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MISSION BLACK SHIELD
BX6705

20 JUNE 1967

NPIC/R-118/67
JUNE 1967

Approved for Release: JUL 2001
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.
MEMORANDUM FOR: Recipients of BLACKSHIELD Mission Reports

SUBJECT: Amendment of BLACKSHIELD Caveats

It is requested that the following reports be stamped "NO FOREIGN DISSEMINATION":

NPIC/R-112/67, June 1967
NPIC/R-115/67, June 1967
NPIC/R-118/67, June 1967
NPIC/R-125/67, July 1967
NPIC/R-132/67, July 1967
NPIC/R-142/67, August 1967
NPIC/R-134/67, July 1967
NPIC/R-137/67, July 1967
NPIC/R-157/67, August 1967

Assistant for Operations, NPIC
T A B L E  O F  C O N T E N T S

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS ON MISSION BLACK SHIELD BX6705, 20 JUNE 1967.

THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER.

SYMBOLS FOR PHOTO REFERENCE DATA DENOTE LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE, AND MODE.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).
Highlights
MISSION BX6705, 20 JUNE 67

HIGHLIGHTS

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

A TOTAL OF 133 SA-2 SITES ARE IDENTIFIED. OF THE 133, TWO ARE NEWLY IDENTIFIED (BOTH OCCUPIED), A TOTAL OF 20 ARE OCCUPIED, 98 ARE UNOCCUPIED, AND 15 ARE IDENTIFICATION ONLY. OF THE 7 MAJOR AIRFIELDS COVERED, 4 PROVIDED ORDER OF BATTLE INFORMATION.

HAIPHONG PORT AND HANOI ARE COVERED ON CLEAR, GOOD QUALITY PHOTOGRAPHY.
Missiles
MISSILES

LAO CAI SAM SEARCH

NO SA-2 SITES OR SAM ASSOCIATED EQUIPMENT OBSERVED IN SEARCH AREA.

VINH SAM SEARCH

NO NEW SAM SITES OR SAM ASSOCIATED EQUIPMENT OBSERVED.

HUANG-LIU RADAR SITE

LOCATED 0.5 NM EAST OF SHANG-KOU.
ROAD-SERVED SITE CONTAINS 1 POSSIBLE TOKEN-TYPE RADAR.
NO WEAPONS, VEHICLES, OR MISSILE-ASSOCIATED ACTIVITY OBSERVED.

HA NOI SAM SITE A10-2 (14)

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS, 1 OCCUPIED WITH LAUNCHER ONLY, AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 6 VANS, AND AN OCCUPIED REVETTED ACQUISITION RADAR SITE.
QB -- 5 LAUNCHERS (4 WITH MISSILES), A FAN SONG RADAR, 6 VANS, AND AN ACQUISITION RADAR.

HA NOI SAM SITE A19-2 (15)

SITE IS UNOCCUPIED.
HA NOI SAM SITE A29-2 (4)

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH POSSIBLE MISSILES ON LAUNCHERS, 1 UNOCCUPIED), A REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 7 VANS, AN OCCUPIED REVETTED ACQUISITION RADAR SITE, AND 3 REVETTED MISSILE HOLD POSITIONS (1 WITH A COVERED MISSILE TRANSPORTER, 1 WITH 1 PROBABLE PRIME MOVER, 1 WITH 3 PROBABLE PRIME MOVERS). OB -- 5 POSSIBLE SA-2 MISSILES ON LAUNCHERS, 1 MISSILE TRANSPORTER, 4 PROBABLE PRIME MOVERS, A PROBABLE FAN SONG RADAR AND 7 VANS.

HA NOI SAM SITE B04-2 (5)

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 WITH MISSILES ON LAUNCHERS, 2 WITH LAUNCHERS ONLY, AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND AT LEAST 5 VANS, A REVETTED UNOCCUPIED ACQUISITION RADAR SITE, AND 3 REVETTED MISSILE HOLD POSITIONS WITH A SET OF BOGIE WHEELS IN EACH.

OB -- 5 SA-2 LAUNCHERS (3 WITH MISSILES), 3 SETS OF BOGIE WHEELS, A PROBABLE FAN SONG RADAR AND 5 VANS.

HA NOI SAM SITE B12-2 (3)

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH MISSILES ON LAUNCHERS, 1 WITH LAUNCHER ONLY), A REVETTED GUIDANCE AREA WITH FAN SONG RADAR AND 8 VANS, AND AN OCCUPIED ACQUISITION RADAR SITE.

OB -- 6 LAUNCHERS (5 WITH MISSILES), A FAN SONG RADAR WITH 8 VANS AND AN ACQUISITION RADAR.

HA NOI SAM SITE B29-2 (17)

SITE IS UNOCCUPIED.
HA NOI SAM SITE B38-2 (6)
SITE IS UNOCCUPIED.

HA NOI SAM SITE C29-2 (6)
IDENTIFICATION ONLY.

HA NOI SAM SITE C30-2 (7)
IDENTIFICATION ONLY.

HA NOI SAM SITE B17-2 (1)
SITE IS UNOCCUPIED.

HA NOI SAM SITE B21-2 (2)
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED WITH UNIDENTIFIED EQUIPMENT AND A REVETTED GUIDANCE AREA PROBABLY OCCUPIED.

HA NOI SAM SITE C28-2 (13)
IDENTIFICATION ONLY.

HA NOI SAM SITE D31-2 (8)
SITE IS UNOCCUPIED.
HA NOI: SAM SITE A11-2 (9)  
VN 2108N 10555E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 WITH PROBABLE LAUNCHERS; 1 WITH UNIDENTIFIED EQUIPMENT, AND 2 UNOCCUPIED), AN UNOCCUPIED REVETTED GUIDANCE AREA, AND AN UNOCCUPIED REVETTED ACQUISITION RADAR SITE. 08 --- 3 PROBABLE SA-2 LAUNCHERS.

25X1D

HA NOI: SAM SITE A24-2 (19)  
VN 2056N 10643E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED WITH UNIDENTIFIED EQUIPMENT, 2 UNOCCUPIED) AND A REVETTED GUIDANCE AREA PROBABLY OCCUPIED.

25X1D

HA NOI: SAM SITE D31A-2 (28)  
VN 2124N 10517E

SITE IS UNOCCUPIED.

25X1D

HA NOI: SAM SITE D36-2 (39)  
VN 2132N 10547E

SITE IS UNOCCUPIED.

25X1D

HA NOI: SAM SITE G06-2 (32)  
VN 2119N 10615E

SITE IS UNOCCUPIED.

25X1D

HA NOI: SAM SITE G07-2 (30)  
VN 2116N 10619E

SITE IS UNOCCUPIED.
HA NOI SAM SITE D318-2 (29) VN: 2123N 10520E
SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE C14-2 (122) VN: 2128N 10509E
IDENTIFICATION ONLY.

25X1D

YEN BAI SAM SITE B12-2 (116) VN: 2136N 10507E
IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE A29-2 (21) VN: 2052N 10634E
SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A20-2 (25) VN: 2044N 10639E
SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A17-2 (34) VN: 2047N 10642E
SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A29A-2 (37) VN: 2053N 10631E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED, 2 UNOCCUPIED), AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR SITE.
OB -- 4 SA-2 Missiles On Launchers and Guidance and Acquisition Radars.
THANH HOA SAM SITE D20-2 (123) VN: 1916N 10535E
SITE HAS BEEN SUBJECTED TO AIR STRIKES AND IS UNOCCUPIED.

THANH HOA SAM SITE D20A-2 (130) VN: 1915N 10535E
SITE IS UNOCCUPIED.

THANH HOA SAM SITE A17A-2 (153) VN: 1947N 10547E
SITE IS UNOCCUPIED.

THANH HOA SAM SITE A13-2 (154) VN: 1945N 10552E
SITE IS UNOCCUPIED.

HA NOI SAM SITE B38A-2 (43) VN: 2108N 10535E
SITE IS UNOCCUPIED.

HA NOI SAM SITE C38A-2 (44) VN: 2112N 10521E
IDENTIFICATION ONLY.
HA NOI SAM SITE C02-2 (56) VN 2122N 10550E
SITE CONSISTS OF 6 OCCUPIED PARTIALLY REVETTED LAUNCH POSITIONS (2 WITH MISSILES ON LAUNCHERS AND 4 WITH LAUNCHERS ONLY), A PARTIALLY REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 7 VANS, AND AN OCCUPIED UNREVETTED ACQUISITION RADAR SITE.

HA NOI SAM SITE C04A-2 (57) VN 2120N 10608E
SITE IS UNOCCUPIED.

HA NOI SAM SITE C01A-2 (63) VN 2129N 10554E
SITE IS UNOCCUPIED.

HA NOI SAM SITE B33-2 (64) VN 2118N 10544E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 WITH MISSILES ON LAUNCHERS, 3 UNOCCUPIED), A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 7 VANS, AND 2 UNOCCUPIED REVETTED MISSILE HOLD POSITIONS. OR -- 3 SA-2 MISSILES ON LAUNCHERS, A FAN SONG RADAR AND 7 VANS.

HA NOI SAM SITE D35-2 (75) VN 2138N 10537E
SITE IS UNOCCUPIED.
HA NOI SAM SITE C06A-2 (78) VN 2115N 10616E
SITE IS UNOCCUPIED.
25X1D

HA NOI SAM SITE C13-2 (81) VN 2045N 10613E
SITE IS UNOCCUPIED.
25X1D

HA NOI SAM SITE C11-2 (84) VN 2055N 10615E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (1 OCCUPIED WITH MISSILE ON LAUNCHER, 5 UNOCCUPIED), AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR SITE.
DB -- 1 SA-2 MISSILE ON LAUNCHER, A GUIDANCE RADAR AND AN ACQUISITION RADAR.
25X1D

HA NOI SAM SITE C12-2 (88) VN 2052N 10611E
SITE IS UNOCCUPIED.
25X1D

HA NOI SAM SITE C300-2 (92) VN 2112N 10530E
SITE IS UNOCCUPIED.
25X1D

HA NOI SAM SITE B07-2 (95) VN 2108N 10589E
SITE IS UNOCCUPIED.
25X1D
HOA BINH SAM SITE B22-2 (94)  
SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE B17-2 (170)  
SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A27-2 (99)  
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH MISSILES ON LAUNCHERS, 1 WITH PROBABLE LAUNCHER) AND AN OCCUPIED GUIDANCE AREA.  
OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE LAUNCHER, AND A GUIDANCE RADAR.

25X1D

HAI PHONG SAM SITE A06-2 (135)  
IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE A14-2 (137)  
SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE D22-2 (152)  
SITE IS UNOCCUPIED.
HA NOI SAM SITE B17A-2 (118)
SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D01-2 (119)
SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C33-2 (120)
SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B01A-2 (124)

SITE CONSISTS OF 4 UNREVEALED LAUNCH POSITIONS OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS AND AN UNREVEALED OCCUPIED GUIDANCE AREA.

25X1D

HA NOI SAM SITE A33-2 (125)
SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D36A-2 (126)
SITE IS UNOCCUPIED.
HA NOI SAM SITE C018-2 (128) VN 2128N 10552E
SITE IS UNOCCUPIED.

HA NOI SAM SITE A81-2 (133) VN 2107N 10552E
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR (PROBABLE B/C TYPE) AND 4 VANS, AND A REVETTED ACQUISITION RADAR SITE WITH A PROBABLE RADAR AND 3 ASSOCIATED VANS.
08 --- 6 SA-2 MISSILES ON LANCHE, A FAN SONG RADAR WITH 4 VANS, AND A PROBABLE ACQUISITION RADAR WITH 3 ASSOCIATED VANS.

HA NOI SAM SITE G03-2 (138) VN 2121N 10600E
SITE IS UNOCCUPIED.

HA NOI SAM SITE A14-2 (142) VN 2056N 10558E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH MISSILES ON LANCHE AND 1 UNOCCUPIED) AND AN OCCUPIED REVETTED GUIDANCE AREA WITH GUIDANCE RADAR AND 6 VANS.
08 --- 5 SA-2 MISSILES ON LANCHE, 1 GUIDANCE RADAR AND 6 VANS.

HA NOI SAM SITE C32-2 (143) VN 2119N 10531E
SITE IS UNOCCUPIED.
MISSION 8X6705, 20 JUNE 67

25X1A

HA NOI SAM SITE B32-2 (146) VN 2115N 10535E
SITE IS UNOCCUPIED.

HA NOI SAM SITE B07A-2 (148) VN 2109N 10608E
SITE IS UNOCCUPIED.

HA NOI SAM SITE A31-2 (159) VN 2104N 10546E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH MISSILES ON LAUNCHERS, 1 WITH LAUNCHER ONLY), A REVETTED OCCUPIED GUIDANCE AREA WITH 5 VANS, AND A REVETTED PROBABLY OCCUPIED ACQUISITION RADAR SITE. OB --- 6 LAUNCHERS (5 WITH MISSILES), A GUIDANCE RADAR WITH 5 VANS, AND A PROBABLE ACQUISITION RADAR.

HA NOI SAM SITE C17A-2 (161) VN 2037N 10557E
SITE IS UNOCCUPIED.

HA NOI SAM SITE B16-2 (162) VN 2049N 10557E
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR SITE. OB --- 6 SA-2 MISSILES ON LAUNCHERS AND GUIDANCE AND ACQUISITION RADARS.

HA NOI SAM SITE E22-2 (164) VN 2026N 10529E
SITE IS UNOCCUPIED.
MISSION 0X2705, 20 JUNE 67

HA NOI SAM SITE C056-2 (171)

SITE IS UNOCCUPIED.

HA NOI SAM SITE B27-2 (180)

SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS (4 WITH POSSIBLE MISSILES ON LAUNCHERS, 1 UNOCCUPIED) AND AN OCCUPIED REVETTED GUIDANCE AREA.

HA NOI SAM SITE B13-2 (184)

SITE IS UNOCCUPIED.

HA NOI SAM SITE B28-2 (189)

IDENTIFICATION ONLY.

HA NOI SAM SITE B04A-2 (186)

SITE IS UNOCCUPIED.

VINH LINH SAM SITE 425-2 (177)

SITE IS UNOCCUPIED.
VINH LINH SAM SITE A26-2 (187) VN 1701N 10654E
SITE IS UNOCCUPIED.

25X1D

HA NOI PROB SA-2 MSL EQUIP TRNG VN 2127N 10555E
AREA STILL APPEARS TO BE USED FOR TRAINING. THIS TARGET IS ALSO REFERRED TO AS HA NOI SAM SITE G01C-2 (181).

25X1D

YU-LIN CSTL DEF & RADAR SITE CH 1611N 10929E
25X1D
NO APPARENT CHANGE SINCE MISSION IN CLOUD-FREE AREAS.
DB -- 4 TRUCKS.

25X1D

YAI-CHENG PROB RADAR SITE CH 1818N 10910E
25X1A
IDENTIFICATION ONLY. TARGET IS CARRIED AS YAI-CHENG PROBABLE CRUISE MISSILE SITE, COMOR

25X1D

BAC CAN SAM SITE (192) VN 2138N 10546E NO COMOR
SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE B19-2 (198) VN 2032N 10520E NO COMOR
SITE IS UNOCCUPIED.
HOA DINH SAM SITE (281)  

NEWLY IDENTIFIED SA-2 SAM SITE (281), LOCATED 28.0 NM SE OF HOA DINH AT 20°26'30"N 105°26'00"E (UTM 31747010267). CONSISTS OF 4 OCCUPIED UNREVETTED LAUNCH POSITIONS AND AN OCCUPIED UNREVETTED GUIDANCE AREA WITH AT LEAST 2 ASSOCIATED VANS.  

OB — 4 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND AT LEAST 2 VANS.

YEN BAI SAM SITE (194)  

SITE IS UNOCCUPIED.

YEN BAI SAM SITE (197)  

SITE IS UNOCCUPIED.

YEN BAI SAM SITE (193)  

SITE IS UNOCCUPIED.

YEN BAI SAM SITE (202)  

NEWLY IDENTIFIED SITE (202), LOCATED 20.9 NM EAST OF YEN BAI AT UTM 31747010267. CONSISTS OF 4 OCCUPIED UNREVETTED LAUNCH POSITIONS AND AN UNREVETTED GUIDANCE AREA WITH A GUIDANCE RADAR AND AT LEAST 4 ASSOCIATED VANS.  

OB — 4 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR AND 4 VANS.
VINH LINH SAM SITE B29-2 (191)  VN 17°09'N 106°44'E  NO COMOR

SITE IS UNOCCUPIED, THOUGH SUBJECT TO AIR STRIKES, SITE APPEARS SERVICEABLE.

25X1D

HANOI SAM SITE (195)  VN 21°30'N 105°52'E  NO COMOR

SITE IS UNOCCUPIED.

25X1D
Air Facilities
LING-SHUI AIRFIELD
OB -- 11 FAGOT/FRESCO.

HAIPHONG/CAT BI AIRFIELD
OB -- NONE OBSERVED.

HAIPHONG/KIEN AN AIRFIELD
OB -- NONE OBSERVED.

HANOI/BAC MAI AIRFIELD
OB -- AT LEAST 2 SMALL STRAIGHT-WING AIRCRAFT IN HANGAR WITHOUT ROOF.

HANOI/GIA LAM AIRFIELD
OB -- 16 FAGOT/FRESCO, 2 CRATE (1 WITHOUT LEFT WING), 8 COLT, 1 CREEK, 1 CAB FUSELAGE, AND 2 HOUND.

PHUC YEN AIRFIELD
OB -- NO APPARENT CHANGE SINCE MISSION
DB -- 8 FISHBED, 3 FAGOT/FRESCO, 4 DELTA-WING DECOY/DUMMY, AND 1 PROBABLE DECOY/DUMMY FUSELAGE.
KEP AIRFIELD  

OB -- AT LEAST 2 PROBABLE F4D/1F.  

YEN BAI AIRFIELD  

CONSTRUCTION ON AIRFIELD IS CONTINUING. THE MAIN RUNWAY IS NOW CLEARLY DELINATED, IN THE CENTER OF THE LEVELLED AREA, ORIENTED NW/SE WITH OVERALL DIMENSIONS OF APPROXIMATELY 7,400 X 150 FT. GROUND SCARRING INDICATES EXTENSIVE EARTH MOVING ACTIVITY IS TAKING PLACE. NUMEROUS PIECES OF CONSTRUCTION EQUIPMENT ARE OBSERVED. DEFENSES IN THE IMMEDIATE AREA INCLUDE OCCUPIED AAA SITES, TRENCHES, AW POSITIONS, AND FOXHOLES.  

HOA LAC AIRFIELD  

OB -- NONE OBSERVED.  

BAI THUONG AIRFIELD  

AIRFIELD REMAINS UNDER CONSTRUCTION AND HAS BEEN SUBJECTED TO AIR STRIKES. NUMEROUS BOMB CRATERS ARE LOCATED ON RUNWAY AND AROUND THE AIRFIELD. AIRFIELD IS UNSERVICEABLE.  

HA NOI HELICOPTER DISPERSAL AREA  

FIVE HOOK HELICOPTERS ARE DISPERSED IN OPEN AREA.  

25X1D
THO KHOI HELICOPTER DISPERSAL AREA

HELMET DISPERSEL AREA CONTAINS 1 HOOK AND 7 HOUND HELICOPTERS.

OB -- 1 HOOK AND 7 HOUND.
Naval Activity/Ports
NAVAL ACTIVITY/PORTS

YU-LIN NAVAL BASE AND PORT

CH 1813N 10931E

DB -- (AT NAVAL BASE) -- 4 KRONSHTADT-CLASS PG, 2 SHANGHAI-CLASS PTF, 12 P-4-CLASS PT, 1 POSSIBLE LIENHUN-CLASS MRM, 2 LCM, 4 YP, 3 YGT, 1 Trawler, and several unidentified small craft.

(At Port Facility) -- 9 SHANGHAI-CLASS PTF, 3 small craft, and 2 barges.

25X1D

HAI PHONG PORT FACILITIES

VN 2052N 10642E

DB -- 1 S.O-1-CLASS SC (SUNK AT NAVAL BASE PIER), 1 probable SHANGHAI-CLASS PTF, 2 P-6-CLASS PT/SWATOW-CLASS PGM, 1 SWATOW-CLASS PGM; and 1 SL-1. Vessels -- 10 freighters, 1 large-hatch freighter, and 1 bucket dredge.

25X1D

BEN THUY COAST TRANS POINT

VN 1839N 10542E

25X1D

NO APPARENT CHANGE SINCE MISSION

25X1D

PEI-LI PORT FACILITIES

CH 1986N 10837E

Located on west edge of Tung-Hai-Tan. Facilities include a rail-served mole, shoreline with quayage, a breakwater, and several storage/support buildings.

25X1D

MERSHIP ACTIVITY CUA NAM TRIEU

VN 2050N 10647E NO COMMENT

The following merchant ships are observed in the Cua Nam Trieu -- 2 large-hatch freighters, 9 small-hatch freighters, and 2 tankers (in tanker anchorage).

25X1D
Military Activity
VAN HOI MILITARY AREAS
VN 2134N 10452E

THREE SECURED AREAS REFERENCED FROM VAN HOI.
AREA A (4 NM SE AT UTM [REDACTED] -- WALLED AREA
CONTAINS 22 BARRACKS-TYPE AND 10 STORAGE BUILDINGS. A
SUPPORT AREA IMMEDIATELY SE CONTAINS 6 BARRACKS, 1
ADMINISTRATION, AND 12 SUPPORT BUILDINGS. MINOR
CONSTRUCTION ACTIVITY NOTED IN AREA.
AREA B (4.3 NM SSE AT UTM [REDACTED] -- WALLED AREA
CONTAINS 12 BARRACKS-TYPE, 2 SECURED, AND 7 SUPPORT
BUILDINGS. A SUPPORT AREA IMMEDIATELY EAST CONTAINS 6
BARRACKS, 1 ADMINISTRATION, AND 3 SUPPORT BUILDINGS.
AREA C (7 NM SE AT UTM [REDACTED] -- 30 BARRACKS, 1
ADMINISTRATION, AND 12 SUPPORT BUILDINGS.

HOC-BOU ARMY BARRACKS NORTH
CH 2232N 10357E

NO APPARENT CHANGE SINCE MISSION

THAI NGUYEN ARMY SUP DEPOT N
VN 2138N 10551E

NO APPARENT CHANGE SINCE MISSION

LING-SHUI POSS MIL BKS AREA
CH 1831N 11002E

IDENTIFICATION ONLY.

LING-SHUI MIL TRAINING AREA
CH 1829N 10958E

AREA IS ASSOCIATED WITH LING-SHUI AIRFIELD, COMOR

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TSA-TI-PAD ROAD

ROAD OBSERVED THROUGH SCATTERED CLOUDS FROM HO-KOU. 22-30N 103-58E NW TO 22-56N 103-37E IS COMPLETE AND SERVICEABLE. A PROBABLE ROAD-TO-WATER TRANSFER POINT IS LOCATED AT 22-37N 103-49E. SIX CARGO TRUCKS OBSERVED ON ROAD.

HA NOI/LAO C AI RR SEGMENT 2  
VN 2200N 10433E

MAIN LINE APPEARS SERVICEABLE. BY-PASS IS UNDER CONSTRUCTION AT PARTIAL CLOUD COVER LIMITS ANALYSIS OF NORTHERN THIRD OF RAIL SEGMENT.

HA NOI/LAO C AI RR SEGMENT 1  
VN 2220N 10410E

RAIL SEGMENT, OBSERVED INTERMITTENTLY, APPEARS SERVICEABLE IN CLOUD-FREE AREAS. THIRTY-FIVE PIECES OF ROLLING STOCK OBSERVED IN LAO CAI COMPLEX.

HA NOI/LAO C AI RR SEGMENT 3  
VN 2140N 10456E

BOMB DAMAGE OBSERVED AT SOUTH CHOKED POINT OF SMALL RAILYARD AT UTM SCALE PRECLUDES DETERMINATION OF SERVICEABILITY OF RAIL LINE AT THIS POINT. BOMB DAMAGE OBSERVED AT NORTH END OF BRIDGE AT SCALE PRECLUDES DETERMINATION OF SERVICEABILITY OF RAIL LINE AT THIS POINT.

INTERDICTED AT SERVICEABILITY OF RAIL LINE AT THIS POINT. BOMB DAMAGE OBSERVED AT YEN BAI RAILROAD IS INTERDICTED AT SERVICEABILITY OF RAIL LINE AT THIS POINT NOT DISCERNIBLE. BRIDGE BY-PASS IS UNDER CONSTRUCTION AT...
HA NOI/PING-HSIANG RR SEG 3
VN 2110N 10604E

ENTIRE RAIL SEGMENT OBSERVED. A TOTAL OF 241 PIECES OF ROLLING STOCK ARE OBSERVED SCATTERED ALONG THE RAIL LINE.

HA NOI/LAO CAI RR SEGMENT 4
VN 2120N 10528E

NO RAIL ACTIVITY DISCERNIBLE.

HA NOI/LAO CAI RR SEGMENT 5
VN 2110N 10548E

ENTIRE SEGMENT IS COVERED. APPROXIMATELY 55 PIECES OF ROLLING STOCK ARE AT THE YARD AT 21-18N 105-42E. A TRAIN, CONSISTING OF A LOCOMOTIVE AND 15 PIECES OF ROLLING STOCK, IS LOCATED AT 21-18N 105-42E. A NEWLY OBSERVED RAIL BY-PASS IS UNDER CONSTRUCTION AROUND A SERVICEABLE RAIL BRIDGE AT 21-15N 105-41E. THE BY-PASS BRIDGE IS SERVICEABLE, BUT TRACK IS NOT OBSERVED ON THE APPROACHES.

KEP/THAI NGUYEN RAILROAD
VN 2130N 10607E

ENTIRE RAILROAD OBSERVED. APPROXIMATELY 60 PIECES OF ROLLING STOCK ARE OBSERVED ALONG THE RAIL LINE. NO NEW CONSTRUCTION, COMMUNICATIONS FACILITIES, OR MILITARY ACTIVITY IS OBSERVED.
CONNECTS TO SEVERAL OF THE DISPERSED BUILDINGS. AN EXCAVATION FOR A PROBABLE UNDERGROUND TANK IS AT UTM 25X1D APPROXIMATELY 29 PIECES OF ROLLING STOCK ARE OBSERVED IN THE AREA.

THAI NGUYEN IRON AND STEEL COMBINE VN 2134N 10552E NO COMOR

NO APPARENT CHANGE SINCE MISSION

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Complexes
BAC GIANG COMPLEX

COMPLEXES

COMMERCIAL CENTER ON THE HA NOI/LANG SON RAIL LINE, 0.8 SQ MI IN AREA, CONTAINS A RAILROAD CLASSIFICATION YARD, 1,680 FT LONG AND 4 TRACKS WIDE, SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, AND POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE, BE NO). SEVERAL BUILDINGS HAVE BEEN SEVERELY DAMAGED/DESTROYED BY AIR STRIKE IN NE SECTION OF COMPLEX.

LAU CHAU COMPLEX

NO APPARENT CHANGE SINCE MISSION

TUyen QUANG COMPLEX

NO APPARENT CHANGE SINCE MISSION

YEN BAI COMPLEX

COMPLEX HAS APPARENTLY SUSTAINED BOMB DAMAGE WITH APPROXIMATELY 65 BUILDINGS DESTROYED AND RAIL LINES WITHIN RAILROAD YARD INTERDICTED AT SEVERAL POINTS.

DIEN BIEN PHU COMPLEX

NO APPARENT CHANGE SINCE MISSION

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LAO CAI COMPLEX

NO APPARENT CHANGE SINCE MISSION

VIET TRI RR YARD

THE RAILYARD APPEARS TO BE UNSERVICEABLE. YARD HAS BEEN Subjected TO AIR STRIKES AND HAS NUMEROUS BOMB CRATERS. AT LEAST 20 PIECES OF ROLLING STOCK (7 DERAILED AND OVERTURNED) OBSERVED IN THE YARD.

YEN VIEN RR CLASS YARD

NO APPARENT CHANGE SINCE MISSION ONE HUNDRED THIRTY-SEVEN PIECES OF ROLLING STOCK OBSERVED.
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