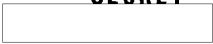
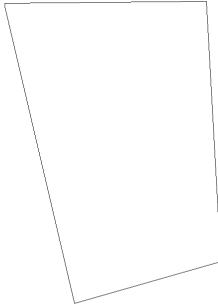


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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



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BLACK SHIELD MISSION BX6723

17 SEPTEMBER 1967

NPIC/R-194/67
NOVEMBER 1967

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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NPIC/D 104/67

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PREFACE

This report represents a summary of targets covered by the subject mission. Those targets which reflect no significant change in facilities from the most adequate previous mission will carry the appropriate mission number and date, prefixed by the letters "NAC," as the last entry on the photo reference line. Targets which can be identified only will carry the letters "ID ONLY" as the last entry on the photo reference line.

The header line for each target contains, reading from left to right, the installation name, the geographic coordinates, the World Aeronautical Chart (WAC) number, the Basic Encyclopedia (BE) number, and the NPIC target number. The COMIREX target number, when available, appears between the installation name and coordinates.

All targets are arranged 1) by country, 2) within country according to subject, 3) within subject by WAC area, and 4) within WAC area by geographic coordinates in ascending order.

The map base used for derivation of coordinates is the best available among these series: US Air Target Chart (Series 200), AMS (1:50,000 and 1:250,000), JOG (1:250,000), ONC (1:1,000,000), and IMW (1:1,000,000).

Photo reference data includes frame numbers and symbols denoting limiting conditions, photointerpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (clear), SC (scattered cloud cover), HC (heavy cloud cover), H (haze), CS (cloud shadow), S (snow), O (obliquity), SD (semidarkness), GC (ground cover), CF (camouflage), and SS (small scale).

Interpretability of the photography is characterized as G (good), F (fair), or P (poor). Target coverage is denoted by the symbols T (total) or PT (partial). The mode of coverage is indicated by ST (stereo), PS (partial stereo), or NS (nonstereo).

AAA defenses are divided into four categories: automatic weapons (ZPU-1, ZPU-2, and ZPU-4), light (21-75 mm), medium (76-100 mm), and heavy (over 100 mm). Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (e.g., 6-gun AAA site, occupied/unoccupied).

For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.

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NPIC/R-194/67

ITEMS OF SPECIAL INTEREST

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES IS OBSERVED.

A TOTAL OF 126 SA-2 SITES ARE IDENTIFIED. OF THE 126, 19 ARE OCCUPIED (1 NEWLY IDENTIFIED), 89 ARE UNOCCUPIED (1 NEWLY IDENTIFIED), AND 15 ARE IDENTIFICATION ONLY.

SEVEN MAJOR AIRFIELDS PROVIDING ORDER OF BATTLE INFORMATION ARE COVERED.

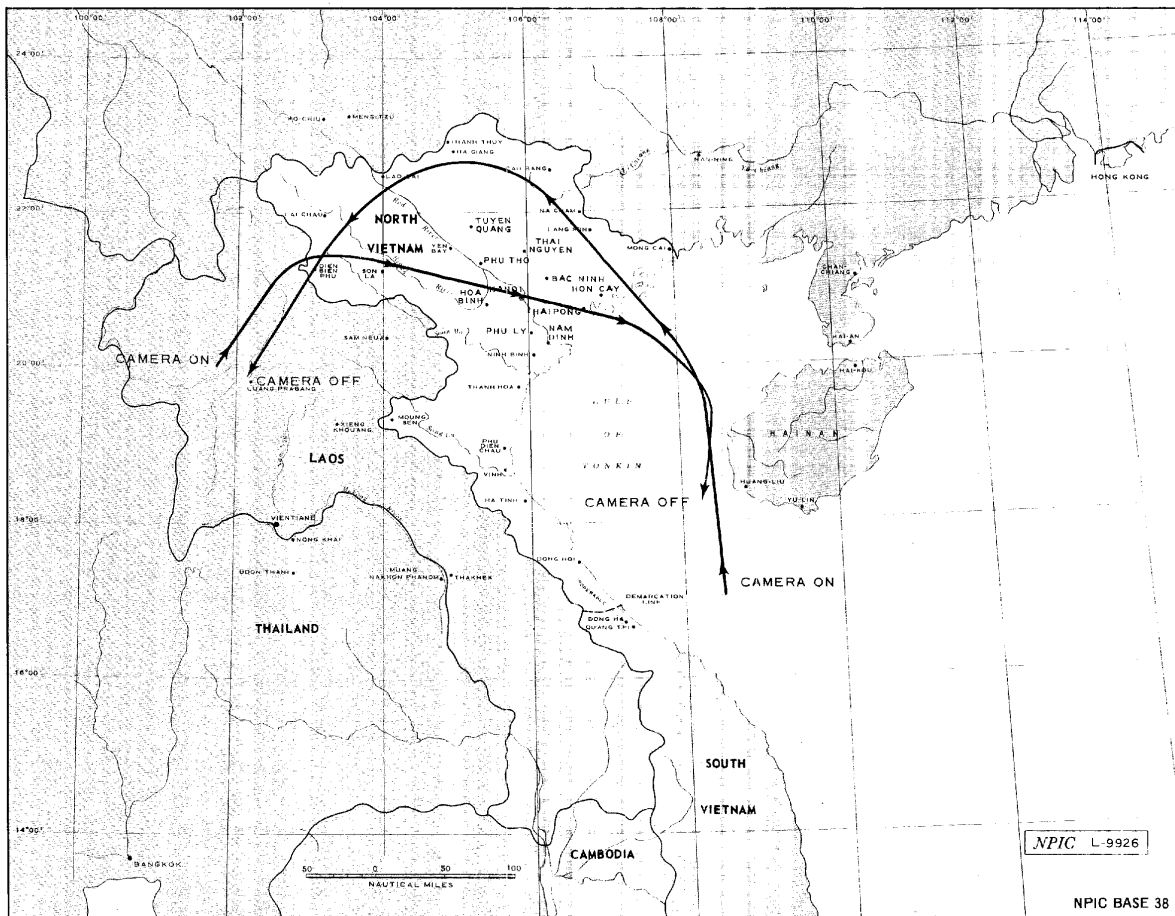
HA NOI AND HAI PHONG ARE IMAGED ON GOOD QUALITY PHOTOGRAPHY. SEVEN ADDITIONAL COMPLEXES, 3 MAJOR PORTS, AND 3 RAILROAD YARDS ARE INCLUDED AS ATTACHMENTS.

OF THE 18 PHOTOGRAPHICALLY CONFIRMED AW GCI RADAR SITES, 15 ARE IDENTIFIED ON THIS MISSION. SIX OF THE 15 ARE OCCUPIED.

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APPROXIMATE TRACK OF BLACK SHIELD MISSION BX6723, 17 SEPTEMBER 1967

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C-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>-- MILITARY INSTALLATIONS --</p> <p>HO-KOU VEHICLE PARKS NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] OB -- 43 CARGO TRUCKS. [REDACTED]</p>	2232N 10356E	0616		26-C
<p>HO-KOU ARMY BARRACKS NORTH INSTALLATION CONSISTS OF 5 SMALL AREAS REFERENCED FROM HO-KOU. AREA A (1.5 NM NORTH AT UTM UK935923) -- 2 ADMINISTRATION (1 T-SHAPED), 18 PROBABLE BARRACKS, 2 PROBABLE MESSHALLS, A MOTOR POOL CONTAINING 7 BUILDINGS, 38 PROBABLE STORAGE BUILDINGS (4 IN EARLY STAGES OF CONSTRUCTION), 35 STORAGE/SUPPORT BUILDINGS, AND 15 SMALL SUPPORT BUILDINGS. AREA B (1.3 NM NNE AT UK943917) -- 5 POSSIBLE STORAGE AND 6 SUPPORT BUILDINGS. AREA C (1.3 NM NORTH AT UK937917) -- 3 PROBABLE BARRACKS, 1 BARRACKS/STORAGE, 4 PROBABLE STORAGE, AND 6 SUPPORT BUILDINGS. AREA D (1.1 NM NORTH AT UK935915) -- 3 POSSIBLE BARRACKS, 7 POSSIBLE VEHICLE MAINTENANCE, AND 8 SUPPORT BUILDINGS. AREA E (0.6 NM NORTH AT UK933906) -- 1 PROBABLE MULTISTORY WAREHOUSE, 1 LONG SHED, AND 2 SUPPORT BUILDINGS. OB -- 8 TRUCKS AND 2 UNIDENTIFIED VEHICLES. [REDACTED]</p>	2232N 10357E	0616		26
<p>PING-HSIANG ARMY DEPOT NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] OB -- 20 CARGO TRUCKS AND 11 UTILITY TRUCKS WITH TRAILERS. [REDACTED]</p>	2205N 10645E	0616		9-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-- URBAN COMPLEXES --</p> <p>PING-HSIANG COMPLEX NO APPARENT CHANGE SINCE [REDACTED] OB -- 11 PROBABLE AAA PIECES (6 CANVAS COVERED) AND 654 TRUCKS/OTHER VEHICLES DISPERSED THROUGHOUT THE COMPLEX. [REDACTED]</p> <p>--NORTH VIETNAM--</p> <p>-- MISSILES --</p> <p>HAI PHONG SAM SITE B07-2 (98) SITE IS UNOCCUPIED. [REDACTED]</p> <p>HA NOI SAM SITE B34A-2 (234) SITE CONSISTS OF 4 OCCUPIED UNREVIEWED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN UNREVIEWED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR. OB -- 4 SA-2 MISSILES ON LAUNCHERS AND 1 PROBABLE FAN SONG RADAR. [REDACTED]</p> <p>HA NOI SAM SITE C17A-2 (161) SITE IS UNOCCUPIED. [REDACTED]</p> <p>HA NOI SAM SITE B17-2 (1) SITE IS UNOCCUPIED. [REDACTED]</p> <p>HA NOI SAM SITE B16-2 (162) SITE IS UNOCCUPIED. [REDACTED]</p>	<p>2206N 10645E</p> <p>2059N 10700E</p> <p>2013N 10545E</p> <p>2037N 10557E</p> <p>2047N 10554E</p> <p>2049N 10557E</p>	<p>0616</p> <p>0615</p> <p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>9</p> <p>111</p> <p>411-C</p> <p>318-B</p> <p>114-G</p> <p>265-C</p>	<p>25X1</p> <p>25X1</p> <p>25X1</p> <p>25X1</p> <p>25X1</p> <p>25X1</p> <p>25X1</p> <p>25X1</p>

Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
<p>HA NOI SAM SITE B21-2 (2) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN OCCUPIED REVETTED GUIDANCE AREA WITH GUIDANCE RADAR AND 5 VANS. OB --- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS.</p>	2051N 10545E	0616		114-H
<p>HOA BINH SAM SITE B08-2 (212) SITE IS UNOCCUPIED.</p>	2052N 10533E	0616		261-C
<p>HA NOI SAM SITE A17A-2 (45) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH MISSILES ON LAUNCHERS AND 1 WITH UNIDENTIFIED EQUIPMENT), A GUIDANCE AREA WITH A FAN SONG B/C RADAR, AT LEAST 4 VANS, 2 PIECES OF UNIDENTIFIED EQUIPMENT, A REVETTED MISSILE-HOLD POSITION WITH A PROBABLE ANTENNA TRANSPORT TRAILER, AND AN ACQUISITION RADAR POSITION WITH A REVETTED PROBABLE SPOON REST RADAR AND A REVETTED VAN TRUCK. OB -- 5 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG B/C RADAR, 1 SPOON REST RADAR, 1 VAN TRUCK, 4 VANS, AND A PROBABLE ANTENNA TRANSPORT TRAILER.</p>	2052N 10554E	0616		266-G
<p>HOA BINH SAM SITE B08A-2 (245) 14.1 NM ENE OF HOA BINH AT UTM WJ617098. NEWLY IDENTIFIED SITE (NO 245) CONSISTS OF 4 OCCUPIED UNRETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, AN OCCUPIED UNRETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 4 VANS, AND AN OCCUPIED ACQUISITION RADAR POSITION WITH 2 TRUCKS. OB -- 4 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, 4 VANS, AND 2 TRUCKS.</p>	2053N 10535E	0616		266-J

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Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
HA NOI SAM SITE B25-2 (11) SITE IS UNOCCUPIED. [REDACTED]	2054N 10536E	0616		266-E
HA NOI SAM SITE A19-2 (15) SITE IS UNOCCUPIED. [REDACTED]	2055N 10550E	0616		266-F
HA NOI SAM SITE A24-2 (19) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 6 VANS, AN ACQUISITION RADAR SITE WITH 2 UNIDENTIFIED VEHICLES, AND A MISSILE-HOLD POSITION WITH AN UNIDENTIFIED VEHICLE. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 6 VANS, AND 3 UNIDENTIFIED VEHICLES. [REDACTED]	2056N 10543E	0616		256-F
HA NOI SAM SITE A14-2 (142) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH PROBABLE MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR, AT LEAST 4 VANS, AND 2 UNIDENTIFIED PIECES OF EQUIPMENT, AND AN OCCUPIED ACQUISITION RADAR SITE. OB -- 6 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, 1 ACQUISITION RADAR, AND 4 VANS. [REDACTED]	2056N 10558E	0616		499-B
HA NOI SAM SITE A15-2 (243) SITE CONSISTS OF 5 UNREVETTED OCCUPIED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, A GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND AT LEAST 4 VAN TRAILERS, AND AN ACQUISITION RADAR POSITION OCCUPIED BY A TRUCK-MOUNTED SPOON REST RADAR AND 1 VAN TRUCK. ONE MISSILE TRANSPORTER WITH CANVAS-COVERED MISSILE AND 2 TRUCKS ARE ON A ROAD IMMEDIATELY EAST OF THE SITE AND 3 PROBABLE MISSILE TRANSPORTERS WITH POSSIBLE MISSILES ARE ON A ROAD IMMEDIATELY WEST OF THE SITE. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 MISSILE	2057N 10554E	0616		256-N

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
TRANSPORTER WITH CANVAS-COVERED MISSILE, 3 PROBABLE MISSILE TRANSPORTERS WITH POSSIBLE MISSILES, 1 FAN SONG RADAR, 1 SPOON REST RADAR, 5 VAN TRUCKS, AND 2 OTHER TRUCKS. [REDACTED]				
HA NOI SAM SITE B27-2 (180) SITE IS UNOCCUPIED. [REDACTED]	2059N 10533E	0616		529
HA NOI SAM SITE D16-2 (24) SITE IS UNOCCUPIED. [REDACTED]	2034N 10607E	0616		516
HA NOI SAM SITE C16-2 (166) SITE IS UNOCCUPIED. [REDACTED]	2041N 10605E	0616		362-A
HAI PHONG SAM SITE A17A-2 (86) SITE IS UNOCCUPIED. [REDACTED]	2042N 10644E	0616		371-F
HAI PHONG SAM SITE B25-2 (230) SITE IS UNOCCUPIED. [REDACTED]	2044N 10622E	0616		535
HAI PHONG SAM SITE A20-2 (25) SITE IS UNOCCUPIED. [REDACTED]	2044N 10639E	0616		109-V
HA NOI SAM SITE C13-2 (81) SITE IS UNOCCUPIED. [REDACTED]	2045N 10613E	0616		393-A
HAI PHONG SAM SITE A23-2 (66) SITE IS UNOCCUPIED. [REDACTED]	2045N 10635E	0616		371-A

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Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
HAI PHONG SAM SITE C26-2 (229) SITE IS UNOCCUPIED. [REDACTED]	2047N 10617E	0616		393-C
HAI PHONG SAM SITE A17-2 (34) SITE IS UNOCCUPIED. [REDACTED]	2047N 10642E	0616		109-W
HAI PHONG SAM SITE B27-2 (209) SITE IS UNOCCUPIED. [REDACTED]	2049N 10623E	0616		310-I
HAI PHONG SAM SITE A26-2 (246) 7.3 NM WSW OF HAI PHONG AT UTM XJ625031. NEWLY IDENTIFIED SITE (NO 246) CONSISTS OF 3 OCCUPIED UNRETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN OCCUPIED UNRETTED GUIDANCE AREA WITH GUIDANCE RADAR AND AT LEAST 3 ASSOCIATED VANS. OB -- 3 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND AT LEAST 3 ASSOCIATED VANS. [REDACTED]	2049N 10633E	0616		220-B
HAI PHONG SAM SITE A14-2 (137) SITE CONSISTS OF 3 OCCUPIED UNRETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND A GUIDANCE AREA WITH GUIDANCE RADAR AND 4 ASSOCIATED VANS. NO SUPPORT FACILITIES OBSERVED. OB -- 3 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 4 VANS. [REDACTED]	2049N 10643E	0616		109-A1
HAI PHONG SAM SITE A14A-2 (220) SITE IS UNOCCUPIED. [REDACTED]	2049N 10643E	0616		109-A3

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[REDACTED]

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI SAM SITE B13-2 (184) SITE IS UNOCCUPIED. [REDACTED]	2050N 10605E	0616		531
HAI PHONG SAM SITE C27-2 (224) SITE IS UNOCCUPIED. [REDACTED]	2050N 10617E	0616		310-K
HAI PHONG SAM SITE A27-2 (99) SITE IS UNOCCUPIED. [REDACTED]	2051N 10637E	0616		109-Z4
HA NOI SAM SITE C12-2 (88) SITE IS UNOCCUPIED. [REDACTED]	2052N 10611E	0616		312-C
HAI PHONG SAM SITE B28-2 (60) SITE IS UNOCCUPIED. [REDACTED]	2052N 10620E	0616		310-E
HAI PHONG SAM SITE A29-2 (21) SITE IS UNOCCUPIED. [REDACTED]	2052N 10634E	0616		109-S
HAI PHONG SAM SITE C28-2 (73) SITE IS UNOCCUPIED. [REDACTED]	2053N 10617E	0616		310-G
HAI PHONG SAM SITE A29A-2 (37) SITE IS UNOCCUPIED. [REDACTED]	2053N 10631E	0616		109-Z
HAI PHONG SAM SITE A29B-2 (236) SITE IS UNOCCUPIED. [REDACTED]	2053N 10633E	0616		109-Z7

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE A31A-2 (219) SITE IS UNOCCUPIED. [REDACTED]	2054N 10635E	0616		371-B1
HAI PHONG SAM SITE A31-2 (70) SITE IS UNOCCUPIED. [REDACTED]	2054N 10636E	0616		371-B
HAI PHONG SAM SITE A33A-2 (93) SITE IS UNOCCUPIED. [REDACTED]	2054N 10638E	0616		109-Z3
HA NOI SAM SITE C11-2 (84) SITE IS UNOCCUPIED. [REDACTED]	2055N 10615E	0616		312-B
HAI PHONG SAM SITE A07-2 (55) SITE IS UNOCCUPIED. [REDACTED]	2055N 10650E	0616		249-C
HA NOI SAM SITE B12-2 (3) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 8 VANS, AND AN OCCUPIED ACQUISITION RADAR SITE. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, AND 8 VANS. [REDACTED]	2056N 10604E	0616		312-A
HAI PHONG SAM SITE C29-2 (223) SITE IS UNOCCUPIED. [REDACTED]	2056N 10619E	0616		310-J
HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AREA 13.2 NM WNW OF HAI PHONG AT 20-56-22N 106-28-01E. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED]	2056N 10628E	0616		427-D

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Target	Coordinates	WAC	Target Numbers		
			BE	NPIC	
HAI PHONG SAM SITE A33-2 (71) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS, 1 WITH LAUNCHER, AND 1 UNOCCUPIED) AND A GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 5 VANS. CB --- 4 SA-2 MISSILES, 5 LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 5 VANS. [REDACTED]	2056N 10636E	0616		371-C	25X1 25X1 25X1
HAI PHONG SAM SITE A02-2 (85) SITE IS UNOCCUPIED. [REDACTED]	2056N 10642E	0616		371-E	25X1 25X1
HAI PHONG SAM SITE A06-2 (135) SITE IS UNOCCUPIED. [REDACTED]	2056N 10648E	0616		249-F	25X1 25X1
HAI PHONG SAM SITE B06B-2 (139) SITE IS UNOCCUPIED. [REDACTED]	2057N 10651E	0616		249-G	25X1 25X1
HAI PHONG SAM SITE B06-2 (47) SITE IS UNOCCUPIED. [REDACTED]	2058N 10651E	0616		249-A	25X1 25X1
HAI PHONG SAM SITE B30-2 (61) SITE IS UNOCCUPIED. [REDACTED]	2059N 10621E	0616		310-F	25X1 25X1
DIEN BIEN PHU SAM SEARCH NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED]	2123N 10301E	0616		105-F	25X1 25X1
HA NOI SAM SITE A11-2 (9) SITE IS UNOCCUPIED. [REDACTED]	2100N 10555E	0616		114-I	25X1 25X1

Target	Coordinates	WAC	NPIC-R-194/67 Target Numbers	
			BE	NPIC
HA NOI SAM SITE B26-2 (189) SITE IS UNOCCUPIED. [REDACTED]	2101N 10532E	0616		244-F
HA NOI SAM SITE A10-2 (14) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH PROBABLE MISSILES ON LAUNCHERS AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR, AT LEAST 4 VANS, AND 2 UNIDENTIFIED PIECES OF OF EQUIPMENT, AND A REVETTED ACQUISITION RADAR SITE WITH 2 VAN TRUCKS. OB -- 5 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 4 VANS. [REDACTED]	2101N 10558E	0616		114-K
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM IMMEDIATELY WNW OF HANOI/GIA LAM AIRFIELD. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] ACTIVITY -- 3 UNIDENTIFIED VEHICLES. [REDACTED]	2102N 10553E	0616		114-A
HOA BINH SAM SITE B04-2 (247) 15.9 NM NE OF HOA BINH AT UTM WJ545278. NEWLY IDENTIFIED SITE (NO 247) CONSISTS OF 3 UNOCCUPIED UNRETTED LAUNCH POSITIONS AND AN UNOCCUPIED UNRETTED GUIDANCE AREA. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED. OB -- NONE OBSERVED. [REDACTED]	2103N 10531E	0616		244-G
HA NOI SAM SITE B29-2 (17) SITE IS UNOCCUPIED. [REDACTED]	2104N 10539E	0616		462-K

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Target	Coordinates	WAC	NPIC-R-194/67 Target Numbers	
			BE	NPIC
HOA BINH SAM SITE B02-2 (237) SITE IS UNOCCUPIED. [REDACTED]	2108N 10525E	0616		200-G
HA NOI SAM SITE C29A-2 (211) SITE IS UNOCCUPIED. [REDACTED]	2108N 10527E	0616		248-C
HA NOI SAM SITE B30A-2 (43) SITE IS UNOCCUPIED. [REDACTED]	2108N 10535E	0616		248-B
HA NOI SAM SITE A05-2 (158) SITE IS UNOCCUPIED. [REDACTED]	2108N 10558E	0616		375-A
HA NOI SAM SITE A33-2 (125) SITE IS UNOCCUPIED. [REDACTED]	2109N 10546E	0616		523
HA NOI SAM SITE A01A-2 (242) SITE IS UNOCCUPIED. [REDACTED]	2109N 10551E	0616		221-0
HA NOI SAM SITE C29-2 (6) SITE IS UNOCCUPIED. [REDACTED]	2110N 10522E	0616		200-B
HA NOI SAM SITE B33-2 (64) SITE IS UNOCCUPIED. [REDACTED]	2110N 10544E	0616		411-A
HA NOI SAM SITE C30E-2 (114) SITE IS UNOCCUPIED. [REDACTED]	2111N 10521E	0616		262-C

Target	Coordinates	WAC	NPIC-R-194/67 Target Numbers	
			BE	NPIC
HA NOI SAM SITE B04-2 (5) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS), A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND AT LEAST 5 VANS, AN OCCUPIED ACQUISITION RADAR SITE, AND 3 REVETTED MISSILE-HOLD POSITIONS (1 WITH A PROBABLE TRANSPORTER, 1 WITH A POSSIBLE MISSILE ON A POSSIBLE TRANSPORTER, AND 1 UNOCCUPIED). OB -- 4 SA-2 MISSILES ON LAUNCHERS, 1 POSSIBLE SA-2 MISSILE, 1 PROBABLE TRANSPORTER, 1 POSSIBLE TRANSPORTER, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, AND AT LEAST 5 VANS.	2111N 10559E	0616		206-E
HA NOI SAM SITE C30A-2 (44) SITE IS UNOCCUPIED.	2112N 10521E	0616		389-A
HA NOI SAM SITE C30D-2 (92) SITE IS UNOCCUPIED.	2112N 10530E	0616		262-B
HA NOI SAM SITE C30-2 (7) SITE IS UNOCCUPIED.	2113N 10521E	0616		200-C
HA NOI SAM SITE C30C-2 (51) SITE IS UNOCCUPIED.	2114N 10523E	0616		200-E
HA NOI SAM SITE B01A-2 (124) SITE IS UNOCCUPIED.	2114N 10553E	0616		524
HA NOI SAM SITE B32-2 (146) SITE IS UNOCCUPIED.	2115N 10535E	0616		262-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI SAM SITE B01-2 (119) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH PROBABLE MISSILES ON LAUNCHERS AND 1 UNOCCUPIED), AN OCCUPIED REVETTED GUIDANCE AREA, AND AN UNOCCUPIED REVETTED ACQUISITION RADAR SITE. OB -- 5 PROBABLE SA-2 MISSILES ON LAUNCHERS AND A GUIDANCE RADAR.	2117N 10553E	0616		326-K
HA NOI SAM SITE C32-2 (143) SITE IS UNOCCUPIED.	2119N 10531E	0616		241-J
HA NOI SAM SITE C02-2 (56) SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS (3 WITH POSSIBLE MISSILES ON LAUNCHERS) AND AN OCCUPIED REVETTED GUIDANCE AREA. OB -- 3 POSSIBLE SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 1 POSSIBLE MISSILE TRANSPORTER.	2122N 10558E	0616		204-B
YEN BAI SAM SITE C13-2 (208) SITE IS UNOCCUPIED.	2123N 10517E	0616		378-D
HA NOI SAM SITE D31A-2 (28) SITE IS UNOCCUPIED.	2124N 10517E	0616		378-B
HA NOI SAM SITE D31C-2 (131) SITE IS UNOCCUPIED.	2124N 10517E	0616		525
HA NOI SAM SITE C01-2 (53) SITE IS UNOCCUPIED.	2125N 10551E	0616		414-A

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Target	Coordinates	WAC	NPIC-R-194/67 Target Numbers	
			BE	NPIC
HAI NOI SAM SITE C01B-2 (128) SITE IS UNOCCUPIED. [REDACTED]	2128N 10552E	0616		513-B
HAI NOI SAM SITE D36-2 (39) SITE IS UNOCCUPIED. [REDACTED]	2132N 10547E	0616		242-K
HAI NOI SAM SITE D35-2 (75) SITE IS UNOCCUPIED. [REDACTED]	2138N 10537E	0616		242-M
HAI PHONG SAM SITE C30-2 (72) SITE IS UNOCCUPIED. [REDACTED]	2101N 10619E	0616		370-B
HAI PHONG SAM SITE B01A-2 (121) SITE IS UNOCCUPIED. [REDACTED]	2102N 10642E	0616		109-X1
HAI PHONG SAM SITE B01-2 (35) SITE IS UNOCCUPIED. [REDACTED]	2102N 10643E	0616		109-X
HAI PHONG SAM SITE B34-2 (104) SITE IS UNOCCUPIED. [REDACTED]	2104N 10634E	0616		309-A
HAI PHONG SAM SITE C32A-2 (59) SITE IS UNOCCUPIED. [REDACTED]	2106N 10622E	0616		302-B
HAI PHONG SAM SITE C32-2 (58) SITE IS UNOCCUPIED. [REDACTED]	2106N 10623E	0616		302-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE B33-2 (38) SITE IS UNOCCUPIED. [REDACTED]	2107N 10630E	0616		109-Z1
HA NOI SAM SITE B07-2 (95) SITE IS UNOCCUPIED. [REDACTED]	2108N 10609E	0616		206-G
HA NOI SAM SITE B07A-2 (148) SITE CONSISTS OF 6 REVERTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS, 1 PROBABLY OCCUPIED WITH MISSILE ON LAUNCHER, AND 1 PROBABLY UNOCCUPIED LAUNCHER) AND A GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 4 VANS. OB -- 4 SA-2 MISSILES, 1 PROBABLE SA-2 MISSILE, 6 LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 4 VANS. [REDACTED]	2109N 10608E	0616		206-G1
HA NOI SAM SITE C06A-2 (78) SITE IS UNOCCUPIED. [REDACTED]	2115N 10616E	0616		238-J
HA NOI SAM SITE C07-2 (30) SITE APPEARS ABANDONED. [REDACTED]	2116N 10619E	0616		238-G
HA NOI SAM SITE C05-2 (62) SITE IS UNOCCUPIED. [REDACTED]	2117N 10605E	0616		206-F
HA NOI SAM SITE B04A-2 (186) SITE IS UNOCCUPIED. [REDACTED]	2118N 10602E	0616		206-F1
HA NOI SAM SITE C03A-2 (141) SITE IS UNOCCUPIED. [REDACTED]	2119N 10602E	0616		204-D

Target	Coordinates	WAC	NPIC-R-194/67 Target Numbers	
			BE	NPIC
CAO BANG SAM SEARCH AREA NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS. [REDACTED] -- AIR INSTALLATIONS --	2240N 10615E	0616		104-B
TIEN YEN AIRFIELD 1 NM EAST OF TIEN YEN. APPROXIMATELY 1,250 X 100 FT WNW/ESE, PACKED-EARTH LANDING STRIP WITH RUNWAY MARKERS, PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT. OB -- NONE OBSERVED. [REDACTED]	2119N 10725E	0615	[REDACTED]	104-B
HANOI/BAC MAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- 2 DERELICT AIRCRAFT IN HANGAR WITHOUT ROOF. [REDACTED]	2059N 10550E	0616		112-E
HAI PHONG/KIEN AN AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- NONE OBSERVED. [REDACTED]	2048N 10636E	0616		109-B
HAIPHONG/CAT BI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- 3 COLT. [REDACTED]	2049N 10643E	0616		109-A
DIEN BIEN PHU AIRFIELD 0.5 NM NORTH OF DIEN BIEN PHU. SEVENTY BOMB CRATERS ARE IN RUNWAY. ALL AIRFIELD SUPPORT BUILDINGS HAVE BEEN DESTROYED. NO EVIDENCE OF REPAIR OR ACTIVITY OBSERVED. AIRFIELD IS UNSERVICEABLE AND ABANDONED.	2123N 10300E	0616		105

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI HELICOPTER DISPERSAL AREA 3.8 NM NORTH OF HA NOI ON NORTH BANK OF THE RED RIVER AT UTM WJ864329. OB -- 3 HOOK. [REDACTED]	2105N 10549E	0616		112-Q4
PHUC YEN AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] EXCEPT FOR THE CONSTRUCTION OF 5 SHELTERS OVER ALERT REVETMENTS ALONG THE E-W TAXIWAY. OB -- 9 FISHBED, 9 FAGOT/FRESCO, 3 DUMMY/DECOY AIRCRAFT, 4 PROBABLE AIRCRAFT NOSE PROBES PROTRUDING FROM AIRCRAFT SHELTERS, AND 1 HOUND AT THE OLD AIRFIELD. [REDACTED]	2113N 10548E	0616		326-C
KEP HA AIRFIELD 3 NM EAST OF KEP HA. 3,200 X 70 FT NE/SW PACKED-EARTH/MACADAM RUNWAY, UNSERVICEABLE. FACILITIES INCLUDE AN EARTHEN PARALLEL LOOP TAXIWAY WITH 2 EARTHEN CROSSOVER LINKS, 12 AIRCRAFT REVETMENTS IN DISPERSAL AREA TO THE SE, AND 3 AIRCRAFT PARKING REVETMENTS BEHIND SUPPORT FACILITIES TO THE NW. SUPPORT FACILITIES INCLUDE A SMALL OPERATIONS BUILDING WITH CENTRAL TOWER AND 1 SUPPORT BUILDING. SEVEN STORAGE/SUPPORT BUILDINGS ARE AROUND A LOOP ROAD NW OF RUNWAY. AIRFIELD HAS BEEN SUBJECTED TO NUMEROUS AIRSTRIKES RENDERING THE RUNWAY UNSERVICEABLE. OB -- NONE OBSERVED. [REDACTED]	2122N 10640E	0616		397
KEP AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] EXCEPT RUNWAY HAS BEEN CRATERED IN 8 PLACES. OB -- NONE DISCERNIBLE. [REDACTED]	2124N 10616E	0616		211

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LANG SON AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB --- 3 COLT. [REDACTED]	2150N 10646E	0616		119-A
LAO CAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB --- NONE OBSERVED. [REDACTED]	2228N 10358E	0616		5-A
HA GIANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB --- NONE OBSERVED. [REDACTED]	2252N 10457E	0616		417-B
CAO BANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB --- NONE OBSERVED. [REDACTED]	2239N 10616E	0616		104
--- MILITARY INSTALLATIONS --- PHU YEN MILITARY INSTALLATION 0.5 NM WEST OF PHU YEN AT UTM WJ736001. SECURED PROBABLE HEADQUARTERS AREA CONTAINS 4 BARRACKS, 2 ADMINISTRATION, AND 4 SMALL SUPPORT BUILDINGS AND 1 VEHICLE SHED. [REDACTED]	2048N 10542E	0616		345
THUONG LAM MILITARY AREAS THREE MILITARY AREAS REFERENCED FROM THUONG LAM. AREA A (1.5 NM NW AT UTM WJ693023) -- 2 ADMINISTRATION AND APPROXIMATELY 10 SUPPORT BUILDINGS. AREA B (1.5 NM WEST AT WJ686005) -- 20 BARRACKS, 2 ADMINISTRATION, AND APPROXIMATELY 10 SUPPORT BUILDINGS.	2049N 10539E	0616		230--A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>TRENCHING OBSERVED THROUGHOUT AREA. TRAINING AREA IMMEDIATELY SOUTH OF BARRACKS AREA CONTAINS 4 AUTOMATIC WEAPONS FIRING RANGES WITH AT LEAST 10 MOVING TARGET RUNS.</p> <p>AREA C (3.5 NM NW AT WJ660025) -- 2 VEHICLE MAINTENANCE BUILDINGS AND APPROXIMATELY 20 SUPPORT BUILDINGS. TRAINING FACILITIES INCLUDE SEVERAL DRIVER TRAINING COURSES.</p>				
<p>NINH DUONG ARMY BARRACKS SW NGA MY 0.5 NM ENE OF NGA MY AT UTM WJ792069 AND IMMEDIATELY EAST OF HA NOI SAM SITE B21-2. SECURED CAMP CONTAINS 41 BARRACKS (1 DESTROYED AND 1 WITH MODERATE DAMAGE), 7 ADMINISTRATION, 3 MESSHALL, 7 STORAGE, 3 REVETTED STORAGE, AND 5 MISCELLANEOUS BUILDINGS, 1 H-SHAPED BUILDING FOUNDATION, AND AN ATHLETIC FIELD.</p>	2051N 10545E	0616		265
<p>VAN TRAI MILITARY AREAS THREE MILITARY AREAS REFERENCED FROM VAN TRAI. AREA A (0.3 NM WEST AT UTM WJ881076) -- SECURED AREA CONTAINS 10 BARRACKS, 2 MULTIWINING ADMINISTRATION, AND 8 SUPPORT BUILDINGS. AREA B (0.8 NM EAST AT WJ899078) -- SECURED AREA CONTAINS 21 BARRACKS, 2 ADMINISTRATION, 2 MESSHALL, 1 FIELD HOUSE, AND 8 SUPPORT BUILDINGS. AREA C (0.8 NM ESE AT WJ902073) -- SECURED AREA CONTAINS 12 BARRACKS, 2 ADMINISTRATION, 6 STORAGE, AND 6 SUPPORT BUILDINGS.</p>	2052N 10552E	0616		266-B
<p>XUAN MAI ARMY BARRACKS SSW 1 NM SSW OF XUAN MAI AT UTM WJ596105. ALL PREVIOUSLY REPORTED BARRACKS AND ADMINISTRATION BUILDINGS HAVE BEEN DISMANTLED/DESTROYED. FOUR REVETTED AMMUNITION STORAGE, 1 MESSHALL, AND 4 SUPPORT BUILDINGS REMAIN. NO ACTIVITY OBSERVED. AREA APPEARS</p>	2053N 10534E	0616		261

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ABANDONED. [REDACTED]				
THUONG DINH ARMY BARRACKS NORTH [REDACTED]	2054N 10551E	0616		266
VAN DIEN ARMY SUPPLY DEPOT [REDACTED]	2055N 10551E	0616		266-C
CHUC SON ARMY BARRACKS NORTH [REDACTED]	2056N 10542E	0616		256-C
XUAN MAI ARMY BARRACKS NNW HOA MUC 2.8 NM NNW OF XUAN MAI AT UTM WJ595160. AREA IS ABANDONED. SECURITY FENCE IS IN DISREPAIR. ALL PREVIOUSLY REPORTED BUILDINGS HAVE BEEN DISMANTLED. [REDACTED]	2057N 10534E	0616		261-A
HA DONG ARMY BARRACKS SW [REDACTED]	2057N 10545E	0616		256
HA DONG ARMY BARRACKS [REDACTED]	2058N 10546E	0616		256-B
GIAP NHAT SUPPLY & MAINTENANCE FACILITY [REDACTED]	2058N 10550E	0616		256-K
HA NOI BARRACKS AREA GIAP LUC [REDACTED]	2058N 10551E	0616		112-E2

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
DAI MO ARMY BARRACKS WSW [REDACTED]	2059N 10543E	0616		256-E
HA NOI MV REPAIR AND REASSEMBLY PLANT [REDACTED]	2059N 10548E	0616		112-U2
HA NOI ARMY BARRACKS BAC MAI AIRFIELD [REDACTED]	2059N 10549E	0616		112-G
HA NOI POSSIBLE BARRACKS AREA BAC MAI [REDACTED]	2059N 10550E	0616		112-F
HUNG YEN ARMY BARRACKS 1.5 NM NORTH OF HUNG YEN AT UTM XA110860. TWO FENCED AREAS CONTAIN A TOTAL OF 27 BARRACKS, 1 U-SHAPED ADMINISTRATION, 1 E-SHAPED ADMINISTRATION, 2 MESSHALL, AND 20 STORAGE/SUPPORT BUILDINGS. [REDACTED]	2040N 10604E	0616		362
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAI PHONG AND 1.5 NM ENE OF HAIPHONG/KIEN AN AIRFIELD. AREA IS CRATERED AND APPEARS ABANDONED. THIRTY-TWO RETTED STORAGE BUILDINGS ARE DAMAGED OR APPEAR IN DISUSE. [REDACTED]	2048N 10638E	0616		109-G
HAI PHONG ORDNANCE DEPOT KIEN AN 0.7 NM SE OF HAI PHONG/KIEN AN AIRFIELD AT UTM XJ688005. DEPOT CONSISTS OF APPROXIMATELY 80 REVETMENTS WITH AT LEAST 24 POL STORAGE TANKS BURIED IN 12 OF THE RETTMENTS. [REDACTED]	2048N 10638E	0616		260-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG ARMY BARRACKS KIEN AN [REDACTED]	2049N 10638E	0616		109-F
HAI PHONG ARMY BARRACKS SE CAT BI 2 NM SE OF HAI PHONG. INSTALLATION CONSISTS OF 3 AREAS WITH NUMEROUS DISMANTLED BUILDINGS. AREA A -- 26 BARRACKS AND 15 STORAGE/SUPPORT BUILDINGS REMAIN. AREA B --- A PROBABLE HOSPITAL AREA CONTAINS 9 INTERCONNECTED, 4 INTERCONNECTED HOSPITAL-TYPE, 2 ADMINISTRATION, AND 15 STORAGE/SUPPORT BUILDINGS. AREA C -- 25 STORAGE/SUPPORT BUILDINGS REMAIN. [REDACTED]	2049N 10642E	0616		109-A2
LOI DONG ARMY BARRACKS EAST EDGE OF LOI DONG AT UTM XJ675106. AREA HAS BEEN SUBJECTED TO AIR STRIKES WITH THE MAJORITY OF STRUCTURES DAMAGED BEYOND USE. AREA CONTAINS 2 DESTROYED AND 2 SEVERELY DAMAGED BARRACKS, 2 DESTROYED AND 1 SEVERELY DAMAGED LARGE STORAGE BUILDING, 1 DESTROYED AND 1 SEVERELY DAMAGED MESSHALL, 3 DAMAGED SMALL REVETTED STORAGE BUILDINGS, AND 10 DAMAGED/DESTROYED SUPPORT/STORAGE BUILDINGS. [REDACTED]	2053N 10636E	0616		225
HAI PHONG ARMY BARRACKS NORTH 2 NM NORTH OF HAI PHONG AT UTM XJ750107. SECURED AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION, 1 MESSHALL, AND 7 SUPPORT BUILDINGS. [REDACTED]	2053N 10641E	0616		109-J
KE SAT MILITARY STORAGE AREA 0.7 NM SW OF NGOC LAP. STORAGE COMPLEX HAS BEEN SUBJECTED TO AIR STRIKES. FIFTEEN STORAGE BUILDINGS ARE DESTROYED, 8 DAMAGED, AND 3 REMAIN INTACT, 2 BARRACKS ARE DESTROYED, AND 17 STORAGE/SUPPORT BUILDINGS ARE DESTROYED/DAMAGED. AREA	2054N 10606E	0616		311

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>APPEARS ABANDONED.</p> <p>[REDACTED]</p>				
<p>BAN YEN NHAN ARMY BARRACKS NW EDGE OF BAN YEN NHAN AT UTM XJ078158. BARRACKS AREA HAS BEEN SUBJECTED TO AIR STRIKES AND CONTAINS 4 BARRACKS (3 DAMAGED), 1 DAMAGED ADMINISTRATION BUILDING, 1 DAMAGED MESSHALL, 6 VEHICLE SHEDS (5 DAMAGED), 3 SMALL REVETTED STORAGE BUILDINGS, 7 DESTROYED/DAMAGED MISCELLANEOUS BUILDINGS, AND A SMALL-ARMS FIRING-RANGE. OB -- APPROXIMATELY 18 MISSILE CANISTERS.</p> <p>[REDACTED]</p>	2056N 10602E	0616		312
<p>HAI DUONG BARRACKS WEST THREE SEPARATELY FENCED BARRACKS AREAS 1.6 NM WSW OF HAI DUONG AT UTM XJ361153. AREAS HAVE BEEN SUBJECTED TO AIR STRIKES. AREA A (WEST AREA) -- 1 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION, AND 3 STORAGE BUILDINGS. AREA B (CENTRAL AREA) -- 4 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 2 ADMINISTRATION, 1 MESSHALL, AND 5 MISCELLANEOUS BUILDINGS. AREA C (EAST AREA) -- 4 DESTROYED, 1 DAMAGED, AND 1 UNDAMAGED BARRACKS, 1 DESTROYED MESSHALL, AND 2 DESTROYED MISCELLANEOUS BUILDINGS.</p> <p>[REDACTED]</p>	2056N 10619E	0616		310-A
<p>HAI DUONG BARRACKS AREA NORTH 1.5 NM NORTH OF HAI DUONG AT UTM XJ389184. AREA HAS BEEN SUBJECTED TO AIR STRIKES. SECURED AREA CONTAINS 1 DESTROYED, 1 DAMAGED, AND 2 UNDAMAGED BARRACKS, 1 DAMAGED AND 1 UNDAMAGED VEHICLE SHED, AND 5 UNDAMAGED STORAGE BUILDINGS (3 REVETTED).</p> <p>[REDACTED]</p>	2057N 10620E	0616		310-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BAN POM LOT BARRACKS AND STORAGE AREA AT BAN POM LOT. ALL 4 AREAS HAVE BEEN DESTROYED, DISMANTLED, OR OVERGROWN. ENTIRE AREA IS ABANDONED. [REDACTED]	2117N 10300E	0616		105-B
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE ALL AREAS HAVE BEEN SUBJECTED TO AIR STRIKE AND HAVE BEEN DESTROYED, DISMANTLED, OR OVERGROWN. THE ENTIRE AREA APPEARS ABANDONED. [REDACTED]	2122N 10301E	0616		105-A
NA PHU MILITARY AREAS FIVE AREAS IN NA PHU VICINITY. AREA A (AT UTM VJ638484) -- HAS BEEN SUBJECTED TO AIR STRIKES. THREE DAMAGED BUILDINGS REMAIN, ALL OTHER STRUCTURES DESTROYED. AREA B (AT VJ630410) -- CLOUD COVERED. AREA C (AT VJ600431) -- ALL STRUCTURES DISMANTLED. AREA D (AT VJ630505) -- ALL STRUCTURES/FACILITIES DESTROYED/DISMANTLED WITH THE EXCEPTION OF 4 BUILDINGS IN DISREPAIR. AREA E (AT VJ690560) -- STORAGE AREA SUBJECTED TO AIR STRIKE CONTAINS 24 DISPERSED STORAGE BUILDINGS DAMAGED OR IN DISREPAIR. [REDACTED]	2111N 10437E	0616		287-A
BAN NUOC CHIEU AMMUNITION DEPOT 2.5 NM SOUTH OF BAN NUOC CHIEU. STORAGE AREA HAS BEEN SUBJECTED TO AIR STRIKES. TWENTY-FOUR DISPERSED BUILDINGS ARE DAMAGED OR IN DISREPAIR. AREA APPEARS ABANDONED. [REDACTED]	2118N 10442E	0616		287-B
VAN HOI MILITARY AREAS THREE SECURED AREAS REFERENCED FROM VAN HOI. AREA A (4 NM SE AT UTM VJ901802) -- CLOUD COVERED. AREA B (4.3 NM SSE AT VJ899793) -- 9 BARRACKS AND 1 ADMINISTRATION BUILDING REMAIN. ALL OTHER PREVIOUSLY [REDACTED]	2131N 10454E	0616		451

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NPIC-R-194/67
Target Numbers

Target	Coordinates	WAC	Target Numbers	
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<p>REPORTED STRUCTURES HAVE BEEN DISMANTLED. AREA C (7 NM SE AT VJ940770) -- ALL STRUCTURES BUT 4 BUILDINGS HAVE BEEN DISMANTLED. AREA APPEARS ABANDONED.</p>				
<p>NGHIA LO ARMY BARRACKS FOUR BARRACKS AREAS REFERENCED FROM NGHIA LO. AREA A (IMMEDIATELY SW AT UTM VJ587884) -- CLOUD COVERED. AREA B (0.5 NM SE AT VJ499879) -- ALL BUT 2 STRUCTURES ARE DESTROYED OR DISMANTLED. AREA C (1 NM SSW AT VJ485870) -- ALL STRUCTURES ARE DESTROYED OR DISMANTLED. AREA D (4.5 NM SE AT VJ566894) -- CLOUD COVERED.</p>	2136N 10430E	0616		133-B
<p>HA NOI PROBABLE MILITARY STORAGE AREA PHU THI 7 NM EAST OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM XJ005230. RAIL-SERVED FACILITY HAS BEEN SUBJECTED TO AIR STRIKES. TWO WAREHOUSES HAVE SUSTAINED STRUCTURAL DAMAGE. ACTIVITY -- 1 PROBABLE LOCOMOTIVE, 11 FLAT CARS, AND 4 BOX CARS ON RAIL SPUR.</p>	2100N 10558E	0616		499
<p>HA NOI AREA ARMY BARRACKS WEST YEN LANG</p>	2101N 10549E	0616		112-I
<p>HA NOI STORAGE DEPOT CO BI 4.2 NM EAST OF HA NOI RAILROAD STATION CLASSIFICATION YARD AND SHOPS (BE NO [REDACTED]) DEPOT CONSISTS OF 6 AREAS. AREA A -- SECURED STORAGE AREA CONSISTS OF 4 LARGE WAREHOUSE-TYPE AND 9 SUPPORT BUILDINGS. AREA B -- SECURED STORAGE AREA ADJACENT TO AREA A CONSISTS OF ONE 2-STORY PROBABLE BARRACKS, 4 PROBABLE STORAGE BUILDINGS, 7 SUPPORT BUILDINGS, AND A WATER</p>	2101N 10555E	0616		114-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI PROBABLE MILITARY AREA [REDACTED]	2102N 10548E	0616		112-R1
HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ [REDACTED]	2102N 10550E	0616		112-A
DAN HOI ARMY BARRACKS SOUTH 1 NM SE OF DAN HOI AT UTM WJ751291. SECURED INSTALLATION CONTAINS 22 BARRACKS, 7 ADMINISTRATION, 10 STORAGE, 16 SUPPORT, 3 POSSIBLE AMMUNITION STORAGE, 4 MESSHALL, AND 6 MISCELLANEOUS BUILDINGS AND AN ATHLETIC FIELD. OB -- 3 PROBABLE CARGO TRUCKS. [REDACTED]	2103N 10543E	0616		462-C
KINH NO MILITARY INSTALLATION [REDACTED]	2107N 10551E	0616		221-H
BINH HA BARRACKS AREA [REDACTED]	2107N 10557E	0616		297
CAM DAI ARMY BARRACKS 1 NM EAST OF CAM DAI AT UTM WJ392387. AREA HAS BEEN SUBJECTED TO AIR STRIKES. NINE BUILDINGS REMAIN INTACT. ALL OTHER BUILDINGS HAVE BEEN DESTROYED OR HEAVILY DAMAGED. NUMEROUS BOMB CRATERS OBSERVED THROUGHOUT AREA. [REDACTED]	2108N 10522E	0616		200
XOM CHAN DA MILITARY INSTALLATION TWO AREAS REFERENCED FROM XOM CHAN DA. AREA A (1.4 NM NW AT UTM WJ203388) -- AREA APPEARS ABANDONED. APPROXIMATELY 10 BUILDINGS ARE DESTROYED/DISMANTLED. FOUR BARRACKS AND 1 ADMINISTRATION BUILDING REMAIN.	2109N 10511E	0616		385-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
PHUC DUC ARMY BARRACKS 1.2 NM WSW OF PHUC DUC AT UTM WJ367618. INSTALLATION CONSISTS OF 5 ADJACENT AREAS CONTAINING A TOTAL OF 21 BARRACKS, 4 ADMINISTRATION, 8 STORAGE, 2 REVETTED STORAGE, 13 ADMINISTRATION/SUPPORT, 5 MESSHALL, AND 24 MISCELLANEOUS BUILDINGS. NUMEROUS TRENCHES AND A TRACKED-VEHICLE DRIVER-TRAINING COURSE ARE IN THE AREA. [REDACTED]	2121N 10521E	0616		378
DUC THANG ARMY BARRACKS EAST 0.8 NM NE OF DUC THANG AT UTM XJ032622. BARRACKS AREA CONTAINS 9 BARRACKS (5 WITH LIGHT DAMAGE), 2 ADMINISTRATION, 3 MESSHALL, 14 STORAGE, 1 REVETTED STORAGE, AND APPROXIMATELY 12 SUPPORT BUILDINGS. A DRIVER-TRAINING AREA IS 1.5 NM NNW. [REDACTED]	2121N 10559E	0616		204
DUC THANG ARMY BARRACKS NNW [REDACTED]	2122N 10559E	0616		204-A
BIEU NGHI MILITARY AREAS 1 NM EAST OF BIEU NGHI ON NORTH SIDE OF ROUTE 18. INSTALLATION CONSISTS OF 2 AREAS. AREA A (AT UTM XJ930235) -- SECURED AREA CONTAINS 21 BARRACKS, 1 CORRIDOR-CONNECTED ADMINISTRATION/MESSHALL, 2 STORAGE, AND 5 SUPPORT BUILDINGS. AREA B (AT XJ935237) -- 8 BARRACKS-TYPE, 1 ADMINISTRATION, 1 LARGE AUDITORIUM-TYPE, AND 1 STORAGE/SUPPORT BUILDING. [REDACTED]	2100N 10651E	0616		460
SEPT PAGODES BARRACKS & STORAGE AREA 0.6 NM ENE OF SEPT PAGODES AT UTM XJ359351. ALL 25 PREVIOUSLY REPORTED STORAGE/SHOP BUILDINGS HAVE BEEN DISMANTLED. FOUR WAREHOUSES REMAIN. [REDACTED]	2106N 10618E	0616		302

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MAT SON BARRACKS AREA 2.8 NM NE OF MAT SON ON NW SIDE OF ROUTE 18 AT UTM XJ446347. SECURED AREA, ADJACENT TO HAI PHONG SAM SITE C32-2, CONTAINS 8 BARRACKS, 1 ADMINISTRATION, AND 5 SUPPORT BUILDINGS.	2106N 10623E	0616		302-A1
DONG TRIEU ARMY BARRACKS NW 3.2 NM NNW OF DONG TRIEU AT UTM XJ568373. INSTALLATION CONSISTS OF 2 AREAS CONTAINING A TOTAL OF 26 BARRACKS, 9 ADMINISTRATION, AND 7 MISCELLANEOUS BUILDINGS. TWELVE BARRACKS, 2 MESSHALLS, AND APPROXIMATELY 5 STORAGE BUILDINGS HAVE BEEN DISMANTLED.	2107N 10630E	0616		263-A
DONG TRIEU ARMY BKS NORTHEAST TRAI SOU 3.4 NM NE OF DONG TRIEU AT UTM XJ600357. AREA CONTAINS 39 BARRACKS, 1 ADMINISTRATION, 2 MESSHALL, AND 7 MISCELLANEOUS BUILDINGS.	2107N 10632E	0616		263
C-U MAU PROBABLE BARRACKS AREA	2109N 10606E	0616		206-J
BAC NINH ARMY BARRACKS	2110N 10603E	0616		206-A
CO MANH MILITARY CAMP 1.5 NM SE OF CO MANH AT UTM XJ510427. CAMP CONTAINS 10 SMALL BARRACKS, 1 SMALL ADMINISTRATION, AND 4 SMALL SUPPORT BUILDINGS.	2110N 10627E	0616		396

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Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
BAC NINH ARMY BARRACKS NE DAP CAU 1.8 NM NE OF BAC NINH ON SW EDGE OF THI CAU ON BOTH SIDES OF RAILROAD AT UTM XJ123438. MILITARY CAMP CONTAINS APPROXIMATELY 90 BARRACKS-TYPE, 3 AMMUNITION STORAGE, 6 MESSHALL, AND 8 MISCELLANEOUS BUILDINGS, 2 ATHLETIC FIELDS, AND SCATTERED TRENCHING. TEN REVETMENTS ARE ON WEST EDGE OF MILITARY AREA AND APPROXIMATELY 20 REVETMENTS ARE UNDER CONSTRUCTION ON SW EDGE OF CAMP. SECURED STORAGE AREA ON SOUTH EDGE OF CAMP CONTAINS 4 STORAGE AND 60 SMALL BUILDINGS. NO VEHICLES OR EQUIPMENT OBSERVED.	2111N 10605E	0616		206-B
BAC NINH MILITARY AREA	2112N 10605E	0616		206-C
CAM LY AMMUNITION DEPOT	2112N 10624E	0616		496
BAC GIANG MILITARY AREA	2117N 10612E	0616		238-B
BAC GIANG MAINTENANCE/STORAGE AREA	2117N 10612E	0616		238-L
BAC GIANG AMMUNITION DEPOT	2118N 10608E	0616		238-F
TRAI THON ARMY BARRACKS 1 NM NE OF TRAI THON AT UTM XJ196600. BARRACKS AREA HAS BEEN SUBJECTED TO AIR STRIKES. FOUR 2-STORY BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 1 AUDITORIUM-TYPE BUILDING ARE DESTROYED. SEVEN 2-STORY BARRACKS AND 4 STORAGE/SUPPORT BUILDINGS	2120N 10609E	0616		238-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
REMAIN. [REDACTED]				
KEP HA ARMY BARRACKS SOUTH [REDACTED]	2121N 10636E	0616		397-C
KEP HA ARMY BARRACKS NORTHEAST 1.2 NM EAST OF KEP HA AT UTM XJ695661. AREA CONSISTS OF 36 BARRACKS, 2 ADMINISTRATION, 11 STORAGE, 7 MESSHALL, AND 20 SUPPORT BUILDINGS. A PROBABLE BLIMP HANGAR IS LOCATED IN AN OPEN TRAINING AREA ADJACENT TO AND EAST OF THE BARRACKS. AREA HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES WITH LIGHT-TO-MODERATE DAMAGE INFLICTED TO APPROXIMATELY 10 PERCENT OF THE STRUCTURES. OBLIQUITY PRECLUDES DETAILED INTERPRETATION OF ACTIVITY STATUS. [REDACTED]	2123N 10637E	0616		397-A
LOC BINH ARMY SUPPLY DEPOT 1.3 NM SSE OF LOC BINH. STORAGE AREA CONTAINS 2 ADMINISTRATION-TYPE (1 APPARENTLY BEING DISMANTLED) AND 20 STORAGE/SUPPORT-TYPE BUILDINGS. [REDACTED]	2145N 10656E	0616		399
LANG SON ARMY BARRACKS TWO MILITARY AREAS IN LANG SON VICINITY. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] EXCEPT 10 BUILDINGS IN AREA A (UTM XK818163) ARE DAMAGED. [REDACTED]	2150N 10645E	0616		119-C
BAN PHAN MILITARY AREA NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] DB -- 40 VEHICLES AND 4 AAA PIECES. [REDACTED]	2155N 10634E	0616		537

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LANG VAT MILITARY AREAS NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] OB -- 24 VEHICLES. [REDACTED]	2155N 10640E	0616		357-C
MA MEO MILITARY AREAS NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] OB -- APPROXIMATELY 390 VEHICLES AND 5 PROBABLE CONVEYORS. [REDACTED]	2158N 10641E	0616		357-D
LAO CAI ARMY BARRACKS [REDACTED]	2229N 10358E	0616		5-E
LANG NHON BARRACKS AND STORAGE AREAS THREE AREAS IN VICINITY OF LANG NHON. AREA A (AT UTM UK993792) -- BARRACKS AREA CONTAINS 17 BARRACKS, 2 ADMINISTRATION, 2 MESSHALL, 13 STORAGE, AND 5 SUPPORT BUILDINGS. AREA B (AT UK999797) -- RAIL-SERVED STORAGE AREA CONTAINS 1 ADMINISTRATION, 11 STORAGE, AND 8 SUPPORT BUILDINGS. SIX SUPPORT BUILDINGS ARE ALONG THE ROAD CONNECTING THE 2 AREAS. [REDACTED]	2225N 10401E	0616		328-I
HA GIANG MILITARY AREA [REDACTED]	2249N 10459E	0616		417
BAO LAC POSSIBLE MILITARY AREA IN BAO LAC VICINITY. AREA CONTAINS 8 BARRACKS-TYPE, 2 L-SHAPED MAINTENANCE/STORAGE-TYPE, 2 PROBABLE ADMINISTRATION, AND AT LEAST 10 SUPPORT-TYPE BUILDINGS. TRENCHING IS OBSERVED IN AREA. [REDACTED]	2256N 10541E	0616		419-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI RADIO STATION DAI MO [REDACTED]	2058N 10546E	0616		256-A
HA DONG HF COMMUNICATIONS FACILITY [REDACTED]	2058N 10547E	0616		256-H
THUONG CHE AIR WARNING RADAR FACILITY IMMEDIATELY SW OF THUONG CHE AT UTM XJ125186. FACILITY CONSISTS OF A BAR LOCK-TYPE RADAR ON A MOUND WITH 3 REVETTED PROBABLE VAN TRAILERS AND 1 REVETTED UNIDENTIFIED VEHICLE AT XJ012186 AND A PROBABLE SIDE NET RADAR ON A MOUND WITH 2 REVETTED VAN TRAILERS AT XJ019185. OB -- 1 BAR LOCK-TYPE RADAR, 1 SIDE NET RADAR, 2 VAN TRAILERS, 3 PROBABLE VAN TRAILERS, AND 1 UNIDENTIFIED VEHICLE. [REDACTED]	2058N 10558E	0616		499-C
HA DONG AIR WARNING RADAR FACILITY 2.6 NM NW OF HA DONG AT UTM WJ759219. FACILITY CONSISTS OF 2 RADARS, A BAR LOCK-TYPE ON A MOUND WITH 2 REVETTED VAN TRAILERS, A REVETTED ANTENNA TRANSPORT TRAILER, AND A REVETTED PROBABLE VAN TRUCK AND A SIDE NET ON A MOUND WITH 2 ADJACENT REVETTED VAN TRAILERS AND A NEARBY REVETTED VAN TRUCK. OB -- 1 BAR LOCK-TYPE RADAR, 1 SIDE NET RADAR, 4 VAN TRAILERS, 1 VAN TRUCK, AND 1 PROBABLE VAN TRUCK. [REDACTED]	2059N 10543E	0616		256-I
HA NOI HF COMMUNICATIONS FACILITY NW [REDACTED]	2059N 10547E	0616		112-J

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY [REDACTED]	2059N 10549E	0616		112-E3
HANOI/BAC MAI AIRFIELD AIR WARNING RADAR [REDACTED]	2059N 10550E	0616		112-E1
THUAN TON AIR WARNING RADAR FACILITY 1 NM EAST OF THUAN TON AT UTM WJ985218. SITE CONSISTS OF 1 REVETTED PROBABLE VAN-MOUNTED FLAT FACE RADAR, 1 REVETTED UNIDENTIFIED VEHICLE, AND 2 SUPPORT BUILDINGS. [REDACTED]	2059N 10556E	0616		112-V
XOM NGOAI AIR WARNING RADAR FACILITY IMMEDIATELY SW OF XOM NGOAI. FACILITY IS UNOCCUPIED. [REDACTED]	2036N 10602E	0616		392-D
HAI PHONG AIR WARNING RADAR FACILITY 0.4 NM SOUTH OF HAI PHONG AT UTM XH759962. FACILITY CONSISTS OF A PROBABLE BAR LOCK RADAR ON A MOUND WITH AT LEAST 2 ADJACENT REVETTED VAN TRAILERS AND A VAN TRUCK, A POSSIBLE HEIGHTFINDER RADAR ON A MOUND WITH 2 ADJACENT REVETTED VAN TRAILERS AND A VAN TRUCK, AND A REVETTED POSSIBLE FLAT FACE RADAR. OB -- 1 PROBABLE BAR LOCK RADAR, 1 HEIGHTFINDER RADAR, 1 POSSIBLE FLAT FACE RADAR, AT LEAST 4 VAN TRAILERS, AND 2 VAN TRUCKS. [REDACTED]	2045N 10641E	0616		371-G
HAI PHONG AIR WARNING RADAR FACILITY 1.9 NM EAST OF THE CENTER OF HAI PHONG AT UTM XJ787071. SITE CONSISTS OF 2 UNOCCUPIED VEHICLE REVETMENTS. [REDACTED]	2051N 10643E	0616		109-R

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG HF COMMUNICATIONS FACILITY 1 NM NE OF HAI PHONG AT UTM XJ771083. FACILITY CONTAINS 3 STICKMAST ANTENNAS AND A CONTROL BUILDING. [REDACTED]	2052N 10642E	0616		109-D1
HA NOI HF COMMUNICATIONS FAC SON DONG [REDACTED]	2102N 10541E	0616		462-F
HA NOI RADIO COMMUNICATIONS STATION NORTHWEST [REDACTED]	2103N 10548E	0616		112-N
SON TAY/CHIEU TONG AW RADAR FACILITY 4 NM SSE OF SON TAY AND 3.7 NM NE OF HOA LAC AIRFIELD. FACILITY IS UNOCCUPIED. [REDACTED]	2104N 10532E	0616		244-B
DUC NOI AIR WARNING RADAR FACILITY 1.2 NM SSW OF DUC NOI AT UTM WJ932371. SITE CONSISTS OF 2 UNOCCUPIED REVETMENTS. [REDACTED]	2108N 10553E	0616		221-K1
HA NOI/TANG MY AIR WARNING RADAR FAC 9.7 NM NNW OF HA NOI AT UTM WJ826408. FACILITY CONSISTS OF 1 BAR LOCK-TYPE RADAR ON A MOUND AND A PROBABLE SIDE NET RADAR ON A MOUND WITH AT LEAST 1 REVETTED VAN TRAILER ADJACENT. ADDITIONAL VEHICLES ARE PROBABLY CONCEALED BY TREES ON THE EDGE OF TANG MY. OB -- 1 BAR LOCK-TYPE RADAR, 1 PROBABLE SIDE NET RADAR, AND 1 VAN TRAILER. [REDACTED]	2110N 10547E	0616		411-B
THUY HA AIR WARNING RADAR FACILITY IMMEDIATELY WEST OF THUY HA AND 2.2 NM SOUTH OF THE PHUC YEN AIRFIELD. FACILITY IS UNOCCUPIED. [REDACTED]	2111N 10548E	0616		221-M

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Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
DONG LAI/PHUC YEN AW RADAR FACILITY 8.9 NM SOUTH OF PHUC YEN AIRFIELD AT UTM WJ832453. SITE CONSISTS OF 2 ELEVATED RADAR PADS AND 7 LARGE VEHICLE REVETMENTS. NO EQUIPMENT OBSERVED. [REDACTED]	2112N 10548E	0616		326-F
NOI BAI RADIO BROADCAST STATION [REDACTED]	2112N 10548E	0616		326-G
PHUC YEN ILS COMPONENT [REDACTED]	2114N 10544E	0616		326-H
PHUC YEN/DUC HAU AW RADAR FACILITY 4.3 NM ENE OF PHUC YEN AIRFIELD AT UTM WJ918489. FACILITY CONSISTS OF 4 AREAS. AREA A (AT UTM WJ913488) -- 1 RADAR MOUND, 4 ADJACENT REVETMENTS (2 OCCUPIED BY PROBABLE VAN TRUCKS), 1 REVETTED BUILDING, AND 3 OTHER BUILDINGS. AN UNOCCUPIED VEHICLE REVETMENT IS IMMEDIATELY EAST OF AREA A. AREA B (AT WJ480913) -- 1 RADAR MOUND AND 2 ADJACENT VEHICLE REVETMENTS (1 OCCUPIED BY A PROBABLE VAN TRUCK). AREA C (AT WJ918479) -- 2 UNOCCUPIED VEHICLE REVETMENTS. AREA D (AT WJ922487) -- 2 VEHICLE REVETMENTS, EACH OCCUPIED BY A PROBABLE VAN TRUCK. DB -- 5 PROBABLE VAN TRUCKS. NO RADAR OBSERVED. [REDACTED]	2114N 10553E	0616		326-L
DONG NGOAI AW/GCI FACILITY AT DONG NGOAI, 12.1 NM SSW OF BAC NINH. NEWLY IDENTIFIED AW/GCI RADAR SITE UNDER CONSTRUCTION CONSISTS OF 4 RADAR POSITIONS. POSITION A (AT UTM XJ190232) -- A RADAR MOUND, 3	2100N 10608E	0616		539

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>VEHICLE REVETMENTS, 1 PROBABLE CANVAS-COVERED CARGO TRUCK, AND 1 SMALL UNIDENTIFIED VEHICLE. POSITION B (AT XJ191234) -- A RADAR MOUND, 2 VEHICLE REVETMENTS, AND 1 OTHER REVETMENT. POSITION C (AT XJ191228) -- 1 VEHICLE REVETMENT AND 1 SMALLER REVETMENT, PROBABLY FOR GENERATOR. POSITION D (AT XJ195225) -- 1 VEHICLE REVETMENT AND 1 SMALLER REVETMENT, PROBABLY FOR GENERATOR. OB -- NONE OBSERVED. ACTIVITY -- 1 PROBABLE CARGO TRUCK AND 1 SMALL UNIDENTIFIED VEHICLE.</p>				
<p>QUANG MO AIR WARNING RADAR FACILITY IMMEDIATELY SOUTH OF QUANG MO AND 3.9 NM NE OF BAC GIANG. FACILITY IS APPARENTLY UNOCCUPIED.</p>	2119N 10614E	0616		238-M
<p>NGAN SON AIR WARNING RADAR FACILITY IMMEDIATELY SOUTH OF NGAN SON AT UTM XJ282587. FACILITY CONSISTS OF A PROBABLE BIG BAR RADAR WITH 2 REVETTED VAN TRAILERS, 1 REVETTED PROBABLE VAN TRUCK, AND A REVETTED PROBABLE ANTENNA TRANSPORT TRAILER. A POSSIBLE SIDE NET RADAR AND 2 REVETTED VAN TRAILERS ARE NEARBY. OB -- 1 BIG BAR RADAR, 1 POSSIBLE SIDE NET RADAR, 4 VAN TRAILERS, 1 PROBABLE VAN TRUCK, AND A PROBABLE ANTENNA TRANSPORT TRAILER.</p>	2225N 10557E	0616		534
<p>-- INDUSTRY --</p>				
<p>HA NOI RUBBER PRODUCTS PLANT SW EDGE OF HA NOI AT UTM WJ846215. AREA HAS SUSTAINED MODERATE DAMAGE FROM AIR STRIKES. FOUR BUILDINGS ARE DESTROYED AND 3 BUILDINGS HAVE SUSTAINED LIGHT-TO-MODERATE DAMAGE. FIVE CHEMICAL TANKS APPEAR TO BE UNDAMAGED. NUMEROUS BOMB CRATERS</p>	2058N 10548E	0616		112-X

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Target	Coordinates	WAC	NPIC-R-194/67 Target Numbers	
			BE	NPIC
<p>ARE OBSERVED THROUGHOUT THE AREA.</p> <p>[REDACTED]</p>				
<p>HAI PHONG POL TANK AND DRUM FABRICATION 0.5 NM SSE OF HAI PHONG RR CLASSIFICATION YARD AT UTM XJ762059. FACILITY CONSISTS OF 3 FABRICATION BUILDINGS AND 34 POL TANKS.</p> <p>[REDACTED]</p>	2050N 10640E	0616		109-C1
<p>HAI PHONG CEMENT PLANT 1.3 NM NW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM XJ789079. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] NO ATTEMPT TO REPAIR FACILITY IS OBSERVED.</p> <p>[REDACTED]</p>	2051N 10640E	0616		109-P1
<p>VANG DANH ORE PROCESSING NEW 0.3 NM WEST OF VANG DANH AT UTM XJ869363. LARGE ROAD- AND RAIL-SERVED AREA CONSISTS OF EXTENSIVE OPEN-PIT MINING, AN ORE CONCENTRATION PLANT, AND A LARGE WORKERS HOUSING AREA.</p> <p>[REDACTED]</p>	2107N 10647E	0616		308-A
<p>BAC GIANG CHEMICAL FERTILIZER PLANT</p> <p>[REDACTED]</p>	2118N 10612E	0616		238-C
<p>TINH TUC TIN SMELTER AND REFINERY</p> <p>[REDACTED]</p>	2239N 10552E	0616		293

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-- BASIC SERVICES --</p> <p>HA DONG SWITCHING STATION/TRANSFORMER YARD 1.3 NM SW OF HA DONG AT UTM WJ793175. FENCE-SECURED INSTALLATION CONTAINS 1 CONTROL/SWITCHING HOUSE, 4 SUPPORT BUILDINGS, 2 SWITCHING YARDS, 3 POL TANKS, AND 1 TRANSFORMER. ACTIVITY -- 2 TRUCKS.</p>	2057N 10545E	0616		256-L
<p>HAI PHONG THERMAL POWERPLANT WEST ON NW EDGE OF HAI PHONG AT UTM XJ738078. NO APPARENT CHANGE SINCE [REDACTED] NO ATTEMPT TO REPAIR FACILITY OBSERVED.</p>	2051N 10640E	0616		109-P
<p>HAI PHONG RR STATION CLASS YD & SHOPS IN CENTER OF HAI PHONG AT UTM XJ761068. RAIL YARD IS 9 TRACKS WIDE AND CONTAINS A PASSENGER TERMINAL, A CLASSIFICATION YARD, A CAR SERVICE HOUSE, RAIL-SERVED UNLOADING AND STORAGE BUILDING, A TURNING WYE, NUMEROUS STORAGE BUILDINGS, AND A LARGE LOCOMOTIVE AND CAR REPAIR SHOP WITH 5 SUPPORT BUILDINGS. ACTIVITY -- 2 LOCOMOTIVES AND 20 PIECES OF ROLLING STOCK. (SEE ATTACHMENT 1)</p>	2051N 10641E	0616		109-L
<p>HAI PHONG THERMAL POWERPLANT EAST</p>	2052N 10642E	0616		109-O
<p>PHAM XA RR CLASSIFICATION YARD 0.2 NM NW OF PHAM XA AT UTM XJ512191. RAIL YARD HAS BEEN SUBJECTED TO AIR STRIKES. ALL TRACKS HAVE BEEN INTERDICTED. ONE TRACK IS REPAIRED. THE PASSENGER TERMINAL AND SUPPORT BUILDINGS ARE DESTROYED.</p>	2058N 10627E	0616		427-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HA NOI/LAO CAI RR SEGMENT 3 SEGMENT IS OBSERVED FROM 21-40N 104-56E TO 21-28N 105-06E THROUGH SCATTERED CLOUDS AND CLOUD SHADOW. RAIL LINE HAS BEEN SUBJECTED TO AIR STRIKES AT SEVERAL POINTS, HOWEVER, OBLIQUITY PRECLUDES DETERMINATION OF SERVICEABILITY. ACTIVITY -- 5 PIECES OF ROLLING STOCK AT 21-29-30N 105-05-00E.</p>	2140N 10456E	0616		350-A
<p>HA NOI RR CAR REPAIR SHOPS GIA LAM 2.8 NM NE OF HA NOI. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] YARD HAS 5 SERVICEABLE TRACKS. ACTIVITY -- 6 LOCOMOTIVES AND 95 PIECES OF ROLLING STOCK.</p>	2103N 10553E	0616		114-C
<p>YEN VIEN RR CLASSIFICATION YARD 2.4 NM EAST OF YEN VIEN AND 5 NM NE OF HA NOI, AT UTM WJ955315, AND AT JUNCTION OF 2 RAIL LINES CONNECTING HA NOI WITH NORTHERN NORTH VIETNAM AND SOUTH CHINA. ENTIRE FACILITY HAS SUSTAINED HEAVY DAMAGE FROM AIR STRIKES. ALL 12 TRACKS APPEAR TO HAVE BEEN INTERDICTED. ACTIVITY -- APPROXIMATELY 35 SERVICEABLE AND 20 DAMAGED/DESTROYED PIECES OF ROLLING STOCK. (SEE ATTACHMENT 2)</p>	2105N 10555E	0616		407-A
<p>YEN VIEN RAIL YARD UNDER CONSTRUCTION 3.7 NM NW OF YEN VIEN AT UTM WJ916364. CONSTRUCTION ON 7-TRACK YARD IS NOW COMPLETE. ACTIVITY -- 1 LOCOMOTIVE AND 25 PIECES OF ROLLING STOCK.</p>	2107N 10552E	0616		221-N

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Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
HA NOI TRANSFORMER STATION DONG ANH [REDACTED]	2108N 10550E	0616		221-I
NGUYEN KHE STORAGE AREA TOWN [REDACTED]	2109N 10551E	0616		221-D
HA NOI/LAO CAI RR SEGMENT 5 ENTIRE SEGMENT OBSERVED FROM 21-18N 105-36E TO 21-01N 105-51E. MAIN RAILROAD BRIDGE AND RAIL BY-PASS BRIDGE IN THE VICINITY OF 21-15N 105-41E ARE UNSERVICEABLE. PORTIONS OF RAIL SEGMENT ARE ALSO UNSERVICEABLE DUE TO BOMB DAMAGE. ACTIVITY -- 1 LOCOMOTIVE AND 99 PIECES OF ROLLING STOCK. [REDACTED]	2110N 10548E	0616		113-G
VIET TRI RAILROAD YARD IN VIET TRI AT UTM WJ453551. YARD IS UNSERVICEABLE WITH 6 TRACKS APPARENTLY INTERDICTED. ALL BUILDINGS HAVE BEEN DESTROYED. BOTH ENTRANCES OF TURNING WYE HAVE BEEN INTERDICTED. SIX RAIL FERRY SLIPS AND A VEHICLE CABLE BRIDGE (UNDER CONSTRUCTION) ARE IMMEDIATELY EAST. ACTIVITY -- AT LEAST 15 SERVICEABLE AND 5 DESTROYED/DAMAGED PIECES OF ROLLING STOCK THROUGHOUT THE YARD. (SEE ATTACHMENT 3) [REDACTED]	2118N 10526E	0616		262-G
HA NOI/LAO CAI RR SEGMENT 4 SEGMENT OBSERVED FROM 21-28N 105-06E TO 21-18N 105-26E. THIS PORTION IS INTERDICTED AND APPEARS TO BE UNSERVICEABLE DUE TO REPEATED AIR STRIKES. ACTIVITY -- 9 PIECES OF ROLLING STOCK IN SMALL RAIL YARD AT 21-23-45N 105-13-45E, 29 PIECES OF ROLLING STOCK AT SMALL RAIL YARD AT 21-21-42N 105-18-00E, SEVERAL PIECES OF ROLLING STOCK ARE DERAILED, AND 15	2120N 10520E	0616		113-F

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>PIECES OF ROLLING STOCK ARE OBSERVED AT VIET TRI RAILROAD YARD.</p> <p>[REDACTED]</p>				
<p>UCNG BI THERMAL POWERPLANT NE EDGE OF UONG BI AT UTM XJ862268. FACILITY HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES. THE BOILERHOUSE, GENERATOR HALL, AND SWITCHING YARD HAVE SUSTAINED HEAVY STRUCTURAL DAMAGE, THE COAL PROCESSING BUILDING CONVEYOR SYSTEM, PUMPING STATION, AND POL STORAGE AREA HAVE SUSTAINED LIGHT-TO-MODERATE DAMAGE, AND THE UNDERGROUND FLU AND ADMINISTRATION BUILDING HAVE SUSTAINED LIGHT DAMAGE. THE POWERPLANT IS PRESENTLY INOPERATIVE.</p> <p>[REDACTED]</p>	2102N 10647E	0616	[REDACTED]	408
<p>HA NOI/PING-HSIANG RR SEGMENT 3 SEGMENT OBSERVED BETWEEN HA NOI (21-01-37N 105-51-21E) AND 21-18-45N 106-14-45E. ACTIVITY -- AT LEAST 225 PIECES OF ROLLING STOCK AND 6 POSSIBLE LOCOMOTIVES. (THIS INCLUDES THE ROLLING STOCK OBSERVED AT THE YEN VIEN RR YARDS.)</p> <p>[REDACTED]</p>	2110N 10604E	0616		297-A
<p>HA NOI/PING-HSIANG RR SEGMENT 2 NORTHERN PORTION OF SEGMENT OBSERVED FROM 21-41-50N 106-40-30E TO 21-35-55N 106-32-15E. RAIL YARD AT UTM XJ720998 HAS BEEN HEAVILY DAMAGED BY AIR STRIKE. YARD IS ONLY PARTIALLY SERVICEABLE. ONE THROUGH-TRACK IS SERVICEABLE. ACTIVITY -- 3 POSSIBLE LOCOMOTIVES AND 38 SERVICEABLE AND 7 DAMAGED RAIL CARS IN YARD, 16 RAIL CARS ON MINING SPUR AT XJ665979, 18 RAIL CARS ON MINING SIDING AT XJ657969, AND 19 RAIL CARS ON MINING SPUR AT XJ648958. LANG DANG RAIL YARD AND MAINTENANCE FACILITY HAS SUSTAINED MODERATE-TO-HEAVY DAMAGE FROM AIR STRIKES. RAIL YARD APPEARS TO HAVE ALL 6 THROUGH LINES AND ENTRANCE TO MAINTENANCE FACILITY HEAVILY DAMAGED.</p>	2132N 10627E	0616		211-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>MAINTENANCE FACILITY IS MODERATELY DAMAGED. NO RAIL CARS OBSERVED IN FACILITY. ACTIVITY -- 1 POSSIBLE LOCOMOTIVE AND 36 RAIL CARS DISCERNIBLE IN YARD. SERVICEABILITY OF ROLLING STOCK UNDETERMINED. TRAIN CONSISTING OF LOCOMOTIVE AND 14 RAIL CARS PARKED ON MAIN LINE AT SOUTH ENTRANCE TO YARD. RAIL YARD AT XJ591890 APPEARS HEAVILY DAMAGED BY AIR STRIKE. OBLIQUITY AND QUALITY PRECLUDE FURTHER INTERPRETATION OF THIS SEGMENT.</p> <p>[REDACTED]</p>				
<p>LANG GIAI RAILROAD YARD 9.7 NM SSW OF LANG SON AT UTM XK723001. YARD HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES AND ALL FACILITIES ARE DESTROYED. ALL TRACKS HAD BEEN INTERDICTED, HOWEVER, 1 TRACK APPEARS SERVICEABLE TO THROUGH TRAFFIC. ACTIVITY -- AT LEAST 40 PIECES OF SERVICEABLE ROLLING STOCK AND 12 PIECES OF DAMAGED/DESTROYED ROLLING STOCK.</p> <p>[REDACTED]</p>	2141N 10639E	0616	[REDACTED]	223
<p>HA NOI/PING-HSIANG RR SEGMENT 1 ENTIRE SEGMENT IS COVERED FROM 21-58-25N 106-43-15E TO 21-41-50N 106-40-30E. CENTER SPANS OF THE LANG SON RAILROAD BRIDGE HAVE BEEN DROPPED BY AIR STRIKES. BRIDGE IS IMPASSABLE. HEAVY DUTY CRANE IS APPARENTLY USED TO MOVE BRIDGE SPAN IN PLACE ON RAILROAD BRIDGE AT UTM XK838143. SPAN IS LOCATED ON SOUTH BANK OF RIVER AT BRIDGE APPROACH. RAIL YARD AT XK792072 HAS SUSTAINED MODERATE BOMB DAMAGE, BUT 2 OF 3 TRACKS APPEAR SERVICEABLE. YARD AT XK831176 IS SERVICEABLE. ACTIVITY -- AT LEAST 13 LOCOMOTIVES AND 36 PIECES OF ROLLING STOCK VISIBLE THROUGH SCATTERED CLOUDS AT DONG DANG RAILROAD YARDS, 1 LOCOMOTIVE AND 1 RAIL CAR SOUTHBOUND ON THE MAIN LINE AT XK768249, 15 RAIL CARS IN THE YARD AT XK794234, 1 LOCOMOTIVE AND 12 RAIL CARS</p>	2145N 10644E	0616		223-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>IN LANG SON NORTH RAIL YARD (AT XK818175), 4 SERVICEABLE AND 3 DESTROYED RAIL CARS IN YARD AT XK831176, 17 RAIL CARS IN YARD AT XK839159, 1 DAMAGED LOCOMOTIVE AND 4 DAMAGED AND 28 UNDAMAGED RAIL CARS IN LANG SON YARDS AT XK821161, 1 HEAVY DUTY CRANE, 7 LOCOMOTIVES, AND APPROXIMATELY 59 RAIL CARS ON RAIL LINE AND IN GRAVEL PIT YARDS AT XK836135, 11 SERVICEABLE, 2 DESTROYED, AND 2 DAMAGED RAIL CARS IN YARD AT XK792072, AND 24 RAIL CARS ON PASSING SIDING AT XK765037.</p>				
<p>DONG DANG RAILROAD YARD 0.5 NM SOUTH OF DONG DANG AT UTM XK756271. APPROXIMATELY 95 PERCENT OF THE 6-TRACK CLASSIFICATION YARD IS OBSERVED. A ROAD-SERVED SMALL FREIGHT YARD/TRANSHIPMENT AREA, ADJACENT TO AND SOUTH OF THE MAIN YARD, CONSISTS OF 3 DEAD-END SPURS AND 3 SUPPORT BUILDINGS. A TURNING WYE (PROBABLE STANDARD-GAUGE), A TURNING CIRCLE (PROBABLE METER-GAUGE) APPROXIMATELY 450 FT IN DIAMETER, AND 1 SUPPORT BUILDING ARE LOCATED NORTH OF THE MAIN YARD. THREE DEAD-END HOLDING SPURS ARE WITHIN THE TURNING CIRCLE. A COAL REFUELING AREA, CONSISTING OF OPEN COAL STORAGE AND A SUPPORT BUILDING WITH CONVEYOR, IS BETWEEN THE TURNING WYE AND TURNING CIRCLE. BUILDINGS ADJACENT TO THE MAIN YARD INCLUDE A PASSENGER STATION AND 1 ADMINISTRATION AND 2 SUPPORT BUILDINGS. ACTIVITY -- 15 LOCOMOTIVES, 1 TANK CAR, AND 79 OPEN PIECES OF ROLLING STOCK OBSERVED IN THE CLOUD-FREE AREAS.</p>	2156N 10641E	0616		357
<p>LAO CAI RAILROAD CLASSIFICATION YARD IN LAO CAI AT UTM VK954873. RAILROAD CLASSIFICATION YARD, 1,800 FT LONG BY 8 TRACKS WIDE, IS SERVICEABLE. ACTIVITY -- APPROXIMATELY 34 PIECES OF ROLLING STOCK.</p>	2229N 10359E	0616		5-L

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HA NOI/LAO CAI RR SEGMENT 1 SEGMENT IS COVERED ON CLEAR, FAIR QUALITY PHOTOGRAPHY FROM 22-30-20N 103-58-10E TO 22-15-35N 104-16-00E AND APPEARS SERVICEABLE. ACTIVITY -- 40 PIECES OF ROLLING STOCK AT LAO CAI RAIL YARD (UTM UK953874), 22 PIECES OF ROLLING STOCK AT LANG YANG RAIL YARD (VK022803), AND 16 PIECES OF ROLLING STOCK ON RAIL SIDING (VK047792). ADDITIONAL ROLLING STOCK IS PROBABLY CAMOUFLAGED.</p>	2220N 10410E	0616		328-N
<p>LANG NHON RAILROAD YARD ON EAST EDGE OF LANG NHON, ON A RAIL LINE CONNECTING THE LANG NHON APATITE MINING AND CONCENTRATION PLANT TO THE LAO CAI/HA NOI RAIL LINE, AND ADJACENT TO LANG NHON BARRACKS AND STORAGE AREA. FACILITIES CONSIST OF A 6-TRACK CLASSIFICATION YARD AND A LARGE TURNING WYE WITH A 3-TRACK HOLDING YARD ALONG THE BASE LEG. ACTIVITY -- 1 POSSIBLE LOCOMOTIVE ON TURNING WYE AND 7 PIECES OF ROLLING STOCK.</p>	2224N 10401E	0616		328-H
<p>-- NAVAL/PORT FACILITIES --</p> <p>HON GAI NAVAL BASE & SHIP RPR YARD BAI CHAY NO APPARENT CHANGE IN FACILITIES SINCE</p>	2057N 10704E	0615		109-B
<p>OB -- NONE OBSERVED.</p> <p>HON GAI PORT FACILITIES HON GAI NAVAL BASE AND SHIP REPAIR YARD BAI CHAY (BE NO</p>	2057N 10705E	0615		109-A
<p>FACILITIES INCLUDE A LARGE COAL PORT AND SMALL COMMERCIAL PORT. COAL HANDLING FACILITIES COMPRISE 3 WHARVES CAPABLE OF HANDLING OCEAN-GOING VESSELS, 5 CRANES, AND EXTENSIVE OPEN COAL STORAGE. A NEW COAL-LOADING CONVEYOR PIER AND A JETTY HAVE BEEN</p>				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
OB -- 2 CAMOUFLAGED PROBABLE COMBATANTS (1 AT YJ654345 AND 1 AT YJ658045). [REDACTED]				
DO SON NAVAL BASE MIRADOR POINT NO APPARENT CHANGE SINCE [REDACTED] OB -- NONE OBSERVED. [REDACTED]	2040N 10647E	0616		106-D
KIEN AN SHIPYARD PHUONG CHU 0.6 NM EAST OF PHUONG CHU, 7 NM WSW OF HAI PHONG, ON THE LACH TRAY (RIVER) AT UTM XJ634056. INSTALLATION CONTAINS 3 PROBABLE BUILDING WAYS AND 2 SUPPORT SHEDS IN THE YARD. VESSELS -- 3 BARGES UNDER CONSTRUCTION ON BUILDING WAYS, 4 BARGES (2 MOTORIZED), AND 3 PROBABLE FERRY BOATS UNDER CONSTRUCTION. [REDACTED]	2050N 10634E	0616		109-Z5
HAI PHONG CHANNEL ONE HUNDRED PERCENT OF CHANNEL OBSERVED. VESSELS -- 3 TANKERS, 2 CARGO FREIGHTERS WITH DECK CARGO IN QUARANTINE ANCHORAGE, AND HEAVY SAMPAN AND BARGE TRAFFIC IN AND AROUND PORT AREA. [REDACTED]	2050N 10640E	0616		109-C
HAI PHONG NAVAL BASE [REDACTED]	2052N 10640E	0616		109-E
HAI PHONG SHIPYARD NO 4 DANCETTE ON NW EDGE OF HAI PHONG AT UTM XJ743081. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] VESSELS -- 1 FLOATING DRYDOCK, 6 BARGES ON MARINE RAILWAYS, 1 BARGE IN GRAVING DOCK, AND 2 BARGES AND 1 SMALL CRAFT AT L-HEAD PIER. [REDACTED]	2052N 10640E	0616		109-Q

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HAI PHONG PORT FACILITIES ON SOUTH BANK OF THE CUA CAM (RIVER) AT UTM XJ757080. FACILITIES INCLUDE AN APPROXIMATELY 4,000-FT WHARF (SERVED BY 17 RAMPS), NUMEROUS SMALL DOCKS AND PIERS, A SHIP REPAIR YARD WITH 4 MARINE RAILWAYS, 12 LARGE WAREHOUSES, AND NUMEROUS STORAGE AND SUPPORT BUILDINGS. OB -- 1 S.O.1 SC (SUNK AT NAVAL BASE PIER), 3 SHANGHAI PTF, 4 P-6 PT, 5 P-4 PT (1 IN GRAVING DOCK), 3 PROBABLE SWATOW PGM, 1 PROBABLE PGM, 6 LCM (1 IN GRAVING DOCK), AND 13 SL-1. VESSELS -- 7 GENERAL CARGO FREIGHTERS AND 1 LARGE-HATCH FREIGHTER IN PORT AND 5 GENERAL CARGO FREIGHTERS, 1 LARGE-HATCH FREIGHTER, AND 2 TANKERS IN THE ROADS. (SEE ATTACHMENT 6)</p>	2052N 10642E	0616		109-D
<p>HAI PHONG ICE PLANT WHARF ON NE EDGE OF HAI PHONG, ON SOUTH BANK OF THE CUA CAM (RIVER), AT EAST END OF HAI PHONG PORT FACILITY, AT UTM XJ770087. FACILITY CONSISTS OF A 657-FT OFFSHORE WHARF AND 12 BUILDINGS. OB -- 1 SHANGHAI PTF, 2 P-6 PT, AND 1 SL-1. VESSELS -- 1 POL BARGE, 1 MOTORIZED BARGE, 5 SMALL CRAFT, 1 GENERAL CARGO FREIGHTER, AND 1 UNIDENTIFIED VESSEL MOORED AT WHARF.</p>	2052N 10642E	0616		109-D2
<p>LAM DONG NAVAL DISPERSAL FACILITY AT LAM DONG, ON THE CUA CAM (RIVER), IN THE VICINITY OF UTM XJ712098. FACILITIES INCLUDE APPROXIMATELY 10 SLIPS AND A POSSIBLE SUPPORT AREA ON THE NORTH BANK AND A POSSIBLY ASSOCIATED BARRACKS/STORAGE AREA WITH BOAT BASIN ON THE SOUTH BANK OF THE CUA CAM. OB -- 2 S.O.1 SC, 1 SWATOW, AND 7 RIVER CRAFT DISPERSED IN THE VICINITY OF LAM DONG.</p>	2052N 10648E	0616		536

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LOI DONG TRANSSHIPMENT POINT CUA CAM 0.6 NM WSW OF LOI DONG AND 4 NM NW OF HAI PHONG, AT UTM XJ686104. TRANSSHIPMENT POINT HAS BEEN SUBJECTED TO AIR STRIKES AND FACILITY IS EXTENSIVELY CRATERED. FOUR-TRACK RAIL YARD IS UNSERVICEABLE DUE TO CRATERING, CONVEYOR SYSTEM IS DESTROYED, AND 2 OF THE 6 BREASTING PLATFORMS ARE DAMAGED. NO ACTIVITY IS APPARENT.	2053N 10637E	0616		225-C
NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH 8.5 NM NNE OF HAI PHONG, AT UTM XJ797227. CLOUD COVER PRECLUDES COMPLETE INTERPRETATION OF FACILITY. THE CAUSEWAY AND WHARF APPEAR SERVICEABLE. VESSELS -- NONE OBSERVED.	2059N 10643E	0616		249-D
GIA THUONG BARGE CONSTRUCTION ON SOUTH BANK OF SONG DUONG (RIVER), ON NW EDGE OF GIA THUONG, AT UTM WJ904292. FACILITIES CONSISTS OF 3 SMALL PROBABLE SHOP BUILDINGS AND AN OPEN STORAGE YARD CONTAINING CONSTRUCTION MATERIAL. VESSELS -- 6 BARGES BEING FITTED OUT AS RAIL FERRIES.	2103N 10552E	0616		114-C1
THUONG THUY SHIPYARD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] VESSELS -- 6 COMPLETED BARGES.	2105N 10545E	0616		112-Q3
PHAP CO SHIPYARD 0.4 NM NE OF PHAP CO AND 10.7 NM NW OF HAI PHONG, ON THE SOUTH BANK OF THE SONG KINH THAI (RIVER), AT UTM XJ658243. BARGE BUILDING FACILITY CONSISTS OF 1 SIDE-LAUNCHING BUILDING WAY, 6 SUPPORT BUILDINGS/SHOPS, AND 2 HOUSING UNITS. A POSSIBLY ASSOCIATED SUPPORT AREA, IMMEDIATELY	2100N 10635E	0616		309-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>WEST, CONTAINS 5 PROBABLE HOUSING UNITS. VESSELS -- 3 BARGES UNDER CONSTRUCTION AND 4 MOORED BARGES.</p>				
<p>HA CHIEU BOAT REPAIR YARD 0.5 NM NE OF HA CHIEU, ON THE NORTH SIDE OF AN UNNAMED ISLAND IN THE SONG HA (RIVER), AT UTM XJ651280. AREA CONSISTS OF A MOORING SLIP AND 2 FLOODED GRAVING DOCKS CAPABLE OF HOLDING 2 CARGO BARGES EACH. VESSELS -- 3 DERELICT BARGES.</p>	2101N 10635E	0616		370-E
<p>HOANH MA TRANSSHIPMENT POINT SONG NAM MAU 1.3 NM SOUTH OF LAM XA ON A BRANCH OF THE SONG DA BACH (RIVER), AT UTM XJ729254. FACILITIES CONSISTS OF 2 SIDE-LAUNCHING BUILDING WAYS, A SMALL WHARF CAPABLE OF BERTHING 1 BARGE, AND 6 SHOPS/SUPPORT BUILDINGS. VESSELS -- 1 BARGE ON BUILDING WAY. ACTIVITY -- 1 PROBABLY TRUCK-MOUNTED CRANE.</p>	2101N 10639E	0616		309-C
<p>HA CHIEU TRANSSHIPMENT POINT SONG DA BACH 0.5 NM NE OF HA CHIEU, ON THE NORTH BANK OF THE SONG HA (RIVER), AT UTM XJ653281. SOUTHERN TERMINUS OF A MINING RAILWAY CONTAINS 3 PIERS WITH COAL CONVEYORS, 6 SMALL BUILDINGS, AND A LARGE OPEN STORAGE AREA. VESSELS -- 5 MOORED BARGES.</p>	2102N 10635E	0616		370-F
<p>UONG BI TRANSSHIPMENT POINT SONG THAI KHE AT UONG BI, AT UTM XJ858266. FACILITY CONSISTS OF AN OPEN COAL STORAGE AREA, A SHORT SEGMENT OF REINFORCED RIVER BANK, AND AN OFFLOADING AREA SERVICED BY 2 CLAMSHELL CRANES.</p>	2102N 10647E	0616		408-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA CHIEU BOAT YARD SONG HA 0.5 NM NE OF HA CHIEU, ON THE NORTH BANK OF THE SONG HA (RIVER), AT UTM XJ649284. AREA CONSISTS OF 8 SUPPORT BUILDINGS AND A GRAVING DOCK CAPABLE OF HOLDING 2 BARGES. VESSELS -- 2 CARGO BARGES IN GRAVING DOCK. [REDACTED]	2103N 10635E	0616		370-D
DAP CAU PORT FACILITIES EAST SONG CAU NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] VESSELS -- 6 BARGES. [REDACTED]	2112N 10606E	0616		206-K
-- STORAGE -- VAN LA STORAGE DEPOT SOUTH [REDACTED]	2056N 10545E	0616		256-D
DO SON PETROLEUM STORAGE IN THE VICINITY OF DO SON, AT UTM XH871905. AREA CONSISTS OF 2 DAMAGED VERTICAL POL STORAGE TANKS PARTIALLY COVERED WITH VEGETATION. AREA APPEARS ABANDONED. [REDACTED]	2042N 10647E	0616		106-E
LOI DONG WAREHOUSE AREA TWO AREAS 0.7 NM WEST OF LOI DONG AT UTM XJ684105. INSTALLATION HAS BEEN SUBJECTED TO AIR STRIKES. NORTH AREA -- 7 DESTROYED AND 14 SEVERELY DAMAGED STORAGE BUILDINGS. SOUTH AREA -- 6 BUILDINGS REMAIN INTACT, THE REMAINDER OF THE PREVIOUSLY REPORTED BUILDINGS HAVE BEEN RAZED TO ACCOMMODATE THE LOI DONG TRANSSHIPMENT POINT, CUA CAM (BE NO [REDACTED]) [REDACTED]	2053N 10637E	0616		225-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HAI PHONG PETROLEUM PRODUCTS STORAGE NW EDGE OF HAI PHONG. ALL 32 PREVIOUSLY REPORTED CYLINDRICAL STORAGE TANKS, 5 SERVICE TANKS, BOTH PUMPHOUSES, AND THE MAJORITY OF THE SUPPORT BUILDINGS ARE DESTROYED. BOTH BUNKERING PIERS APPEAR SERVICEABLE. ACTIVITY -- 1 LOCOMOTIVE AND 12 RAIL TANK CARS IN THE RAIL YARD IMMEDIATELY SOUTH OF STORAGE FACILITY.</p>	2053N 10640E	0616		109-M
<p>HOANG LO STORAGE AREA 5.7 NM ESE OF QUANG YEN AND 0.8 NM WEST OF HOANG LO AT UTM XJ976140. STORAGE AREA CONSISTS OF 3 LARGE AND 4 SMALL STORAGE BUILDINGS AT THE BASE OF A KARST HILL. A POSSIBLE CAVE ENTRANCE IS OBSERVED NEAR 1 OF THE LARGE STORAGE BUILDINGS.</p>	2055N 10654E	0616		249-H
<p>HA NOI STORAGE AREA GIA THUONG 4.5 NM NE OF HA NOI RAILROAD CLASSIFICATION YARD, AT UTM WJ930295. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]</p> <p>ACTIVITY -- 1 LOCOMOTIVE, 35 PIECES OF ROLLING STOCK, AND 5 PROBABLE VEHICLES.</p>	2103N 10553E	0616		114-D
<p>THAP THUAN EXPLOSIVES STORAGE AREA NORTH EDGE OF THAP THUAN AT UTM WJ679312. FENCED AREA CONTAINS 1 REVETTED EXPLOSIVES STORAGE BUILDING, 1 VEHICLE SHED, AND 1 LARGE AND 1 SMALL SUPPORT BUILDING.</p>	2104N 10539E	0616		462-H

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI PETROLEUM PRODUCTS STORAGE THANH AM [REDACTED]	2104N 10553E	0616		114-D1
AI MO WAREHOUSE AREA WEST ON SOUTH EDGE OF KIM QUAN DONG AT UTM WJ954310. ENTIRE FACILITY HAS SUSTAINED HEAVY DAMAGE FROM AIR STRIKES. TEN BUILDINGS ARE DESTROYED, 6 ARE HEAVILY DAMAGED, AND THE REMAINDER ARE LIGHTLY DAMAGED. [REDACTED]	2104N 10555E	0616		407-C
SON DONG STORAGE 0.8 NM NW OF SON DONG AT UTM WJ524317. AREA CONSISTS OF 8 BARRACKS, 2 ADMINISTRATION, AND 20 STORAGE/SUPPORT BUILDINGS. [REDACTED]	2105N 10530E	0616		244-C
HA NOI PETROLEUM PRODUCTS STORAGE WEST [REDACTED]	2105N 10546E	0616		112-Q2
AI MO WAREHOUSE AREA NORTH EDGE OF AI MO AT UTM WJ945319. WAREHOUSE AREA CONSISTS OF A STORAGE AREA AND A MOTOR POOL CONTAINING 18 STORAGE BUILDINGS AND 32 SUPPORT BUILDINGS, AND 2 ADJACENT STORAGE AREAS AT UTM WJ945318 AND WJ948323. ACTIVITY -- 5 UNIDENTIFIED VEHICLES. [REDACTED]	2105N 10554E	0616		407-D
AI MO WAREHOUSE AREA EAST ON NORTH EDGE OF KIM QUAN DONG AT UTM WJ960317. ENTIRE FACILITY HAS RECEIVED HEAVY DAMAGE FROM AIR STRIKES. SEVENTY PERCENT OF THE BUILDINGS HAVE SUSTAINED VISIBLE STRUCTURAL DAMAGE. [REDACTED]	2105N 10555E	0616		407-B

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Target	Coordinates	WAC	Target Numbers	
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CO DUONG STORAGE AREA AT CO DUONG, 8 NM NW OF HA NOI, AT UTM WJ864394. AREA CONTAINS TWO 2,000-GAL PCL TANKS AND SEVERAL PILES OF UNIDENTIFIED MATERIAL IN OPEN STORAGE. [REDACTED]	2109N 10549E	0616		221-J
HA GIA PET PRODUCTS STORAGE SSW UG NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] ACTIVITY -- 4 RAIL CARS ON SIDING AND 2 VEHICLES IN REVENMENTS. [REDACTED]	2116N 10550E	0616		326-E
VIET TRI PETROLEUM PRODUCTS STORAGE [REDACTED]	2117N 10526E	0616		262-D
DUONG NHAM PETROLEUM PRODUCTS STORAGE U/G [REDACTED]	2101N 10630E	0616		370-A
CANH THUY PROBABLE STORAGE AREA 0.9 NM NW OF CANH THUY AT UTM XJ302455. AREA CONTAINS APPROXIMATELY 44 BUILDINGS IN A NARROW VALLEY. A PROBABLY ASSOCIATED ADMINISTRATION AREA CONSISTING OF APPROXIMATELY 20 BUILDINGS IS 0.7 NM SOUTH. [REDACTED]	2112N 10615E	0616		526
HOANG MAI PETROLEUM PRODUCTS STORAGE 0.6 NM WEST OF HOANG MAI. STORAGE AREA APPEARS COMPLETELY DESTROYED BY AIR STRIKES. [REDACTED]	2114N 10606E	0616		206-H

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BAC GIANG PETROLEUM PRODUCTS STORAGE [REDACTED]	2116N 10611E	0616		238-D
-- URBAN COMPLEXES --				
TIEN YEN COMPLEX SMALL COMPLEX, LESS THAN 1 SQ MI IN AREA, ON NORTH BANK OF THE SONG TIEN YEN (RIVER), CONSISTS OF MOSTLY RESIDENTIAL BUILDINGS WITH NUMEROUS SMALL BARRACKS-TYPE BUILDINGS SCATTERED THROUGHOUT. A NEWLY CONSTRUCTED CAUSEWAY IS IN OPERATION OVER THE SONG TIEN YEN (RIVER) AT UTM YJ495600 AND AN OPERATIONAL VEHICLE FERRY IS JUST WSW OF THE CAUSEWAY. A SMALL BOAT REPAIR FACILITY IS SOUTH OF TOWN AT YJ494594. (SEE ATTACHMENT 7) [REDACTED]	2119N 10724E	0615		104-C
DIEN BIEN PHU COMPLEX COMPLEX, ALONG ROUTE 19, APPEARS ABANDONED. MOST BUILDINGS HAVE BEEN DESTROYED/RAZED. AIRFIELD (BE NO [REDACTED]) IMMEDIATELY TO THE NORTH IS HEAVILY CRATERED AND UNSERVICEABLE. (SEE ATTACHMENT 8) [REDACTED]	2122N 10301E	0616		105-G
VIET TRI COMPLEX SMALL INDUSTRIAL COMPLEX ON WEST BANK OF THE SONG LO (RIVER), IMMEDIATELY NORTH OF THE CONFLUENCE OF THE SONG LO AND THE RED RIVER. COMPLEX, APPROXIMATELY 1 SQ MI IN AREA, IS COMPRISED OF A RAILROAD YARD (BE NO [REDACTED]) A RAIL-SERVED THERMAL POWERPLANT (BE NO [REDACTED]) AND A WOOD PROCESSING PLANT. BOTH THE POWERPLANT AND THE RAIL YARD HAVE BEEN SUBJECTED TO AIR STRIKES AND APPEAR UNSERVICEABLE. ALSO OBSERVED ARE A SECURED POL STORAGE AREA WITH ALL ABOVEGROUND TANKS DESTROYED AND AN UNIDENTIFIED INDUSTRY WITH WATER TREATMENT FACILITIES.	2117N 10525E	0616		262

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>[REDACTED]</p> <p>BAC GIANG COMPLEX COMMERCIAL CENTER, 0.8 SQ MI IN AREA, ON THE HA NOI/LANG SON RAIL LINE CONTAINS A RAILROAD CLASSIFICATION YARD (BAC GIANG RAILROAD YARD AND SHOPS, BE NO [REDACTED], 1,600 FT LONG AND 4 TRACKS WIDE, SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, AND POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE, BE NO [REDACTED]). BAC GIANG CHEMICAL FERTILIZER PLANT (BE NO [REDACTED]) IS 2 NM TO THE NORTH. SEVERAL BUILDINGS HAVE BEEN SEVERELY DAMAGED/DESTROYED BY AIR STRIKE IN THE NE SECTION OF COMPLEX. (SEE ATTACHMENT 9)</p> <p>[REDACTED]</p>	2116N 10611E	0616		238
<p>LANG SON COMPLEX COMPLEX IS ON BOTH SIDES OF THE SONG KY CUNG (RIVER) AT UTM XK820165. TRANSPORTATION, MILITARY, AND RESIDENTIAL AREAS MAKE UP THE MAJORITY OF THE CITY, WHICH IS SITUATED ON ONE OF THE MAIN LAND SUPPLY ROUTES ENTERING NORTH VIETNAM FROM COMMUNIST CHINA. BOTH RAIL AND HIGHWAY ROUTES CONNECTING HA NOI AND SE CHINA PASS THROUGH LANG SON. IN ADDITION, THE CITY IS ON BOTH SIDES OF THE ROAD LEADING NW TO CAO BANG (AT 22-40N 106-15E) AND SE TO TIEN YEN (AT 21-20N 107-24E), CONNECTING THE PRINCIPAL TOWNS ALONG VIETNAM'S MOUNTAINOUS NE FRONTIER. LANG SON AIRFIELD IS 0.9 NM ESE OF THE COMPLEX. THE COMPLEX IS DEFENDED BY NUMEROUS OCCUPIED AAA SITES. NUMEROUS AIR STRIKES HAVE INFLICTED HEAVY DAMAGE ON THE RAIL FACILITIES AND BRIDGES CROSSING THE SONG KY CUNG. A SERVICEABLE, UNDAMAGED RAIL BRIDGE IS AT XK827151 AND ANOTHER RAIL BRIDGE (WITH 1 SPAN MISSING) IS AT XK838142. THIS SECOND RAIL BRIDGE IS NEWLY CONSTRUCTED AND THE MISSING SPAN IS ON A SMALL RAIL SPUR JUST SOUTH OF THE BRIDGE. A LARGE RAILROAD CRANE IS 400 YDS FURTHER SOUTH OF BRIDGE. CONSTRUCTION OF BRIDGE APPEARS COMPLETE. THE MISSING SPAN IS PROBABLY</p>	2151N 10645E	0616		119

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<p>REPLACED AT NIGHT, MAKING THE BRIDGE OPERATIONAL. THE MAIN RAIL/ROAD BRIDGE AT XK820169 IS COLLAPSED (DUE TO BOMB DAMAGE), HOWEVER, THERE IS A FORD AT XK802164, A CABLE BRIDGE AT XK804164, A PONTOON BRIDGE AT XK811164, A LARGE FOOT BRIDGE AT XK818168, AND ANOTHER FORD AT XK819168. (SEE ATTACHMENT 10)</p> <p>[REDACTED]</p>				
<p>DONG DANG COMPLEX SMALL COMPLEX, LESS THAN 1 SQ MI IN AREA, ON THE HA NOI/PING-HSIANG RAIL LINE, AT THE JUNCTION OF ROUTES 4 AND 1B, 1.1 NM SOUTH OF THE NORTH VIETNAM/CHINA BORDER. COMPLEX IS PRIMARILY RESIDENTIAL WITH 1 LARGE STORAGE-TYPE AND SEVERAL BARRACKS-TYPE BUILDINGS. TWENTY-SEVEN PROBABLE MILITARY FACILITIES ARE DISPERSED WITHIN A 5-NM RADIUS OF THE COMPLEX. DONG DANG RAILROAD YARD (BE NO [REDACTED] IS 0.5 NM SOUTH. (SEE ATTACHMENT 11)</p> <p>[REDACTED]</p>	2156N 10642E	0616		357-E
<p>LAO CAI COMPLEX COMPLEX, ON THE NORTH VIETNAM/CHINA BORDER, ON BOTH SIDES OF THE RED RIVER, CONTAINS A THERMAL POWERPLANT (BE NO [REDACTED] SEVERAL LIGHT INDUSTRIES. A RAILROAD CLASSIFICATION YARD (BE NO [REDACTED], A RAILROAD SIDING, DISPERSED MILITARY BARRACKS, DISPERSED STORAGE, AND VARIOUS INDIGENOUS RESIDENTIAL AND COMMERCIAL BUILDINGS. (SEE ATTACHMENT 12)</p> <p>[REDACTED]</p>	2230N 10358E	0616	[REDACTED]	5
<p>LANG YANG COMPLEX SMALL COMPLEX ON THE LAO CAI/HA NOI RAIL LINE CONTAINS A SMALL STORAGE AREA CONSISTING OF 12 STORAGE BUILDINGS IMMEDIATELY NORTH OF NORTHERN END OF A 6-TRACK RAIL YARD. A RAIL SPUR SERVING THE LANG NHON APATITE MINE AND LANG NHON RAIL YARD CROSSES THE RED RIVER AT THIS POINT. RAIL YARD AND RAIL BRIDGE ARE SERVICEABLE.</p>	2226N 10403E	0616		327

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ACTIVITY -- 22 RAIL CARS IN RAIL YARD. [REDACTED]				
CAO BANG COMPLEX SMALL PRIMARILY RESIDENTIAL COMPLEX, LESS THAN 1 SQ MI IN AREA, IS LOCATED AT THE JUNCTION OF ROUTES 3 AND 4, 12 NM SOUTH OF THE NORTH VIETNAM/CHINA BORDER. COMPLEX CONTAINS AN AIRFIELD (BE NO [REDACTED]) ON THE SE SIDE OF TOWN, 3 SMALL MILITARY/STORAGE AREAS IMMEDIATELY EAST (BE NO [REDACTED]), TO THE SW (BE NO [REDACTED]) AND ON THE NW EDGE OF TOWN (BE NO [REDACTED]), AND A HYDRO POWERPLANT (BE NO [REDACTED]) 1.4 NM TO THE NE. A ROAD BY-PASS IS BEING CONSTRUCTED AROUND THE COMPLEX TO THE WEST WITH A 4-SPAN BRIDGE UNDER CONSTRUCTION AT UTM XL287074 AND A CABLE BRIDGE UNDER CONSTRUCTION AT XL287056. (SEE ATTACHMENT 13) [REDACTED]	2239N 10615E	0616	[REDACTED]	104--A
--- UNIDENTIFIED ACTIVITY --- DONG DANG UNIDENTIFIED INSTALLATION U/C NO SIGNIFICANT CHANGE SINCE [REDACTED] [REDACTED]	2200N 10640E	0616		357-B
--- MISCELLANEOUS --- LANG NAC PROB AGRICULTURAL SETTLEMENT 1.2 NM SW OF LANG NAC AT UTM XJ659968. SECURED AREA CONTAINS 21 BARRACKS (3 DETERIORATED), 2 ADMINISTRATION, 5 STORAGE, AND APPROXIMATELY 10 SUPPORT BUILDINGS. [REDACTED]	2140N 10636E	0616		495

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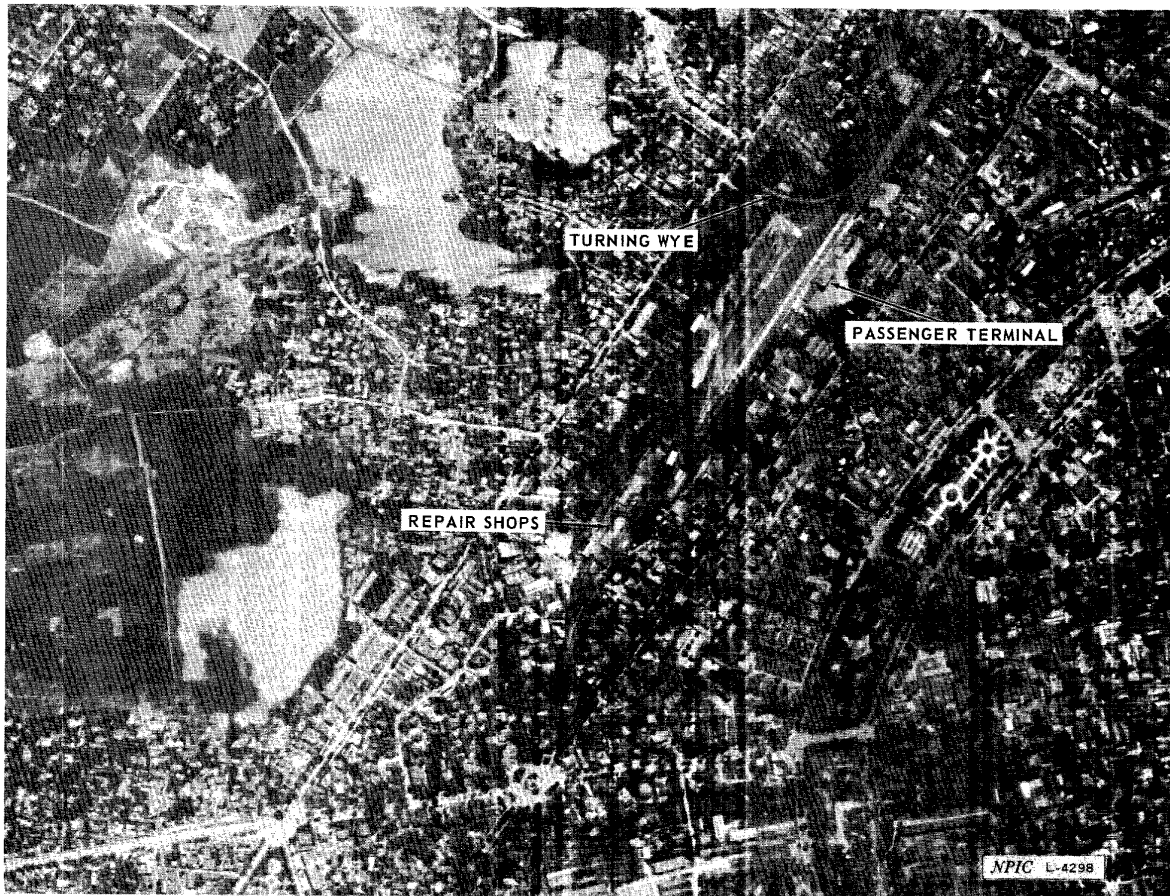
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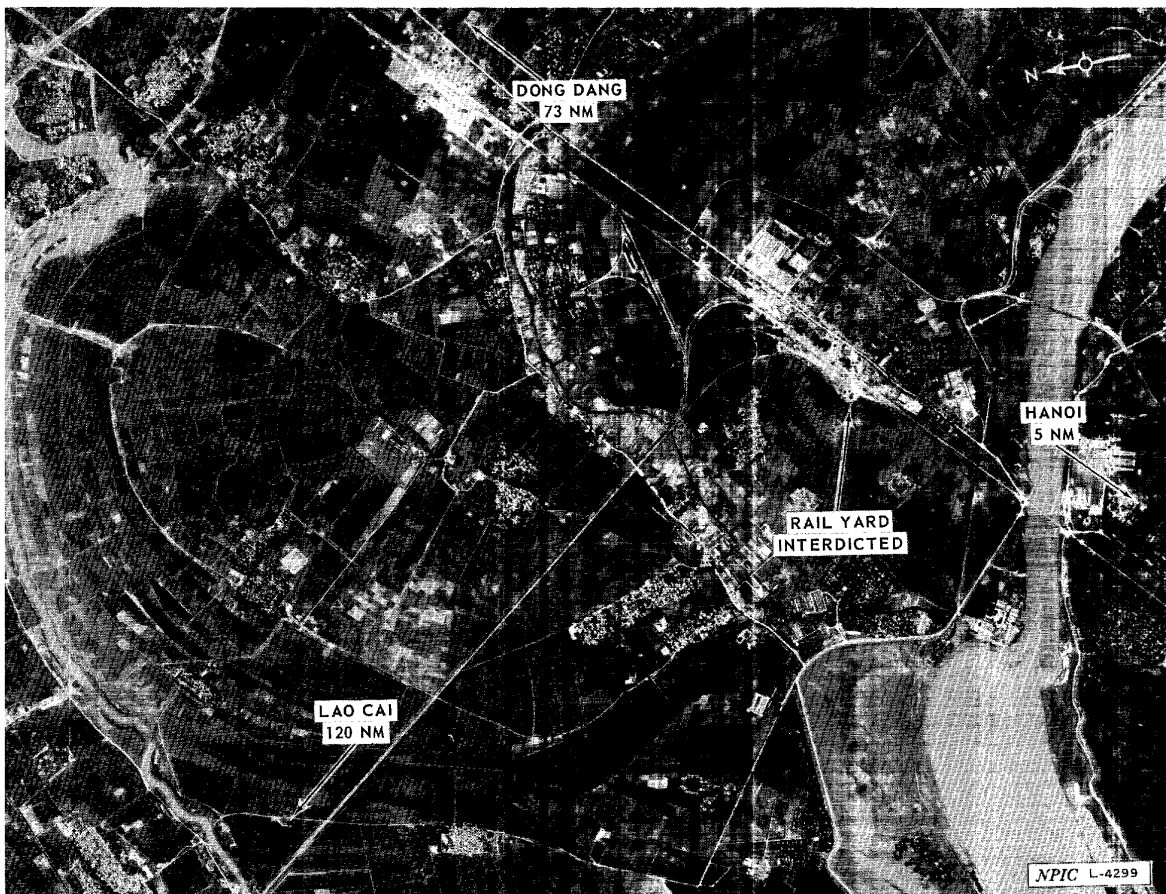
HAI PHONG RAILROAD STATION, CLASSIFICATION YARD, AND SHOPS, NORTH VIETNAM

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YEN VIEN RAILROAD CLASSIFICATION YARD, NORTH VIETNAM

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VIET TRI RAILROAD YARD, NORTH VIETNAM

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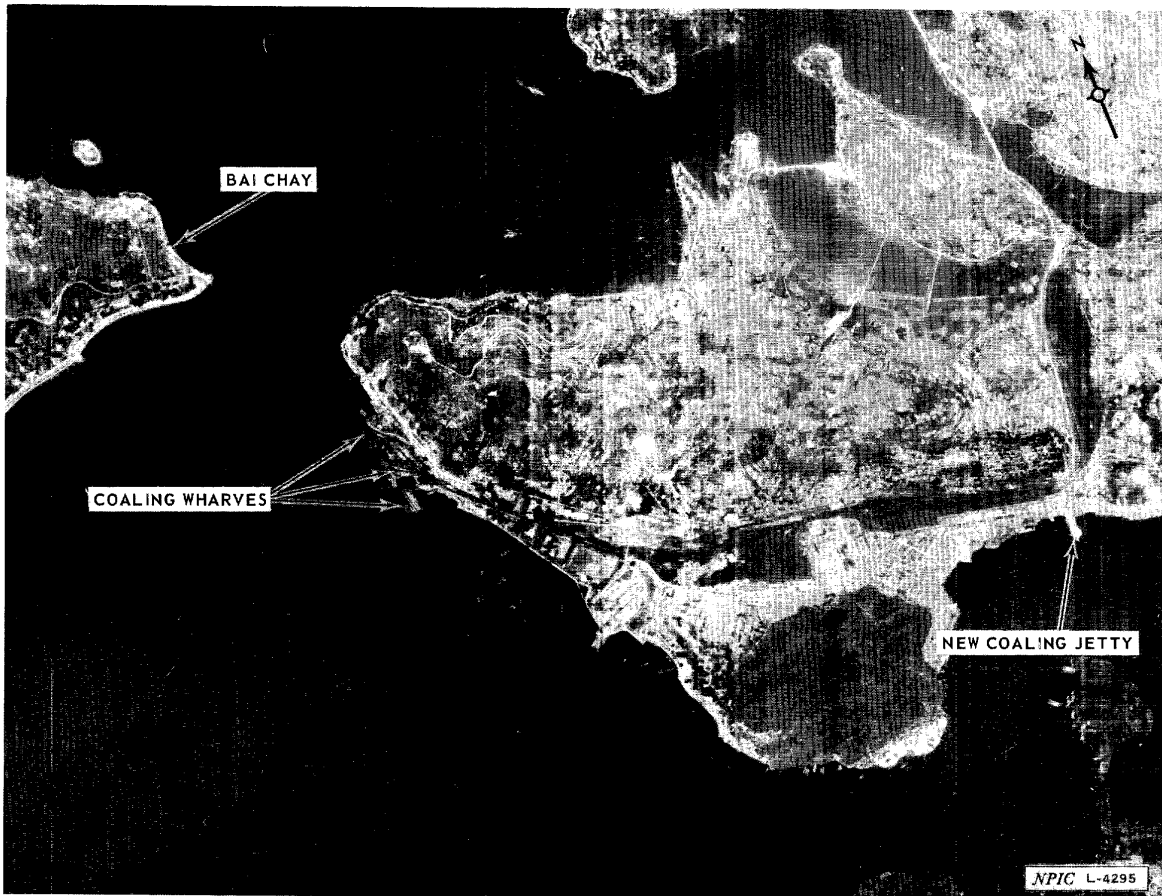
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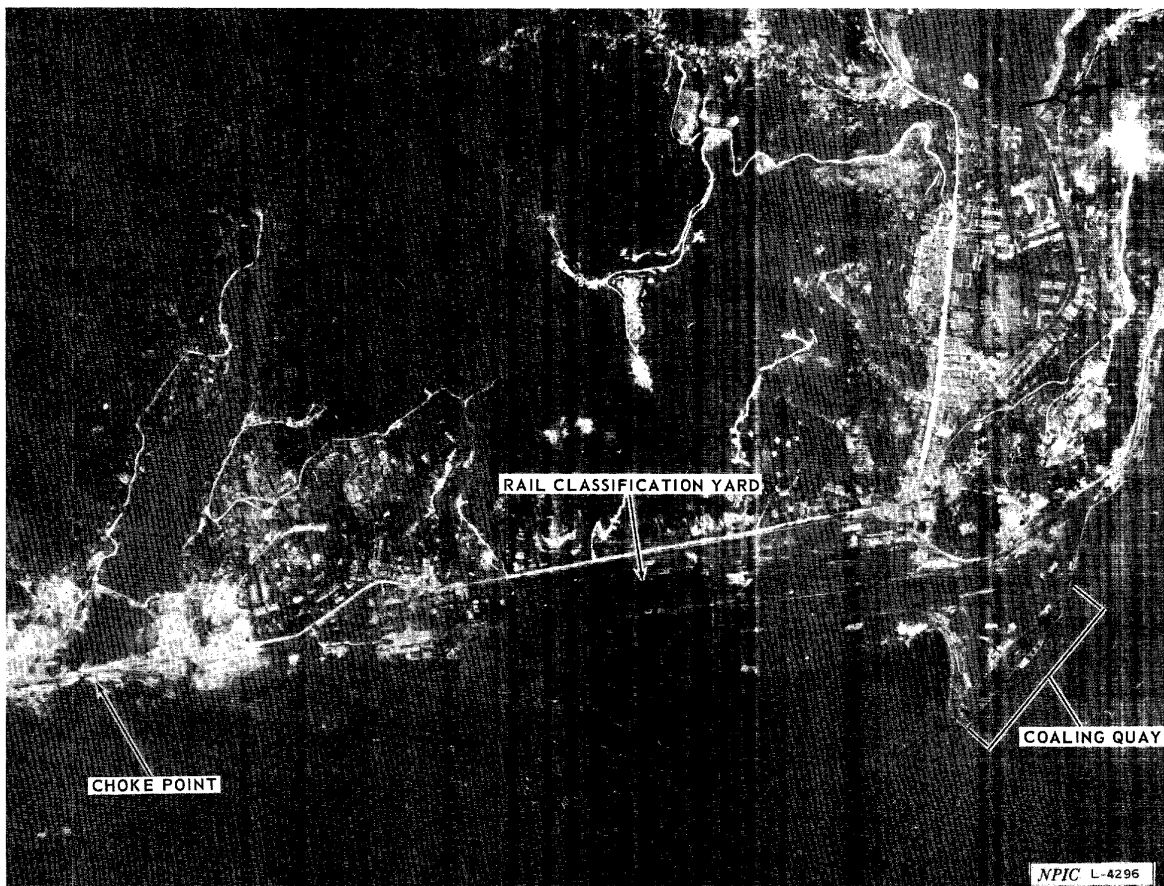
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CAM PHA PORT FACILITIES, NORTH VIETNAM

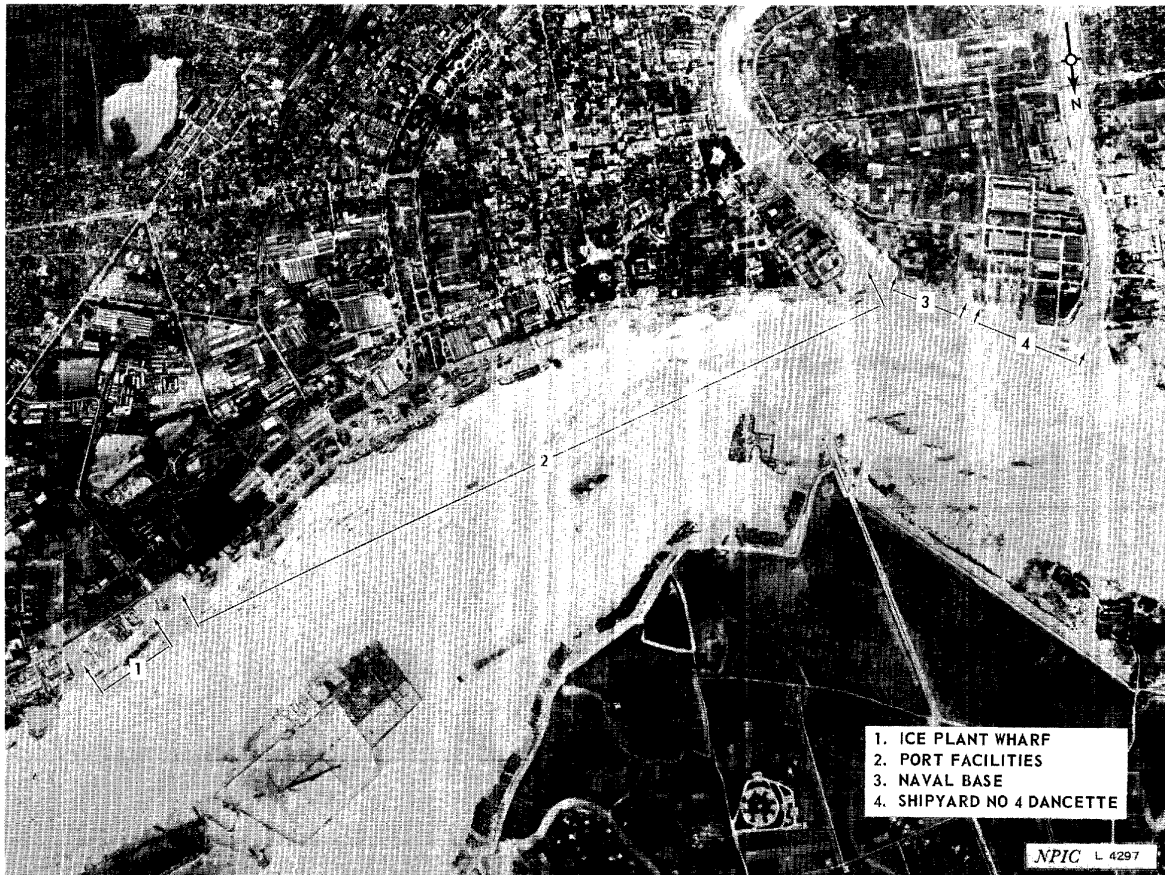
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HAI PHONG PORT FACILITIES, NORTH VIETNAM

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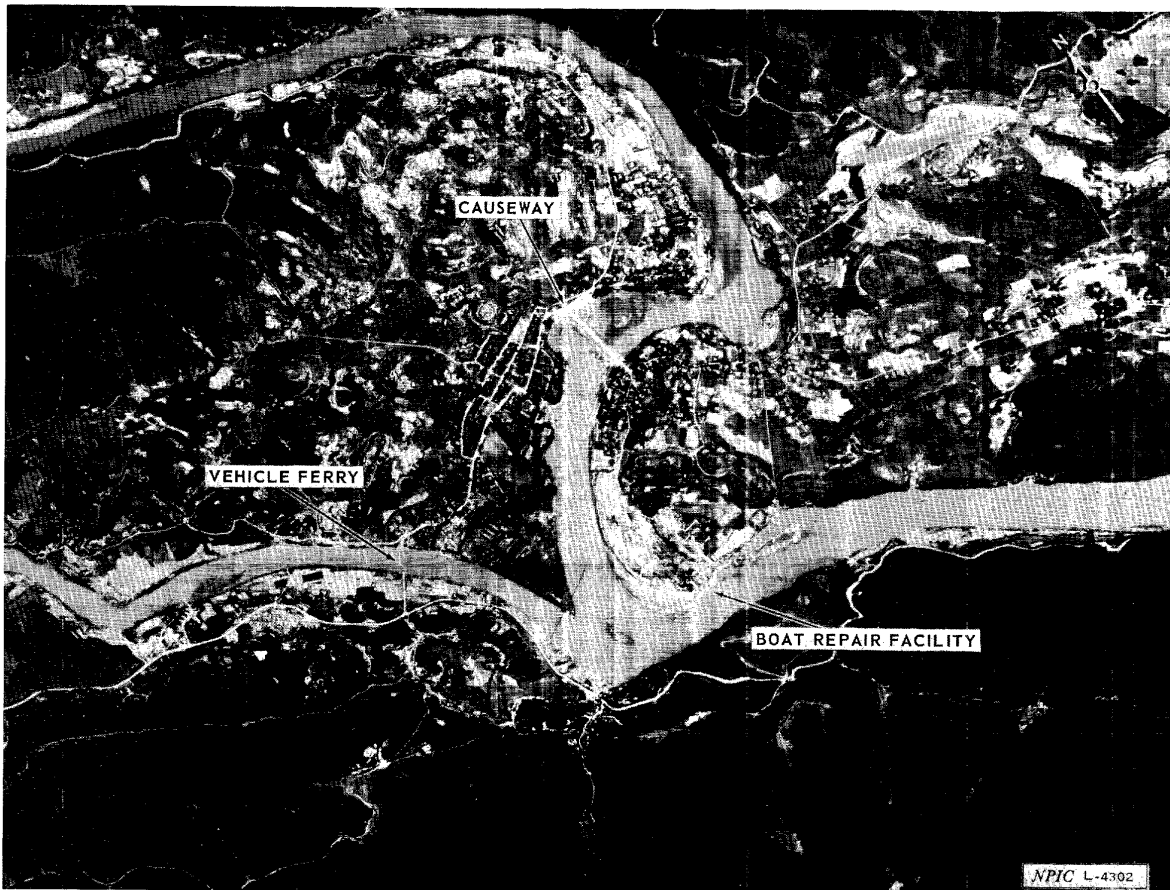
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TIEN YEN COMPLEX, NORTH VIETNAM

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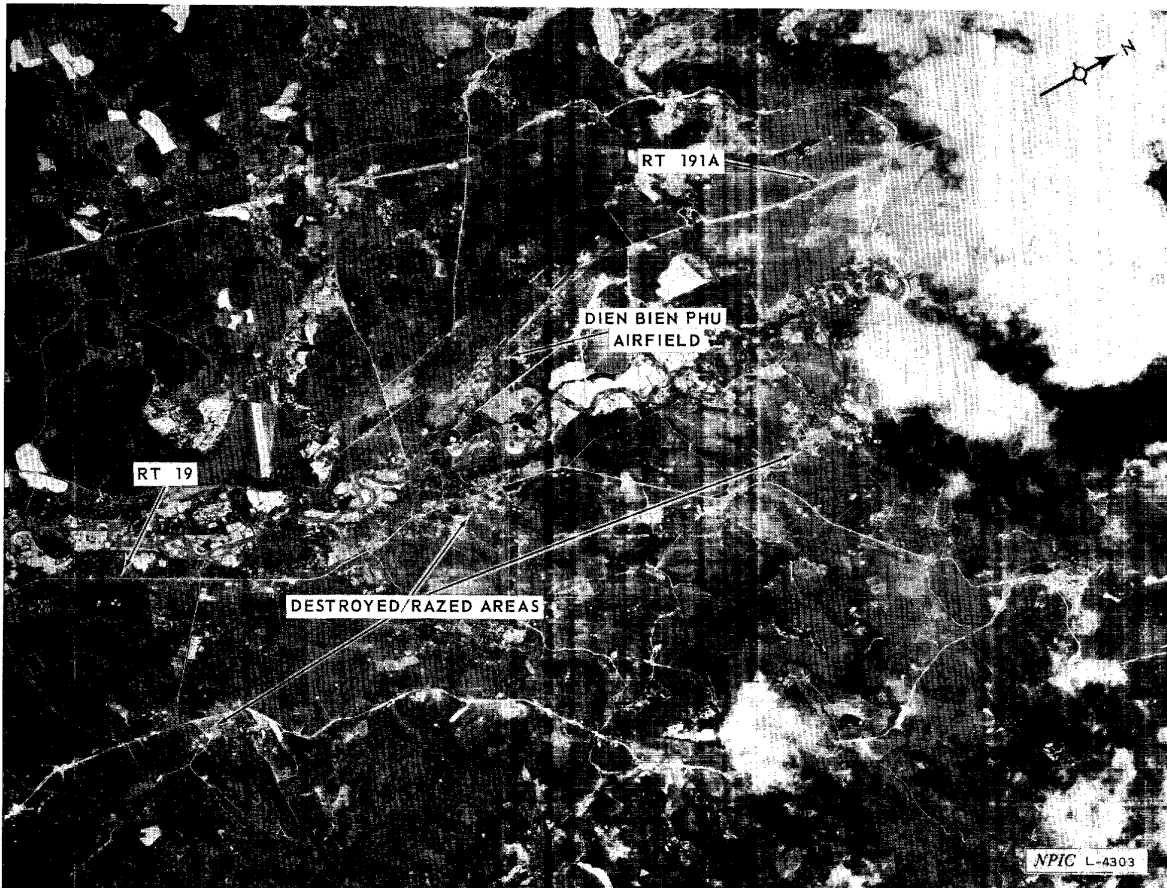
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DIEN BIEN PHU COMPLEX, NORTH VIETNAM

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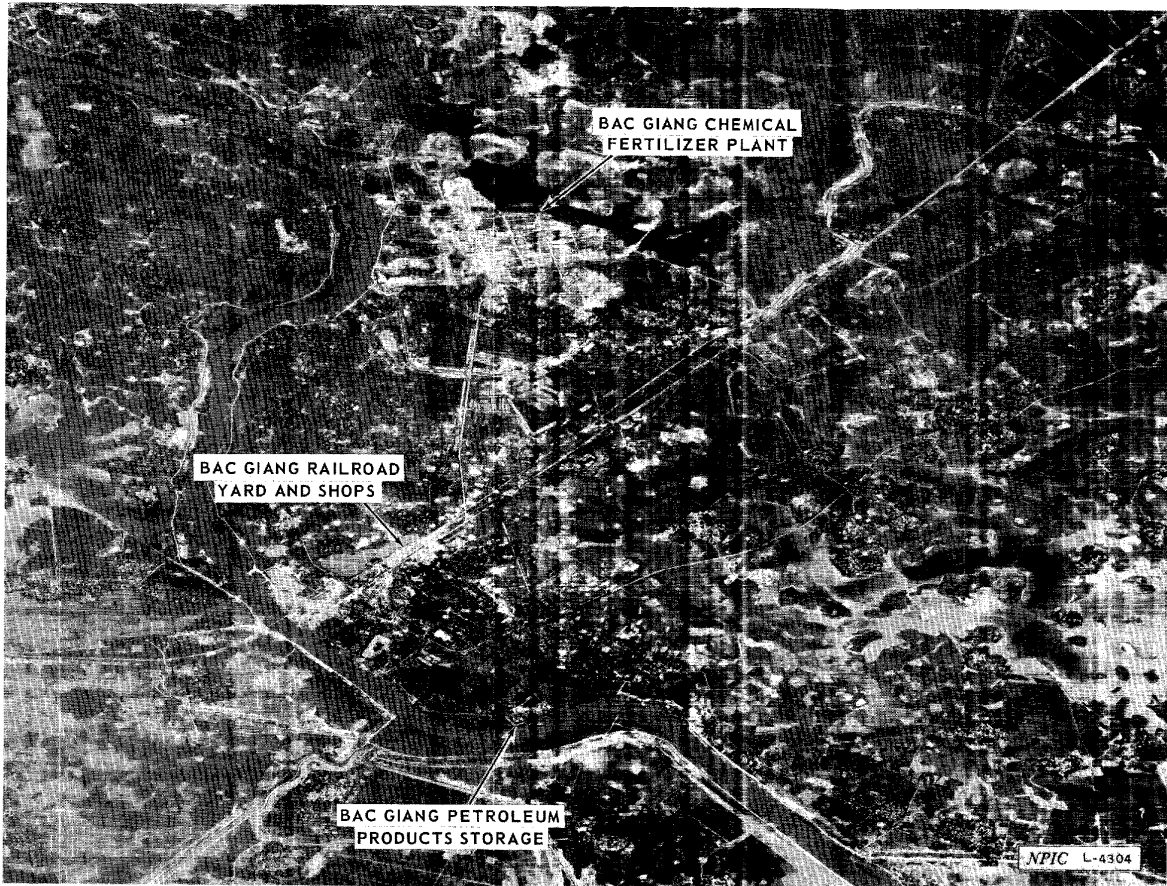
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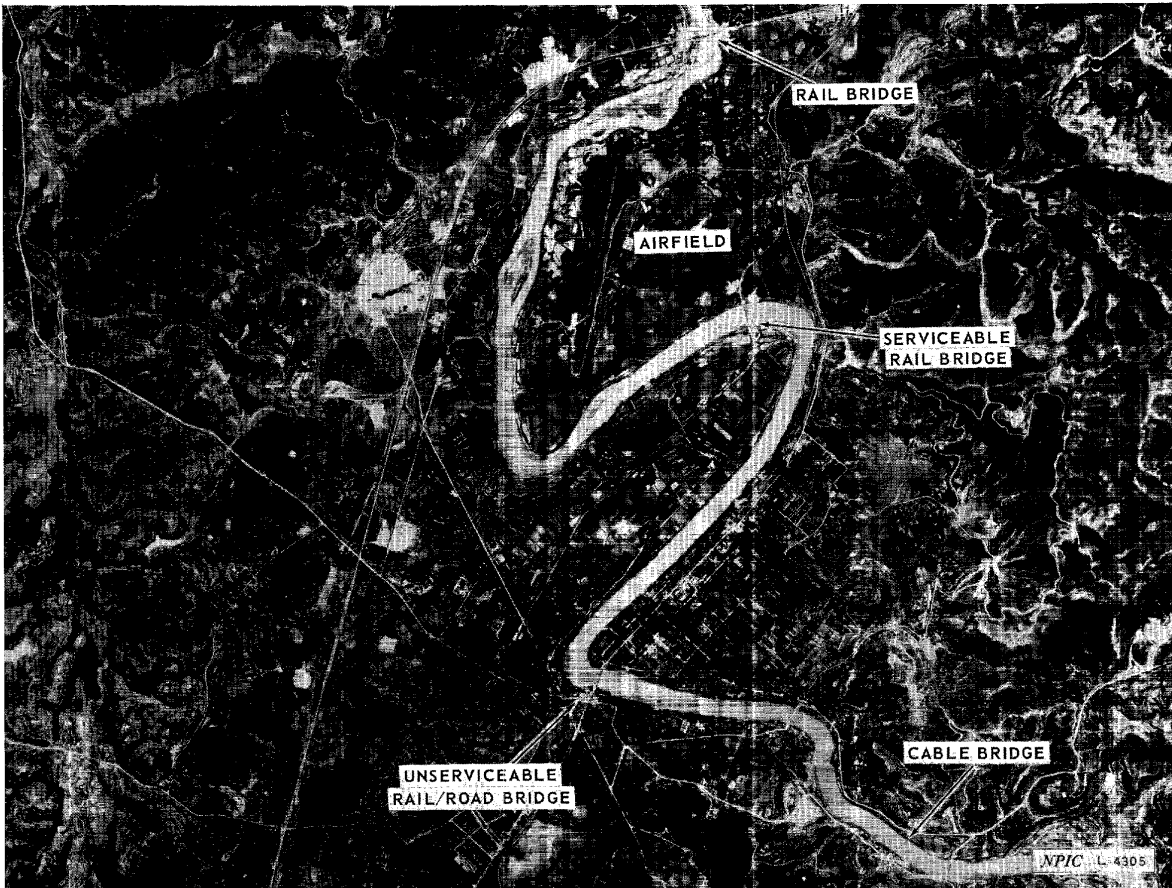


BAC GIANG COMPLEX, NORTH VIETNAM

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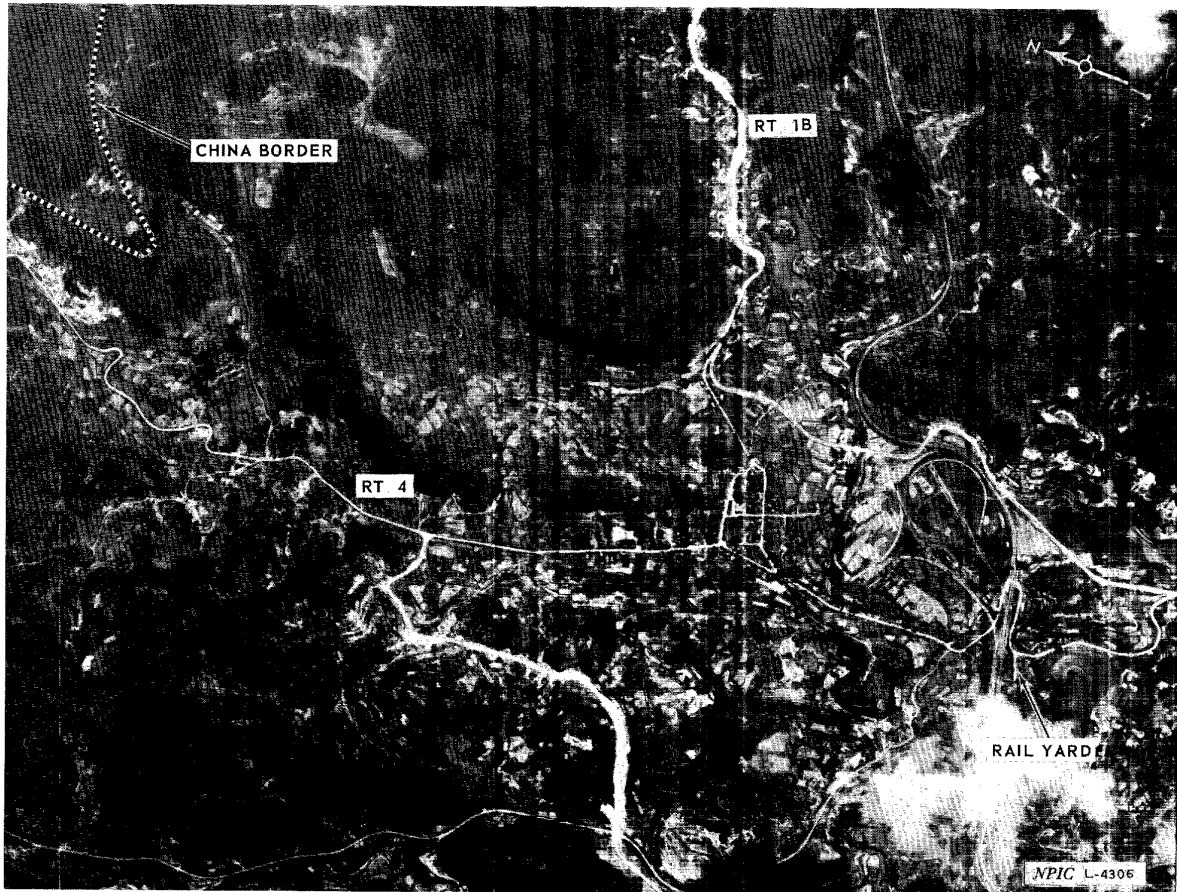
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DONG DANG COMPLEX, NORTH VIETNAM

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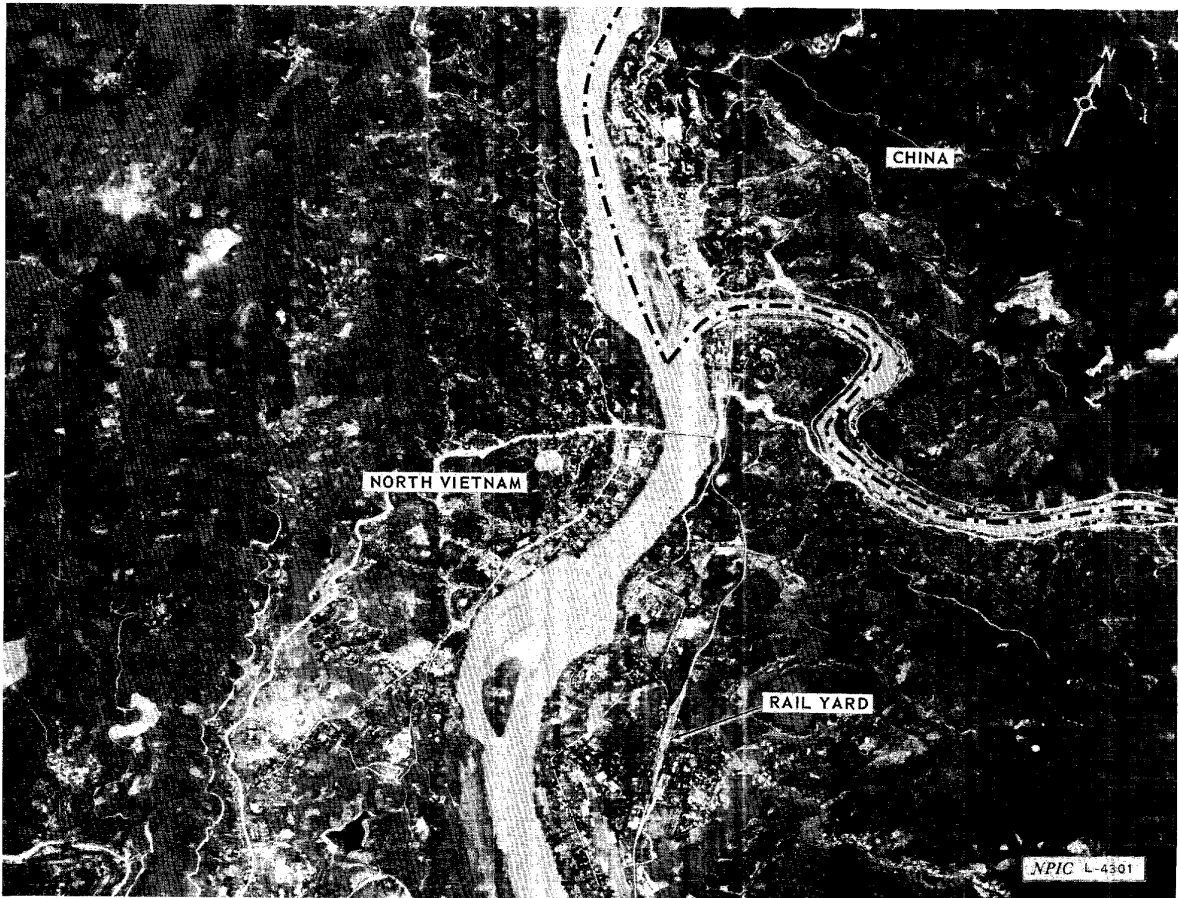
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LAO CAI COMPLEX, NORTH VIETNAM

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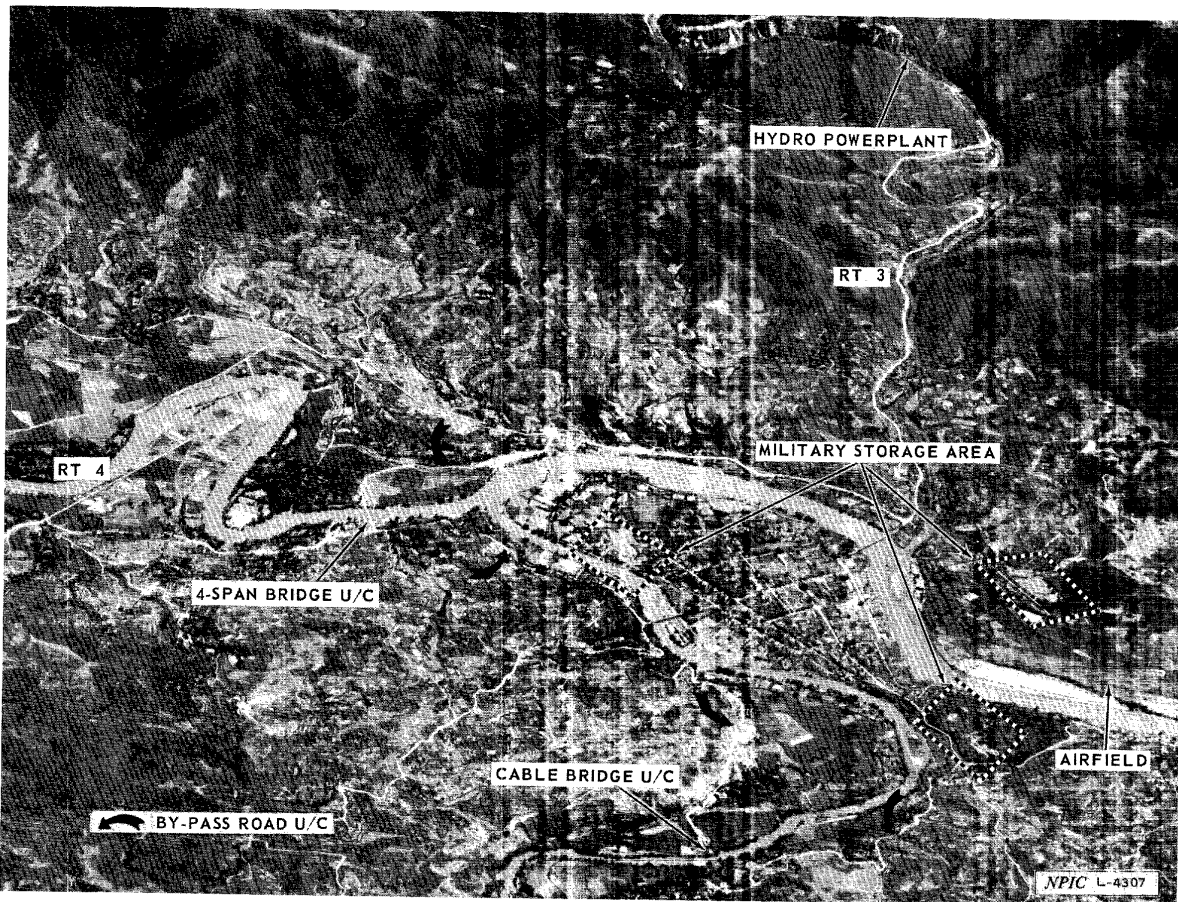
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CAO BANG COMPLEX, NORTH VIETNAM

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