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BLACK SHIELD MISSION X-001

31 MAY 1967

NPIC/R-112/67
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 BLACKSHEILD Mission Reports

SUBJECT: Amendment of BLACKSHEILD Cavesite

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

NFIC/R-112/67, June 1967
NFIC/R-113/67, June 1967
NFIC/R-115/67, June 1967
NFIC/R-125/67, July 1967
NFIC/R-123/67, July 1967
NFIC/R-142/67, August 1967
NFIC/R-134/67, July 1967
NFIC/R-137/67, July 1967
NFIC/R-151/67, August 1967
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Approved For Release 2000/04/17
SECRET

BLACK SHIELD X001, 31 MAY 1967
R-112/07
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF MISSION BLACK SHIELD X001, 31 MAY 1967.

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

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS, AND SYMBOLS DENOTING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE, AND THE 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 (SEMDARKNESS), 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).
Missiles
MISSILES

LAO CAI SAM SEARCH

NO SAM ACTIVITY OBSERVED.

DIEN BIEN PHU SAM SEARCH

APPROXIMATELY 40 PERCENT OF THE SEARCH AREA COVERED BY 20 PERCENT CLOUD-FREE PHOTOGRAPHY. NO SAM INSTALLATIONS OBSERVED IN CLOUD-FREE AREAS.

HA NOI SAM SITE A18-2 (14)

SITE CONSISTS OF AT LEAST 4 OCCUPIED REVETTED LAUNCH POSITIONS WITH POSSIBLE MISSILES, AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA. DB -- 4 POSSIBLE SA-2 MISSILES AND A GUIDANCE RADAR.

HA NOI SAM SITE A19-2 (15)

SITE CONSISTS OF AT LEAST 2 OCCUPIED REVETTED LAUNCH POSITIONS WITH POSSIBLE MISSILES. DB -- 2 POSSIBLE SA-2 MISSILES.

HA NOI SAM SITE A29-2 (4)

SITE IS UNOCCUPIED.

HA NOI SAM SITE B12-2 (3)

IDENTIFICATION ONLY.
HA NOI SAM SITE 829-2 (17)  
IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE 838-2 (16)  
IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE 817-2 (1)  
IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE 821-2 (2)  
IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE 831-2 (8)  
SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE A11-2 (9)  
SITE CONSISTS OF 4 OCCUPIED LAUNCH POSITIONS WITH POSSIBLE MISSILES, 1 POSSIBLY OCCUPIED POSITION, 1 UNOCCUPIED POSITION, AND AN OCCUPIED CENTRAL GUIDANCE AREA.

DB -- 4 POSSIBLE SA-2 MISSILES AND A GUIDANCE RADAR.

25X1D

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HA NOI SAM SITE 036-2 (39) VN 2132N 10954E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C06-2 (32) VN 2119N 10615E

SITE CONSISTS OF 5 OCCUPIED, REVETTED LAUNCH POSITIONS (AT LEAST 3 WITH MISSILES), 1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED UNREVETTED CENTRAL GUIDANCE AREA.

DB -- AT LEAST 3 SA-2 MISSILES AND A GUIDANCE RADAR.

25X1D

HA NOI SAM SITE G07-2 (38) VN 2116N 10619E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE 031B-2 (29) VN 2123N 10520E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE A29-2 (21) VN 2052N 10634E

AT LEAST 4 POSITIONS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A28-2 (25) VN 2044N 10639E

SITE IS UNOCCUPIED.

25X1D
HAI PHONG SAM SITE A29A-2 (37) VN 2853N 10631E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE B33-2 (38) VN 2187N 18631E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE B06-2 (47) VN 2058N 18651E
IDENTIFICATION ONLY.

HAI PHONG SAM SITE C32-2 (50) VN 2106N 18623E
IDENTIFICATION ONLY.

HAI PHONG SAM SITE C32A-2 (59) VN 2106N 18622E
SITE IS UNOCCUPIED.
HAI PHONG SAM SITE A23-2 (66) VN 2045N 10635E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A33-2 (71) VN 2056N 10636E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE C39-2 (72) VN 2101N 10619E
AT LEAST 3 LAUNCH POSITIONS ARE UNOCCUPIED.

HAI PHONG SAM SITE C28-2 (73) VN 2053N 10617E
SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A02-2 (85) VN 2056N 10642E
SITE IS UNOCCUPIED.

HAI PHONG SAM SUPPORT FACILITY VN 2050N 10635E
FACILITY CONSISTS OF 1 DRIVE-THROUGH BUILDING, 5 DESTROYED/DISMANTLED BUILDINGS, AND 2 SUPPORT BUILDINGS. NO MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED.

HAI PHONG SAM SITE A33A-2 (93) VN 2054N 10638E
SITE CONSISTS OF 6 OCCUPIED LAUNCH POSITIONS AND AN OCCUPIED CENTRAL GUIDANCE AREA.
Approved For Release 2000/04/17: GLLPRP78B04560A005800010027-6

BLACK SHIELD X881, 31 MAY 1967

R-112/67

25X1D

6 SA-2 MISSILES AND GUIDANCE RADAR.

25X1D

HAI PHONG SAM SITE D02-2 (69) VN 2025N 10601E

IDENTIFICATION ONLY.

25X1D

THANH HOA SAM SITE D03-2 (79) VN 2021N 10604E

IDENTIFICATION ONLY.

25X1D

THANH HOA SAM SITE D04A-2 (112) VN 2020N 10611E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE B38A-2 (43) VN 2108N 10535E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE A17A-2 (45) VN 2052N 10554E

SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES, AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

DO -- 4 SA-2 MISSILES AND 1 PROBABLE FANG SONG RADAR WITH ASSOCIATED VANS.

25X1D

HA NOI SAM SITE B33-2 (64) VN 2110N 10544E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.
OB -- 6 SA-2 MISSILES AND A PROBABLE FAN SONG RADAR AND ASSOCIATED VANS.

HA NOI SAM SITE D33-2 (75)  
SITE IS UNOCCUPIED.

HA NOI SAM SITE C13-2 (81)  
SITE IS UNOCCUPIED.

HA NOI SAM SITE C11-2 (84)  
ONLY 2 LAUNCH POSITIONS AND CENTRAL GUIDANCE AREA OBSERVED. THE 2 POSITIONS ARE OCCUPIED BY UNIDENTIFIED OBJECTS. CENTRAL GUIDANCE AREA CONTAINS 5 VANS AND A PROBABLE FAN SONG RADAR.
OB -- PROBABLE FAN SONG RADAR AND 5 ASSOCIATED VANS.

HA NOI SAM SITE C12-2 (88)  
SITE IS UNOCCUPIED.

HA NOI SAM SITE C30D-2 (92)  
IDENTIFICATION ONLY.

HA NOI SAM SITE B87-2 (95)  
SITE IS UNOCCUPIED.
HA NOI SAM SITE D86-2 (185)
Identification only.

HA NOI SAM SITE B34-2 (117)
VN 2114N 10544E
Identification only.

HAI PHONG SAM SITE A27-2 (99)
VN 2051N 10637E
Site consists of at least 2 occupied revetted launch positions with probable missiles, and an occupied central guidance area.
08 -- 2 probable SA-2 missiles and a guidance radar.

HAI PHONG SAM SITE B34-2 (184)
VN 2104N 10634E
Site is unoccupied.

HAI PHONG SAM SITE A06-2 (135)
VN 2056N 10648E
Identification only.

HAI PHONG SAM SITE A14-2 (137)
VN 2049N 10643E
Identification only.
HAI PHONG SAM SITE B068-2 (139) VN 2057N 10651E
IDENTIFICATION ONLY

25X1D

HAI PHONG SAM SITE D22-2 (152) VN 2024N 10624E
IDENTIFICATION ONLY

25X1D

HAI PHONG SAM SITE C21-2 (157) VN 2024N 10630E
SITE IS UNOCCUPIED

25X1D

HAI PHONG SAM SITE D23-2 (174) VN 2028N 10614E
AT LEAST 3 POSITIONS UNOCCUPIED

25X1D

HA NOI SAM SITE B17A-2 (118) VN 2051N 10555E
SITE RETURNED TO CULTIVATION

25X1D

HA NOI SAM SITE B01-2 (119) VN 2117N 10553E
SITE CONSISTS OF 5 OCCUPIED LAUNCH POSITIONS WITH MISSILES, 1 UNOCCUPIED LAUNCH POSITION, AND AN OCCUPIED GUIDANCE AREA.
QM -- 5 SA-2 MISSILES AND A GUIDANCE RADAR

25X1D

HA NOI SAM SITE A33-2 (125) VN 2109N 10546E
SITE IS UNOCCUPIED
HA NOI SAM SITE D36A-2 (126) VN 2135N 10550E
IDENTIFICATION ONLY.

HA NOI SAM SITE B35-2 (132) VN 2112N 10548E
SITE RETURNED TO CULTIVATION.

HA NOI SAM SITE A01-2 (133) VN 2107N 10552E
FIVE POSITIONS OCCUPIED BY LAUNCHERS WITH MISSILES, AND
1 UNOCCUPIED POSITION. GUIDANCE AREA CONTAINS PROBABLE
FAN SONG RADAR AND AT LEAST 2 VANS.
DB -- 5 SA-2 MISSILES AND A FAN SONG RADAR.

HA NOI SAM SITE C03A-2 (141) VN 2119N 10602E
IDENTIFICATION ONLY.

HA NOI SAM SITE A14-2 (142) VN 2056N 10558E
IDENTIFICATION ONLY.

HA NOI SAM SITE B07A-2 (148) VN 2109N 10608E
SITE IS UNOCCUPIED.
HA NOI SAM SITE C17-2 (147)          VN 2036N 10601E
SITE IS UNOCCUPIED.

HA NOI SAM SITE A31-2 (159)          VN 2104N 10546E
SITE CONSISTS OF AT LEAST 5 OCCUPIED LAUNCH POSITIONS
WITH POSSIBLE MISSILES AND AN OCCUPIED GUIDANCE AREA.
DB -- 5 POSSIBLE SA-2 MISSILES AND GUIDANCE 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 IS UNOCCUPIED.

HA NOI SAM SITE C17B-2 (165)         VN 2033N 10600E
SITE IS UNOCCUPIED.

HA NOI SAM SITE C16-2 (166)          VN 2041N 10605E
SITE IS UNOCCUPIED.

HA NOI SAM SITE D36B-2 (168)         VN 2134N 10546E
SITE IS UNOCCUPIED.
HA NOI SAM SITE D13-2 (104)

SITE IS UNOCCUPIED.

VINH LINH SAM SITE A25-2 (177)

SITE IS UNOCCUPIED.

VINH LINH SAM SITE A26-2 (187)

SITE IS UNOCCUPIED.

YU-LIN COASTAL DEFENSE AND RADAR SITE

3.5 NM SW OF YU-LIN ON LU-HUI-TOU CHIAO (POINT). SITE CONSISTS OF TWO 4-GUN UNOCCUPIED COASTAL DEFENSE POSITIONS AND 2 RADAR PADS. COASTAL DEFENSE POSITIONS ARE ON SOUTHERN SLOPE OF HILL. EASTERNMOST POSITIONS ARE UNDER CONSTRUCTION WITH ADITS TO THE REAR. WESTERNMOST POSITIONS ARE COMPLETE WITH COVERED FIRING POSITIONS. RADAR PADS ARE ON TOP OF THE HILL. TWO SMALL SUPPORT BUILDINGS AND AN OCCUPIED 4-GUN LIGHT AAA SITE ARE ADJACENT TO SUPPORT AREA CONTAINING 1 ADMINISTRATION, 15 BARRACKS, 1 MESSHALL, AND 17 SUPPORT BUILDINGS. SITE IS WEST OF THE RADAR PADS. FOUR ADITS ARE JUST SOUTH OF THE SUPPORT AREA.

OB -- 4 LIGHT AAA PIECES, 4 CARGO TRUCKS, AND 1 LARGE UNIDENTIFIED PIECE OF EQUIPMENT BEING TOWED TOWARD THE COASTAL DEFENSE SITE UNDER CONSTRUCTION.

HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AR VN 2856N 10628E

NO COMOR NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.
Air Facilities
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<td>CH</td>
<td>1829N 10959E</td>
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Approved For Release 2000/04/17: OIR/DP78B04560A005800010027-6
HOA LAC AIRFIELD

IDENTIFICATION ONLY.

25X1D

HA NOI HELICOPTER DISP AREA

HELICOPTER DISPERSAL AREA LOCATED 3.8 NM NORTH OF HA NOI ON NORTH BANK OF RED RIVER FROM TO

25X1D

CONTAINS AT LEAST 5 HOOK. A ROAD AND SMALL PARKING AREA ON THE NORTH SIDE OF THE AREA SERVES AS A PROBABLE TRANSSHIPPING POINT.

08 -- 5 HOOK.
NAVAL ACTIVITY/PORTS

YU-LIN NAVAL BASE AND PORT

LOCATED AT SE EDGE OF YU-LIN.

25X1A

YU-LIN NAVAL BASE AND SHIPYARD, BE ---

FACILITIES INCLUDE 2 WHARVES, 2 MARINE RAILWAYS (EACH
WITH 3 WAYS), A FLOATING SHEARLEG CRANE AND NUMEROUS
SUPPORT BUILDINGS.

25X1A

YU-LIN PORT FACILITIES, BE --- FACILITIES
INCLUDE A PIER, A QUAY (WITH 4 TEMPORARY HORIZONTAL POL
TANKS), SEVERAL SUPPORT BUILDINGS, AND A GRAVING DOCK
UNDER CONSTRUCTION (APPARENTLY COMPLETELY EXCAVATED
WITH PROBABLE FOOTTINGS/PILINGS IN POSITION NEAR THE
CENTER OF THE EXCAVATION).

OB --- 1 KIANGNAN DE UNDERWAY APPROXIMATELY 3 NM SOUTH
OF YU-LIN HEADING SOUTH.

AT NAVAL BASE --- 3 KRONSHTADT-CLASS PC, 3
SHANGHAI-CLASS PTF, 11 POSSIBLE P-4-CLASS PT, 1 U.S.
LST-1 LST, AND 5 SMALL CRAFT.

AT PORT FACILITY --- 8 SHANGHAI-CLASS PTF (2 MOORED IN
ROADSTEAD), 1 POSSIBLE COMBATANT MOORED IN ROADSTEAD, 3
SMALL CRAFT, AND 4 CONSTRUCTION SUPPORT BARGES AT
GRAVING DOCK AREA.

HAI PHONG: PORT FACILITIES

VESSELS --- FOLLOWING DRY CARGO VESSELS OBSERVED IN PORT
AREA --- 4 LARGE AND 5 SMALL CARRIERS, AND NUMEROUS
BARGES. TEN DRY CARGO SHIPS (3 LARGE HATCH) AND 2 POL
TANKERS OBSERVED IN ROADSTEAD.

OB --- 1 PROBABLE SHANGHAI PTF, 1 J-TYPE
TRAILER/MINESWEEPER, 1 SO-1 SC WITH DECK AWASH AT NAVAL
BASE PIER, AND NUMEROUS UNIDENTIFIED SMALL CRAFT.
Military Activity
HO-KOU ARMY BARRACKS NORTH
CH 2232N 10357E
1.9 NM NORTH OF HO-KOU.
MAIN AREA CONTAINS APPROXIMATELY 35 BUILDINGS. TWO
VEHICLE PARKS LOCATED 2.2 NM WEST AND 1.7 NM WEST OF
THE MAIN AREA CONTAIN A TOTAL OF 16 BUILDINGS.
DB -- 10 PROBABLE CARGO TRUCKS.

LING-SHUI POSSIBLE MILITARY BARRACKS AREA
CH 1031N 11002E
IDENTIFICATION ONLY.

LING-SHUI MILITARY TRAINING AREA
CH 1028N 10958E
LOCATED 2.5 NM SW OF LING-SHUI.
BARRACKS AREA APPEARS TO BE ASSOCIATED WITH LING-SHUI
AIRFIELD

TSA-TI-PAO ROAD
CH 2302N 10341E
ROAD OBSERVED FROM 2253N 10333E TO THE NORTH VIETNAM
BORDER AT 2230N 10358E. ROAD IS COMPLETE AND
OPERATIONAL. NO NEW CONSTRUCTION OR VEHICLES OBSERVED.

HA NOI/LAO CAI RR SEGMENT 1
VN 2220N 10410E
TWENTY FIVE PIECES OF ROLLING STOCK AND 1 LOCOMOTIVE
OBSERVED AT 222000N 10410E AND 12 PIECES OF ROLLING
STOCK ON SIDINGS AT 2225N 104038E.
RAIL LINE OBSERVED FROM 2132°N 105°28'E TO 2128°N 105°06'E. QUALITY OF PHOTOGRAPHY PRECLUDES DETERMINATION OF SERVICEABILITY OF RAIL LINE.

LINE APPEARS SERVICEABLE FROM 2108°N 105°52'E TO 2112°00'N 105°45'E.
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**June 1967**  
**Sec. Class. Location**: UNCLASSIFIED