			Lan-chou Pet. Prds. Str. R.R. Yard PUG	36-02-53N 103-42-35E	2,000	
26			Lan-chou Pet. Prds. Str. No.1	36-01-22N 103-51-59E	25,000	
27			Lan-chou Pet. Prds. Str. No.4	36-00-32N 103-51-00E	2,000	
28			Lan-chou Pet. Rfy.	36-06-53N 103-38-02E	200,000	
29			Pao-chi Pet. Prds. Str. West	34-23-10N 107-04-50E	5,000	

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
30			Pao-chi Pet. Prds. Str. East	34-23-50N 107-16-20E	102,000	
31			Mien-yang Pet. Prds. Str.	31-28-20N 104-46-00E	8,000	
32			Cheng-tu Pet. Prds. Str. Chao-chiao-ssu	30-44-58N 104-05-20E	39,000	
33			Nan-chung Pet. Rfy.	30-49-01N 106-06-20E	5,000	
34			Kung-ching Pet. Str.	29-21-00N 104-42-00E	Unknown	At least 16 tanks
35			Chang-kou-chang Pet. Str.	29-17-00N 106-22-00E	Unknown	Less than 2,000 metric tons
36			Chung-ching Pet. Prds. Str. North	29-36-45N 106-37-40E	4,000	
37			Chung-ching Pet. Prds. Str.	29-32-25N 106-32-40E	5,000	
38			Chung-ching Pet. Str. NE.	29-36-11N 106-38-55E	1,400	
39			Chang-ching Pet. Prds. Str.	29-16-25N 106-18-10E	33,000	
40			Chang-ching Pet. Prds. Str.	29-15-32N 106-14-42E	4,000	
41			Chao-t'ung Pet. Str.	27-19-10N 103-43-40E	Unknown	Less than 2,000 metric tons

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
42			Yang-lin Pet. Prds. North	25-12-00N 103-06-00E	34,000	
43			Kun-ming Pet. Prds. Str.	25-02-05N 102-46-38E	12,000	
44			Kai-yuan Pet. Str.	23-42-30N 103-16-00E	2,000	
45			Meng-tzu West Pet. Str.	23-24-10N 103-19-10E	1,000	
46			Kuei-yang Pet. Prds. Str.	26-28-53N 106-44-03E	28,000	
47			Liu-chou Pet. Prds. Str.	24-18-01N 109-23-07E	13,000	
48			Chan-chiang Pet. Str.	21-09-44N 110-23-16E	65,000	
49			Kung-kuan Shale Oil Rfy.	21-41-30N 110-52-10E	18,000	
50			Kuang-chou Pet. Str. Shell Co.	23-05-45N 113-14-22E	11,000	
51			Kuang-chou Pet. Str. Chinese Pet. Corp.	23-05-00N 113-15-01E	16,000	
52			Kuang-chou Pet. Str. Standard Vacuum Co.	23-05-05N 113-14-34E	12,000	
53			Kuang-chou Pet. Str. Caltex	23-04-43N 113-14-42E	10,000	

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
54			Chu-chou Pet. Prds. Str. West	27-53-20N 113-03-31E	30,000	
55			Chu-chou Pet. Str.	27-55-35N 113-04-15E	45,000	
56			Wu-han Pet. Prds. Str. Hankou-reach N. UG	30-40-40N 114-21-58E	25,000	
57			Wu-han Pet. Prds. Str. Hankou-reach	30-39-14N 114-20-25E	70,000	
58			Wu-han Pet. Prds. Str. Shekou	30-45-00N 114-20-25E	26,000	
59			Chuen-shan Pet. Prds. Str. UG	32-47-25N 114-00-40E	100,000	
60			Lo-yang Pet. Prds. Str.	34-42-05N 112-24-04E	20,000	
61			Hsu-chang Pet. Prds. Str.	34-01-18N 113-46-13E	12,000	
62			Cheng-hsien Pet. Prds. Str.	34-44-05N 113-41-41E	40,000	
63			Hsin-hsiang Pet. Prds. Str.	35-17-20N 113-51-45E	10,000	
64			Yu-tzu Pet. Prds. Str.	37-40-13N 112-43-26E	67,000	

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
65			Tai-yuan Pet. Str.	37-53-20N 112-29-10E	14,000	
66			Tai-yuan Pet. Str. UG	37-59-20N 112-30-40E	13,000	
67			Tai-yuan Pet. Str. UG	37-52-35N 112-31-10E	14,270	
68			Tai-yuan Pet. Prds. Str. UG	37-56-10N 112-32-30E	20,000	
69			Tai-yuan Pet. Prds. Str. NE.	37-57-32N 112-34-11E	20,000	
70			Hsien-yang Pet. Str.	34-21-40N 108-44-00E	10,000	
71			Hsi-an Pet. Prds. Str.	34-18-12N 108-53-04E	33,000	
72			Pao-tou Pet. Prds. North	40-41-30N 109-51-44E	10,000	
73			Chi-ning Pet. Prds. Str. No. 1	41-02-21N 113-07-41E	36,000	
74			Chi-ning Pet. Prds. Str. No. 2	40-53-00N 113-03-20E	83,000	
75			Hsin-pao-an Pet. Prds. Str. UG	40-27-20N 115-20-20E	54,000	

25X1A

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
76			Kao-pei-tien-chen Pet. Prds. Str.	39-18-10N 115-51-00E	10,000	
77			Pei-ping Pet. Prds. Str. Kang-wa	39-47-35N 116-10-09E	20,000	
78			Tien-ching Pet. Str. No. 3	39-09-26N 117-07-30E	10,000	
79			Tien-ching Pet. Str. Texas	39-06-24N 117-13-34E	20,000	
80			Ta-ku Pet. Str. Asiatic	38-59-05N 117-40-50E	16,000	
81			Tang-ku Pet. Prds. Str. Hsin-ho	39-01-25N 117-36-40E	21,000	
82			Tang-ku Pet. Prds. Str. West	39-00-48N 117-35-40E	41,000	
83			Hsu-chou Pet. Str.	34-19-10N 117-15-00E	27,000	
84			Tung-hai Pet. Str. West PUG	34-34-25N 118-53-55E	11,000	
85			Nan-ching Pet. Prds. Str. Kuan-yin-men	32-09-07N 118-49-48E	10,000	
86			Nan-ching Pet. Prds. Str. East	32-10-06N 118-54-15E	12,000	

25X1A

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
87			Nan-ching Pet. Str.	32-08-50N 118-50-00E	24,000	
88			Chiang-Shan Pet. Str. PUG	28-45-30N 118-37-15E	10,000	
89			Chin-hua Pet. Prds. Str. West	29-03-20N 119-30-35E	29,000	
90			Fu-chou Pet. Str. Nantai West PUG	26-06-40N 119-14-45E	13,000	
91			Yung-chia Pet. Str.	27-58-20N 120-45-55E	17,000	
92			Yin-hsien Pet. Prds. Str. No. 1	29-54-16N 121-36-40E	10,000	
93			Shang-hai Pet. Str. Cathay-lu-chia-chai	31-17-18N 121-33-52E	16,000	
94			Shang-hai Pet. Str. Standard Vac Oil Co.	31-15-58N 121-33-29E	108,000	
95			Shang-hai Pet. Str. Upper Wharf Shell	31-14-53N 121-31-50E	20,000	
96			Shang-hai Pet. Rfy. Gough Island area	31-20-38N 121-32-46E	80,000	

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
97			Wu-hsi Pet. Prds. Str. SE.	31-30-35N 120-22-10E	20,000	
98			Ching-tao Pet. Prds. Str. No.2	36-04-54N 120-18-11E	10,000	
99			Ching-tao Pet. Str.	36-05-27N 120-19-48E	26,000	
100			Ta-lien Pet. Str. Jijoko	38-54-43N 121-41-26E	48,000	
101			Ta-lien Pet. Rfg.	38-58-09N 121-38-52E	85,000	
102			Ta-lien Pet. Str. Kan	38-59-03N 121-38-17E	14,000	
103			Lu-shun Pet. Prds. Str. Navy	38-47-45N 121-15-40E	30,000	
104			Hu-lu-tao Pet. Str.	40-42-50N 120-58-30E	39,000	
105			Lien-shan Pet. Rfy. and Syn. fuels	40-44-05N 120-49-55E	35,000	
106			Chin-chou Syn. fuels plant	41-08-05N 121-05-40E	10,000	
107			San-chia-tzu Pet. Str. terminal Asiatic	40-42-55N 122-15-20E	25,000	

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
108			Shen-yang Pet. Prds. Str.	41-53-40N 123-28-16E	17,000	
109			Fu-shun Coal liquefaction plant	41-50-16N 123-49-12E	15,000	
110			Fu-shun Shale oil chemical plant East	41-50-05N 124-02-40E	29,000	
111			Fu-shun Shale oil plant West	41-51-03N 123-52-33E	58,000	
112			Sun-chia-tai Pet. Prds. Str.	42-25-28N 124-01-11E	12,000	
113			Tieh-ling Pet. Prds. Str. South	42-15-47N 123-49-50E	12,000	
114			Tao-an Pet. Prds. Str. North	45-38-23N 122-51-30E	10,000	
115			Erh-shih-ssu Pet. Prds. Str.	47-26-50N 122-59-20E	75,000	
116			Chu-chia-kang Pet. Prds. Str. NW.	47-27-00N 123-01-30E	64,000	
117			Fu-la-erh-chi Pet. Prds. Str.	47-13-49N 123-37-01E	16,000	
118			Sha-erh-tu Pet. Prds. Str. NW.	46-38-00N 124-54-00E	over 19,600	Probably crude

PETROLEUM STORAGE

Key No.	TDI Cat.	BE	Name/Description	Coordinates	Capacity (Metric Tons)	Remarks
119			Sha-erh-tu Pet. Str.	46-35-00N 125-00-00E	Over 30,800	
120			Ha-erh-pin Pet. Prds. Str. No. 1	45-48-10N 126-41-15E	53,000	
121			Chia-mu-ssu Pet. Str. Lien-chiang-kou	46-50-54N 130-18-27E	10,000	

APPENDIX H TO
TAB G

GAZETTEER

Place Name		Geographic Coordinates (North/East)
Amoy		24-27/118-05
An-shun		26-15/105-56
An-ta		46-38/125-36
An-tung		40-08/124-24
Canton (Kuang-chou)		23-07/113-15
Chai-shang		23-18/111-20
Chan-chiang (Fort Bayard)		21-12/110-23
Ch'ang-chou (Danes Island)		23-05/113-25
Ch'ang-chun		43-52/125-21
Ch'ang-hsin-tien		39-49/116-14
Chang-sha		28-12/112-58
Chan-i		25-36/103-48
Chefoo (Yen-t'ai)		37-32/121-24
Ch'eng-tu		30-40/104-04
*Chiang-nan (Kiang-nan)		31-10/121-26
Chiang Rai		19-55/99-50
Ch'i-ch'i-ha-erh (Tsitsihar)		47-22/123-57
Chi-nan (Tsinan)		36-40/117-00
Chin-chou		41-07/121-06
Ch'ing-tao (Tsingtao)		36-04/120-19
Chumbi		27-28/88-53
Chungking (Ch'ung-ch'ing)		29-34/106-35
Dairen (Ta-lien)		38-55/121-39
Danes Island (Ch'ang-chou)		23-05/113-25
Dzungarian Gate		45-25/82-25
Fort Bayard (Chan-chiang)		21-12/110-23
Fu-la-erh-chi		47-15/123-40
Fu-shun		41-52/123-53
Gauhati		26-11/91-44
Haiphong		20-52/106-41
Hankow		30-35/114-16
Hanoi		21-02/105-50
Harbin (Ha-erh-pin)		45-45/126-39
Heng-yang		26-54/112-36
Hsi-an (Sian)		34-16/108-54
*Hsiao-shih-pa	Vic	25-04/102-41
Hsi-ning		36-37/101-45
Huang-pu		23-05/113-25
Hung-liu-yuan		41-02/95-32
Imphal		24-48/93-57

*Not in NIS Gazetteer

Place Name	Geographic Coordinates (North/East)
*Kiang-nan (Chiang-nan)	31-10/121-26
Kuang-chou (Canton)	23-07/113-15
K'un-ming	25-04/102-41
Lan-chou	36-03/103-41
Ledo	27-17/95-45
Leh	34-10/77-35
Lhasa	29-39/91-06
Liu-chou	24-19/109-24
Lu-hsien	28-53/105-23
Lu-shun (Port Arthur)	38-48/121-16
Mao-ming	21-55/110-52
Mukden (Shen-yang)	41-48/123-27
Nagchuu Dzong	31-30/92-00
Nan-ch'ang	28-41/115-53
Nan-ch'ing (Nanking)	32-03/118-47
Nien-tzu-shan	47-31/122-53
Pao-t'ou	40-36/110-03
Peiping	39-56/116-24
P'ing-hsiang	22-05/106-44
Port Arthur (Lu-shun)	38-48/121-16
San-ya	18-14/109-29
Savannakhet	16-33/104-45
Shanghai	31-14/121-28
Shen-yang (Mukden)	41-48/123-27
Shuang-ch'eng-tzu	40-24/99-49
Sian (Hsi-an)	34-16/108-54
T'ai-yuan	37-52/112-33
Ta-ku	38-59/117-41
Ta-lien (Dairen)	38-55/121-39
Ta-t'ung	40-08/113-13
T'ien-ching (Tientsin)	39-08/117-12
Ti-hua (Urumchi)	43-48/87-35
Tsinan (Chi-nan)	36-40/117-00
Tsingtao (Ch'ing-tao)	36-04/120-19
Tsitsihar (Ch'i-ch'i-ha-erh)	47-22/123-57
Turfan	42-56/89-10
Tu-shan-tzu	44-20/84-51
Urumchi (Ti-hua)	43-48/87-35
Wu-ch'ang	30-32/114-18
Yen-t'ai (Chefoo)	37-32/121-24
Ying-k'ou	40-40/122-17
Yu-lin	18-14/109-30

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