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Serial: 000538-S
8 Dec 54

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SUBJECT: Report of Communications Security Violations

TO: Chief, Army Security Agency
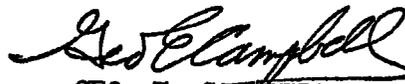   The Pentagon

    1. Attached is the quarterly (April through June 1954) compilation of communications security violations reported to or noted by this Agency which occurred in communications of those Army 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 Commander, U. S. Air Force Security Service and Chief of Naval Operations. 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:

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[signature]

GEO. E. CAMPBELL
Colonel   AGC
Adjutant General

</div>

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

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PAGE   1   OF   1   PAGES
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Serial: 000538-S
8 Dec 54

cc:

NSA Pacific
NSA Europe
NSA United Kingdom
NSA Far East
NSA Alaska
AG
C/S
COMSEC (3)
S/ASST
COM
PROD
06B
411
412
413

M/R: This is a compilation of communications security violations committed by Army COMINT stations during April, May, and June 1954. A similar report will be forwarded to Commander, USAFSS, and Chief of Naval Operations. 40 copies furnished ASA.

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

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PAGE 1 OF 1 PAGES
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COMMUNICATIONS SECURITY VIOLATIONS BY ARMY STATIONS

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-2
			MAY
280240Z		3d	Broke on YMSSE vice YMSSR
280422Z		3b	Broke on HNZSM vice INZSN
			JUNE
290840Z		3d	Broke on GNINL vice JNINL
			USM-3
			APRIL
021203Z	AJQ	1	Broke on AM rotor arrangement
021203Z	AKF	1	Broke on AM rotor arrangement
092250Z	CKW	3d	Broke on MXUJU vice MXUJG
100700Z	UES	3d	Broke on MBEZN vice MBHZN
120650Z	CZE	3d	Broke on UAIFY vice WAIFY
160910Z	EUH	3c	Broke on RPYCK vice RTYCK
180014Z	FKL	3d	Broke on NZTUH vice NZTJH
180320Z	UNX	3d	Broke on ZPXMU vice ZPXMJ
240645Z	HVK	3d	Broke on BVMZL vice UVMZL
260626Z	IJP	3d	Broke on XXWSF vice PXWSF
			MAY
010530Z	ACM	14	Slow rotor failed to step after counter reading 370
021845Z	AVG	3b	Broke on TKDCZ vice TKDCA
060854Z	BWK	10a	Broke on BB vice AA
060854Z	BWV	10a	Broke on BB vice AA
081310Z	VJI	3d	Broke on WIBXH vice AIBXH
130212Z	EDF	3d	Broke on YUWKP vice YUWKU
141210Z	VOT	1	Broke on AM rotor arrangement
190050Z	GMJ	3d	Broke on WAKCN vice WMACN
200038Z	GOH	3d	Broke on JUYEM vice JUYXM
230412Z	HIN	3d	Broke on OOWID vice OORDD
30 May		12	4 P/L words punched at end of encrypted tape.
310255Z	JCO	3d	Broke on LEAET vice HEAET

VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-3 (Cont'd)
			JUNE
070830Z	CXD	3c	Broke on BHZEU vice BHEEU
230530Z	GSD	3d	Broke on XVZFP vice XVZFK
280430Z	HOW	3d	Broke on CDPZS vice CDPZH
301845Z	HZY	3d	Broke on OHHGG vice OHHRG
			USM-4
			APRIL
022007Z	XWR	3d	Broke on TAAPK vice TAAUK
030532Z		14	Fifth Alphabet rotor failed to step one time at counter reading 1400 in part two of MSG
091915Z	ZLW	3d	Broke on NNPTT vice NNPTQ
100549Z	ZOU	3d	Broke on PZGLF vice PZGLH
102349Z	ZVF	3d	Broke on SQFAZ vice SQFYZ
112005Z	ABS	3d	Broke on JPVTG vice JPQTG
132020Z	AOI	3c	Broke on DQSCV vice PQSCV
141455Z	ATK	3d	Broke on TICVT vice TIFIT
160220Z	EMU	3d	Broke on SBLAZ vice SXLAZ
191445Z	BVB	3c	Broke on PTRNB vice PTRNE
250205Z	DFE	3d	Broke on YLVMU vice YLVMH
272335Z	DSE	3d	Broke on EPFUL vice EPFUY
280350Z	DUR	3b	Broke on KHGDE vice KIGDE
281030Z	DWQ	3c	Broke on URMZFW vice QMZFW
			MAY
040055Z	EZO	3d	Broke on AZROF vice AZROA
040610Z	FBB	3d	Broke on XFPJX vice XEPJJ
040635Z	FAZ	3d	Broke on OQNZV vice DQNZV
052205Z	FKV	3d	Broke on MUWUZ vice MUMUZ
080340Z	GCX	3d	Broke on ALGTS vice YLGTS
090001Z	IQK	3d	Broke on KRKQH vice KGKQH
102127Z	G?P	3d	Broke on XUJME vice XUJMR
121550Z	HCR	3d	Broke on RQENC vice KQENC
122229Z	HFB	3d	Broke on VYWVO vice NYWVO

VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-4 (Cont'd)
			MAY (Cont'd)
140724Z	HQB	3d	Broke on VYJHS vice PEWNK
151650Z	HYG	3d	Broke on RVPSA vice RVPGA
190005Z	IQO	14	Random rotor overstepped at counter reading 0229
210345Z	JEI	3d	Broke on XXTOL vice XXTCL
250735Z	KFD	3d	Broke on VAVNX vice VVVNX
271205Z	KVQ	3d	Broke on MOKXG vice YOKXG
			JUNE
010225Z	LXM	3d	Broke on KZFQK vice KZKQK
031707Z	MPA	10a	Broke on BB vice AA
040900Z	MUO	3d	Broke on RUPBF vice RIDBF
102135Z	OXB	3a	Broke on TRFMT vice TRMFT
160654Z	QKP	3a	Broke on TFYSY vice TFSYY
161948Z	QOE	3d	Broke on AWRHE vice AWRLE
200707Z	RPI	14	Random rotor failed to step at counter readings 565 and 1140
200730Z	RPM	14	Random rotor failed to step at counter reading 0006
201205Z	RQS	3c	Broke on UDTKG vice UGTKT
220245Z	SAB	3d	Broke on QLYLY vice QLYIK
230008Z	SGE	14	Random rotor failed at counter readings 3760, 3761, and 3787
230330Z	SIO	3c	Broke on ZDVMT vice ZGVMT
251755Z	TBX	3b	Broke on RZZIX vice RYZIX
292243Z	UDN	3d	Broke on BWKOH vice BWKEH
300315Z	UEP	3d	Broke on SOPBS vice SOPBX
300543Z	UFH	3d	Broke on ZSGUD vice ZSGUK
			USM-5
			MAY
102315Z	ARD	3d	Broke on JNQMX vice JNOMX

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VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-7
			APRIL
120034Z	CKI	3d	Broke on EFZPP vice IFZPP
141959Z	CXG	3a	Broke on TABBU vice TBBAU
161627Z	DGY	3d	Broke on APFGY vice APXGY
201345Z	DXT	9	Broke using trigraph DXZ
211615Z	EEZ	3b	Broke on RNMCO vice RNNCO
272114Z	FLS	3d	Broke on KCSQO vice KCSQF
			MAY
031430Z	BAG	3d	Broke on LYYAO vice LNYAO
060325Z	BMN	14	Random rotor overstepped at counter reading 2368
082017Z	CHQ	3d	Broke on ZUNLE vice ZWNLE
092128Z	CPQ	3d	Broke on XYGBA vice XYIBA
121914Z	DNQ	3d	Broke on OUDUH vice OLDUH
140506Z	DXC	3a	Broke on HTEUV vice THEUV
			USM-9
			APRIL
010233Z	GPR	3b	Broke on BSPAE vice BSQAE
030047Z	HEF	3b	Broke on OUAPD vice PUAPD
070648Z	ILO	3d	Broke on OOVJS vice ROVJS
072150Z	IQJ	3d	Broke on VVGMI vice VVYMI
091525Z	JCX	3d	Broke on QENTJ vice QENTW
110440Z	JNN	3d	Broke on MFXLC vice MPXTC
111927Z	JQO	3d	Broke on XDJIP vice XDQIP
131553Z	KDW	3c	Broke on FHYWB vice PHIWB
150357Z	KNO	3d	Broke on EMUKK vice EVUKK
160200Z	KTO	3d	Broke on MYUTW vice MYCTW
172027Z	LHH	3c	Broke on XCIIB vice XGIIB
181512Z	LMN	3a	Broke on LYCIQ vice LYICQ
200155Z	LTJ	3d	Broke on CYQOU vice CLQOU
231420Z	MRZ	3d	Broke on BVEEC vice BSEEC
241306Z	MZX	9	Broke using trigraph MXZ

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VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-9 (Cont'd)
			APRIL (Cont'd)
261428Z	NKF	3d	Broke on ERWVF vice FROVF
280715Z	MUT	9	Broke using trigraph NVT
			MAY
040525Z	PFO	3d	Broke on HXSGA vice WXSGA
042220Z	PJX	10a	Broke on BB vice CC
091728Z	QRY	3c	Broke on MNKGC vice MNKCC
130527Z	RMH	3d	Broke on QGCXE vice QGCXK
210348Z	SWE	3a	Broke on TJXOZ vice TJOXZ
232155Z	TFA	3d	Broke on YKMOY vice YSMOY
261410Z	TPX	3d	Broke on UUVGW vice LUVGW
300130Z	VEM	3b	Broke on QFFUN vice QEFUN
311441Z	UMC	9	Broke using trigraph UME
			JUNE
010333Z	UPX	3d	Broke on DRKYA vice DRKYE
020300Z	ABS	3d	Broke on EKFQS vice IKPQS
100810Z	WAD	3d	Broke on KUXRG vice KSXRG
111604Z	WFV	3d	Broke on MRSYU vice MPSYU
160208Z	WVX	3d	Broke on AGGIQ vice AGGIO
172345Z	XEW	3c	Broke on JNDGY vice JNDCY
191252Z	XOA	3d	Broke on UUHKI vice UUEKI
222345Z	YBE	10a	Broke on AA vice BB
260145Z	YPW	3a	Broke on RGFNH vice RGNFH
280230Z	YZO	3d	Broke on RXVSX vice RXVSV
290836Z	ZFM	6	Deciphered to KNWOJ broke on KNOWJ
300500Z	ZJJ	3d	Broke on WNCSD vice WMCED
			USM-30
			APRIL
091140Z	ELI	3d	Broke on URSBA vice UXSBA
161720Z	GEN	3d	Broke on HQPNP vice HGPNP
260500Z	ICM	9	Broke using trigraph ICH

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VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-30 (Cont'd)
			APRIL (Cont'd)
270640Z	IHN	3d	Broke on MTUGK vice MTFGK
			MAY
021630Z	AJS	3b	Broke on FSNGW vice ESMGW
040700Z	AUU	3d	Broke on IMZBX vice IMUBX
140320Z	COR	3d	Broke on TYSYO vice TRSYO
161300Z	CXT	3d	Broke on ZARIU vice ZARIF
170530Z	DBO	3d	Broke on ROAZS vice ROAZJ
190430Z	DHD	3d	Broke on CFFTY vice KFFTY
191615Z	DIH	3d	Broke on VXCWP vice VXCXU
191630Z	DIO	3b	Broke on IOWWC vice IOWVC
280455Z	EJS	3d	Broke on KLGGD vice KBGGD
281215Z	EKH	3d	Broke on MODRN vice WODRN
281215Z	EKD	3a	Broke on IWRYJ vice IWYRJ
			JUNE
030530Z	AMZ	3d	Broke on EFAHY vice EFAHH
030530Z	ANT	3d	Broke on JCTFC vice JFTFC
070910Z	BIE	3d	Broke on HYKMN vice HYCMN
271210Z	FJJ	3d	Broke on GHYJX vice GHYJK
			USM-31
17 April		12	Switch was in text position
			USM-32
19 April		13	Caused by mechanical failure
			USM-35
			APRIL
170215Z	BEO	3d	Broke on QRJHA vice QRJCA
180005Z	BGB	3d	Broke on IEXYS vice IEQYS
300300Z	CMB	3b	Broke on PVBBD vice PVBBE

VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-35 (Cont'd)
			MAY
240005Z	BYV	3c	Broke on JGPJI vice JGVJI
			JUNE
261445Z	EHR	3d	Broke on YSUSB vice QSUSB
			USM-36
			APRIL
010420Z	AGA	3d	Broke on XJVXR vice XOVXR
011000Z	AOC	3d	Broke on LEUBC vice LHUBC
011750Z	AWR	3c	Broke on YGFHC vice YBFHC
020020Z	BAS	3d	Broke on YQZHV vice HQZHV
020050Z	BBU	3d	Broke on TSMUB vice TJMUB
020350Z	BJY	3d	Broke on ZMUNW vice ZMHNW
021500Z	BTJ	3b	Broke on STASD vice SSASD
021620Z	BXU	3d	Broke on UGVUE vice DGVUE
031105Z	CKT	3b	Broke on HCQKH vice HCRKH
040800Z	DNQ	3c	Broke on KFHHU vice AFHHU
041000Z	DOM	3d	Broke on XZZUD vice PZZUD
041440Z	DQJ	10a	Broke on BB vice AA
051100Z	DVL	3d	Broke on WTBYN vice WTBYF
061920Z	ELW	3d	Broke on FFNZD vice FFWZD
080625Z	EZW	3d	Broke on PXVTU vice POVTU
082030Z	FGH	3d	Broke on LIGSC vice LINRC
091350Z	FJG	3d	Broke on IAUYG vice IAUGG
101650Z	FUO	3d	Broke on ADHQV vice ADHIV
101905Z	FYK	4	Reused indicator BBFYKTNPHER
110100Z	FZY	10a	Broke on BB vice AA
110110Z	FZZ	10a	Broke on BB vice AA
110120Z	GAC	10a	Broke on BB vice AA
110130Z	GAF	10a	Broke on BB vice AA
110140Z	GAG	10a	Broke on BB vice AA
110150Z	GAI	10a	Broke on BB vice AA
110200Z	GAJ	10a	Broke on BB vice AA
110210Z	GAK	10a	Broke on BB vice AA
121434Z	GRK	3d	Broke on LKLOB vice LSLOB
121500Z	GQB	10b	BB traffic for 12 PM used setting 42134

VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-36 (Cont'd)
			APRIL (Cont'd)
131635Z	HEL	3	Broke on HJCFC vice USCFC
131655Z	HFO	9	Broke using trigraph HFC
140040Z	HII	3c	Broke on ODIXO vice OPIXO
141720Z	HQM	3d	Broke on NMFNN vice NKFNN
151730Z	JAW	3d	Broke on SWRZS vice SWVZS
162150Z	JPT	3d	Broke on NNGUE vice CGBXE
170005Z	JSF	3d	Broke on EUUNM vice EVCNM
172330Z	KIV	7	Final alignment of previous msg LKXDV
200500Z	LEX	3d	Broke on FNMZN vice FNMZK
210015Z	LOF	3d	Broke on HNSPA vice UNSPA
210525Z	LRW	3d	Broke on VEYRT vice VEYPT
220700Z	MFL	3d	Broke on KXPID vice KOPID
250125Z	NFO	3d	Broke on AXFLK vice AXKLK
250405Z	NHW	3b	Broke on VNTSQ vice UNTSQ
260128Z	NTF	9	Broke using trigraph NOF
261310Z	NUA	3d	Broke on MFVZA vice MFVZU
270745Z	OFD	3d	Broke on FGWPS vice FGWXS
271330Z	OGU	3d	Broke on CMBZG vice CMNZG
271420Z	OHJ	3d	Broke on PYYYM vice PYYHM
271440Z	OII	3a	Broke on UCXSO vice UCSXO
280420Z	OLY	3d	Broke on MZPCQ vice MPICQ
280515Z	OLC	3d	Broke on KNJWQ vice KNJTQ
291255Z	PCO	3d	Broke on TLANK vice TZANK
301730Z	AHO	3b	Broke on TYMVS vice TYNVS
			MAY
011535Z	AKV	3d	Broke on DCYBI vice DXYBI
031350Z	BBZ	3d	Broke on TJDJN vice TSDJN
040610Z	BJN	3d	Broke on UTRYF vice UTRDF
040610Z	BJP	3c	Broke on CJWUX vice PJWUX
051625Z	BXX	3d	Broke on VWLJQ vice VWLYQ
060435Z	CFM	10a	Broke on BB vice AA
060435Z	CFQ	10a	Broke on BB vice AA
071730Z	CPR	3c	Broke on GEMRA vice BEMRA
080240Z	CSN	9	Broke using trigraph CSO
081255Z	CXP	3d	Broke on UCEYU vice UCEYE

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VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-36 (Cont'd)
			MAY (Cont'd)
081542Z	CYK	3d	Broke on ABZES vice ABZEP
101745Z	DQQ	3d	Broke on UMBGM vice UMBGH
111330Z	DWU	3c	Broke on SKRMU vice SKRMQ
130800Z	EFX	3c	Broke on SIHRV vice STHRT
131255Z	EIT	3d	Broke on VVEFT vice VVEFA
161220Z	EXT	3d	Broke on HJAHV vice HJOHV
170435Z	FCR	3d	Broke on MTJXT vice ZTJXT
180131Z	FGK	6	Deciphered to GHFRJ broke on EQMJL
190830Z	FLK	3c	Broke on TUDWI vice TUPWI
200415Z	FNE	3d	Broke on XQLNW vice XOLNW
210800Z	FST	3d	Broke on WEYPA vice MEYPA
230450Z	GBD	3d	Broke on GUEIK vice GCEIK
240625Z	GEI	3d	Broke on ORCQX vice ORCQP
241010Z	GEM	3d	Broke on JUJSR vice JSJSR
			USM-44
			MAY
012010Z	ALW	3d	Broke on DVTUP vice DVTUH
			USM-652
			APRIL
190530Z	FOS	3a	Broke on BCEIK vice BCIEK
231331Z	GJP	3c	Broke on AGDGU vice AGZGU
260350Z	GUU	3d	Broke on EBMTK vice EBMTP
300715Z	HRP	10a	Broke on AA vice BB
300730Z	HRS	3d	Broke on IEFVR vice IEFJR
301230Z	HSF	3d	Broke on NGBPI vice NGRPI
			MAY
010615Z	ACL	3d	Broke on YZFSL vice YZFWL
021200Z	AJS	3c	Broke on XYUEG vice XYUZG

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VIOLATIONS (Cont'd.)

DTG	TRIGRAPH	KEY NO.	REMARKS

USM-36 (Cont'd)

MAY (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
172228Z	DSU	9	Broke using trigraph DSV
191615Z	EEG	3d	Broke on CNHCL vice CNHJL
200457Z	EGZ	3d	Broke on OWSQD vice OWRSD
210845Z	EML	3d	Broke on WIPZV vice WIPZY
230100Z	ETB	3c	Broke on VXDHJ vice VXVHJ
250522Z	KDK	9	Broke using trigraph FDK
250525Z	FDT	3d	Broke on CHDTC vice CHDTK
261459Z	FJQ	3d	Broke on FQFZE vice FOFZE
290107Z	FVJ	3d	Broke on BRVDR vice BEVDR
291230Z	FWZ	3d	Broke on MCJWF vice UCLYF
300570Z	GAM	3d	Broke on VAHCE vice VAHCU

JUNE

DTG	TRIGRAPH	KEY NO.	REMARKS
071003Z	CFU	9	Broke using trigraph CFK
110652Z	DGL	3d	Broke on UKHPF vice UKHPC
121815Z	DMC	3d	Broke on RSHZW vice RSNZW
151140Z	DWU	3d	Broke on XTXDE vice XTXDU
160536Z	EAY	3d	Broke on UXHAW vice PXGAW
160955Z	ECC	3d	Broke on FVGNJ vice FXGNJ
180555Z	EMD	3d	Broke on RQUIR vice RQUIO
210105Z	FDI	9	Broke using trigraph FDO
220500Z	FIQ	3d	Broke on ADXAO vice DDXAL

USM-676

APRIL

DTG	TRIGRAPH	KEY NO.	REMARKS
210657Z	BEC	3d	Broke on JQTAS vice JGTAS
280408Z	BNS	3d	Broke on DKZAG vice AKZAG
292059Z	BQC	11	Message indicator was derived using deciphering procedure

MAY

DTG	TRIGRAPH	KEY NO.	REMARKS
010307Z	AAD	3d	Broke on CMQAY vice CMOAY
090015Z	AMQ	3d	Broke on LZESQ vice YXESQ

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VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			USM-676E
			APRIL
052140Z	AJH	14	Random rotor failed to step as scheduled
190145Z	BNO	14	Random rotor overstepped at counter reading 1039
			501st CRG
			MAY
190755Z	AUH	3d	Broke on VQTUI vice VQTII
			JUNE
140125Z	A?C	3b	Broke on FVTNK vice FUTNK
290510Z	- -	5	Final alignment of previous msg SMGXH
			502nd CRG
			JUNE
29 Jun.	- -	13	Tape reel jammed on spindle
			ASA ALASKA
			APRIL
161030Z	AUR	9	Broke using trigraph AVR
			JUNE
1 Jun.		12	Switched to text before turning off TD
			ASA AUSTRIA
			JUNE
30 Jun.	- -	12	Began transmission in text position

TOP SECRET CONTROL # 54-3359-B
PAGE 11 OF 14 PAGES
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VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			ASA EUROPE
			APRIL
012210Z	ASH	3d	Broke on NGPUB vice NGPUY
030142Z	BNJ	3d	Broke on XLRSF vice XLBSF
030815Z	BRT	10a	Broke on DD vice BB
031255Z	BTX	3d	Broke on GCGNS vice OCGNZ
101562Z	FTL	3d	Broke on PYFVK vice PYFVW
101720Z	FTQ	3d	Broke on FCSFL vice IWACJ
121810Z	HPL	3d	Broke on YWDHH vice YWDHW
122137Z	HSS	3d	Broke on TJWRF vice TJWRL
191035Z	LOZ	1	Broke on PM rotor arrangement
220905Z	MKG	3d	Broke on QQMTW vice QQRTW
230530Z	MSW	3d	Broke on TCGDJ vice RVGDJ
24 Apr.	- -	13	Key tape ran out
260348Z	OVG	9	Broke using trigraph OGV
280950Z	PHN	3d	Broke on SBVFR vice SBVFI
			MAY
010400Z	ADY	3b	Broke on LTZQP vice LTYQP
2 May	- -	12	Failed to switch to cipher before transmitting
080010Z	CRO	3d	Broke on NAWZJ vice NAWZR
100525Z	DNG	10a	Broke on AA vice BB
120300Z	EIO	3d	Broke on QSGWE vice QSQWE
120330Z	EIT	3a	Broke on EUAKL vice EAUKL
190004Z	FPB	10a	Broke on AA vice BB
230320Z	GPP	3d	Broke on FCNMF vice SCIZE
27 May		12	
291450Z	HCV	2	Used key list assigned to NSA
291455Z	HCY	2	Used key list assigned to NSA
291520Z	HCZ	2	Used key list assigned to NSA
291520Z	HDB	2	Used key list assigned to NSA
110156Z	AJY	6	Deciphered to CUIRO broke on CURIO

TOP SECRET

VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			ASA EUROPE (Cont'd)
			MAY (Cont'd)
110545Z	ALZ	9	Broke using trigraph AKZ
14 Jun.	- -	12	Tape stuck on LTRS character
19 Jun.	- -	12	Caused by faulty key tape
			ASA FE
			APRIL
010537Z	AGP	3a	Broke on WUREN vice WURNE
020520Z	AUL	3c	Broke on IVDBV vice IVVZV
170033Z	ERO	3d	Broke on GIYIJ vice GIFIJ
180303Z	FKH	9	Broke using trigraph FHK
200537Z	FZE	3b	Broke on NEWOX vice NEXOX
212011Z	BNH	10a	Broke on BB vice AA
260910Z	IIR	3c	Broke on OSJBP vice OSJBT
			MAY
010919Z	AES	14	Random rotor failed to step after counter reading 1423
041509Z	BKM	3d	Broke on RVNKE vice RVNKU
051525Z	EWC	3a	Broke on BHXAT vice AHXBT
061503Z	DCD	1	All BB PM traffic broke on AM rotor arrangement
081609Z	EHJ	3b	Broke on MIZXE vice NIZXE
081641Z	EFR	3d	Broke on SKTUA vice SNTUA
091945Z	EZA	3d	Broke on ARPKL vice ARHKL
111445Z	FKC	9	Broke using trigraph FKI
121515Z	FWB	3c	Broke on ZOMCI vice ZOMCY
131913Z	GDR	10a	Broke on BB vice AA
202230Z	FPK	3d	Broke on TQICZ vice TQTCZ
230001Z	JAP	3d	Broke on DHPOO vice XHPOO
230653Z	JII	3c	Broke on IHCSH vice IHTSH
230919Z	JUL	9	Broke using trigraph JKL
			JUNE
032051Z	BJN	3d	Broke on PUYUB vice PIYUB
041635Z	BYS	3d	Broke on ZDXKY vice ZDSKY

VIOLATIONS (Cont'd)

DTG	TRIGRAPH	KEY NO.	REMARKS
			ASA FE (Cont'd)
			JUNE (Cont'd)
152127Z	GBS	3d	Broke on XKCMB vice EKCMB
160025Z	GDE	3d	Broke on DKPRL vice DMPRL
170834Z	GOL	3d	Broke on QWYRI vice GWYRI
211505Z	IDF	3b	Broke on KUSIV vice JUSIV
221223Z	IKY	9	Broke using trigraph JKY
230035Z	IQO	3d	Broke on FSVNT vice BSVNT
261535Z	KBY	9	Broke using trigraph KBV
261925Z	KDS	10a	Broke on BB vice AA
281651Z	KWK	8	Alignment consisted of only 3 letters

SECRET

KEY LIST OF ARMY VIOLATIONS

Apr., May, June, 1954

ROTOR ARRANGEMENT

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

2. Use of a rotor arrangement from a key list assigned to another station. (Reference AFSAG 1262, para 5003b)

ROTOR ALIGNMENTS.

3. 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.

4. Identical message indicators appeared on different messages (or transmission sections) enciphered on the same machine. Use of the message rotor alignment resulting from decipherment of the message indicator allowed decipherment of the first but not the second message. The message rotor alignment actually used for encipherment of the second message was properly tailed to the final alignment of the first message.

5. The message rotor alignment actually used for encipherment was identical to the final alignment of the previous message enciphered on the same machine. However, the last five letters of the message indicator decipher to a properly tailed alignment. (Reference AFSAG 1262, para 6002a(4))

6. Failure to tail previously enciphered message. (Reference AFSAG 1262, para 6002a(4))

7. Decipherment of the message indicator resulted in a message rotor alignment identical to the final alignment of the previous message enciphered on the same machine. The message rotor alignment actually used for encipherment, however, was correctly derived.

8. Omission or addition of one or more letters to the message indicator.

KEY GROUP

9. 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)

SECRET CRYPTOCLEARANCE REQUIRED

MACHINE DESIGNATOR AND MULTISWITCH SETTING

10. 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))

ENCIPHER DECIPHER CARD

11. Incorrect use of an ORCUS enciphering card to produce a message indicator. (Reference AFSAG 1262, para 5005c)

ADDITIONAL VIOLATIONS

12. Transmission in the clear of classified information.

13. Transmission of classified information in monoalphabetic substitution cipher.

14. Transmission of a message in which there was faulty rotor stepping during encipherment. (Reference AFSAG 1262, para 6002a(3))

CRYPTOCLEARANCE REQUIRED