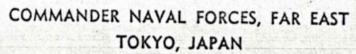
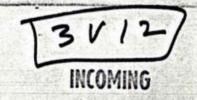


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SECURITY INFORMATION

DEFERRED

FROM: _CNO

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS.

TO : USS PHILIPPINE SEA

DOD DIR 5200.10

INFO: COMNAVFE/COM7THFLT/CTF 77

YOUR Ø3Ø645Z ADDITIONAL INFO REQUESTED X WAS EFFORT MADE
TO PUT SX ON TARGET X WHAT IS RADAR OPERATORS EVALUATION OF TYPE
OF TARGET ON SCOPE X WAS RADAR CONTACT MAINTAINED THROUGH ENTIRE
ARC OF VISUAL OBSERVATION FROM ØØØ TO Ø6Ø X CAN VISUAL OBSERVATIONS BE RECONCILED WITH STATED VISIBILITY AND RADAR RANGE X
RADAR PHENOMENON NOT ENTIRELY NEW EXCEPT FOR CONCURRENT VISUAL
SIGHTING

REF : PHIL SEA Ø3Ø6452: REFER COMNAVE INST ØØ3521.3 X
POSITION 37 44 NORTH 135 3Ø EAST X COURSE 18Ø X SPEED

13 X TIME

TOR : Ø7/Ø224Z

DTG: 062122Z FEB 52

BWC/AFT: Ø7/Ø831Z

CB : 2429

ACTION : 25

INFO : ØØ Ø1 Ø2 Ø3 11 2Ø DCE

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PARAPHRASE NOT REQUIRED 7
CONSULT CRYPTO CENTER BEFORE DECLASSIFYING

T52-115-16

22050-FEC P&PC-1/52-1MN

COMMANDER UNCLASSIFIED TOKYO, JAPAN

INCOMING



SECURITY INFORMATION

DEFERRED

FROM

PHILIPPINE SEA CV 47

TO

CNO/COM7THFLT/CTF 77/COMNAVFE

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200,10

YOUR 0621222 X ATTEMPT TO PUT SX ON TARGET WITH NEGATIVE RESULTS X RADAR OPERATORS EVALUATION, NORMAL TARGET DURING CONTAC APPROACH AND REVERSAL OF COURSE X AS CONTACT OPENED EVALUATION

DOUBTFUL X RADAR CONTACT MAINTAINED ON SCOPE THROUGH ENTIRE ARC. O VISUAL OBSERVATION FROM DOD TO DED X IN VIEW OF EXISTING VISIBILI AND INDICATED RANGE OF CONTACT ON SCOPE ACCURACY OF COINCIDENT

VISUAL SIGHTING WAS DEPENDENT ON EITHER SIZE OR BRILLIANCE OF OBJECT

: CNO. 962122Z: YOUR 939745Z ADDITIONAL INFO REQUESTED X REF WAS EFFORT MADE TO PUT SX ON TARGET X .. ETC ...

Ø8/1833Z

JP/RAG : Ø9/Ø61ØZ

ACTION :

ØØ Ø1 Ø2 Ø3 11 2Ø DCB

Ø8ØØ15Z FEB 52 DTG:

CB: 3186

PARAPHASE NOT REQUIRED CONSULT CRYPTO CENTER BEFORE DECLASSIFYING 22050-FEC PAPC-1/53-1MM

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U. S. S. PHILIPPINE SEA (CV-47)

Care Fleet Post Office San Francisco, California Refer to File No. CV-47/J15 20/DHS/br

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. 1 1 FEB 1952 DOD DIR 5200.10

Serial: 002

Commanding Officer, USS PHILIPPINE SEA (CV-47) From:

Commander Naval Forces, Far East To:

Tracking of Radar Phenomena; information regarding Subj:

(a) ComNavFE Instruction 003521.3 of 8 August 1951 Ref: (b) USS PHILIPPINE SEA dispatch 030645Z of 3 February 1952

(1) Sketch of radar track Encl:

- 1. In compliance with reference (a) the following information pertaining to the tracking and visual sighting of radar phenomena, previously reported in reference (b) is herewith submitted.
- 2. Information required by paragraph 2a of reference (a) is contained in reference (b) and is quoted herewith:

REFER COMNAVEE INST 003521.3 X POSITION 3744N 13030E X COURSE 180 X SPEED 13 X TIME 0219351 X RADAR PHENOMENA APPROACHED FROM 000 TRUE DISTANCE 25 X CLOSED TO 20 COMMENCING WIDE TURN TO EAST THEN OPENING ON HEADING 355 X MEASURED SPEED 10 MILES PER MINUTE FIRST MINUTE 15 MILES PER MINUTE SECOND MINUTE 30 MILES PER MINUTE THIRD MINUTE X OPENED AS 2 CONTACTS 5 TO 12 MILES APART X SPS6B AND SX FUNCTIONING NORMALLY X OBJECT PICKED UP BY SPS6B ONLY X THREE EXHAUST FLAMES SIGHTED VISUALLY AND REPORTED INDEPENDENTLY TO THE BRIDGE BY 3 SIGNAL BRIDGE OBSERVERS AS AIRCRAFT EXHAUSTS BEARING 000 TO 060 TRUE DURING TIME CONTACT REVERSED COURSE X WEATHER VIS 10 MI WITH 5 TENTHS OVC X VISUAL SIGHTING POSITION ANGLE 3 DURING TIME CONTACT WAS HELD ON SCOPE AT 17 MILES X ESTIMATED ALTITUDE 51000 FEET X CONTACTS OPENED ON COURSE 355 FADING AT 110 MILES

- 3. Information as required by paragraph 2b of reference (a) is as follows:
- a. A sketch of the radar track is included in this report as enclosure (1).
- b. At the time of first sighting of the object on the radar scope, the presentation was of normal size and brilliance for an average air contact at that range. At approximately fifty (50) miles range, and at about the time that the contact split, the presentation decreased in size and brilliance. No other air contacts were held at this time. The eastern

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CV47/J15 20/DHS/br Ser 002

1 1 FEB 1952

coast of Korea was clearly visible on the scope at a range of approximately sixty five (65) miles, as was the island of ULLUNG DO, at a range of twenty (20) miles. The only other contact was the escorting DD, bearing 180° T at 2000 yards.

- c. The frequency of the SPS6B radar was 1310 megacycles with a pulse repetition rate of 130 pulses per second. The pulse width was 5 microseconds and the antenna rotation rate was 5 RPM. Range scales used were 80 and 200 miles. Sea return was negligible. Radar was checked and was apparently functioning normally.
 - d. The SPS6B radar does not have a tiltable antenna.
- e. The weather at time of tracking contact was reported to be; visibility ten (10) miles and an overcast of five tenths coverage at three (3) thousand feet. An unsolicited report of visual sighting of three exhaust flames was made by the signal bridge to Conn, at the same time, and, on the same bearing as the contact. The visual contact's tract coincided with the radar track as shown in enclosure (1).
- 4. An evaluation of the phenomena described above has not been determined by this command. Ordinarily such a contact would have undoubtedly been evaluated as radar interference, however, the simultaneous visual sighting, as described above, creates doubt as to the plausibility of such an assumption.

ALLEN SMITH, JR.

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COMMANDER U.S. NAVAL FORCES, FAR EAST

NAVY No. 1165

F.P.O., SAN FRANCISCO, CALIF.

25/GMR/si

8. APR. 1952



CNFE/A8-3

Serial:

00712

From: Commander Naval Forces, Far East

To: Chief of Naval Operations

Subj: Tracking of Radar Phenomena; report on

Encl: (1) Copy of CO USS PHILIPPINE SEA (CV-47) ltr ser 002 of 11 Feb 1952, with track

1. Enclosure (1) is forwarded for information and evaluation. This is probably the first instance of a visual and radar contact on a high speed aerial target being made simultaneously in the Far East.

2. Transmission by United States registered mail or registered guard mil is authorized in accordance with Article 1515, U. S. Navy Regulations, 1948, and Article 0705, U. S. Navy Security Manual for Classified Matter, 1951.

M. R. STONE By direction

Copy to: CINCPACFLT (with encl (1)) COMSEVENTHFLT (with encl (1)) PHILIPPINE SEA (CV-47) DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

Encl (1)

2 1 MAY 18 PM UNCLASSIFIED RECEIVED
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