



NATIONAL SECURITY AGENCY  
WASHINGTON 25, D. C.

Serial: 000543-S  
13 Dec 54

~~TOP SECRET~~

SUBJECT: Report of Communications Security Violations

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

1. Attached is the quarterly (July through September) compilation of communications security violations reported to or noted by this Agency which occurred in communications of those Navy stations which handle COMINT traffic. Your Office has 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  
Lt Col. AGC  
Asst. 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.

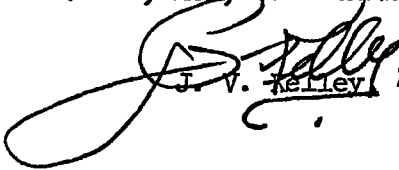
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CNO (OP-302)

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cc: NSA Europe  
 NSA United Kingdom  
 NSA Far East  
 NSA Alaska  
 NSA Pacific  
 AG  
 C/S  
 COMSEC (3)  
 S/ASST  
 COM  
 PROD  
 O6B  
 411  
 412  
 413

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

  
 J. V. Kelley 4131-2, 60454/pa

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~~TOP SECRET~~COMMUNICATIONS SECURITY VIOLATIONS BY NAVY STATIONS

<u>DTG</u>	<u>TRIGRAPH</u>	<u>KEY NO.</u>	<u>REMARKS</u>
<u>USN-11</u>			
<u>JULY</u>			
191333Z	EPD	2d	Broke on DZDJX vice DRDJX
270833Z	FSR	2b	Broke on UCACQ vice UCACR
<u>AUGUST</u>			
071404Z	DYN	2d	Broke on MEHGG vice MOMGG
071436Z	DYU	2d	Broke on ZDHSG vice ZDVSG
160930Z	FIJ	4a	Broke on AA vice DD
260510Z	GWZ	2c	Broke on FMUQG vice FMUQC
270043Z	HAC	2d	Broke on SQTZX vice SQAZX
281125Z	ITJ	4a	Broke on DD vice AA
300947Z	HNI	4a	Broke on BB vice AA
<u>SEPTEMBER</u>			
041235Z	ILX	4a	Broke on AA vice BB
042155Z	INX	2b	Broke on YVWYQ vice YVXYQ
082156Z	DWW	2d	Broke on ZKYDH vice ZXLDH
140747Z	HFR	2a	Broke on NHPOO vice NPHOO
150200Z	KIR	2d	Broke on PWSTR vice PWBTR
150248Z	GGG	2d	Broke on YEPUX vice YEPUM
172133Z	KVZ	2b	Broke on SILMI vice SHIMI
202205Z	LIN	4a	Broke on CC vice DD
210241Z	LIZ	2d	Broke on VZLKE vice VHLKE
240521Z	LXE	2c	Broke on GCVVN vice GCZVN
271904Z	MEK	2b	Broke on APUQF vice APVQF
<u>USN-12</u>			
<u>SEPTEMBER</u>			
151500Z	ABF	1	Broke on AM rotor arrangement
<u>USN-13</u>			
<u>AUGUST</u>			
030340Z	AVB	2d	Broke on GNZOU vice GNZOB
150410Z	FNH	2d	Broke on AQWMU vice SQWMU

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<u>DTG</u>	<u>TRIGRAPH</u>	<u>KEY NO.</u>	<u>REMARKS</u>
<u>USN-14</u>			
<u>AUGUST</u>			
110130Z	BKP	2d	Broke on FWFJM vice SEFJM
261550Z	ECD	2b	Broke on <u>ECLIF</u> vice ECLKF
<u>USN-18</u>			
<u>AUGUST</u>			
031600Z	ADK	2d	Broke on JVEPV vice FVBPV
282202Z	ATM	3	Broke using trigraph AYM
<u>USN-19</u>			
<u>JULY</u>			
211055Z	DQA	2d	Broke on FJDNE vice FJDNH
<u>SEPTEMBER</u>			
151940Z	CPV	2d	Broke on RXAGR vice GXAGR
301842Z	EQB	2d	Broke on VBDHE vice VBDZE
<u>USN-20</u>			
<u>AUGUST</u>			
120002Z		4a	Broke on BB vice AA
120015Z		4a	Broke on BB vice AA
120022Z		4a	Broke on BB vice AA
120157Z		4a	Broke on BB vice AA
120203Z		4a	Broke on BB vice AA
<u>SEPTEMBER</u>			
130046Z	ALB	2d	Broke on RHEOQ vice RHEVQ
<u>USN-26</u>			
<u>SEPTEMBER</u>			
030100Z	BAE	2d	Broke on HCXYL vice HCXUL

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<u>DTG</u>	<u>TRIGRAPH</u>	<u>KEY NO.</u>	<u>REMARKS</u>
<u>USN-27</u>			
<u>SEPTEMBER</u>			
051402Z	AOK	1	Broke on AM rotor arrangement Broke on AYKAT vice AYKJT
132014Z	BTE	2d	
<u>USN-39</u>			
<u>JULY</u>			
170152Z	QQP	2d	Broke on CIXGT vice CIXLT Broke on BIGUK vice BIQUK
272041Z	RJU	2d	
<u>USN-40</u>			
<u>AUGUST</u>			
240156Z	ARA	2d	Broke on KDHCW vice ZSHCW

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KEY LIST OF NAVY VIOLATIONS

July, August, September, 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.

KEY GROUP

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

MACHINE DESIGNATOR AND MULTISWITCH SETTING

4. 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))

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