NPIC/R-1572/63

November 1963

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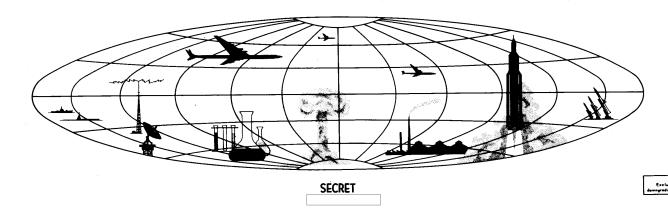
PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX MISSION 181 **6 OCTOBER 1963**



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PREFACE

This Mission Coverage Index (MCI) lists items of intelligence interest in China covered by aerial photographic material from CHURCH DOOR Mission GRC 181, dated 6 October 1963

Items in the compilation are arranged in three sections:

Section I

Section II

provides summary information for a) newly identified targets, b) previously reported targets which show a change, and c) all targets showing order of battle information. provides a listing of those targets which reflect no change in facilities from previous target description. The mission number shown on the photo reference line (e.g., NAC 000) refers to the MCI which con-

flect no change in facilities from previous target description. The mission number shown on the photo reference line (e.g., NAC 000) refers to the MCl which contains the most adequate description of that target. Military installations where no order of battle can be determined are listed under this section.

Section III provides a listing of those targets which could be identified but not interpreted.

All three sections are arranged 1) by country, 2) within a country by subject, 3) within a subject by WAC area, and 4) within a WAC area by coordinates reading from south to north and from west to east.

For the convenience of the user, an index to all targets has been included following Section III. Targets in the index are listed 1) by country, and 2) alphabetically by place name within each country. Column headings, photoreference data, and symbols indicating conditions which affect the appearance of the target on the photography are explained in the appendix.

The user of this MCI is cautioned that the scan of photography was accomplished in a relatively short time and often without the aid of precise analytical and mensural techniques commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, it may be altered somewhat by additional detailed analysis.

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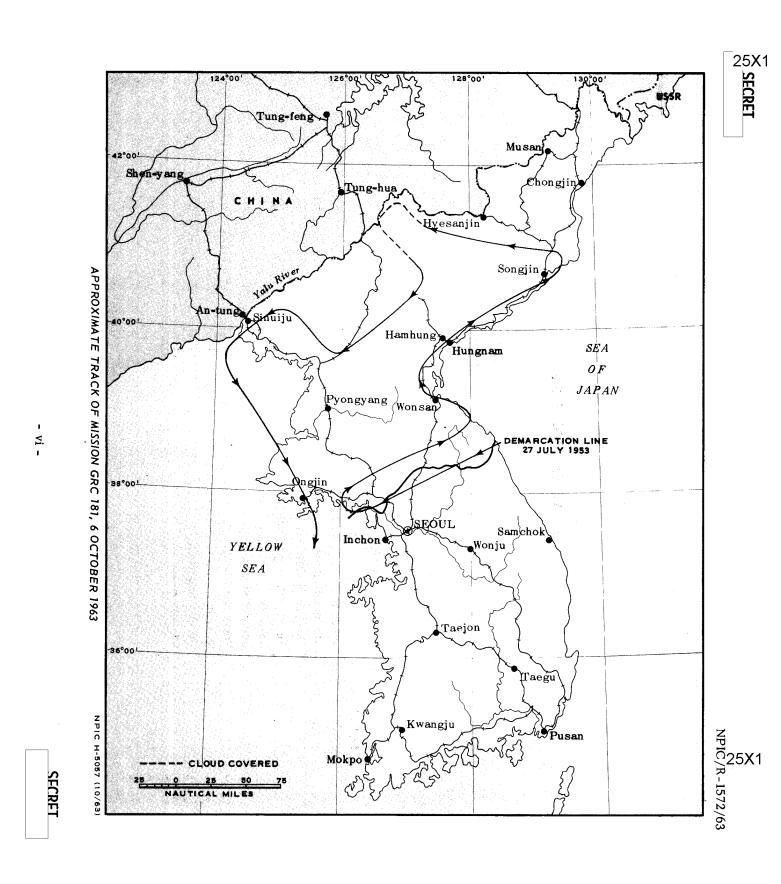
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Declassified in Part - Sanitized Copy Approved for Release 2012/01/05 : CIA-RDP89B00709R000100120010-4 SECTION I THIS SECTION PROVIDES SUMMARY INFORMATION FOR A) NEWLY IDENTIFIED TAR-GETS, B) PREVIOUSLY REPORTED TARGETS WHICH SHOW A CHANGE, AND C) ALL TAR-GETS SHOWING ORDER OF BATTLE INFORMATION.

SECRET NPIC/R-1572/63 25X1 Installation Numbers Coordinates WAC City, Installation NPIC -CHINA-AIR INSTALLATIONS 27-B 25X1 4001N 12417E Ø29Ø AN-TUNG AIRFIELD 7.5 NM SW OF AN-TUNG. NO APPARENT CHANGE IN FACILITIES OBSERVED IN CLOUD-FREE AREAS SINCE 25X1 25X1 AIRCRAFT -- 34 FAGOT/FRESCO, ONE CRATE, AND 3 UNIDENTIFIED SINGLE-ENGINE AIRCRAFT OBSERVED IN CLOUD-FREE AREAS. 25X1 3 3956N 124Ø8E Ø38Ø TA-TUNG-KOU AIRFIELD 4 NM NORTH OF TA-TUNG-KOU. 6,500 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 53 REVETTED HARDSTANDS, 4 PARKING APRONS AT EACH END OF AIRFIELD, AND APPROXIMATELY 30 UNOCCUPIED AIRCRAFT REVETMENTS ON NW SIDE. TWENTY-THREE VEHICLES OBSERVED AT SMALL SUPPORT AREA ON EAST SIDE. AIRFIELD IS RAIL SERVED. AIRCRAFT -- 49 FAGOT/FRESCO. 25X1 MILITARY INSTALLATIONS Ø29Ø 27-H 4Ø12N 12427E AN-TUNG AREA, BARRACKS AREA 5.5 NM NNE OF AN-TUNG. SECURED AREA CONTAINS 15 BARRACKS, 3 ADMINISTRATION, 3 MESS HALL, 15 STORAGE, AND 22 SUPPORT BUILDINGS.

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Cia. L. a H. a		T	Incanting	ion Numbers	٦
City, Installation	Coordinates	WAC	BE	NPIC	-
CHANG-TIEN-HO-KOU AREA, MILITARY INSTALLATION 5 NM NORTH OF CHANG-TIEN-HO-KOU. TWO ADJACENT SECURED AREAS COMPRISE 54: BARRACKS, 8 ADMINISTRATION, 8 MESS HALL, 32 STORAGE, AND APPROXIMATELY 40 SUPPORT BUILDINGS.	4029N 12448E	Ø29Ø ::		87	25X
CU-SHAN AREA, AAA DEFENSES CHINA COAST ON KOREA BAY FROM MOUTH OF YA-LU CHIANG (RIVER) AT 39-53N 124-13E TO LIMIT OF CLOUD-FREE PHOTOGRAPHY AT 39-53N 123-4ØE. NUMEROUS SEARCHLIGHTS AND OCCUPIED 4-GUN, 6-GUN AND 8-GUN AAA SITES OBSERVED.	3954N 12335E	Ø38Ø		2-8	25X
ORTS AND HARBORS N-TUNG PORT FACILITIES EAST SIDE OF AN-TUNG. PORT COMPRISES SEVERAL SMALL PIERS. NUMEROUS SMALL VESSELS OBSERVED. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.	4008N 12424E	8 29 8 †		27-F	25X
TORAGE IU-TIN-TUN, COMMUNAL HOUSING & STORAGE AREAS SOUTH EDGE OF LIU-TIN-TUN AND 3 NM NW OF AN-TUNG. NO APPARENT CHANGE SINCE	3959N 12415E	Ø38Ø :		· 73	25X 25X 25X
2				SECRET	

SECRET NPIC/R-1572/63 25X1 Installation Numbers Coordinates WAC City, Installation NPIC (AREA PREVIOUSLY REPORTED AS MILITARY BARRACKS AND STORAGE APPEARS TO BE COMMUNAL HOUSING AND STORAGE). 25X1 -NORTH KOREA-AIR INSTALLATIONS 25X1 4009N 1243ØE Ø29Ø 73 UIJU AIRFIELD 3 NM SSW OF UIJU. 8,100 X 190 FT NE/SW CONCRETE RUNWAY, **SERVICEABLE**。 FACILITIES INCLUDE 2 PARALLEL TAXIWAYS (ONE ON EACH SIDE OF RUNWAY), 4 CROSSOVER LINKS CONNECTING TO SE PARALLEL TAXIWAY 2 PARKING RAMPS (ONE AT EACH END OF RUNWAY) & 2 PARKING APRONS (ONE AT EACH END OF SE TAXIWAY), 19 AIRCRAFT REVETMENTS, 17 VEHICLE REVETMENTS, ONE HANGAR, AND APPROXIMATELY 35 SUPPORT **BUILDINGS** 。 APPROXIMATELY 25 VEHICLES OBSERVED IN SUPPORT AREA AND APPROXIMATELY 40 VEHICLES IN VEHICLE **REVETMENTS**. AIRCRAFT -- 60 BEAGLE, ONE CAB AND ONE PROBABLE MAX. 25X1 98 4023N 12714E Ø29Ø HAGARU-RI LANDING STRIP SW EDGE OF HAGARU-RI. LANDING STRIP IS ABANDONED, BADLY ERODED, AND RETURNED TO AGRICULTURE. 25X1

3

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City, Installation			Installation Numbers		1
City, Installation	Coordinates	WAC	BE	NPIC	1
WANGJU AIRFIELD (2) ONE NM SE OF HWANGJU. NO APPARENT CHANGE IN FACILITIES SINCE AIRCRAFT OBLIQUITY PRECLUDES DETERMINATION OF PRESENCE OF AIRCRAFT.	3839N 12548E	Ø38Ø		15	25 25 25 25
NJONG-NI AIRFIELD 2 NM NNE OF ONJONG-NI. NO APPARENT CHANGE IN FACILITIES SINCE AIRCRAFT 25 PROBABLE FAGOT/FRESCO.	3854N 12514E	Ø38Ø		16 %	25 25
HOLSAN AREA, LANDING STRIP 9.7 NM SSW OF CHOLSAN. 1,400 X 80 FT N/S PROBABLE SOD RUNWAY, PROBABLY SERVICEABLE. LARGE X MARKER WITHIN CIRCLE OBSERVED ON HILL 1.2 NM EAST OF LANDING STRIP. AIRCRAFT NONE OBSERVED.	3937N 12438E	Ø38Ø		55−B ÷	25
YONGYANG AIRFIELD EAST IMMEDIATELY EAST OF PYONGYANG. NO APPARENT CHANGE IN FACILITIES SINCE AIRCRAFT OBLIQUITY PRECLUDES DETERMINATION OF PRESENCE OF AIRCRAFT.	3901N 12550E	Ø38Ø		11:	25 25)

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SECRET NPIC/R-1572/63 Installation Numbers WAC Coordinates City, Installation ВE NPIC 3912N 1254ØE 8 SUNAN AIRFIELD Ø38Ø ONE NM WEST OF SUNAN. 8,200 X 220 FT N/S CONCRETE RUNWAY, **SERVICEABLE**。 AIRCRAFT -- OBLIQUITY PRECLUDES DETERMINATION OF PRESENCE OF AIRCRAFT. 12-A 3931N 12532E Ø38Ø SINANJU AIRFIELD 5 NM SSW OF SINANJU. AIRFIELD UNSERVICEABLE AND APPARENTLY **ABANDONED** o NO FACILITIES OR AIRCRAFT OBSERVED. SAAMCHAM AIRFIELD 3945N 12554E Ø38Ø 9 .7 NM NE OF SAAMCHAM AND 3.3 NM NNE OF KAECHON. 6,800 X 130 FT NE/SW CONCRETE RUNWAY, **SERVICEABLE**。 FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2 CROSSOVER LINKS, CONCRETE PARKING APRONS ON NE AND SW END OF RUNWAY AND TAXIWAY, 45 REVETTED HARDSTANDS ALONG TAXIWAY, 18 REVETTED HARDSTANDS IN DISPERSAL AREA ON NE END OF FIELD, AND A SECOND DISPERSAL AREA 3,000 FT FROM SW END OF RUNWAY WITH ONE CONCRETE HARDSTAND AND 4 POSSIBLE UNDERGROUND STORAGE/ REPAIR FACILITIES (ENTRANCES OBSCURED BY NETTING). DEFENSES INCLUDE FOUR 6-GUN AAA SITES (FROM CENTER OF RUNWAY) --2.8 NM NNW -- 5 EMPLACEMENTS OCCUPIED. 3.3 NM WSW -- 5 EMPLACEMENTS OCCUPIED.

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City, Installation	Coordinates	WAC	Installation Numbers	
	Coordinates	"AC	BE	NPIC
1.8 NM SW 4 EMPLACEMENTS OCCUPIED. 3.2 NM SSE 2 EMPLACEMENTS OCCUPIED. AIRCRAFT 23 FAGOT/FRESCO AND ONE PROBABLE BEAST.				
TAECHON AIRFIELD ONE NM SOUTH OF TAECHON. 6,600 X 190 FT WNW/ESE CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE LOOP TAXIMAY WITH 2 CROSSOVER LINKS, ALERT APRON ON WSW END OF RUNWAY, 34 HARDSTANDS, PARKING APRONS AT EACH END OF RUNWAY, AND NUMEROUS AIRCRAFT REVETMENTS ON NE SIDE OF FIELD. SIXTEEN TRUCKS OBSERVED AT SUPPORT AREA ON NORTH SIDE. AIRCRAFT 7 CAB, 4 COLT, 11 HOUND AND 2 MAX.	3954N 12529E	Ø38Ø	9	, 7 .
NAMSI AIRFIELD 3 NM NW OF NAMSI. NO APPARENT CHANGE IN FACILITIES SINCE AIRCRAFT 30 PROBABLE FAGOTZERESCO.	3956N 12512E	Ø38Ø ·		6
NONSAN AIRFIELD 1.8 NM NE OF WONSAN. 6,600 X 160 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. FACILITIES SSW OF RUNWAY INCLUDE 2 EARTH-COVERED HANGARS WITH BLAST WALLS IN FRONT OF ENTRANCES, LARGE ADMINISTRATION	3909N 12729E	Ø38Ø ·		3 0- A
6	<u> </u>	<u>. </u>		CECDET

SECRET NPIC/R-1572/63 25X1 Installation Numbers WAC Coordinates City, Installation BE NPIC BUILDING: AND NUMEROUS SUPPORT BUILDINGS. SMALL POL AREA OBSERVED IMMEDIATELY WEST OF RUNWAY . DEFENSES INCLUDE 4 OCCUPIED 6-GUN AAA SITES (TWO 1.5 NM NORTH OF AIRFIELD, ONE 2 NM SE, AND ONE 2.4 NM SOUTH). TWO MOTOR POOLS CONTAINING APPROXIMATELY 35 VEHICLES OBSERVED .5 NM SOUTH AND 2 NM SW OF AIRFIELD. AIRCRAFT -- 55 FAGOT/FRESCO. 25X1 25X1 28 SONDOK AIRFIELD 3944N 12728E Ø38Ø .7 NM EAST OF SONDOKCHANG-NI. APPROXIMATELY 6,800 X 170 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE ONE CROSSOVER LINK, LOOP TAXIWAY WEST OF RUNWAY, 2 ALERT APRONS, 2 PARKING APRONS, 15 REVETTED HARDSTANDS ONE NM SW OF AIRFIELD, AND 12 REVETTED HARDSTANDS 65 NM WEST OF AIRFIELD ON LOOP TAXIWAY. APPROXIMATELY 20 VEHICLES OBSERVED. PROBABLE ILS FACILITY OBSERVED APPROXIMATELY 1,100 FT SOUTH OF SOUTH END OF RUNWAY. DEFENSES INCLUDE 6 AAA SITES (FROM RUNWAY CENTER) --2.2 NM NE -- 6-GUN, OCCUPIED. .8 NM SSE -- 8-GUN 7 EMPLACEMENTS OCCUPIED. 2.1 NM SSE -- 6-GUN, OCCUPIED. .7 NM WEST -- 6-GUN, OCCUPIED. 1.5 NM WNW -- 6-GUN, UNOCCUPIED. 1.5 NM NNW -- 6-GUN, 4 EMPLACEMENTS OCCUPIED. AIRCRAFT -- 31 FAGOT/FRESCO, ONE PROBABLE BEAST, AND ONE HOUND. 25X1

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City, Installation	Coordinates		WAC Installation		Coordinates WAC Install		Installation Numbers	
			#AC	BE	NPIC			
LITARY INSTALLATIONS JU, MILITARY INSTALLATION PARTIALLY SECURED MILITARY INSTALLATION ON SOUTHERN EDGE OF UIJU CONTAINS 5 BARRACKS, 4 STORAGE, 3 ADMINISTRATION, AN H-SHAPED MESS HALL, AND APPROXIMATELY 20 MISCELLANEOUS SUPPORT BUILDINGS, A HEATING/POWER PLANT, AND	4011N	12432E	8298		- 73 - A			
A POSSIBLE PARACHUTE LOFT. THELVE VEHICLES OBSERVED IN AREA. IGJIN AREA, COASTAL DEFENSE POSITION 13 NM SSE OF ONGJIN. PROBABLY OCCUPIED 6-GUN COASTAL DEFENSE POSITION OBSERVED. ONE BARRACKS, APPROXIMATELY 1Ø SUPPORT BUILDINGS, AND 9 PROBABLE CARGO TRUCKS OBSERVED IMMEDIATELY NW OF DEFENSE POSITION.	3743N	12528E	Ø38Ø		25-A			
UN-NI ARÉA, MILITARY CAMP ONE NM NORTH DE OGUN-NI. MILITARY CAMP CONTAINS 5 BARRACKS-TYPE, ONE ADMINISTRATION, AND 22 SMALL SUPPORT/STORAGE BUILDINGS. TWENTY-ONE VEHICLES OBSERVED IN AREA.	3748N	12531E	Ø 38Ø ⊹		25-B :			
GON-NI AREA, PROBABLE COASTAL DEFENSES U/C ONE NM:ESE OF SOGON-NI AT UTM:COORDINATES XC644433. FIVE PROBABLE COASTAL DEFENSE GUN EMPLACEMENTS UNDER CONSTRUCTION ALONG SIDE OF HILL.	. 382ØN =	12453E	Ø38Ø		86			

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25X1

Installation Numbers WAC Coordinates City, Installation NPIC SUPPORT/BARRACKS AREA, .5 NM ESE OF SOGON-NI, CONTAINS 2 BARRACKS, ONE ADMINISTRATION, AND 6 SUPPORT BUILDINGS AND ONE POSSIBLY SECURED AMMUNITION STORAGE AREA. 25X1 3832N 12452E Ø38Ø 85 CHO-DO (ISLAND), NAVAL ACTIVITY NE EDGE OF CHO-DO ISLAND AT UTM COORDINATES XC64Ø658。 NAVAL FACILITY CONTAINS ONE ROAD SERVED BREAKWATER AND AN OFFSHORE WHARF. VESSELS -- 3 P-4 PT, ONE P-6 PT, ONE S.O. 1 SC, ONE POSSIBLE FORMER BRITISH 72 FT ML-CLASS, AND ONE UNIDENTIFIED AUXILIARY CRAFT. NINE UNIDENTIFIED INSTALLATIONS WITH A TOTAL OF 22 BARRACKS-TYPE AND APPROXIMATELY 80 SUPPORT-TYPE BUILDINGS OBSERVED SCATTERED OVER ISLAND. NUMEROUS TRENCHES AND STRONGPOINTS OBSERVED ALONG RIDGES OF ISLAND. 25X1 HAKKYE-RI PROBABLE COASTAL DEFENSE SITE U/C 3834N 125Ø1E Ø38Ø 14-A 2 NM NNW OF HAKKYE-RI, UTM COORDINATES XC766685。 FOUR PROBABLE COASTAL DÉFENSE GUN EMPLACEMENTS UNDER CONSTRUCTION ALONG RIDGE LINE. TEMPORARY WORKERS HOUSING AREA COMPRISING 14 BUILDINGS OBSERVED .5 NM SOUTH OF PROBABLE GUN EMPLACEMENTS. FIVE TRUCKS OBSERVED ON ROAD BETWEEN HOUSING AREA AND PROBABLE GUN **EMPLACEMENTS**. 25X1

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SECRET 25X1

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25X1

City, Installation	Coordinates		WAC	Installation Numbers]
City, installation	Coordin	nares	WAC	BE	NPIC	
TURI-BONG AREA, MILITARY INSTALLATION SIX MILITARY AREAS IN TURI-BONG VICINITY.	38Ø4N: 1	.2644E	Ø38Ø		42-D	
AREA A (2.9 NM ESE TURI-BONG AT UTM COORDINATES CTØ17161) 50 BARRACKS, 2 LARGE E-SHAPED ADMINISTRATION, 4 SMALLER ADMINISTRATION, AND APPROXIMATELY 20 STORAGE/SUPPORT BUILDINGS.						
AREA B (.5 NM SSW OF AREA A AT UTM COORDINATES CTØ1515Ø) — 20 BARRACKS, ONE PROBABLE ADMINISTRATION, AND APPROXIMATELY 15 STORAGE/SUPPORT BUILDINGS.						
SOFFURT BUILDINGS.						25X1
AREA C (2.4 NM SW OF AREA A ATOUTH COORDINATES	<u>.</u>					Li
BT98Ø139) 11 BARRACKS, 3 LARGE ADMINISTRATION, ONE POSSIBLE COMMUNICATIONS, AND 8 STORAGE/SUPPORT BUILDINGS. THREE VEHICLES OBSERVED.				:		
AREA D (2.6 NM SSW OF AREA ACAT UTM: COORDINATES CTØØ1121) APPROXIMATELY:12						
BARRACKS, 2 LARGE PROBABLE VEHICLE SHEDS, AND 26 STORAGE/SUPPORT BUILDINGS. EXTENSIVE TRENCHING AND AW POSITIONS OBSERVED THROUGHOUT AREA.						
AREA E (3.5 NM SSW OF AREA A AT UTM . Coordinates CT005100) Approximately 40						U
BARRACKS, 2 ADMINISTRATION, AND 45 STORAGE/ SUPPORT BUILDINGS. EXTENSIVE TRENCHING						
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			Installati	on Numbers
City, Installation	Coordinates	WAC	BE	NPIC
OBSERVED THROUGHOUT AREA.				
AREA F (5 NM SOUTH OF AREA A AT UTM COORDINATES CTØ11075) AREA EXTENDING APPROXIMATELY 1.5 NM E/W ALONG A RIDGE CONTAINS APPROXIMATELY 10 BARRACKS, 15 STORAGE/SUPPORT, 10 SMALL DISPERSED STORAGE, AND 5 SMALL SEMIREVETTED STORAGE BUILDINGS. ONE PROBABLY OCCUPIED 6-GUN AAA SITE, ONE UNOCCUPIED 4-GUN FA POSITION, AND EXTENSIVE TRENCHING AND AW POSITIONS OBSERVED THROUGHOUT AREA.				
HOMMAUL ARMY BARRACKS TWO SEPARATE AREAS IN VICINITY OF CHOMMAUL.	38Ø4N 12648E	Ø38Ø		65~E
AREA A (°5 NM WEST OF CHOMMAUL AT UTM COORDINATES CTØ58143) — 13 BARRACKS—TYPE, 2 ADMINISTRATION, AND APPROXIMATELY 25 SUPPORT/STORAGE BUILDINGS. ONE TRUCK OBSERVED. AREA B (°3 NM NORTH OF CHOMMAUL AT UTM				
COORDINATES CTØ68149) 15 BARRACKS-TYPE, 2 ADMINISTRATION, AND APPROXIMATELY 3Ø SUPPORT AND STORAGE BUILDINGS. OCCUPIED 6-GUN LIGHT AAA SITE OBSERVED IMMEDIATELY SE AT UTM COORDINATES CTØ72145. EIGHT TRUCKS OBSERVED.				
UHWA-RI AREA, MILITARY DEFENSES MILITARY AREA 2 NM WIDE EXTENDS 14 NM GENERALLY SW FROM THE IMJIN-GANG (RIVER) AT 38-12N 126-49E, AND BORDERS NORTH SIDE OF DMZ, ENDING 6 NM SSW OF KUHWA-RI AT	38Ø5N 12649E	ø38ø		65 ~ B :

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City, Installation	Coordinates	WAC	Installati	on Numbers]
,,	Coordinates	***	BE	NPIC]
		1			
]		
APPROXIMATELY 38-00N 126-45E.			İ		1
BESIDES THE 5 MAJOR CAMPS REPORTED SEPARATELY	İ	1			İ
IN THIS MCI THERE ARE NUMEROUS SMALL CAMPS	1				1
CONTAINING AN AVERAGE OF 10-15 BUILDINGS (ONE,					
AT UTM COORDINATES CTØ65210, CONTAINS ONE	İ				
TANK/SP GUN). NUMEROUS STRONGPOINTS AND	1				İ
DEFENSIVE POSITIONS OBSERVED INCLUDING THE					
FOLLOWING:					ĺ
OCCUPIED 6-GUN LIGHT AAA SITE AT UTM		ĺ			
COORDINATES CT181258。		1			
OCCUPIED 6-GUN LIGHT AAA SITE AT UTM					l
COORDINATES CT163231.					l
OCCUPIED 6-GUN LIGHT AAA SITE AT UTM				1	
COORDINATES CTØ96194.					
OCCUPIED 6-GUN LIGHT AAA SITE AT UTM					ĺ
COORDINATES CTØ76158.					
PROBABLE 6-GUN LIGHT AAA SITE (AT LEAST 3					ĺ
EMPLACEMENTS OCCUPIED) AT UTM COORDINATES	l				l
CTØ6917Ø。	ľ	İ		1	
OCCUPIED 4-GUN LIGHT AAA SITE AT UTM					
COORDINATES CT080114.					İ
OCCUPIED 4-GUN FA POSITION AT UTM COORDINATES				-	
CT176239。		1			
POSSIBLY OCCUPIED 4-GUN FA POSITION AT UTM					
COORDINATES CT111186.					٠,
					25
UHWA-RI AREA, MILITARY AREA	38Ø5N 1265ØE	Ø38Ø		65–F ⊨	
ONE NM EAST OF KUHWA-RI AT LUTH COORDINATES		ŀ			
CT100175.]			
APPROXIMATELY 5 SQ MI AREA CONTAINS AT LEAST					
10 BARRACKS, 10 ADMINISTRATION, 6 REVETTED					
STORAGE, AND 20 OTHER BUILDINGS DISPERSED OVER		1			
ENTIRE AREA.]			
PROBABLE 8-GUN LIGHTHAAA SITE (AT LEAST 5)	,	1			
	1	1			!

Circ. L. v. H. vi	·	rdinates	WAC -	Installati	on Numbers	
City, Installation	-		""	ВЕ	NPIC	
EMPLACEMENTS OCCUPIED) OBSERVED AT UTM COORDINATES CTØ98178° NINE VEHICLE REVETMENTS ADJACENT TO AAA SITE AND 5 CARGO TRUCKS OBSERVED°						2
COGOL ARMY BARRACKS EAST EDGE OF TOGOL AT UTM COORDINATES CTØ96218。 PROBABLE BARRACKS AREA CONTAINS 6 BARRACKS; 5 POSSIBLE BARRACKS; ONE LARGE ADMINISTRATION;	38Ø7N	12649E	Ø38Ø :		. 65−C	2
AND 16 SUPPORT BUILDINGS.						2
YONGMA-DONG ARMY BARRACKS 6 NM ESE OF PYONGMA-DONG AT UTM COORDINATES CT108208. TWO SEPARATE BARRACKS AREAS CONTAIN A TOTAL OF 11 BARRACKS-TYPE, ONE ADMINISTRATION, ONE ADMINISTRATION/SUPPORT, AND 7 STORAGE BUILDINGS.	38Ø7N	1265ØE	Ø38Ø		65-D	
IO-DONG AREA, MILITARY COMPLEX SEVEN MILITARY AREAS WITHIN 1.5 NM RADIUS OF NO-DONG. (AREAS REFERENCED FROM NO-DONG).	38Ø9N	12652E	Ø38Ø		65-A	
AREA A (CHUUL-TONG ARMY BARRACKS; 3 NM NNE AT UTM COORDINATES CT133245) 25 BARRACKS-TYPE, 1Ø ADMINISTRATION-TYPE, AND APPROXIMATELY 25 STORAGE/SUPPORT BUILDINGS. ONE UTILITY TRUCK OBSERVED.						2
AREA B (ONE NM NE AT UTM COORDINATES						1

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SECRET 25X1

City, Installation	Coordinates	WAC -	Installati	on Numbers
City, instantion	Coordinates	** ^C	BE	NPIC
CT14525Ø) 12 BARRACKS-TYPE, ONE				
ADMINISTRATION, 5 PARTIALLY REVETTED STORAGE, AND APPROXIMATELY 15 SMALL SUPPORT BUILDINGS.				
AREA C (1.3 NM ENE AT UTM COORDINATES CT153248) 10 BARRACKS, 3 ADMINISTRATION, AND 4 SUPPORT BUILDINGS.				
AREA D (1.2 NM ENE AT UTM COORDINATES CT152245) 4 BARRACKS, 2 ADMINISTRATION, AND 7 STORAGE/SUPPORT BUILDINGS.				
AREA E (.9 NM ENE AT UTM COORDINATES CT147242) 10 BARRACKS-TYPE, ONE ADMINISTRATION, AND 10 STORAGE/SUPPORT BUILDINGS.				
AREA F (SANGMA-DONG ARMY BARRACKS, .4 NM SSE AT UTM COORDINATES CT135232) 1Ø BARRACKS-TYPE, 2 ADMINISTRATION, AND APPROXIMATELY 2Ø SUPPORT BUILDINGS.				
AREA G (.3 NM:SW AT:UTM COORDINATES CT125235) APPROXIMATELY 20 BARRACKS-TYPE, 2 LARGE ADMINISTRATION, 6 SMALL REVETTED				
STORAGE, AND APPROXIMATELY 15 SUPPORT BUILDINGS. EIGHT CARGO TRUCKS AND 2 SMALL UNIDENTIFIED PROBABLE VEHICLES OBSERVED.				
UCHON-NI AREA, MILITARY CAMP 5 NM SSW OF NUCHON-NI.	3810N : 12614E	Ø38Ø		62-A
MILITARY AREA CONTAINS 35 BARRACKS-TYPE, 2 ADMINISTRATION-TYPE, AND APPROXIMATELY 20				

			WAC	Installati	on Numbers
City, Installation	Cool	rdinates	WAC	BE	NPIC
STORAGE/SUPPORT BUILDINGS. NUMEROUS TRENCHING AND AW POSITIONS OBSERVED THROUGHOUT THE AREA.					
A DONG ARMY BARRACKS AND HEADQUARTERS CENTER OF WA DONG AT UTM COORDINATES CT109294. MILITARY AREA CONTAINS AT LEAST 40 LARGE BARRACKS—TYPE, ONE LARGE ADMINISTRATION, AND APPROXIMATELY 20 ASSOCIATED BUILDINGS. OBLIQUITY AND POOR IMAGE QUALITY PRECLUDE EURTHER INTERPRETATION.	3811N	1265ØE	Ø38Ø :		65
PULMON DONG ARMY BARRACKS AT PULMON DONG AND ONE NM NE OF SANANYONG. AREA CONTAINS 15 BARRACKS-TYPE, 2 ADMINISTRATION, AND APPROXIMATELY 12 STORAGE/ SUPPORT BUILDINGS.	3813N	12655E	Ø38Ø		46-C
ANPO-RI AREA, MILITARY AREAS FIVE MILITARY AREAS 6 NM ENE OF HANPO-RI. AREA A (6.5 NM ENE OF HANPO-RI AT UTM COORDINATES BT902355) BARRACKS AND ARMOR AREA CONTAINS 18 BARRACKS-TYPE, 6 STORAGE, AND APPROXIMATELY 11 SUPPORT BUILDINGS. TWENTY-ONE TANKS/SP GUNS AND 2 POSSIBLE TANKS/SP GUNS (ALL APPARENTLY CANVAS-COVERED), AND APPROXIMATELY 20 SMALL STORAGE BUILDINGS OR SHEDS DISPERSED IN REVETMENTS IN RAVINES IMMEDIATELY WEST OF AREA. SIX TRUCKS OBSERVED IN AREA.	3814N	12635E	Ø38Ø		21-A

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City, Installation	Coordinates	WAC	Installation Numbers		
		- "^-	BE	NPIC	4
					1
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AREA B (APPROXIMATELY 5 NM: WEST OF AREA A AT					1
UTM COORDINATES BT891360) OCCUPIED 3-GUN				1	1
AAA SITE, ONE BARRACKS AND APPROXIMATELY 18	•	1			1
SMALL REVETTED STORAGE BUILDINGS.					
AREA C (2 NM SW OF AREA A AT UTM COORDINATES					
BT875340) ARMOR AREA CONTAINS 3 BARRACKS, 5				}	
PROBABLE BARRACKS, 3 STORAGE, AND	İ				ı
APPROXIMATELY 10 SMALLER SUPPORT BUILDINGS.		1 1			
ELEVEN TANKS/SP GUNS AND ONE POSSIBLE TANK/SP		1			
GUN (ALL APPARENTLY CANVAS-COVERED) DISPERSED		1			
IN REVETMENTS IN RAVINE. SMALL:DRIVER TRAINING AREA WITH PERSONNEL TRENCHES AND STRONGPOINTS		l			
OBSERVED APPROXIMATELY 5 NM WEST OF AREA.					
The state of the s		1			ı
AREA D (1.4 NM SE OF AREA A AT UTM COORDINATES				Ĭ	1
BT915345) ARMOR AREA CONTAINS 6 BARRACKS,	İ				
2 PROBABLE BARRACKS, AND 4 SUPPORT BUILDINGS.		1			
ELEVEN TANKS/SP GUNS AND 5 POSSIBLE TANKS/SP GUNS (ALL APPARENTLY CANVAS-COVERED) DISPERSED		,			
IN REVETMENTS IN 2 RAVINES.					
AREA E (1.3 NM ESE OF AREA A AT UTM					
COORDINATES BT910350) OCCUPIED 6-GUN AAA		1 1			
SITE AND 2 BARRACKS, 5 STORAGE, 4 SMALL REVETTED STORAGE, AND 2 ADMINISTRATION/				[
SUPPORT BUILDINGS.					1
HANCOO DI ADEA MILITARY CANDO					
HANGPORRISAREA, MILITARY CAMPS / Two separate military camps 2 nm sw of s	3817N 12658E	#38#		66-A	
CHANGPO-RI.					
		1			ł
CAMP A (AT UTM COORDINATES CT227396) 8				1	1

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City, Installation	Coordingtes	WAC	Installati	on Numbers] [
		""	BE	NPIC	
STORAGE BUILDINGS/COVERED VEHICLE PARKING STANDS. DEFENSES INCLUDE AN OCCUPIED 6-GUN AAA SITE IMMEDIATELY NW AND AN OCCUPIED 6-GUN AAA SITE ONE NM WEST OF BARRACKS AREA. AREA B (NUNG GOL ARMY BARRACKS, 2 NM WEST OF AREA A) 9 BARRACKS AND 8 SUPPORT BUILDINGS. DEFENSES INCLUDE TWO 6-GUN AAA SITES. ONE OCCUPIED. NAMCHONJOM AREA, PROB MILITARY INSTALLATION 3.5 NM NORTH OF NAMCHONJOM. PROBABLE MILITARY AREA CONTAINS 77 BARRACKS- TYPE, 2 LARGE MULTISTORY ADMINISTRATION (ONE U-SHAPED), AND 26 STORAGE/SUPPORT BUILDINGS. THREE ROAD-SERVED TUNNEL ENTRANCES OBSERVED .5 NM EAST. PROBABLE 6-GUN AAA SITE OBSERVED .3 NM NORTH OF BARRACKS AREA. SEVEN VEHICLES OBSERVED IN AREA.	3823N 12622E	Ø38Ø ÷		36-C :	25X1 25X1 25X1
MUNSU-RI AREA, ARMY BARRACKS FOUR SEPARATE BARRACKS AREAS 6 NM NE OF MUNSU-RI ALONG NORTH BANK OF A SMALL IMJIN GANG (RIVER) TRIBUTARY. (REFERENCED FROM MUNSU-RI). AREA A (6 NM NE AT UTM COORDINATES CT134513) 28 BARRACKS-TYPE AND 3 SUPPORT- TYPE BUILDINGS. AREA B (7 NM NE AT UTM COORDINATES CT145513) 65 BARRACKS-TYPE, 3 LARGE ADMINISTRATION, AND APPROXIMATELY 20 STORAGE/	3824N 12653E	Ø38Ø		46	
18 ·				SECRET	25X1

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	6 11 .	WAC	Installatio	n Numbers
City, Installation	Coordinates	WAC _	BE	NPIC
SUPPORT BUILDINGS. A 4-GUN OCCUPIED AAA SITE OBSERVED IMMEDIATELY EAST. AREA C (7.5 NM NE AT UTM COORDINATES CT158513) 28 BARRACKS-TYPE, 2 LARGE STORAGE, AND 10 SMALLER STORAGE/SUPPORT BUILDINGS. TWENTY-TWO CARGO TRUCKS OBSERVED. AREA D (8.5 NM NE AT UTM COORDINATES CT172517) 4 BARRACKS-TYPE, ONE LARGE U-SHAPED ADMINISTRATION, AND APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS. SIX PROBABLE PRIME/MOVERS AND 6 PROBABLE AAA PIECES OBSERVED. ICHON ARMY BARRACKS THREE BARRACKS AREAS IN ICHON VICINITY. AREA A (SW EDGE OF ICHON) 4 MULTISTORY ADMINISTRATION, APPROXIMATELY 60 BARRACKS AND APPROXIMATELY 50 STORAGE/SUPPORT BUILDINGS. AREA B (ONE NM ENE OF ICHON) APPROXIMATELY 125 BARRACKS DISPERSED IN VALLEY. AREA C (ONE NM SSW OF ICHON) 106 BARRACKS, ONE U-SHAPED MULTISTORY ADMINISTRATION BUILDING UNDER CONSTRUCTION, AND 20 STORAGE/SUPPORT BUILDINGS ARRANGED IN 6 DISPERSED GROUPS. A SIX-GUN AAA SITE WITH 4 EMPLACEMENTS OCCUPIED AND AN 8-GUN AAA SITE WITH 6	3829N 12653E	Ø38Ø		45

25X1

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		W4.6	Installatio	n Numbers	
City, Installation	Coordinates	WAC	BE	NPIC	
City, Instellation AREA C (2 NM SW OF AREA A AT UTM COORDINATES BT910736) — APPROXIMATELY 75 BARRACKS—TYPE BUILDINGS AND 44 REVETTED VEHICLE STANDS (OCCUPANCY UNDETERMINED). AREA D (2 NM SSW OF AREA A AT UTM COORDINATES BT935725) — NEW RAIL—TO—ROAD TRANSFER STATION WITH APPROXIMATELY 12 BUILDINGS. OBLIQUITY AND POOR IMAGE QUALITY PRECLUDE DETAILED INTERPRETATION. CHANGPO—RI AREA, ARMY BARRACKS TWO PROBABLE MILITARY AREAS 3 NM SE OF CHANGPO—RI. AREA A (AT UTM COORDINATES CT279380) — 20 BARRACKS—TYPE AND AT LEAST 5 OTHER BUILDINGS. AREA B (AT UTM COORDINATES CT290386) — 11 BARRACKS—TYPE AND AT LEAST 2 OTHER BUILDINGS. POSSIBLE REVETTED STORAGE AREA OBSERVED ADJACENT TO NORTH SIDE OF AREA B. CHANGPO—RI ARMY BARRACKS TWO SEPARATE AREAS IMMEDIATELY SW OF CHANGPO—RI. AREA A — 43 BARRACKS—TYPE, ONE LARGE	3816N 127Ø2E	Ø38Ø			25X1 25X1 25X1
AREA A 43 BARRACKS-TYPE, ONE LARGE ADMINISTRATION, AND 13 STORAGE/SUPPORT BUILDINGS. AREA B (ONE NM NW OF AREA A) 8 BARRACKS-					

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City, Installation	Coordinates	WAC	Installatio	n Numbers] .
	333.3.1.3.2	****	BE	NPIC	
TYPE AND 5 STORAGE/SUPPORT BUILDINGS. EXTENSIVE TRENCH SYSTEM OBSERVED IMMEDIATELY EAST.					25
CHUJA-DONG AREA, ARMY BARRACKS TWO AREAS, AT CHUJA-DONG AND 6 NM SW OF KUMSONG.	382ØN 12731E	Ø38Ø		84-E	25)
AREA A (.9 NM SE OF CHUJA-DONG AT UTM COORDINATES CT709445) 6 BARRACKS, ONE ADMINISTRATION/SUPPORT AND 3 STORAGE BUILDINGS.					
AREA B (IN CHUJA-DONG AT UTM COORDINATES CT698456) AN ADMINISTRATION AREA CONTAINS ONE E-SHAPED ADMINISTRATION, 2 ADMINISTRATION/SUPPORT AND 7 STORAGE BUILDINGS.					
A NUMBER OF POSSIBLY ASSOCIATED BUILDINGS STRUNG OUT ALONG THE VALLEY CONNECTING THESE AREAS INCLUDE 45 QUARTERS/HOUSING, ONE ADMINISTRATION/SUPPORT, AND 26 MISCELLANEOUS STORAGE AND SUPPORT					
BUILDINGS. NUMEROUS DEFENSIVE POSITIONS OBSERVED ALONG THE DMZ EAST OF THIS AREA.					25)
ONGJONG AREA, MILITARY ACTIVITY	3821N 12748E	Ø38Ø		84	
2.4 NM SW OF SONGJONG AT UTM COORDINATES CT970452. AREA COMPRISES AT LEAST 2 STRONGPOINTS AND					
REVETTED STORAGE AREA WITH AT LEAST 19					
BUILDINGS SITUATED ALONG THE DMZ.					

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IGJONG MILITARY CAMP IT SONGJONG AT UTM COORDINATES DTØØ3483. EMP CONTAINS AT LEAST 22 BUILDINGS AND A HOTOR POOL. THREE TRUCKS OBSERVED IN CLOUD— FREE AREAS. ERWON ARMY BARRACKS SOUTHWEST FOUR MAIN AREAS AT SAIRWON AND 2.5 NM ESE OF KUMSONG EXTENDING APPROXIMATELY 2 NM WSW FROM SAIRWON ALONG A VALLEY. AREA A (.75 NM WSW OF SAIRWON AT UTM COORDINATES CT8465Ø8) —— 18 BARRACKS, 3 ADMINISTRATION, 4 ADMINISTRATION/SUPPORT, APPROXIMATELY 20 MISCELLANEOUS SUPPORT AND STORAGE BUILDINGS, AND APPROXIMATELY 25 VEHICLE REVETMENTS. ELEVEN TRUCKS (10 IN REVETMENTS) OBSERVED. AREA B (WEST EDGE OF SAIRWON AT UTM COORDINATES CT857510) —— ADMINISTRATION AREA CONTAINS 2 MULTISTORY ADMINISTRATION, 4 ADMINISTRATION/SUPPORT, AND APPROXIMATELY 20 MISCELLANEOUS SUPPORT AND STORAGE BUILDINGS. ONE CARGO AND 4 UTILITY TRUCKS OBSERVED IN MOTOR PARK. AREA C (1.2 NM WEST OF AREA A AT UTM COORDINATES CT826507) —— VEHICLE STORAGE AREA	Coordinates	WAC	Installati BE	on Numbers NPIC	
HEAVY CLOUDS PRECLUDE FURTHER INTERPRETATION. SONGJONG MILITARY CAMP AT SONGJONG AT UTM COORDINATES DTØØ3483. CAMP CONTAINS AT LEAST 22 BUILDINGS AND A MOTOR POOL. THREE TRUCKS OBSERVED IN CLOUD— FREE AREAS.	3823N 12751E	Ø38Ø		84-A	25X1
SAIRWON ARMY BARRACKS SOUTHWEST: FOUR MAIN AREAS AT SAIRWON AND 2.5 NM ESE OF KUMSONG EXTENDING APPROXIMATELY 2 NM WSW FROM SAIRWON ALONG A VALLEY.	3824N 12741E	Ø38Ø		84-B	25X1 25X1
AREA A (°75 NM WSW OF SAIRWON AT UTM COORDINATES CT8465Ø8) 18 BARRACKS, 3 ADMINISTRATION, 4 ADMINISTRATION/SUPPORT, APPROXIMATELY 2Ø MISCELLANEOUS SUPPORT AND STORAGE BUILDINGS, AND APPROXIMATELY 25 VEHICLE REVETMENTS. ELEVEN TRUCKS (1Ø IN REVETMENTS) OBSERVED.					
AREA B (WEST EDGE OF SAIRWON AT UTM: COORDINATES CT857510) ADMINISTRATION AREA CONTAINS 2 MULTISTORY ADMINISTRATION, 4 ADMINISTRATION/SUPPORT, AND APPROXIMATELY 20 MISCELLANEOUS SUPPORT AND STORAGE BUILDINGS. ONE CARGO AND 4 UTILITY TRUCKS OBSERVED IN MOTOR PARK.					
AREA C (1.2 NM WEST OF AREA A AT UTM COORDINATES CT826507) VEHICLE STORAGE AREA CONTAINS SECURED MOTOR POOL, 7 POSSIBLE BARRACKS, AND AT LEAST 15 STORAGE BUILDINGS					

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	Coordingtes	WAC .	BE	NPIC] [
AND SHEDS. AT LEAST 20 CARGO TRUCKS OBSERVED IN MOTOR POOL. AREA D (1.5 NM WSW OF AREA A AT UTM COORDINATES CT821499) — A SMALL POSSIBLY ASSOCIATED MOTOR PARK CONTAINS 3 SMALL SHEDS AND AT LEAST 10 TRUCKS. AT LEAST 2 STRONGPOINTS OBSERVED SOUTH OF THE ARMY BARRACKS AREA. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION OF THESE AREAS. (BOMBING ENCYCLOPEDIA REPORTS SAIRWON ARMY BARRACKS AND HEADQUARTERS 12TH INFANTRY DIVISION SW, COORDINATES.) IGAN DONG ARMY BARRACKS AT IGAN DONG AND 2 NM WEST OF KUMSONG. AREA CONTAINS 10 BARRACKS, ONE ADMINISTRATION.	3825N 12734E	Ø38Ø	BE	NPIC	25X1 25X1 25X1
PYONGGANG AREA, MILITARY COMPLEXES NINE MILITARY AREAS OBSERVED WITHIN AN 8 NM RADIUS OF PYONGGANG. (ALL AREAS REFERENCED FROM PYONGGANG). AREA A (POMBUNG-NI ARMY BARRACKS, 8 NM NORTH AT 38-31N 127-17E, UTM COORDINATES CT507644) 6 SQ MI AREA CONTAINS APPROXIMATELY 100 DISPERSED BARRACKS- TYPE AND 60 ADMINISTRATION/SUPPORT BUILDINGS. EXTENSIVE TRACK ACTIVITY AND TRENCHING OBSERVED THROUGHOUT AREA. FOUR PROBABLE TANKS	383#N 12719E	# 38 #		26 - D	25X1

			Installati	on Numbers	
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AND E VEHICLES OBSERVED					
AND 5 VEHICLES OBSERVED.					
AREA B (HAJU-RI ARMY BARRACKS EAST, 3.5 NM:NNW ALONG BASE OF HILL					2
AT 38-28N 127-16E, UTM COORDINATES					_
CT488588) APPROXIMATELY 15 BARRACKS-TYPE AND 20 STORAGE/SUPPORT BUILDINGS. SIX					
REVETTED, ROOF-COVERED VEHICLE HARDSTANDS					ļ
OBSERVED AT SOUTH END OF AREA AND					
APPROXIMATELY 10 CAVE ENTRANCES SCATTERED THROUGHOUT AREA.					
AREA C (MASAN-NI ARMY BARRACKS) 6 NM NW AT 38-25N 127-10E, UTM					2
COORDINATES CT413543) APPROXIMATELY 50					~
BARRACKS-TYPE AND 3Ø STORAGE/SUPPORT					
BUILDINGS。					
AREA D (YONGYON-NI ARMY BARRACKS,					
5 NM WNW AT 38-23N 127-12E, UTM COORDINATES CT431494) APPROXIMATELY 50					2
BARRACKS AND 30 STORAGE/SUPPORT BUILDINGS.					
AREA E (NAMAE-RI ARMY BARRACKS:					
5 NM WEST AT 38-24N 127-09E,					2
UTM COORDINATES CT402524) APPROXIMATELY					
4Ø BUILDINGS。					
AREA F (SOSUPO ARMY BARRACKS SOUTH,					
6.5 NM SW AT 38-21N 127-08E, UTM COORDINATES CT380470) APPROXIMATELY 50					2
BUILDINGS.					
AREA G (2.5 NM SSE AT 38-22N 127-19E, UTM					
COORDINATES CT53748Ø) APPROXIMATELY ONE SQ					

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NPIC/R-1572/63 25X1 Installation Numbers City, Installation Coordinates WAC RF NPIC MI AREA COMPRISES 2 SUB-AREAS WITH A TOTAL OF AT LEAST 40 BUILDINGS. 25X1 AREA H (KOAN-NI ARMY BARRACKS. 4 NM SE AT 38-21N 127-22E, UTM COORDINATES CT571463) -- APPROXIMATELY 45 BUILDINGS. AREA I (5.5 NM ESE AT 38-22N 127-25E, UTM COORDINATES CT61848Ø) -- PREVIOUSLY UNREPORTED AREA COMPRISES AT LEAST 5 SMALL CAMPS SCATTERED WITHIN A 2 SQ MI AREA CONTAINING AT LEAST 25 BARRACKS-TYPE, 3 ADMINISTRATION, 16 SUPPORT, 7 STORAGE, 19 REVETTED STORAGE, AND AT LEAST 30 OTHER BUILDINGS. TWO POSSIBLY OCCUPIED AND ONE UNOCCUPIED 4-GUN FA POSITIONS OBSERVED IN AREA. 25X1 CHANGDO-RI AREA, MILITARY COMPLEX 383ØN 1274ØE Ø38Ø 84-D THREE MAIN AREAS WITHIN 2.3 NM OF CHANGDO-RI. AREA A CCHANDO-RI ARMY BARRACKS, ON THE NW EDGE OF TOWN AT UTM 25X1 COORDINATES CT842627) -- APPROXIMATELY 15 LARGE BUILDINGS. AREA B (CHANGDO-RI ARMY BARRACKS NORTH, 25X1 2.3 NM INNE OF ITOWN AT UTM COORDINATES CT848667) -- APPROXINATELY 45 BUILDINGS. AREA C (CHANGDO-RI ARMY BARRACKS NE. 25X1, 1.9 NN NE OF TOWN AT UTN COORDINATES CT870648) -- APPROXIMATELY 25

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City, Installation			WAC	Installatio	on Numbers	
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MAJOR BUILDINGS. AN ADJACENT POSSIBLY ASSOCIATED AREA CONTAINS 28 SMALLER BUILDINGS.						
PO-RI AREA, MILITARY INSTALLATIONS SIX MILITARY INSTALLATIONS EXTENDING GENERALLY SW OF SEPO-RI.	3838N	12721E	Ø38Ø.		26~E	
AREA A (IMMEDIATELY SOUTH OF SEPO-RI AT UTM COORDINATES CT572765) APPROXIMATELY 3Ø BARRACKS, 5 LARGE ADMINISTRATION, AND 15 STORAGE/SUPPORT BUILDINGS.						
AREA B (ONE NM NW OF SEPO-RI AT UTM COORDINATES CT559782) SECURED AREA CONTAINS 8 BARRACKS AND 5 STORAGE/SUPPORT BUILDINGS.						
AREA C (2.7 NM WSW OF SEPO-RI AT UTM COORDINATES CT534770) APPROXIMATELY 50 BARRACKS: 3 LARGE STORAGE: 20 SMALLER STORAGE! SUPPORT: AND 10 SMALL REVETTED BUILDINGS. SIX CARGO TRUCKS AND 8 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.						
AREA D (3.4 NM WNW OF SEPO-RI AT UTM COORDINATES CT5258Ø2) 7 BARRACKS AND 14 Storage Buildings.						
AREA E (5 NM SW OF SEPO-RI AT UTM COORDINATES CT5Ø272Ø) APPROXIMATELY 8Ø BARRACKS, 7 ADMINISTRATION, 5Ø STORAGE/ SUPPORT, AND 2Ø SMALL REVETTED STORAGE BUILDINGS. SIX CARGO TRUCKS OBSERVED.						
AREA F (PAIKPONG ARMY BARRACKS SW.						

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City, Installation	Coordinates	WAC Installation No		on Numbers]
		———	BE	NPIC	
3 NM SSE OF SEPO-RI AT UTM COORDINATES CT590730) APPROXIMATELY 60 BARRACKS, ONE LARGE T-SHAPED ADMINISTRATION, ONE LARGE STORAGE, AND 35 STORAGE/SUPPORT BUILDINGS.					25X
SINANJUNG-NI, BARRACKS AREA 4 NM EAST OF SINANJUNG-NI. BARRACKS AREA CONTAINS APPROXIMATELY 3Ø BARRACKS, 2 LARGE ADMINISTRATION, 4 LARGE STORAGE, AND APPROXIMATELY 2Ø SUPPORT	3838N 12744E	Ø38Ø :		82-B	
BUILDINGS. POSSIBLE UNDERGROUND STORAGE AREA OBSERVED IMMEDIATELY NE OF BARRACKS AREA.					2
DEYANG AREA, MILITARY INSTALLATIONS . THREE MILITARY INSTALLATIONS OBSERVED IN AND AROUND HOEYANG.	3842N = 12737E	Ø38Ø		44	
AREA A PROBABLE MILITARY INSTALLATION OBSERVED AT HOEYANG BUT CLOUDS PRECLUDE INTERPRETATION.					
AREA B (3 NM EAST OF HOEYANG) APPROXIMATELY 15 BARRACKS, 4 LARGE ADMINISTRATION (ONE T-SHAPED), AND APPROXIMATELY 20 STORAGE/SUPPORT BUILDINGS.					
AREA C (2 NM SE OF HOEYANG) 15 BARRACKS, 4 ADMINISTRATION AND APPROXIMATELY 15 STORAGE/ SUPPORT BUILDINGS.					
FOUR 6-GUN AAA SITES OBSERVED ONE NM ENE OF E					

			141	PIC/R-1572/63	25X1
City, Installation	ion Coordinates WAC		WAC Installati		
HOEYANG (UNOCCUPIED), 2 NM NW OF HOEYANG (OCCUPIED), AND ONE NM WEST OF HOEYANG (OCCUPIED).			J.C.	NPIC	25 X
HWACHON-NI AREA, BARRACKS AREAS TWO BARRACKS AREAS IN HWACHON-NI VICINITY. AREA A (2 NM ESE OF HWACHON-NI) 9 BARRACKS, ONE T-SHAPED ADMINISTRATION, AND 21 STORAGE/ SUPPORT BUILDINGS AND 2 PROBABLE VEHICLE SHEDS. SMALL, UNSECURED STORAGE AREA WITH 10 DISPERSED SEMIREVETTED BUILDINGS OBSERVED .5 NM TO THE SOUTH. AREA B CLOUD COVERED.	3844N 12749E	Ø38Ø		44-B	
COSAN-NI AREA: MILITARY AREAS	385ØN 12729E	Ø38Ø		44-D	25X
FOUR SEPARATE MILITARY AREAS. AREA A (.5 NM EAST OF KOSAN-NI) 10 PROBABLE BARRACKS, ONE LARGE STORAGE, AND 5 SUPPORT BUILDINGS. SIXTY VEHICLES OBSERVED. AREA B (ONE NM SE OF KOSAN-NI) APPROXIMATELY 80 BARRACKS-TYPE, 2 LARGE ADMINISTRATION, AND APPROXIMATELY 50 STORAGE/SUPPORT BUILDINGS. EIGHT VEHICLES OBSERVED. AREA C (IMMEDIATELY SOUTH OF KOSAN-NI) 58 BARRACKS-TYPE, 2 ADMINISTRATION, AND APPROXIMATELY 30 STORAGE/SUPPORT BUILDINGS. THIRTY-ONE VEHICLES OBSERVED.					

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25X1

Installation Numbers City, Installation Coordinates WAC NPIC AREA D (ONE NM NW OF KOSAN-NI) -- 2 CIRCULAR DRIVER TRAINING AREAS ON BOTH SIDES OF THE KOSAN-NI--SINGOSAN ROAD. 25X1⁻ HOEJON-DONG AREA, MILITARY COMPLEX Ø38Ø 79 3826N 128Ø4E FIVE MAJOR (A-E) AND 4 SMALLER (F-I) AREAS WITHIN 7 NM RADIUS OF HOEJON-DONG PARTIALLY OBSERVED THROUGH SCATTERED TO HEAVY CLOUDS. (AREAS REFERENCED FROM HOEJON-DONG). AREA A (APPROXIMATELY 2.5 NM ENE AT UTM COORDINATES DT424549) -- APPROXIMATELY 4 SQ MI AREA INCLUDES AT LEAST 10 SMALL DISPERSED BARRACKS AND STORAGE AREAS. ENTIRE AREA CONTAINS APPROXIMATELY 130 BUILDINGS. THREE UTILITY AND 6 CARGO TRUCKS OBSERVED. 25X1 AREA B (OUSIL ARMY BARRACKS, APPROXIMATELY 5 NM SE AT UTM COORDINATES DT252495) -- APPROXIMATELY 4.5 SQ MI AREA, ALONG BOTH BANKS OF THE SOYANG-GANG (RIVER). CONTAINS APPROXIMATELY 110 BUILDINGS. TWO REVETTED STORAGE AREAS CONTAIN A TOTAL OF APPROXIMATELY 70 BUILDINGS DISPERSED IN RAVINES. FOUR OCCUPIED FA POSITIONS AND ONE 6-GUN AAA SITE (AT LEAST 5 EMPLACEMENTS OCCUPIED) OBSERVED IN CLOUD-FREE AREAS. AREA C (APPROXIMATELY 2.5 NM SSW AT UTM COORDINATES DT169505) --IDENTIFICATION ONLY. 25X1 AREA D (SANGSIMPO ARMY BARRACKS,

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City Installation	Coordinates	WAC	Installation Numbers		
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400004744754 4 0 5 444 514 47 474					
APPROXIMATELY 3.5 NM SW AT UTM					
COORDINATES DT105458) APPROXIMATELY ONE SQ					
MI AREA CONTAINS AT LEAST 145 BUILDINGS。 TWENTY-SIX SMALL, DISPERSED STORAGE SHEDS					
OBSERVED THROUGHOUT THE AREA OCCUPIED 4-GUN		1			
AAA SITE AND 10 TRUCKS VISIBLE IN PARTIAL					
CLOUD-COVERED AREA.					
AREA E (APPROXIMATELY 5 NM NNW AT UTM		1			
COORDINATES DT153630) APPROXIMATELY 2.5 SQ					
MI AREA CONTAINS 6 SMALL, DISPERSED BARRACKS					
AND STORAGE AREAS WITH A TOTAL OF 100		1			
BUILDINGS. AT LEAST 22 TRUCKS OBSERVED.					
AREA F (1.9 NM SSE AT UTM COORDINATES					
DT197515) AN 8-GUN AAA SITE WITH 4 OCCUPIED					
POSITIONS AND 2 BUILDINGS. EIGHT TRUCKS					
OBSERVED IN VEHICLE REVETMENTS.					
AREA G (5.3 NM SSW AT UTM COORDINATES					
DT145455) 4-GUN FA POSITION (2 EMPLACEMENTS					
OCCUPIED) AN UNOCCUPIED 4-GUN FA POSITION	l				
AND AT LEAST 8 LARGE AND 3 SMALL BUILDINGS.					
		İ			
AREA H (5.8 NM SSW AT UTM COORDINATES					
DT130450) ONE 4-GUN FA POSITION			ļ		
(3 EMPLACEMENTS PROBABLY OCCUPIED) AND 14 BUILDINGS (4 REVETTED) ONE TRUCK OBSERVED				ł	
BOTEDINGS (4 REVEITED), DIRE TROCK DESERVED.					
AREA I (4.8 NM SSW AT UTM COORDINATES		ı			
DT165458) 2 PROBABLY OCCUPIED 4-GUN FA					
POSITIONS ONE PROBABLY UNOCCUPIED 4-GUN FA					
POSITION, AND A REVETTED STORAGE AREA WITH 12					
SMALL DISPERSED BUILDINGS.					
			1	1	

25X1

25X1

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25X1

Installation Numbers City, Installation Coordinates WAC NUMEROUS TRENCHES, REVETMENTS, AND STRONGPOINTS OBSERVED THROUGH THE ENTIRE HOEJON-DONG COMPLEX. 25X1 TAECHON-DONG AREA, MILITARY CAMP 383ØN 12815E Ø38Ø 79-A 2.3 NM ESE OF TAECHON-DONG AT UTM COORDINATES DT346612. NINE BARRACKS-TYPE BUILDINGS, 3 SMALL STORAGE SHEDS, AND 3 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED IN VISIBLE PORTIONS OF CAMP. TRENCH SYSTEMS OBSERVED IN AREA. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION. 25X1 CHANGJAE AREA, MILITARY CAMP 3833N 12812E Ø38Ø 79-B ONE NM ENE OF CHANGJAE AT UTM COORDINATES DT315681. AREA CONTAINS 7 BARRACKS-TYPE AND ONE ADMINISTRATION BUILDING AND APPROXIMATELY 18 SMALLER STORAGE/SUPPORT SHEDS. THREE CARGO TRUCKS AND ONE UTILITY TRUCK OBSERVED. 25X14 YANGDOK AREA, MILITARY STORAGE AREA 3911N 12637E Ø38Ø 43-B IN VALLEY 1.8 NM SOUTH OF YANGDOK AT SUTM COORDINATES 8U955390. STORAGE AREA CONTAINS 4 PROBABLE BARRACKS, AT LEAST 52 PARTIALLY REVETTED RECTANGULAR STORAGE BUILDINGS, 6 FOUNDATION SCARS FROM RAZED BUILDINGS SCATTERED THROUGHOUT VALLEY, ONE PROBABLE MULTISTORY ADMINISTRATION

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25X1

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Coordinates	WAC		· · · · · · · · · · · · · · · · · · ·	25%
3915N 12645	E Ø38Ø	Installati BE	NPIC NPIC 43-C	25X ⁻
				25 25X
3919N 12724	E Ø38Ø		81	25 X 1
	3915N 12645	3915N 12645E Ø38Ø 39Ø6N 12733E Ø38Ø	Coordinates WAC Installation BE 3915N 12645E Ø38Ø 3906N 12733E Ø38Ø	3915N 12645E Ø38Ø 43-C 39Ø6N 12733E Ø38Ø 3Ø-D

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25X1

Installation Numbers City, Installation Coordinates WAC BE NPIC NO APPARENT CHANGE IN FACILITIES SINCE 25X1 VESSELS -- 3 PC, 5 PT, AND 27 SMALL UNIDENTIFIED CRAFT (15 ON SHORE IN MARINE RAILWAY AREA). 25X1 HUNGNAM-HAMHUNG AREA, AAA DEFENSES 3948N 1274ØE Ø38Ø 2Ø-A FOURTEEN AAA SITES OBSERVED: IN HUNGNAM-HAMHUNG AREA. (DISTANCE AND DIRECTION FROM CENTER OF HANHUNG RAILROAD BRIDGE ACROSS SONGCHON GANG (RIVER)). 3.4 NM SE AT UTM COORDINATES CD796128 --6-GUN, OCCUPIED. 3.9 NM SE AT UTM COORDINATES CD818137 --4-GUN, OCCUPIED. 4.6 NM SE AT UTN COORDINATES CD825146 --4-GUN, UNOCCUPIED. 5.2 NM SE AT UTM COORDINATES CD836135 ---3-GUN, UNOCCUPIED. 7 NM ESE AT UTN COORDINATES CD875140 --4-GUN, UNOCCUPIED. 8 NM ESE AT UTM COORDINATES CD885123 --4-GUN, UNDCCUPIED. 10.8 NM ESE AT UTM COORDINATES CD934117 --3-GUN, OCCUPIED. 7.4 NM SE AT UTM COORDINATES CD870100 --4-GUN, 2 EMPLACEMENTS OCCUPIED. 7.4 NM SE AT UTM COORDINATES CD852080 --4-GUN, OCCUPIED. 5.8 NM SE AT UTM COORDINATES CD839115 --8-GUN, OCCUPIED. 4.7 NM SE AT UTN COORDINATES CD816116 --6-GUN, 3 EMPLACEMENTS OCCUPIED. 5.4 NM WSW AT UTM COORDINATES CD644155 --

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25X1

	1 _		WAG	Installation Numbers		25X1
City, Installation	Coo	rdinates	WAC	BE	NPIC	
8-GUN; UNOCCUPIED. 5.5 NM WEST AT UTM COORDINATES CD641164 4-GUN; OCCUPIED. 5.7 NM WNW AT UTM COORDINATES CD654220 4-GUN; UNOCCUPIED.						25X1
HAMHUNG AREA, MILITARY ACTIVITY EIGHT FA PIECES AND 8 CARGO TRUCKS PARKED IN CLEARING 4.5 NM SE OF HAMHUNG.	3954N	12732E	Ø38Ø		2 0 -D	
						25X1
HAMHUNG AREA, MILITARY BARRACKS AREA 6 NM NE OF HAMHUNG, BARRACKS AREA CONTAINS 16 BARRACKS (3 UNDER CONSTRUCTION) AND 24 ADMINISTRATION AND SUPPORT-TYPE BUILDINGS, THREE VEHICLES OBSERVED.	3959N	1.2738E	Ø38Ø		2 9 C	25X1
MAYANG-DO NAVAL BASE 2.5 NM SE OF SINPO AT NE END OF MAYANG-DO (ISLAND). FACILITIES INCLUDE ONE 450 FT PIER, 2 APPROXIMATELY 150 FT PIERS, SMALL BARRACKS AREA, ONE PROBABLE ADMINISTRATION BUILDING AND	3959N	12812E	Ø38Ø		56-A	25X1
APPROXIMATELY 15 SCATTERED STORAGE/SUPPORT BUILDINGS. ANOTHER AREA, APPROXIMATELY .5 NM WEST AND NOT PREVIOUSLY CARRIED AS PART OF MAYANG-DO NAVAL BASE, CONTAINS POSSIBLE GRAVING DOCK UNDER CONSTRUCTION. AN ESTIMATED 25 PER CENT OF DOCK FLOOR IS POURED, AND EXCAVATION FOR REMAINING FLOOR SECTIONS IS PROCEEDING TOWARD THE BAY. BATCHING PLANT AND CONSTRUCTION						

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			NPIC/R-1572/63				
City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC			
MATERIALS OBSERVED TO WEST AND SOUTH OF DOCK AREA. VESSELS 2 PROBABLE W-CLASS SUBMARINES, 10 UNIDENTIFIED SMALL CRAFT, AND ONE FLOATING SHEARLEGS CRANE. ELECTRONICS/COMMUNICATIONS KAESONG AREA, RADIO STATION ONE NM NE OF KAESONG AT UTM COORDINATES BT051862. FACILITIES INCLUDE 3 LARGE LATTICE TOWERS	3759N 12634E	Ø38Ø :		35-A	25		
SITUATED ON HILL AND A SECURED AREA TO IMMEDIATE NORTH AT BASE OF HILL CONTAINING ONE LARGE T-SHAPED MULTISTORY AND 5 SMALLER ASSOCIATED BUILDINGS. INDUSTRY KILCHU INDUSTRIAL COMPLEX	4057N 12918E	4204		0.5	25		
NW EDGE OF KILCHU. SECURED RAIL—SERVED INDUSTRIAL COMPLEX CONTAINS WOOD PRODUCTS PLANT, PROBABLE WOOD ALCOHOL PLANT, AND WORKERS HOUSING. BOTH INDUSTRIES APPARENTLY ACTIVE. ONGJIN AREA, ORE EXTRACTION & PROC INDUSTRY	3752N 12522E	8298		90-A	2		
ORE PROCESSING PLANT CONTAINS LARGE ORE CONCENTRATION MILL BUILDING, 2 OPEN TANKS, TRANSFORMER YARD, PILES OF ORE CONCENTRATION AND TAILINGS, TAILING POND AND SEVERAL SMALLER PROCESSING BUILDINGS.	3132N 12322E	Ø38Ø †		25-C			
				SECRET	25		

City, Installation			WAC	Installati	on Numbers	
City, Installation	Cool	rdinates	WAC	BE	NPIC	
TWO ROAD-SERVED, OPEN-PIT MINES OBSERVED 1.5 AND 2.2 NM NORTH OF ORE PROCESSING AREA.	27504	125425	a29a		19C	2 25
AEJU CEMENT COMPANY CHOSEN 2.8 NM SOUTH OF HAEJU AND .5 NM SOUTH OF TONGAEPO. RAIL— AND WATER—SERVED PLANT INCLUDES A GRINDING SECTION, CLINKER STORAGE BUILDING, BOILER PLANT, KILN BUILDING, MIXING TANKS, 5 SILOS, A SPRAY POND, AND NUMEROUS ASSOCIATED BUILDINGS. SMOKE OBSERVED EMITTING FROM STACKS INDICATES PLANT IS IN OPERATION.	3759N	12542E	Ø38Ø		19-0	2
AEJU AREA, POSSIBLE EXPLOSIVES PLANT 4.5 NM SW OF HAEJU. POSSIBLE EXPLOSIVES PLANT CONTAINS 8 LARGE UNIDENTIFIED BUILDINGS, AND 3 LARGE VERTICAL AND 2 SMALL HORIZONTAL CYLINDRICAL TANKS. TWO REVETTED STORAGE AREAS OBSERVED .4 NM WEST AND .6 NM NW OF POSSIBLE EXPLOSIVES PLANT. UNIDENTIFIED OPEN STORAGE AREA OBSERVED .5 NM WEST, AND LARGE AREA CONTAINING PARALLEL, INTERSECTING ROADS OBSERVED IMMEDIATELY WEST OF PLANT. DENSE TREE COVER PRECLUDES FURTHER INTERPRETATION.	38Ø1N	12538E	Ø38Ø		19-0	
CHANGYON AREA, MINING & PROCESSING ACTIVITY 4 NM ENE OF CHANGYON AT UTM COORDINATES XC890340. UNIDENTIFIED MINING AND PROCESSING ACTIVITY INCLUDES 3 MINE ENTRANCES, ONE SKIP HOIST,	3815N	125 0 9E	Ø38Ø		87	

City, Installation	Coordinates	Coordinates WAC Installet		ion Numbers
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ONE CRUSHING BUILDING, A FLOATATION BUILDING, SEVERAL SMALL UNIDENTIFIED PROCESSING BUILDINGS, 3 POSSIBLE DE-WATERING TANKS AND A TRANSFORMER YARD. NARROW GUAGE RAILROAD LINE CONNECTS MINE ENTRANCES WITH PROCESSING BUILDINGS. EXTENSIVE WORKERS HOUSING AREA WITH APPROXIMATELY 500 BUILDINGS SURROUNDS MINING AREA.				
CUMSAN-NI AREA, MINING ACTIVITY ONE NM SE OF KUMSAN-NI. MINING ACTIVITY CONSISTS OF PROBABLE GRAVEL AND SAND EXTRACTION. HOUSING REPORTED ON DOES NOT APPEAR TO BE ASSOCIATED WITH MINING ACTIVITY.	3834N 125 8 9I	E 9380		14:
UCHON-NI AREA, MINING ACTIVITY 2.5 NM NE OF NUCHON-NI. MINING AREA COMPRISES 2 SMALL OPEN PIT MINES AND A HOUSING AREA WITH APPROXIMATELY 3Ø BARRACKS-TYPE AND 1Ø ADMINISTRATION/SUPPORT BUILDINGS. TWO REVETTED EXPLOSIVES STORAGE BUILDINGS OBSERVED IMMEDIATELY WEST OF HOUSING AREA.	3815N 126188	E Ø38Ø :		62
UNGNAM EXPLOSIVES PLANT SOUTH EDGE OF HUNGNAM. RAIL-SERVED LEAD AZIDE INITIATOR MANUFACTURING PLANT COMPRISES 12 PRECIPITATION CHAMBERS WITH ADJACENT CONTROL HOUSES, AUTOCLAVE AND	3949N 12735E	Ø38Ø ·		22-B (

Coordinates	I WAC I			
		BE	NPIC	}
				25
395ØN 12737	E Ø38Ø -		22-C	25)
205@N 12738	E 0380		22=F	25
373BN 12730	E 9309			25
3951N 12735	E Ø38Ø		22-D	
	395ØN 12738	395ØN 12738E Ø38Ø	395ØN 12738E Ø38Ø	395ØN 12738E Ø38Ø 22-E

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City, Installation	Coordinates WAC Instr		Installat	on Numbers
	Coordinates	WAC	BE	NPIC
BASIC SERVICES				
CHIAN AREA, DAM & HYDROELECTRIC POWER PLANT 7.7 NM SOUTH OF CHIAN ON TONGNO GANG (RIVER). HYDROELECTRIC POWER PLANT OBSERVED ON SOUTH SIDE OF 730 X 95 FT CONCRETE DAM.	4Ø59N 12612	E Ø298 ;		. 77 ~ E
HAGARU-RI HYDRO POWER PLANT CHANGJIN GANG 4: 21 NM SSE OF HAGARU-RI AND 3 NM NW OF ORO-RI. PLANT COMPRISES ONE COMBINATION TURBINE GENERATOR HALL, TRANSFORMER YARD, 2 PENSTOCKS, AND SURGE TOWER.	4003N 12725	E Ø29Ø		115
HAMPA-RI, DAM UNDER CONSTRUCTION ON CHANGJIN GANG (RIVER) AT VILLAGE OF CHAMPA-RI. LARGE DAM OBSERVED IN LATE STAGE OF CONSTRUCTION. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	4053N 12714	E \$298 :		196
INGAECHON HPP HOCHON GANG 4 ONE NM WEST OF PINGAECHON AND 3.9 NM NW OF TANCHON. PLANT CONTAINS COMBINATION TURBINE AND GENERATOR HALL, TRANSFORMER AND SWITCHING YARD, SURGE TOWER, 4 PENSTOCKS, ONE BYPASS PENSTOCK, 2 CONTROL HOUSES AND ONE ADMINISTRATION BUILDING.	4029N 12850	E Ø29Ø		118-A
ARIWONHOEYANG, RAILROAD OPERATIONAL RAILROAD LINE OBSERVED FROM:	383ØN 12545	E # Ø38Ø -		27 F ≔

	Coordinates		l I	Installatio	on Numbers	
City, Installation	Coord	linates	WAC	BE	NPIC	
SARIWON (38-30N 125-45E) TO NAMCHONJOM (38-20N 126-24E). NEW RAILROAD LINE OBSERVED FROM NAMCHONJOM GENERALLY NE TO A TURN AT 38-38N 126-41E THEN GENERALLY SE TO 38-31N 126-52E WHERE CONSTRUCTION CONTINUES ON LAST 7 NM OF ROADBED. LINE APPEARS OPERATIONAL FROM NAMCHONJOM TO HYONGIE DONG (38-34N 126-36E).						25X
HUNGDAE-RI AREA, HYDROELECTRIC POWER PLANT 5 NM SW OF CHUNGDAE-RI FACILITIES INCLUDE TURBINE HOUSE, TRANSFORMER YARD, AND PENSTOCKS (EXTENDING 2,500 FT SW TO A TUNNEL ENTRANCE). PLANT IS APPARENTLY NOT OPERATING.	3847N	12748E	Ø38Ø		44 -C	25X ⁻
ANGDOK-SAMDUNG, RAILROAD OPERATIONAL ELECTRIFIED RAILROAD LINE OBSERVED FROM YANGDOK (39-14N 126-38E) TO NAEPYONG (39-16N 126-26E) ON 100 PER CENT CLOUD FREE PHOTOGRAPHY. TWO TRAINS OBSERVED, ONE AT HWACHANG (39-16N 126-30E) WITH 7 CARS, AND THE OTHER 1.8 NM WNW OF YANGDOK WITH 5 PASSENGER CARS.	3914N	12638E	Ø38Ø		43-A	25X
PORTS AND HARBORS SONGJIN PORT FACILITIES IMMEDIATELY WEST OF SONGJIN.	4Ø39N	12912E	Ø29Ø		99-B	25)

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25X1

VESSELS 3 P-4-CLASS PT, 4 PROBABLE P-4-CLASS PT, ONE PROBABLE PC, AND NUMEROUS SMALL CRAFT OBSERVED IN CLOUD-FREE AREAS. HAEJU, PORT FACILITIES 2.8 NM SOUTH OF HAEJU. RAIL-SERVED PORT COMPRISES AN APPROXIMATELY 1,888 FT LONG QUAY, 4 LARGE WAREHOUSES, 6 SMALL SUPPORT BUILDINGS, AND 2 CRANES. A SMALL SHIPYARD IMMEDIATELY EAST CONTAINS APPROXIMATELY 18 BUILDINGS AND 7 SMALL CRAFT UNDER CONSTRUCTION IN THE YARD. VESSELS APPROXIMATELY 15 SMALL CRAFT. CHANGJON PORT FACILITIES SOUTH EDGE OF CHANGJON AND 8 NM NW OF KOSONG. NO APPARENT CHANGE IN FACILITIES SINCE VESSELS 5 POSSIBLE PT, ONE PC, AND NUMEROUS SMALL CRAFT. NO APPARENT CHANGE IN FACILITIES SINCE VESSELS ONE 195 FT COASTAL FREIGHTER UNDER CONSTRUCTION AND NUMEROUS SMALL CRAFT STORAGE	City, Installation	ے ا	ordinates	I WAC -	Installa	tion Numbers
P-4-CLASS PT, ONE PROBABLE PC, AND NUMEROUS SMALL CRAFT OBSERVED IN CLOUD-FREE AREAS. HAEJU, PORT FACILITIES 2.8 NM SOUTH OF HAEJU. RAIL-SERVED PORT COMPRISES AN APPROXIMATELY 1,000 FT LONG QUAY, 4 LARGE WAREHOUSES, 6 SMALL SUPPORT BUILDINGS, AND 2 CRANES. A SMALL SHIPYARD IMMEDIATELY EAST CONTAINS APPROXIMATELY 16 BUILDINGS AND 7 SMALL CRAFT UNDER CONSTRUCTION IN THE YARD. VESSELS — APPROXIMATELY 15 SMALL CRAFT. CHANGJON PORT FACILITIES SOUTH EDGE OF CHANGJON AND 8 NM NW OF KOSONG. NO APPARENT CHANGE IN FACILITIES SINCE VESSELS — 5 POSSIBLE PT, ONE PC, AND NUMEROUS SMALL CRAFT. HONSAN PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE VESSELS — ONE 195 FT COASTAL FREIGHTER UNDER CONSTRUCTION AND NUMEROUS SMALL CRAFT STORAGE 3759N 12542E 8388 19-B 19-B 19-B 19-B 19-B 19-B 19-B 19-B 19-B 19-B 19-C 9388 19-B 19		+		"AC	BE	NPIC
2.8 NM SOUTH OF HAEJU. RAIL-SERVED PORT COMPRISES AN APPROXIMATELY 1.0000 FT LONG QUAY, 4 LARGE WAREHOUSES, 6 SMALL SUPPORT BUILDINGS, AND 2 CRANES. A SMALL SUPPORT BUILDINGS, AND 7 SMALL CRAFT UNDER CONSTRUCTION IN THE YARD. VESSELS — APPROXIMATELY 15 SMALL CRAFT. CHANGJON PORT FACILITIES SOUTH EDGE OF CHANGJON AND 8 NM NW OF KOSONG. NO APPARENT CHANGE IN FACILITIES SINCE VESSELS — 5 POSSIBLE PT, ONE PC, AND NUMEROUS SMALL CRAFT. HONSAN PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE VESSELS — ONE 195 FT COASTAL FREIGHTER UNDER CONSTRUCTION AND NUMEROUS SMALL CRAFT. STORAGE	P-4-CLASS PT, ONE PROBABLE PC, AND NUMEROUS					
SOUTH EDGE OF CHANGJON AND 8 NM NW OF KOSONG. NO APPARENT CHANGE IN FACILITIES SINCE VESSELS 5 POSSIBLE PT, ONE PC, AND NUMEROUS SMALL CRAFT. JONSAN PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE VESSELS ONE 195 FT COASTAL FREIGHTER UNDER CONSTRUCTION AND NUMEROUS SMALL CRAFT. STORAGE	2.8 NM SOUTH OF HAEJU. RAIL-SERVED PORT COMPRISES AN APPROXIMATELY 1,000 FT LONG QUAY, 4 LARGE WAREHOUSES, 6 SMALL SUPPORT BUILDINGS, AND 2 CRANES. A SMALL SHIPYARD IMMEDIATELY EAST CONTAINS APPROXIMATELY 10 BUILDINGS AND 7 SMALL CRAFT UNDER CONSTRUCTION IN THE YARD.	3759N	12542E	Ø38Ø ·		19-B
VESSELS ONE 195 FT COASTAL FREIGHTER UNDER CONSTRUCTION AND NUMEROUS SMALL CRAFT	SOUTH EDGE OF CHANGJON AND 8 NM NW OF KOSONG. NO APPARENT CHANGE: IN FACILITIES SINCE VESSELS 5 POSSIBLE PT; ONE PC; AND NUMEROUS	3844N	12811E	Ø38Ø		67-8
	VESSELS ONE 195 FT COASTAL FREIGHTER UNDER CONSTRUCTION AND NUMEROUS SMALL CRAFT	391ØN	12726E	Ø38Ø :		3Ø-C
SAKCHU AREA, STORAGE SITE 4018N: 12504E 0290: 111	AKCHU AREA, STORAGE SITE					

SECRET

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	T			Installat	tion Numbers	1
City, Installation	Coor	rdinates	WAC	BE	NPIC	
AREA CONTAINS AT LEAST 19 BUILDINGS DISPERSED IN A VALLEY. PARTIAL CLOUD COVER PRECLUDES FURTHER INTERPRETATION.						
MUICHON AREA, STORAGE AREA 9 NM NORTH OF HUICHON AND IMMEDIATELY WEST OF MYONGMUN-CHON (RIVER). APPARENTLY UNSECURED, ROAD-SERVED STORAGE AREA CONTAINS AT LEAST 50 STORAGE-TYPE BUILDINGS DISPERSED IN 2 VALLEYS. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.	4Ø19N	12617E	Ø29Ø		1Ø9-A	
KANGCHON, STORAGE INSTALLATION IMMEDIATELY EAST OF KANGCHON AND 4.5 NM NW OF PUKCHONG. SMALL SECURED STORAGE AREA CONTAINS 8 STORAGE AND 4 ADMINISTRATION BUILDINGS AND 5 POSSIBLE STORAGE BUILDINGS UNDER CONSTRUCTION.	4017N	12814E	Ø29Ø		113	
MANPOJIN AREA, EXPLOSIVES STORAGE 7 NM SE OF MANPOJIN. AT LEAST 46 REVETTED PROBABLE EXPLOSIVES STORAGE BUILDINGS OBSERVED IN CLOUD-FREE AREAS.	41Ø5N	126 24 E	Ø29Ø		77-A	
TAECHON AREA, POL STORAGE AREA 2.8 NM NW OF TAECHON. AREA COMPRISES 10 POL REVETMENTS (8 CONTAIN A TOTAL OF 50 CYLINDRICAL TANKS) AND	3957N	12527E	Ø38Ø		7-A	

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City, Installation	tion Coordinates WAC Instal		Coordinates WAC Install		ion Numbers]
,,			***	8E	NPIC]
APPROXIMATELY 25 ASSOCIATED BUILDINGS. FIVE TRUCKS OBSERVED.						2
						١
AESONG COMPLEX	3758N	12633E	Ø38Ø		35	25)
COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, INCLUDES RAILROAD YARD AND SEVERAL SMALL						l
INDUSTRIES.						
MINING AREA OBSERVED 1.5 NM NE OF KAESONG.						
FOUR MILITARY AREAS OBSERVED WITHIN 5						
NM RADIUS OF KAESONG. (AREAS REFERENCED FROM KAESONG.)						
NAESUNG.)						
AREA A (APPROXIMATELY, 3.5 NM EAST AT UTM						
COORDINATES BT930045, 37-58N 126-38E) 3 SQ						
MI AREA CONTAINS NUMEROUS SMALL BARRACKS AND						
STORAGE AREAS WITH 2 OCCUPIED 6-GUN AAA SITES			ļ		į i	
AND AN ARMOR AREA WITH 4 TANKS/SP GUNS IN					1	
REVETMENTS. NUMEROUS TRENCHES AND REVETMENTS SCATTERED THROUGHOUT AREA.						
TOTAL TARGET AREAS						
AREA B (3 NM NW AT UTM COORDINATES BT820089,						
38-00N 126-31E) APPROXIMATELY .5 SQ MI AREA					1	
CONTAINS 10 BARRACKS, 7 ADMINISTRATION, 2						
ADMINISTRATION/SUPPORT, AND NUMEROUS SMALLER ASSOCIATED BUILDINGS AND AN OCCUPIED						
PROBABLE 3-GUN AAA SITE. NUMEROUS TRENCHES AND						
REVETMENTS SCATTERED THROUGHOUT AREA. THREE						
PROBABLE BTR-152 PERSONNEL CARRIERS AND						
APPROXIMATELY 10 TRUCKS OBSERVED.						
ADEA 0 40 km of 45 km			İ			
AREA C (3 NM SE AT UTM COORDINATES BT895012,]				
37-56N 126-36E) 4 PROBABLE BARRACKS, ONE			İ			
					l	

	Coordinates			Installati	on Numbers	
City, Installation	Coor	rdinates	WAC	BE	NPIC	
ADMINISTRATION, AND 4 LARGE STORAGE BUILDINGS. FOURTEEN CARGO TRUCKS AND 12 FA PIECES OBSERVED.						
AREA D (5 NM NE AT UTM BT938095, 38-00N 126-39E) SMALL MILITARY AREA CONTAINS ONE LARGE BARRACKS BUILDING, 3 SUPPORT/STORAGE BUILDINGS (ONE UNDER CONSTRUCTION) AND 4 SMALL SEMIREVETTED BUILDINGS, FOUR PROBABLE 76MM FA PIECES OBSERVED.						
PIECES UBSERVED.						25X
PAEKCHON COMPLEX RAIL-SERVED COMPLEX, APPROXIMATELY ONE SQ MI IN AREA, CONTAINS PRIMARILY COMMERCIAL AND RESIDENTIAL-TYPE BUILDINGS, SMALL RAILROAD YARD, AND TURNING WYE.	3759N	12618E	Ø38Ø		60	25
						25>
IAMCHONJOM COMPLEX COMPLEX, APPROXIMATELY ONE SQ MI IN AREA, INCLUDES SEVERAL HOUSING AREAS, SOME LIGHT INDUSTRY, AND A SMALL RAILROAD YARD.	3819N	12623E	Ø38Ø		36	25
PYONGGANG COMPLEX COMPLEX. EXTENDING ONE NM NW ALONG ROAD TO	3824N	12717E	Ø38Ø		26-A	
POKKYE-RI AND ON BOTH SIDES OF HILL TO NW, IS PROBABLE MILITARY HEADQUARTERS WITH NUMEROUS BARRACKS, ADMINISTRATION, AND SUPPORT-TYPE BUILDINGS FEW CIVILIAN-TYPE BUILDINGS OBSERVED. COMPLEX IS SERVED BY KYONGWON-BONSON RAILROAD AND SECONDARY ROADS.						

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	Installati			tion Numbers	1
City, Installation	Coordinates	WAC	BE	NPIC	1
RADIO RELAY TOWER OBSERVED ON HILLTOP					
(38-24-50N 127-18-20E) ONE NM WNW OF PYONGGANG. APPROXIMATELY 50 UNIDENTIFIED VEHICLES					
OBSERVED THROUGHOUT COMPLEX.					2
ECHON COMPLEX	3941N 12553E	Ø38Ø		40	25
COMPLEX IS PRIMARILY A RAILROAD AND URBAN CENTER. NO MAJOR INDUSTRY OR MILITARY ACTIVITY OBSERVED.					2:
NGDOK COMPLEX COMPLEX, LESS THAN ONE SQ MI IN AREA, IS PRIMARILY RESIDENTIAL.	3914N 12638E	03803		43	2:
NSAN COMPLEX NO APPARENT CHANGE IN FACILITIES SINCE	39Ø9N 12727E	Ø38Ø :		3Ø⇒8 ≒	2
APPROXIMATELY 150 VEHICLES AND APPROXIMATELY 250 RAIL CARS OBSERVED IN COMPLEX					25
					25
NGNAM COMPLEX COMPLEX, APPROXIMATELY 15 SQ MI, INCLUDES 2 LARGE CHEMICAL PLANTS, COPPER REFINERY, LARGE	395ØN 12737E	Ø38Ø		22-A	
EXPLOSIVES PLANT, RAILROAD YARDS, MILITARY BARRACKS, AND PORT FACILITIES. APPROXIMATELY 110 RAIL CARS OBSERVED IN COMPLEX.					
VESSELS 2 FREIGHTERS AND NUMEROUS SMALL CRAFT.					

Installation Numbers WAC City, Installation Coordinates NPIC Ø38Ø 2Ø-8 3955N 12732E HAMHUNG COMPLEX COMPLEX, APPROXIMATELY 6 SQ MI IN AREA, IS PRIMARILY RESIDENTIAL WITH SOME SMALL AGRICULTURAL PROCESSING AND WOODWORKING INDUSTRIES, RAILROAD YARDS AND SHOPS, POL STORAGE AREA ON NE EDGE OF COMPLEX, AND SMALL BARRACKS AREAS. **MISCELLANEOUS** 47-A Ø38Ø 3945N 12618E TOKCHON AREA, PROB VEHICLE REPAIR FACILITY 1.7 NM WSW OF TOKCHON. RAIL-SERVED FACILITY CONTAINS 3 MONITOR-ROOF. 25 STORAGE, AND NUMEROUS SMALLER ASSOCIATED BUILDINGS AND POSSIBLE FOUNDRY. APPROXIMATELY 900 TRUCKS OBSERVED.

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25X1

25X1 25X1

25X1

25X1

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SECTION II

This section provides a listing of those targets which reflect no change in facilities from previous target description. The mission number shown on the photo reference line (e.g., nac grc 000) refers to the mcI which contains the most adequate description of that target. Millitary

INSTALLATIONS WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UN-

DER THIS SECTION.

SECRET NPIC/R-1572/63 25X1 Installation Numbers Coordinates WAC City, Installation BE NPIC -CHINA-URBAN COMPLEXES 25X1 27 Ø29Ø 4ØØ8N 12424E AN-TUNG COMPLEX 25X1 -NORTH KOREA-MILITARY INSTALLATIONS 1Ø9-B I DONG AREA, POSSIBLE MILITARY INSTALLATION 4012N 12611E Ø29Ø 25X1 92-A 4Ø58N 12637E Ø29Ø KANGGYE. MILITARY AREA 25X1 4003N 12820E Ø29Ø 105 SOHO-RI AREA, MILITARY ACTIVITY 25X1 NAMCHONJOM, MILITARY BARRACKS AREA 382ØN 12623E Ø38Ø 36-B 25X1 3929N 12551E Ø38Ø 64 CHOP-TONG AREA, PROBABLE MILITARY AREA 25X1 3935N 12715E Ø38Ø 37-A YONGHUNG AREA, BARRACKS AREA 25X1

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SECRET 25X1

City. Installation	City, Installation Coordinates		Installation Numbers	
	Coordinate	s WAC	BE	NPIC
INDUSTRY				
SONGJIN IRON AND STEEL PLANT	4042N 129	913E Ø29Ø		99-A
HASONG MINING COMPLEX	3814N 125	546E Ø38Ø		59
BASIC SERVICES				
SUPUNG-DONG HYDROELECTRIC POWER PLANT SUIHO	4Ø27N 124	458E Ø29Ø =		80
YALU CHIANG, DAM UNDER CONSTRUCTION	4121N 126	30E 0290		77-C
STORAGE				
KUJANG-DONG AREA, STORAGE AREA	3951N 126	5Ø3E Ø38Ø		75
URBAN COMPLEXES				
SINUIJU COMPLEX	4006N 124	24E Ø29Ø		81
HAEJU COMPLEX	38Ø2N 125	642E Ø38Ø		19-A
CHINNAMPO COMPLEX	3843N 125	24E Ø38Ø		17

25X1

			Installatio	n Numbers
City, Installation	Coordinates	WAC	BE	NPIC
NON COMPLEX	3926N 12715E	Ø38Ø		37

25X1

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SECTION III
THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTI- FIED BUT NOT INTERPRETED.
TIES BOT NOT INTERVINE TEST

City, Installation	Coordinates	Coordinates WAC		on Numbers	ł
City, installation			BE	NPIC	
-CHINA-					
AIR INSTALLATIONS					
TA-PAO AIRFIELD	4Ø32N 12413	0290		59	2
UAN-TIEN AIRFIELD WEST	4Ø42N 12436	Ø29Ø		42	2
ILITARY INSTALLATIONS	4011N 12421	0290		27-J	
N-TUNG AREA; BARRACKS AREA NORTH	4011N 12421	92 90		21.0	2
N-TUNG AREA, BARRACKS AREA	4Ø15N 12417	Ø29 Ø		27-1	2
NORTH KOREA-					
MISSILES					
PYDNGYANG SAM SITE	3845N 12551	E Ø38Ø		11-L	2
AIR INSTALLATIONS					
HOEMUN-DONG AIRFIELD	4125N 12939	E Ø29Ø		93	2
PYONGYANG MAIN AIRFIELD	39Ø1N 12546	E Ø38Ø		11-D	

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City, Installation	Coordinates	WAC		ion Numbers	1
			BE	NPIC	
YONG-NI AIRFIELD	3924N 12554	E Ø38Ø		5	2
UKCHANG-NI AIRFIELD	393ØN 12558	E Ø38Ø		19	2
ILITARY INSTALLATIONS					
ARIWON AREA. MILITARY INSTALLATION	3832N 12546	E Ø38Ø		27-C	2
HINNAMPO NAVAL BASE	3843N 12524	E Ø38Ø		17-A	2
UMCHON AREA. MILITARY INSTALLATION	3813N 1263Ø	E Ø38Ø		42-C	2
UAN AREA, MILITARY ACTIVITY	3842N 12622	E Ø38Ø		51	2
OKSAN. MILITARY COMPLEX	3847N 12641	E Ø38Ø		49	2
ARHWI RI ARMY BARRACKS	3837N 128Ø1	Ø38Ø		82-A	2
YONGYANG/SADONG AREA. MILITARY INSTALLATION	3900N 12550I	0380		11-F	2
OBI-RI AREA. MILITARY CAMP & TRAINING AREA	39Ø6N 125578	Ø38Ø		77	2

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		г Т	Installatio	n Numbers	25 X 1
City, Installation	Coordinates	WAC	BE	NPIC	
SUNAN, BARRACKS AREA	3907N 12539E	Ø38Ø		8-A	25X1
SINANJU AREA, MILITARY BARRACKS & TRNG AREAS	3925N 12543E	Ø38Ø		12-0	
SINANJU AREA, MILITARY BKS & EXPL STGE AREAS	3928N 12541E	Ø38Ø		12-F	25 X 1
	3929N 12535E	Ø38Ø		12-H	25 X 1
SINANJU AREA, MILITARY INSTALLATION (2)	392911 123330				25 X 1
SINANJU AREA, MILITARY INSTALLATION (1)	3932N 12537E	Ø38Ø		12-G	25 X 1
SINANJU AREA, MILITARY BARRACKS & STGE AREA	3934N 1254ØE	Ø38Ø		12-E	25 X 1
KWAKSAN PROBABLE MILITARY CAMPS	3942N 125 06E	Ø38Ø		74	25X1
CHONGJU AREA, MILITARY INSTALLATION	3942N 125 18 E	Ø38Ø		38-A	Z5 X 1
KANCOONC ADGA MILITADY ACTIVITY	39Ø8N 126 Ø9 E	Ø38Ø		23-A	25 X 1
KANGDONG AREA, MILITARY ACTIVITY	379011 120072				25X1 25X1
SONGCHON ARMY BARRACKS AREA WEST	3914N 1261ØE	Ø38Ø		76-B	25 X 1
UNSAN-NI AREA, MILITARY CAMP	3919N 12604E	Ø38Ø		76	25X1
UNSAN-NI AREA, BARRACKS AREA	3921N 12600E	Ø38Ø		76-A	25X

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	lation Numbers	Installati			_	City, Installation
_	NPIC	BE	WAC	Coordinates		City, institution
						ECTRONICS/COMMUNICATIONS
25>	11-N		Ø38Ø	12541E	3857N	ONGYANG HIGH FREQUENCY BROADCASTING STATION
						DUSTRY
25) 25)	194		Ø29Ø	12625E	4Ø37N	DNCHON UP, MUNITIONS PLANT PUG 65
25)	6-B		Ø38Ø	12514E	3953N	MSI, SUSP A/C MAINTENANCE/ASSEMBLY PLT U/G
25)	57		Ø38Ø	12627E	39Ø6N	ANGIN-NI MINING COMPLEX
						DRAGE
25)	42-B		Ø38Ø :	12637E	38Ø9N	ACHON AREA, POL STORAGE
25	55-A		Ø38Ø	12439E	3946N	DLSAN AREA, STORAGE FACILITY
25	6-A		0380	125Ø9E	3953N	SAN COMPLEXES
25. 25.	77-0		Ø29Ø	12617E	41Ø9N	POJIN COMPLEX
25X	27-D		Ø38Ø	12544E	383ØN	IWON COMPLEX

Installation Numbers Coordinates WAC City, Installation BE NPIC 42 38Ø9N 12628E Ø38Ø KUMCHON COMPLEX 39 3947N 12454E Ø38Ø SONCHON COMPLEX 11-A Ø38Ø 3900N 12545E PYNNGYANG COMPLEX 41 Ø38Ø 3925N 12556E SUNCHON COMPLEX 3941N 12513E Ø38Ø 38 CHONGJU COMPLEX

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25X1

NPIC/R-1572/63

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25**X**1

25X1

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NPIC/R-1572/63

APPENDIX

EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

COLUMN HEADINGS

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\rm WAC}$ -- This column provides the World Aeronautical Chart number for the area in which the subject installation is situated.

Installation Numbers -- This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed with the appropriate WAC number, since installa-

tion numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0290-1 and an NPIC target number 0380-1. In each instance, the NPIC installation number is 1, but the installations appear on different WAC charts.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semidarkness); O (obliquity); S (snow); and PQ (poor image quality).

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