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~~SECRET KIMBO~~

NSA25X3

1964 OCT 12 PM 12 57

ZCZCZDA212LDA227COLA500DLS050DLA852KRD785

KRD785
PR [redacted]
DE [redacted] 3 12/0229Z OCT
ZKZK PP NRL DE
P 120230Z
FM COMNAVFORJAPAN
TO CINCPACFLT
INFO CNO
COMSEVENTHFLT
CTF 72
[redacted]/PACOM ELINT CENTER
USN 27
[redacted]
ZEM
~~S E C R E T KIMBO~~
PRELIMINARY ALL SOURCE EVALUATION MADDOX PATROL ~~(C)~~
A. CINCPACFLT 130157Z AUG 63 (NOTAL)
B. CNO 212021Z SEP 64 (NOTAL)
1. IAW REFS A AND B PRELIMINARY ALL SOURCE EVAL OF MADDOX JULY-AUGUST 1964 DESOTO PATROL COLLECTION RESULTS IS SUBMITTED.
2. SUMMARY: (A) COMINT. THREE AND POSSIBLY FOUR DRV COASTAL OBSERVATIONS POSTS (COP'S) POSSESSING RADAR TRACKING AND REPORTING CAPABILITY WERE LOCATED. NO SIGNIFICANT UNIQUE [redacted] COMINT WAS INTERCEPTED.
(B) ELINT. TAKE TOTALED 33 SIGNALS OF WHICH 15 WERE FRIENDLY, 10 DRV LANDBASED AND 8 UNDETERMINED PLATFORMS.
(C) APPROX. 120 RADARSCOPE PHOTOS WERE TAKEN OF THE COAST FROM 17N TO 20N. APPROX 260 35MM PHOTOS WERE TAKEN OF COASTLINE, POSS ECM SITES, SMALL FISHING BOATS AND THE 2 AUG PT ATTACK. PHOTO CONDITIONS GEN POOR DUE TO HAZE.
3. COMMENTS:
A. COMINT.
(1) DURING THE PERIOD 31 JULY - 10 AUGUST A COMBINED TOTAL OF APPROX 458 [redacted]-MSGS AND 759 TRACKING MSGS WERE INTEGEEPTED BY USN 27, USN 27J AND USN 467N. OF THE TOTAL, USN 467N INTERCEPTED 33 UNIQUE [redacted] MSGS (ALL OF WHICH WERE OF CONTRIBUTARY RATHER THAN SINGULAR SIGNIFICANCE), 121 UNIQUE TRACKING MSGS WHICH REFLECTED THE DESOTO PATROL THRU 7 AUG, AND 4 UNIQUE TRACKING MSGS WHICH REFLECTED US CARRIER-BASED AIRCRAFT ON 5 AUG. MUCH OF THE TRACKING CONTRIBUTED SIGNIFICANTLY TO JOINING SCATTERED SIGHTINGS INTO CONTINUOUS TRACKS.
(2) ALTHOUGH IDENTIFICATION AND ANALYSIS INCOHYLETE, MOST SIGNIFICAE
TECH DATA THUS FAR NOTED WAS INTERCEPT FROM C/S ZSLH ON VHNB 50109 WHICH DUPLICATED TFC FROM C/S 9WPU (MY DUC) ON VHNB 50109. DUPLICATION OF TFC ON BOTH TRACKING AND OP NET SERVED TO CO-LOCATE TWORCTATIONS AT MY DUC. PRIOR TO RECEIPT OF USN 467N INTERCEPT, C/S ZSLH UNEQUATED.
(3) ANALYSIS OF A DRV SURFACE RADAR TRACKING CODE USED TO TRACK THE USS MADDOX BEGINNING 31 JULY HAS LOCATED THREE AND

ENCLOSURE

COLL NEW LOCATES RADAR SITES IN THE VICINITIES OF MY DUC
[illegible] 105-56E), CAPE ST. ANNE .31/738
[illegible], AND VINH SON
(17-57N 106-56E), A COP POSS LOCATED ON HON MATT ISLAND
(18-[illegible]N 105-56E) ALSO REPORTED THE MOVEMENT OF THE MADDOX BUT ITS OBSERVATIONS WERE USUALLY LIMITED TO LESS THAN 25 NAUTICAL MILES AND COULD THEREFORE HAVE BEEN DERIVED FROM VISUAL VICE RADAR SURVEILLANCE.

(4) OVERALL QUALITY OF USN 467N INTERCEPT EXCELLENT.

B. ELINT.

(1) ON 3 AUG THE ECM GEAR ON MADDOX LOST ITS SENSITIVITY AND WAS OF USE ONLY FOR STRONG SIGNALS DURING REMAINDER OF PATROL. OF MORE THAN GENERAL INTEREST WAS THE VISUAL SIGHTING OF A PROBABLE DF SITE SIMILAR TO BUT SMALLER THAN A THICK EIGHT, LOCATED ON NUI TRUONG POINT.

(2) NO LANDBASE FIRE CONTROL OR SURFACE SURVEILLANCE TYPE RADARS (SKIN HEAD OR SO TYPE) ARE INCLUDED IN THE INTERCEPT REPORT. SUSPENSE SITE 027-S1237 (FIRECAN) WAS POSS CONFIRMED BY VISUAL SIGHTING AND SKETCH. QUALITY OF INFO SUBMITTED AND LACK OF ELINT CORRELATION PRECLUDES POSITIVE CONFIRMATION.

(3) POSS NEW RADAR SITE (CROSS SLOT) AT 18-07.2N 106-15.5E VISUALLY REPORTED. LACK OF COLLATERAL INFO OR ELINT INTERCEPTS FOR AREA PRECLUDES POSITIVE CONFIRMATION OR DENIAL OF A RADAR AT THIS LOCATION. REPORTED VISUAL SIGHTINGS WILL BE MAINTAINED FOR CORRELATION WITH ALL-SOURCE INFO RECEIVED IN THE FUTURE. THREE VISUAL SIGHTINGS INDICATE A POSSIBLE NEW RADAR SITE (TYPE UNKNOWN) AT 18-07N 106-4 E. THE PEC HOLDS NO OTHER INFO INDICATING A RADAR AT THIS LOCATION; HOWEVER, SIGHTING REPORTS WILL BE MAINTAINED.

(4) NORMAL EARLY WARNING RADARS SCR-270, RUS, AND KNIFE REY B INTERCEPTED ON NUMEROUS OCCASIONS, BUT SITE CONFIRMATION COULD NOT BE MADE DUE TO LACK OF D/F CAPABILITY [redacted]

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(5) THREE UNIDENTIFIED SIGNALS REPORTED WITH PARAMETERS AS FOLLOWS:

DTG	FREQ	PRF	PW	SCAN RATE
010650Z SEP	144MC	427 PPS	5 UNSEC	UNDET
050411Z SEP	258MC	303 PPS	4 USEC	UNDET

(SIGNAL DISPLAYED PULSE GROUPING OF 20 PGPS WITH 5 PULSES PER GROUP CHANGING TO 10 PULSES PER GROUP INTERMITTENTLY.)

030411Z SEP	4625KC	1870 PPS	UNDET	STEADY

POSSIBLE JAMMING, SIGNAL APPEARS TO BE NORMAL CW (AM) WITH 61 CPS INTERRUPTION RATE.

(6) NO SIGNALS WERE REPORTED THAT COULD BE POSSIBLY ASSOCIATED WITH DRV TORPEDO BOAT ATTACK ON 2 AUG.

C. PHOTO, HYDRO.

(1) RADARSCOPE COVERAGE OF COAST IS EXCELLENT. PHOTOS AT RIVER MOUTHS WERE MADE USING VARIED SCOPE GAIN FOR GREATER DETAIL. PHOTOS OF 2 AUG ATTACK VESSELS CLEARLY IDENTIFIABLE AS P-4'S.

(2) FORTY-SEVEN BT DROPS WERE MADE AND SOUNDINGS/FIXES MADE EVERY QUARTER HOUR FROM 31 JUL UNTIL AFTERNOON 2 AUG.

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