



NATIONAL SECURITY AGENCY  
WASHINGTON 25, D. C.

Date: 1141  
23 Feb 55

~~TOP SECRET~~

SUBJECT: Report of Communications Security Violations

TO: Chief of Naval Operations (OP-30)  
The Pentagon

1. Attached is the quarterly (October through December 1954) compilation of communications security violations reported to or noted by this Agency which occurred in communications of those Navy stations which handle COMINT traffic. You have been notified of completed evaluations of possible compromises which are reported herein as violations.

2. This report is furnished primarily for guidance in improving the security of COMINT communications. Similar reports are forwarded to Chief, Army Security Agency, and Commander, U.S. Air Force Security Service. Upon request, additional copies of this report will be provided in sufficient quantity for dissemination to those activities under your Command engaged in COMINT operations.

3. Extracts from this quarterly summary may be classified SECRET if the extracts are restricted to lists of violations which involve messages classified no higher than SECRET. For example, the list of violations committed by an activity which originates messages classified no higher than SECRET may be extracted and forwarded to that activity as SECRET material. The key list is SECRET in classification.

4. This correspondence may be downgraded to SECRET upon removal of Inclosure 1.

FOR THE DIRECTOR:

*E. M. Gibson*

E. M. Gibson  
Lt. Col., AGC  
Assistant Adj. Gen.

Declassified and approved for release by NSA on 05-15-2014 pursuant to E.O. 13526

- 2 Incls:
- 1. Communications Security Violations  
by Navy Stations.
- 2. Key List of Navy Violations.

Copy furnished:  
CNO (OP-30G)

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PAGE 1 OF 1 PAGES  
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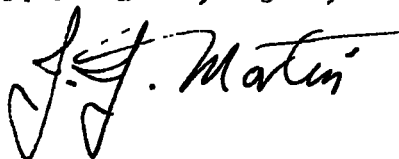
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Serial: 1141  
23 Feb 55

- cc: NSA Europe
- NSA United Kingdom
- NSA Far East
- NSA Alaska
- NSA Pacific
- AG
- C/S
- COMSEC (2)
- S/ASST
- COM
- PROD
- O6B
- 411
- 413

M/R: This is a compilation of communications security violations committed by Navy COMINT stations during October, November, and December 1954. A similar report will be forwarded to Chief, ASA, and COMDR, USAFSS.

J. J. Martin, 4131-1, 60454, pa



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PAGE 1 OF 1 PAGES  
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COMMUNICATIONS SECURITY VIOLATIONS BY NAVY STATIONS

<u>DTG</u>	<u>TRIGRAPH</u>	<u>KEY NO.</u>	<u>REMARKS</u>
<u>USN-11</u>			
<u>OCTOBER</u>			
150500Z	FFF	5a	Broke on BB vice AA
201722Z	QAJ	2d	Broke on YCDNH vice YCDNO
261050Z	QWD	5a	Broke on CC vice DD
<u>NOVEMBER</u>			
020941Z	RUV	2d	Broke on FFQRG vice FFGRG
<u>USN-18</u>			
<u>NOVEMBER</u>			
031900Z	AAV	2a	Broke on LEBGS vice LEBGS
230220Z	AOV	2a	Broke on JXSNQ vice JSXNQ
<u>DECEMBER</u>			
012005Z	ACI	2d	Broke on QATKJ vice QAKTJ
042109Z	ALG	4	Broke using trigraph ALJ
260050Z		3	Broke on LJDZN vice LJZDN
<u>USN-19</u>			
<u>OCTOBER</u>			
052115Z	BEC	2d	Broke on UXLGB vice UXCGB
100805Z	CHT	2c	Broke on OVVAQ vice OVPAQ
<u>NOVEMBER</u>			
080207Z	AET	2d	Broke on JAQJS vice JAQJK
221825Z	CYS	2a	Broke on CIUVR vice CIVUR
<u>USN-20</u>			
<u>DECEMBER</u>			
100210Z	ALR	5a	Broke on BB vice AA
100230Z	ALW	5a	Broke on BB vice AA
100240Z	AMA	5a	Broke on BB vice AA
100300Z	AMC	5a	Broke on BB vice AA

Incl 1

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VIOLATIONS (Cont'd)

<u>DIG</u>	<u>TRIGRAPH</u>	<u>KEY NO.</u>	<u>REMARKS</u>
		<u>USN-27</u>	
		<u>NOVEMBER</u>	
180001Z	DJY	5a	Broke on BB vice AA
300916Z	FLJ	4	Broke using trigraph FLA
		<u>DECEMBER</u>	
211111Z	DZL	1	Broke on PM rotor arrangement

Incl 1

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KEY LIST OF NAVY VIOLATIONS

October, November, & December, 1954

ROTOR ARRANGEMENT

1. Use of a rotor arrangement for an inappropriate cryptoperiod, day, or month. (Reference AFSAG 1262, para 5006a(1))

ROTOR ALIGNMENT AND MESSAGE INDICATOR

2. Discrepancy between the message rotor alignment resulting from decipherment of the message indicator and the message rotor alignment actually required to decipher the message, although the latter was correctly derived. The discrepancy involves (a) transposition of letters, (b) substitution of a letter alphabetically adjacent to the correct letter, (c) substitution of a phonetically similar letter, or (d) errors in encipherment.
3. Failure to tail previously enciphered message. (Reference AFSAG 1262, para 6002a(4))

KEY GROUP

4. The trigraphic key-group indicator in the message indicator did not correspond to the key group actually used for encipherment. Reuse of a key group was not involved. (Reference AFSAG 1262, para 5004b)

MACHINE DESIGNATOR AND MULTISWITCH SETTING

5. The machine designator in the message indicator did not correspond to the multiswitch setting used for encipherment. The messages were (a) correctly enciphered or (b) incorrectly enciphered. (Reference AFSAG 1262, para 6002a(1))

Incl 2

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