

EQUIPMENT TEST LIST
SENDERS AND REGISTERS — 4A
NO. 4A AND 4M TOLL SWITCHING SYSTEMS

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1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table

of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

3.0 SENDERS&REG -4A

3.1 SENDERS&REG -4A; 4A-MF-INC

OFFICE TYPE 1 RETRIAL*ETS*SD-68491-01

SELECT ONLY ONE CATEGORY

SD-68222-01 SENDERS

212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	E	**TF TEST**MANUAL CALL	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	N	**TF TEST**S LEAD GROUND	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AE	**TF TEST**EXTRA DIGIT-LOOP DIAL 20-CYCLE	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AS	**TF TEST**TIMING VARIATION	MW 18M	-----

212-216-501 (8/1)	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL(10 TO 20 SEC)	MW 18M	-----
	CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
	CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----
	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
	CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
	DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
	DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
	DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
	DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
	DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
	DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
	DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
	DH	**TF TEST**AUTO, DC	MW 18M	-----
	DI	**TF TEST**AUTO, MANUAL, NO AV	MW 18M	-----
	EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
SD-68575-01-SENDERS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	E	**TF TEST**MANUAL CALL	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	N	**TF TEST**S LEAD GROUND	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----

SECTION 212-001-014

212-216-501 (8/1)	Z	**TF TEST**REGISTER REORDER REQUEST TO SENDER	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL(10 TO 20 SEC)	MW 18M	-----
	CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----
	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
	CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
	DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
	DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
	DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
	DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
	DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
	DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
	DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
	DH	**TF TEST**AUTO, DC	MW 18M	-----
	DI	**TF TEST**AUTO, MANUAL, NO AV	MW 18M	-----
	EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----

OPTIONAL FEATURES

AUXILIARY RECORDER

212-216-501 (8/1)	AK	**TF TEST**AUX RECORDING TEST(ETS)	MW 18M	-----
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OFFICE TYPE 2 NON-RETRIAL*ETS*SD-68491-01

SELECT ONLY ONE CATEGORY

SD-68222-01 SENDERS

212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----

212-216-501 (8/1)	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	E	**TF TEST**MANUAL CALL	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	N	**TF TEST**S LEAD GROUND	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AE	**TF TEST**EXTRA DIGIT-LOOP DIAL 20-CYCLE	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AS	**TF TEST**TIMING VARIATION	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----

◆	212-216-501 (8/1)	BC	**TF TEST**SXD GLARE (W/O RETRIAL)	MW 18M	-----
◆		BF	**TF TEST**MF GLARE-FLASH RECOGNIZED (W/O RETRIAL)	MW 18M	-----
◆		BG	**TF TEST**MF GLARE-FLASH NOT RECOGNIZED (W/O RETRIAL)	MW 18M	-----
◆		BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
◆		BK	**TF TEST**TIME-OUT-UDD-LPD (W/O RETRIAL)	MW 18M	-----
◆		BL	**TF TEST**TIME-OUT-SXD (W/O RETRIAL)	MW 18M	-----
◆		BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
◆		BN	**TF TEST**TIME-OUT-UXS-LPD, 20-CYCLE (W/O RETRIAL)	MW 18M	-----
◆		CN	**TF TEST**TIMING-PERM SIGNAL(10 TO 20 SEC)	MW 18M	-----
◆		CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
◆		CQ	**TF TEST**TIMING-PARTIAL DIAL INTERVAL (W/O RETRIAL)	MW 18M	-----
◆		CS	**TF TEST**TIMING-FLASH FWD (10 SEC) (W/O RETRIAL)	MW 18M	-----
◆	212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
◆	SD-68575-01-SENDERS				
◆	212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
◆		B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
◆		C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
◆		D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
◆		E	**TF TEST**MANUAL CALL	MW 18M	-----
◆		F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
◆		G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
◆		J	**TF TEST**TX CODES	MW 18M	-----
◆		K	**TF TEST**CODE CONVERSION	MW 18M	-----
◆		L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
◆		M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
◆		N	**TF TEST**S LEAD GROUND	MW 18M	-----
◆		O	**TF TEST**ABANDONED CALL	MW 18M	-----
◆		P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
◆		Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
◆		R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
◆		S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
◆		T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
◆		U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
◆		V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
◆		W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
◆		X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
◆		Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
◆		Z	**TF TEST**REGISTER REORDER REQUEST TO SENDER	MW 18M	-----

212-216-501 (8/1)	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
	BC	**TF TEST**SXD GLARE (W/O RETRIAL)	MW 18M	-----
	BF	**TF TEST**MF GLARE-FLASH RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BG	**TF TEST**MF GLARE-FLASH NOT RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
	BK	**TF TEST**TIME-OUT-UDD-LPD (W/O RETRIAL)	MW 18M	-----
	BL	**TF TEST**TIME-OUT-SXD (W/O RETRIAL)	MW 18M	-----
	BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
	BN	**TF TEST**TIME-OUT-UXS-LPD, 20-CYCLE (W/O RETRIAL)	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL(10 TO 20 SEC)	MW 18M	-----
	CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CQ	**TF TEST**TIMING-PARTIAL DIAL INTERVAL (W/O RETRIAL)	MW 18M	-----
	CS	**TF TEST**TIMING-FLASH FWD (10 SEC) (W/O RETRIAL)	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
OPTIONAL FEATURES				
AUXILIARY RECORDER				
212-216-501 (8/1)	AK	**TF TEST**AUX RECORDING TEST(ETS)	MW 18M	-----
OFFICE TYPE 3 RETRIAL*CARD TRANSLATOR*SD-68491-01				
SELECT ONLY ONE CATEGORY				

SD-68222-01 SENDERS

212-216-501 (8/1)

A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
E	**TF TEST**MANUAL CALL	MW 18M	-----
F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
J	**TF TEST**TX CODES	MW 18M	-----
K	**TF TEST**CODE CONVERSION	MW 18M	-----
L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
N	**TF TEST**S LEAD GROUND	MW 18M	-----
O	**TF TEST**ABANDONED CALL	MW 18M	-----
P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
AE	**TF TEST**EXTRA DIGIT-LOOP DIAL 20-CYCLE	MW 18M	-----
AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
AM	**TF TEST**START PULSE ERROR	MW 18M	-----
AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
AP	**TF TEST**CODE CHECK	MW 18M	-----
AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
AS	**TF TEST**TIMING VARIATION	MW 18M	-----
AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SECONDS)	MW 18M	-----
CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----

212-216-501 (8/1)	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
	CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
	DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
	DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
	DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
	DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
	DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
	DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
	DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
	DH	**TF TEST**AUTO, DC	MW 18M	-----
	DI	**TF TEST**AUTO, MANUAL, NO AV	MW 18M	-----
	EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
SD-68575-01-SENDERS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
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	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
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	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	Z	**TF TEST**REGISTER REORDER REQUEST TO SENDER	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----

◆	212-216-501 (8/1)	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
◆		AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
◆		AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
◆		AP	**TF TEST**CODE CHECK	MW 18M	-----
◆		AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
◆		AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
◆		AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
◆		AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
◆		CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SECONDS)	MW 18M	-----
◆		CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
◆		CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
◆		CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----
◆		CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
◆		CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
◆		DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
◆		DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
◆		DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
◆		DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
◆		DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
◆		DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
◆		DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
◆		DH	**TF TEST**AUTO, DC	MW 18M	-----
◆		DI	**TF TEST**AUTO, MANUAL, NO AV	MW 18M	-----
◆		EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
◆	212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----

OFFICE TYPE 4 NON-RETRIAL*CARD TRANSLATOR*SD-68491-01

SELECT ONLY ONE CATEGORY

SD-68222-01 SENDERS

◆	212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
◆		B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
◆		C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
◆		D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
◆		E	**TF TEST**MANUAL CALL	MW 18M	-----
◆		F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
◆		G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
◆		J	**TF TEST**TX CODES	MW 18M	-----
◆		K	**TF TEST**CODE CONVERSION	MW 18M	-----
◆		L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
◆		M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
◆		N	**TF TEST**S LEAD GROUND	MW 18M	-----

212-216-501 (8/1)	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AE	**TF TEST**EXTRA DIGIT-LOOP DIAL 20-CYCLE	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AS	**TF TEST**TIMING VARIATION	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
	BC	**TF TEST**SXD GLARE (W/O RETRIAL)	MW 18M	-----
	BF	**TF TEST**MF GLARE-FLASH RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BG	**TF TEST**MF GLARE-FLASH NOT RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
	BK	**TF TEST**TIME-OUT-UDD-LPD (W/O RETRIAL)	MW 18M	-----
	BL	**TF TEST**TIME-OUT-SXD (W/O RETRIAL)	MW 18M	-----
	BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
	BN	**TF TEST**TIME-OUT-UXS-LPD, 20-CYCLE (W/O RETRIAL)	MW 18M	-----

212-216-501 (8/1)	CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SECONDS)	MW 18M	-----
	CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
	CQ	**TF TEST**TIMING-PARTIAL DIAL INTERVAL (W/O RETRIAL)	MW 18M	-----
	CS	**TF TEST**TIMING-FLASH FWD (10 SEC) (W/O RETRIAL)	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
SD-68575-01-SENDERS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	E	**TF TEST**MANUAL CALL	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	N	**TF TEST**S LEAD GROUND	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	Q	**TF TEST**PLK RELAY TEST	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	Z	**TF TEST**REGISTER REORDER REQUEST TO SENDER	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AN	**TF TEST**START PULSE CHECK-MANUAL CODE	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----

212-216-501 (8/1)	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
	BC	**TF TEST**SXD GLARE (W/O RETRIAL)	MW 18M	-----
	BF	**TF TEST**MF GLARE-FLASH RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BG	**TF TEST**MF GLARE-FLASH NOT RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
	BK	**TF TEST**TIME-OUT-UDD-LPD (W/O RETRIAL)	MW 18M	-----
	BL	**TF TEST**TIME-OUT-SXD (W/O RETRIAL)	MW 18M	-----
	BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
	BN	**TF TEST**TIME-OUT-UXS-LPD, 20-CYCLE (W/O RETRIAL)	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SEC)	MW 18M	-----
	CO	**TF TEST**TIMING-PARTIAL DIAL	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CQ	**TF TEST**TIMING-PARTIAL DIAL INTERVAL (W/O RETRIAL)	MW 18M	-----
	CS	**TF TEST**TIMING-FLASH FWD (10 SEC) (W/O RETRIAL)	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
OFFICE TYPE 5 NON-RETRIAL*ETS*SD-68226-01				
SELECT ONLY ONE CATEGORY				
SD-68222-01 SENDERS				
212-212-501 (6/2)	A	**TF TEST**INTERTOLL CODE-MF IN-MF OUT	MW 18M	-----
	B	**TF TEST**TOLL COMPLETING CODE-MF IN-MF OUT	MW 18M	-----
	C	**TF TEST**TOLL COMPLETING CODE-MF IN-DC KEY OUT	MW 18M	-----
	L	**TF TEST**TX CODES	MW 18M	-----
	M	**TF TEST**INCOMING CALL FROM A NO. 5 TOLL SWBD	MW 18M	-----
	N	**TF TEST**MANUAL CODE	MW 18M	-----
	O	**TF TEST**CODE CONVERSION	MW 18M	-----
	Q	**TF TEST**INTERTOLL CODE-MF IN-SX DP OUT	MW 18M	-----
	R	**TF TEST**TOLL COMPL CODE-MFPULSING IN-LOOP DP OUT	MW 18M	-----
	U	**TF TEST**START PULSE ERROR	MW 18M	-----
	V	**TF TEST**LOW INPUT	MW 18M	-----

212-212-501 (6/2)	W	**TF TEST**SLOW KEY PULSE	MW 18M	-----
	X	**TF TEST**PULSE REVERSAL	MW 18M	-----
	Y	**TF TEST**3 FREQUENCY KEY PULSE SIGNAL	MW 18M	-----
	Z	**TF TEST**TWIST TEST	MW 18M	-----
	AA	**TF TEST**FALSE KEY PULSE SIGNAL	MW 18M	-----
	AB	**TF TEST**3 FREQUENCY DIGIT	MW 18M	-----
	AC	**TF TEST**PRELIMINARY SINGLE FREQ	MW 18M	-----
	AD	**TF TEST**"S" LEAD GROUND	MW 18M	-----
	AE	**TF TEST**ABANDONED CALL	MW 18M	-----
	AF	**TF TEST**FRAME IDENTIFICATION FAILURE	MW 18M	-----
	AG	**TF TEST**REVERSE MF PATH	MW 18M	-----
	AH	**TF TEST**FLASH BACK FEATURE	MW 18M	-----
	AI	**TF TEST**TWELVE DIGIT REORDER	MW 18M	-----
	AJ	**TF TEST**INTERSENDER LOAD CONT TMR-SHORT DELAY	MW 18M	-----
	AK	**TF TEST**INTERSENDER LOAD CONT TMR-LONG DELAY	MW 18M	-----
	AL	**TF TEST**INTERSENDER LOAD CONT TMR-"PRO" ROUTING	MW 18M	-----
	AM	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	AN	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	AO	**TF TEST**RECORD STUCK SENDER-CHAIN AVAILABLE	MW 18M	-----
	AP	**TF TEST**RECORD SS-CHAIN NOT AVAILABLE	MW 18M	-----
	AQ	**TF TEST**GLARE TEST-SIMPLEX DIAL PULSING OUT	MW 18M	-----
	AR	**TF TEST**EXPECTED DIAL DELAY	MW 18M	-----
	AS	**TF TEST**EXPECTED STOP DIAL	MW 18M	-----
	AT	**TF TEST**RINGING CHECK	MW 18M	-----
	AU	**TF TEST**OPERATION TEST OF TG AND OF RELAYS	MW 18M	-----
	AV	**TF TEST**TGT FAILURE	MW 18M	-----
	AW	**TF TEST**PULSE ABSORPTION	MW 18M	-----
	AX	**TF TEST**REVERSE TRUNK TEST	MW 18M	-----
	AY	**TF TEST**CHAIN CIRCUIT FEATURE	MW 18M	-----
	AZ	**TF TEST**MF CURRENT SUPPLY TRANSFER FEATURE	MW 18M	-----
	BA	**TF TEST**PERM SIGNAL TIME-OUT	MW 18M	-----
	BB	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	BC	**TF TEST**REORDER AND TBL RELEASE FAILURE TIME-OUT	MW 18M	-----
	BE	**TF TEST**MF SDR TIME-OUT-8 DIGITS REGISTERED	MW 18M	-----
	BF	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT AVAIL.	MW 18M	-----
	BG	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT NOT AVAIL.	MW 18M	-----

212-212-501 (6/2)	BH	**TF TEST**REORDER FAILURE TIME-OUT-STUCK SENDER	MW 18M	-----
	BI	**TF TEST**UNEXPECTED DEL DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BJ	**TF TEST**UNEXPECTED STOP DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BK	**TF TEST**CONT OFF-HOOK CONDITION TIME-OUT-SX DP OUT	MW 18M	-----
	BL	**TF TEST**GLARE TIME-OUT-SIM SZRE OF MFP 2-WAY TRK	MW 18M	-----
	BM	**TF TEST**SDR DOES NOT COMPL SLV CHK TIME-OUT-MFP OUT	MW 18M	-----
	BN	**TF TEST**GLARE TIME-OUT-FLASH NOT RECOGNIZED	MW 18M	-----
	BO	**TF TEST**CONT STOP SIG TIME-OUT-SX DL-EXPT DL DEL CALL	MW 18M	-----
	BP	**TF TEST**TMG VAR CONT & MKR ENGAGED RECYCLE FEAT.	MW 18M	-----
	BQ	**TF TEST*START PULSE-MANUAL OUTGOING	MW 18M	-----
	BR	**TF TEST**PLK RELAY TEST	MW 18M	-----
	BS	**TF TEST**TOLL COMPL CODE, WET-DRY, CONT RING	MW 18M	-----
	BT	**TF TEST**EXTRA DIG RO-MF IN-LOOP DIAL, 20 CYCLE OUT	MW 18M	-----
	BU	**TF TEST**MF REC LOW VOLT FILAMENT SUPPLY TRANSFER	MW 18M	-----
	BW	**TF TEST**TELETYPEWRITER PRINTOUT	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
SD-68575-01-SENDERS				
212-212-501 (6/2)	A	**TF TEST**INTERTOLL CODE-MF IN-MF OUT	MW 18M	-----
	B	**TF TEST**TOLL COMPLETING CODE-MF IN-MF OUT	MW 18M	-----
	C	**TF TEST**TOLL COMPLETING CODE-MF IN-DC KEY OUT	MW 18M	-----
	L	**TF TEST**TX CODES	MW 18M	-----
	N	**TF TEST**MANUAL CODE	MW 18M	-----
	O	**TF TEST**CODE CONVERSION	MW 18M	-----
	Q	**TF TEST**INTERTOLL CODE-MF IN-SX DP OUT	MW 18M	-----
	R	**TF TEST**TOLL COMPL CODE-MF PULSING	MW 18M	-----
	U	**TF TEST**START PULSE ERROR	MW 18M	-----
	V	**TF TEST**LOW INPUT	MW 18M	-----
	W	**TF TEST**SLOW KEY PULSE	MW 18M	-----
	X	**TF TEST**PULSE REVERSAL	MW 18M	-----
	Y	**TF TEST**3 FREQUENCY KEY PULSE SIGNAL	MW 18M	-----
	Z	**TF TEST**TWIST TEST	MW 18M	-----
	AA	**TF TEST**FALSE KEY PULSE SIG	MW 18M	-----
	AB	**TF TEST**3 FREQUENCY DIGIT	MW 18M	-----
	AD	**TF TEST**"S" LEAD GROUND	MW 18M	-----

◆	212-212-501 (6/2)	AE	**TF TEST**ABANDONED CALL	MW 18M	-----
◆		AF	**TF TEST**FRAME IDENTIFICATION FAILURE	MW 18M	-----
◆		AG	**TF TEST**REVERSE MF PATH	MW 18M	-----
◆		AH	**TF TEST**FLASH BACK FEATURE	MW 18M	-----
◆		AI	**TF TEST**TWELVE DIGIT REORDER	MW 18M	-----
◆		AJ	**TF TEST**INTERSENDER LOAD CONT TMR-SHORT DELAY	MW 18M	-----
◆		AK	**TF TEST**INTERSENDER LOAD CONT TMR-LONG DELAY	MW 18M	-----
◆		AL	**TF TEST**INTERSENDER LOAD CONT TMR-"PRO" ROUTING	MW 18M	-----
◆		AM	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
◆		AN	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
◆		AO	**TF TEST**RECORD STUCK SENDER-CHAIN AVAILABLE	MW 18M	-----
◆		AP	**TF TEST**RECORD SS-CHAIN NOT AVAILABLE	MW 18M	-----
◆		AQ	**TF TEST**GLARE TEST-SIMPLEX DIAL PULSING OUT	MW 18M	-----
◆		AR	**TF TEST**EXPECTED DIAL DELAY	MW 18M	-----
◆		AS	**TF TEST**EXPECTED STOP DIAL	MW 18M	-----
◆		AT	**TF TEST**RINGING CHECK	MW 18M	-----
◆		AU	**TF TEST**OPERATION TEST OF TG AND OF RELAYS	MW 18M	-----
◆		AV	**TF TEST**TGT FAILURE	MW 18M	-----
◆		AW	**TF TEST**PULSE ABSORPTION	MW 18M	-----
◆		AX	**TF TEST**REVERSE TRUNK TEST	MW 18M	-----
◆		AY	**TF TEST**CHAIN CIRCUIT FEATURE	MW 18M	-----
◆		AZ	**TF TEST**MF CURRENT SUPPLY TRANSFER FEATURE	MW 18M	-----
◆		BA	**TF TEST**PERM SIGNAL TIME-OUT	MW 18M	-----
◆		BB	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
◆		BC	**TF TEST**REORDER AND TBL RELEASE FAILURE TIME-OUT	MW 18M	-----
◆		BE	**TF TEST**MF SDR TIME-OUT-8 DIGITS REGISTERED	MW 18M	-----
◆		BF	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT AVAIL.	MW 18M	-----
◆		BG	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT NOT AVAIL.	MW 18M	-----
◆		BH	**TF TEST**REORDER FAILURE TIME-OUT-STUCK SENDER	MW 18M	-----
◆		BI	**TF TEST**UNEXPECTED DEL DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
◆		BJ	**TF TEST**UNEXPECTED STOP DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
◆		BK	**TF TEST**CONT OFF-HOOK COND TIME-OUT-SX DP OUT	MW 18M	-----
◆		BL	**TF TEST**GLARE TIME-OUT-SIM SZRE OF MFP 2-WAY TRK	MW 18M	-----
◆		BM	**TF TEST**SDR DOES NOT COMPL SLV CHK TIME-OUT-MFP OUT	MW 18M	-----

212-212-501 (6/2)	BN	**TF TEST**GLARE TIME-OUT-FLASH NOT RECOGNIZED	MW 18M	-----
	BO	**TF TEST**CONT STOP SIG TIME-OUT-SX DL-EXPT DL DEL CALL	MW 18M	-----
	BQ	**TF TEST**START PULSE-MANUAL OUTGOING	MW 18M	-----
	BR	**TF TEST**PLK RELAY TEST	MW 18M	-----
	BS	**TF TEST**TOLL COMPL CODE, WET-DRY, CONT RING	MW 18M	-----
	BU	**TF TEST**MF REC LOW VOLT FILAMENT SUPPLY TRANSFER	MW 18M	-----
	BW	**TF TEST**TELETYPEWRITER PRINTOUT	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
OPTIONAL FEATURES				
AUXILIARY RECORDER				
212-212-501 (6/2)	BV	**TF TEST**AUXILIARY RECORDING-IBM CARD	MW 18M	-----
OFFICE TYPE 6 NON-RETRIAL*CARD TRANSLATOR*SD-68226-01				
SELECT ONLY ONE CATEGORY				
SD-68222-01 SENDERS				
212-212-501 (6/2)	A	**TF TEST**INTERTOLL CODE-MF IN-MF OUT	MW 18M	-----
	B	**TF TEST**TOLL COMPLETING CODE-MF IN-MF OUT	MW 18M	-----
	C	**TF TEST**TOLL COMPLETING CODE-MF IN-DC KEY OUT	MW 18M	-----
	L	**TF TEST**TX CODES	MW 18M	-----
	M	**TF TEST**INCOMING CALL FROM A NO. 5 TOLL SWBD	MW 18M	-----
	N	**TF TEST**MANUAL CODE	MW 18M	-----
	O	**TF TEST**CODE CONVERSION	MW 18M	-----
	P	**TF TEST**6 DIGIT TRANSLATION	MW 18M	-----
	Q	**TF TEST**INTERTOLL CODE-MF IN-SX DP OUT	MW 18M	-----
	R	**TF TEST**TOLL COMPL CODE-MF PULSING IN-LOOP DP OUT	MW 18M	-----
	U	**TF TEST**START PULSE ERROR	MW 18M	-----
	V	**TF TEST**LOW INPUT	MW 18M	-----
	W	**TF TEST**SLOW KEY PULSE	MW 18M	-----
	X	**TF TEST**PULSE REVERSAL	MW 18M	-----
	Y	**TF TEST**3 FREQUENCY KEY PULSE SIGNAL	MW 18M	-----
	Z	**TF TEST**TWIST TEST	MW 18M	-----
	AA	**TF TEST**FALSE KEY PULSE SIG	MW 18M	-----
	AB	**TF TEST**3 FREQUENCY DIGIT	MW 18M	-----
	AC	**TF TEST**PRELIMINARY SINGLE FREQ	MW 18M	-----
	AD	**TF TEST**"S" LEAD GROUND	MW 18M	-----
	AE	**TF TEST**ABANDONED CALL	MW 18M	-----
	AF	**TF TEST**FRAME IDENTIFICATION FAILURE	MW 18M	-----
	AG	**TF TEST**REVERSE MF PATH	MW 18M	-----

212-212-501 (6/2)	AH	**TF TEST**FLASH BACK FEATURE	MW 18M	-----
	AI	**TF TEST**TWELVE DIGIT REORDER	MW 18M	-----
	AJ	**TF TEST**INTERSENDER LOAD CONT TMR-SHORT DELAY	MW 18M	-----
	AK	**TF TEST**INTERSENDER LOAD CONT TMR-LONG DELAY	MW 18M	-----
	AL	**TF TEST**INTERSENDER LOAD CONT TMR-"PRO" ROUTING	MW 18M	-----
	AM	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	AN	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	AO	**TF TEST**RECORD STUCK SENDER-CHAIN AVAILABLE	MW 18M	-----
	AP	**TF TEST**RECORD SS-CHAIN NOT AVAILABLE	MW 18M	-----
	AQ	**TF TEST**GLARE TEST-SIMPLEX DIAL PULSING OUT	MW 18M	-----
	AR	**TF TEST**EXPECTED DIAL DELAY	MW 18M	-----
	AS	**TF TEST**EXPECTED STOP DIAL	MW 18M	-----
	AT	**TF TEST**RINGING CHECK	MW 18M	-----
	AU	**TF TEST**OPERATION TEST OF TG AND OF RELAYS	MW 18M	-----
	AV	**TF TEST**TGT FAILURE	MW 18M	-----
	AW	**TF TEST**PULSE ABSORPTION	MW 18M	-----
	AX	**TF TEST**REVERSE TRUNK TEST	MW 18M	-----
	AY	**TF TEST**CHAIN CIRCUIT FEATURE	MW 18M	-----
	AZ	**TF TEST**MF CURRENT SUPPLY TRANSFER FEATURE	MW 18M	-----
	BA	**TF TEST**PERM SIGNAL TIME-OUT	MW 18M	-----
	BB	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	BC	**TF TEST**REORDER AND TBL RELEASE FAILURE TIME-OUT	MW 18M	-----
	BE	**TF TEST**MF SDR TIME-OUT-8 DIGITS REGISTERED	MW 18M	-----
	BF	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT AVAIL.	MW 18M	-----
	BG	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT NOT AVAIL.	MW 18M	-----
	BH	**TF TEST**REORDER FAILURE TIME-OUT-STUCK SENDER	MW 18M	-----
	BI	**TF TEST**UNEXPECTED DEL DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BJ	**TF TEST**UNEXPECTED STOP DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BK	**TF TEST**CONT OFF-HOOK COND TIME-OUT-SX DP OUT	MW 18M	-----
	BL	**TF TEST**GLARE TIME-OUT-SIM SZRE OF MFP 2-WAY TRK	MW 18M	-----
	BM	**TF TEST**SDR DOES NOT COMPL SLV CHK TIME-OUT-MFP OUT	MW 18M	-----
	BN	**TF TEST**GLARE TIME-OUT-FLASH NOT RECOGNIZED	MW 18M	-----
	BO	**TF TEST**CONT STOP SIG TIME-OUT-SX DL-EXPT DL DEL CALL	MW 18M	-----

212-212-501 (6/2)	BP	**TF TEST**TMG VAR CONT & MKR ENGAGED RECYCLE FEAT.	MW 18M	-----
	BQ	**TF TEST**START PULSE-MANUAL OUTGOING	MW 18M	-----
	BR	**TF TEST**PLK RELAY TEST	MW 18M	-----
	BS	**TF TEST**TOLL COMPL CODE, WET-DRY, CONT RING	MW 18M	-----
	BT	**TF TEST**EXTRA DIG RO-MF IN-LOOP DIAL, 20 CYCLE OUT	MW 18M	-----
	BU	**TF TEST**MF REC LOW VOLT FILAMENT SUPPLY TRANSFER	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
SD-68575-01-SENDERS				
212-212-501 (6/2)	A	**TF TEST**INTERTOLL CODE-MF IN-MF OUT	MW 18M	-----
	B	**TF TEST**TOLL COMPLETING CODE-MF IN-MF OUT	MW 18M	-----
	C	**TF TEST**TOLL COMPLETING CODE-MF IN-DC KEY OUT	MW 18M	-----
	L	**TF TEST**TX CODES	MW 18M	-----
	N	**TF TEST**MANUAL CODE	MW 18M	-----
	O	**TF TEST**CODE CONVERSION	MW 18M	-----
	P	**TF TEST**6 DIGIT TRANSLATION	MW 18M	-----
	Q	**TF TEST**INTERTOLL CODE-MF IN-SX DP OUT	MW 18M	-----
	R	**TF TEST**TOLL COMPL CODE-MF PULSING IN-LOOP DP OUT	MW 18M	-----
	U	**TF TEST**START PULSE ERROR	MW 18M	-----
	V	**TF TEST**LOW INPUT	MW 18M	-----
	W	**TF TEST**SLOW KEY PULSE	MW 18M	-----
	X	**TF TEST**PULSE REVERSAL	MW 18M	-----
	Y	**TF TEST**3 FREQUENCY KEY PULSE SIGNAL	MW 18M	-----
	Z	**TF TEST**TWIST TEST	MW 18M	-----
	AA	**TF TEST**FALSE KEY PULSE SIG	MW 18M	-----
	AB	**TF TEST**3 FREQUENCY DIGIT	MW 18M	-----
	AD	**TF TEST**"S" LEAD GROUND	MW 18M	-----
	AE	**TF TEST**ABANDONED CALL	MW 18M	-----
	AF	**TF TEST**FRAME IDENTIFICATION FAILURE	MW 18M	-----
	AG	**TF TEST**REVERSE MF PATH	MW 18M	-----
	AH	**TF TEST**FLASH BACK FEATURE	MW 18M	-----
	AI	**TF TEST**TWELVE DIGIT REORDER	MW 18M	-----
	AJ	**TF TEST**INTERSENDER LOAD CONT TMR-SHORT DELAY	MW 18M	-----
	AK	**TF TEST**INTERSENDER LOAD CONT TMR-LONG DELAY	MW 18M	-----
	AL	**TF TEST**INTERSENDER LOAD CONT TMR-"PRO" ROUTING	MW 18M	-----
	AM	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	AN	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----

212-212-501 (6/2)	AO	**TF TEST**RECORD STUCK SENDER-CHAIN AVAILABLE	MW 18M	-----
	AP	**TF TEST**RECORD SS-CHAIN NOT AVAILABLE	MW 18M	-----
	AQ	**TF TEST**GLARE TEST-SIMPLEX DIAL PULSING OUT	MW 18M	-----
	AR	**TF TEST**EXPECTED DIAL DELAY	MW 18M	-----
	AS	**TF TEST**EXPECTED STOP DIAL	MW 18M	-----
	AT	**TF TEST**RINGING CHECK	MW 18M	-----
	AU	**TF TEST**OPERATION TEST OF TG AND OF RELAYS	MW 18M	-----
	AV	**TF TEST**TGT FAILURE	MW 18M	-----
	AW	**TF TEST**PULSE ABSORPTION	MW 18M	-----
	AX	**TF TEST**REVERSE TRUNK TEST	MW 18M	-----
	AY	**TF TEST**CHAIN CIRCUIT FEATURE	MW 18M	-----
	AZ	**TF TEST**MF CURRENT SUPPLY TRANSFER FEATURE	MW 18M	-----
	BA	**TF TEST**PERM SIGNAL TIME-OUT	MW 18M	-----
	BB	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	BC	**TF TEST**REORDER AND TBL RELEASE FAILURE TIME-OUT	MW 18M	-----
	BE	**TF TEST**MF SDR TIME-OUT-8 DIGITS REGISTERED	MW 18M	-----
	BF	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT AVAIL.	MW 18M	-----
	BG	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT NOT AVAIL.	MW 18M	-----
	BH	**TF TEST**REORDER FAILURE TIME-OUT-STUCK SENDER	MW 18M	-----
	BI	**TF TEST**UNEXPECTED DEL DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BJ	**TF TEST**UNEXPECTED STOP DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BK	**TF TEST**CONT OFF-HOOK COND TIME-OUT-SX DP OUT	MW 18M	-----
	BL	**TF TEST**GLARE TIME-OUT-SIM SZRE OF MFP 2-WAY TRK	MW 18M	-----
	BM	**TF TEST**SDR DOES NOT COMPL SLV CHK TIME-OUT-MFP OUT	MW 18M	-----
	BN	**TF TEST**GLARE TIME-OUT-FLASH NOT RECOGNIZED	MW 18M	-----
	BO	**TF TEST**CONT STOP SIG TIME-OUT-SX DL-EXPT DL DEL CALL	MW 18M	-----
	BQ	**TF TEST**START PULSE-MANUAL OUTGOING	MW 18M	-----
	BR	**TF TEST**PLK RELAY TEST	MW 18M	-----
	BS	**TF TEST**TOLL COMPL CODE, WET-DRY, CONT RING	MW 18M	-----
	BU	**TF TEST**MF REC LOW VOLT FILAMENT SUPPLY TRANSFER	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
		OPTIONAL FEATURES		
		AUXILIARY RECORDER		

212-212-501 (6/2)	BV	**TF TEST**AUXILIARY RECORDING-IBM CARD	MW 18M	-----
3.2 SENDERS® -4A; 4A-DP-INC				
OFFICE TYPE 1 RETRIAL*ETS*SD-68491-01				
FOR ALL UNITS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	E	**TF TEST**MANUAL CALL	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	N	**TF TEST**S LEAD GROUND	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AA	**TF TEST**PARTIAL DIAL-DP SDRS	MW 18M	-----
	AB	**TF TEST**OPERATOR ERROR-DP SDRS	MW 18M	-----
	AC	**TF TEST**CALLED NUMBER REGISTRATION-DP SDRS	MW 18M	-----
	AD	**TF TEST**PARTIAL DIAL-LOOP DIAL 20-CYCLE	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AS	**TF TEST**TIMING VARIATION	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SEC)	MW 18M	-----
	CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----

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◆	212-216-501 (8/1)	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
◆		CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
◆		DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
◆		DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
◆		DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
◆		DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
◆		DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
◆		DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
◆		DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
◆		DH	**TF TEST**AUTO, DC	MW 18M	-----
◆		DI	**TF TEST**AUTO, MANUAL, NO AV	MW 18M	-----
◆		EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
◆	212-216-502 (1/0)	A	**TF TEST** SNDR ATTACHMENT VERIF OF DECODER CONNECTORS AND DECODER CHANLS	MW 18M	-----
◆		B	**TF TEST** DIRECTORY ASSISTANCE-NO CHRGE (CHARGE PROVISION)	MW 18M	-----
◆		C	**TF TEST** MF PULSING TEST	MW 18M	-----
◆		D	**TF TEST** SX PULSING TEST	MW 18M	-----
◆		E	**TF TEST** LOOP PULSING TEST	MW 18M	-----
◆		F	**TF TEST** MF CURRENT SUPPLY TRNSFR	MW 18M	-----
◆		G	**TF TEST** SNDR AUDIBLE RING-CAMA	MW 18M	-----
◆	212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
◆	OPTIONAL FEATURES				
◆	AUXILIARY RECORDER				
◆	212-216-501 (8/1)	AK	**TF TEST**AUX RECORDING TEST(ETS)	MW 18M	-----
◆	OFFICE TYPE 2 NON-RETRIAL*ETS*SD-68491-01				
◆	FOR ALL UNITS				
◆	212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
◆		B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
◆		C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
◆		D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
◆		E	**TF TEST**MANUAL CALL	MW 18M	-----
◆		F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
◆		G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
◆		J	**TF TEST**TX CODES	MW 18M	-----
◆		K	**TF TEST**CODE CONVERSION	MW 18M	-----
◆		L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
◆		M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
◆		N	**TF TEST**S LEAD GROUND	MW 18M	-----
◆		O	**TF TEST**ABANDONED CALL	MW 18M	-----
◆		P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
◆		R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----

212-216-501 (8/1)	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AA	**TF TEST**PARTIAL DIAL-DP SDRS	MW 18M	-----
	AB	**TF TEST**OPERATOR ERROR-DP SDRS	MW 18M	-----
	AC	**TF TEST**CALLED NUMBER REGISTRATION-DP SDRS	MW 18M	-----
	AD	**TF TEST**PARTIAL DIAL-LOOP DIAL 20-CYCLE	MW 18M	-----
	AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AS	**TF TEST**TIMING VARIATION	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
	BC	**TF TEST**SXD GLARE (W/O RETRIAL)	MW 18M	-----
	BF	**TF TEST**MF GLARE-FLASH RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BG	**TF TEST**MF GLARE-FLASH NOT RECOGNIZED (W/O RETRIAL)	MW 18M	-----
	BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
	BK	**TF TEST**TIME-OUT-UDD-LPD (W/O RETRIAL)	MW 18M	-----
	BL	**TF TEST**TIME-OUT-SXD (W/O RETRIAL)	MW 18M	-----
	BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
	BN	**TF TEST**TIME-OUT-UXS-LPD, 20-CYCLE (W/O RETRIAL)	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SEC)	MW 18M	-----
	CQ	**TF TEST**TIMING-PARTIAL DIAL INTERVAL (W/O RETRIAL)	MW 18M	-----
	CS	**TF TEST**TIMING-FLASH FWD (10 SEC) (W/O RETRIAL)	MW 18M	-----
212-216-502 (1/0)	A	**TF TEST** SNDR ATTACHMENT VERIF OF DECODER CONNECTORS AND DECODER CHANLS	MW 18M	-----

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212-216-502 (1/0)	B	**TF TEST** DIRECTORY ASSISTANCE-NO CHRGS (CHARGE PROVISION)	MW 18M
	C	**TF TEST** MF PULSING TEST	MW 18M
	D	**TF TEST** SX PULSING TEST	MW 18M
	E	**TF TEST** LOOP PULSING TEST	MW 18M
	F	**TF TEST** MF CURRENT SUPPLY TRNSFR	MW 18M
	G	**TF TEST** SNDR AUDIBLE RING-CAMA	MW 18M
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M
OPTIONAL FEATURES			
AUXILIARY RECORDER			
212-216-501 (8/1)	AK	**TF TEST**AUX RECORDING TEST (ETS)	MW 18M
OFFICE TYPE 3 RETRIAL*CARD TRANSLATOR*SD-68491-01			
FOR ALL UNITS			
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M
	C	**TF TEST**DC KEYULSE OUTPULSING	MW 18M
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M
	E	**TF TEST**MANUAL CALL	MW 18M
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M
	J	**TF TEST**TX CODES	MW 18M
	K	**TF TEST**CODE CONVERSION	MW 18M
	L	**TF TEST**RINGING SIMPLEX	MW 18M
	M	**TF TEST**20-CYCLE RINGING	MW 18M
	N	**TF TEST**S LEAD GROUND	MW 18M
	O	**TF TEST**ABANDONED CALL	MW 18M
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M
	AA	**TF TEST**PARTIAL DIAL-DP SDRS	MW 18M
	AB	**TF TEST**OPERATOR ERROR-DP SDRS	MW 18M
	AC	**TF TEST**CALLED NUMBER REGISTRATION-DP SDRS	MW 18M
	AD	**TF TEST**PARTIAL DIAL-LOOP DIAL 20-CYCLE	MW 18M
	AG	**TF TEST**12-DIGIT REORDER	MW 18M
	AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M
	AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M
	AP	**TF TEST**CODE CHECK	MW 18M

212-216-501 (8/1)	AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AS	**TF TEST**TIMING VARIATION	MW 18M	-----
	AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	CN	**TF TEST**TIMING-PERM SIGNAL (10 TO 20 SEC)	MW 18M	-----
	CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----
	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
	CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
	DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
	DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
	DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
	DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
	DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
	DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
	DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
	DH	**TF TEST**AUTO, DC	MW 18M	-----
	DI	**TF TEST**AUTO, MANUAL, NO AV	MW 18M	-----
	EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
OFFICE TYPE 4 NON-RETRIAL*CARD TRANSLATOR*SD-68491-01				
FOR ALL UNITS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	E	**TF TEST**MANUAL CALL	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	J	**TF TEST**TX CODES	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	N	**TF TEST**S LEAD GROUND	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----

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◆	212-216-501 (8/1)	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
◆		AA	**TF TEST**PARTIAL DIAL-DP SDRS	MW 18M	-----
◆		AB	**TF TEST**OPERATOR ERROR-DP SDRS	MW 18M	-----
◆		AC	**TF TEST**CALLED NUMBER REGISTRATION-DP SDRS	MW 18M	-----
◆		AD	**TF TEST**PARTIAL DIAL-LOOP DIAL 20-CYCLE	MW 18M	-----
◆		AG	**TF TEST**12-DIGIT REORDER	MW 18M	-----
◆		AI	**TF TEST**PERM SIG & REORDER FAILURE	MW 18M	-----
◆		AJ	**TF TEST**REORDER & TRBL RELEASE FAILURE TEST	MW 18M	-----
◆		AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
◆		AP	**TF TEST**CODE CHECK	MW 18M	-----
◆		AQ	**TF TEST**FLASH BACK TEST	MW 18M	-----
◆		AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
◆		AS	**TF TEST**TIMING VARIATION	MW 18M	-----
◆		AT	**TF TEST**MARKER ENGAGED TIMING RECYCLE	MW 18M	-----
◆		AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
◆		AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
◆		AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
◆		AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
◆		AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
◆		BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
◆		BC	**TF TEST**SXD GLARE (W/O RETRIAL)	MW 18M	-----
◆		BF	**TF TEST**MF GLARE-FLASH RECOGNIZED (W/O RETRIAL)	MW 18M	-----
◆		BG	**TF TEST**MF GLARE-FLASH NOT RECOGNIZED (W/O RETRIAL)	MW 18M	-----
◆		BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
◆		BK	**TF TEST**TIME-OUT-UDD-LPD (W/O RETRIAL)	MW 18M	-----
◆		BL	**TF TEST**TIME-OUT-SXD (W/O RETRIAL)	MW 18M	-----
◆		BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
◆		BN	**TF TEST**TIME-OUT-UXS-LPD, 20-CYCLE (W/O RETRIAL)	MW 18M	-----
◆		CN	**TF TEST**TIMING-PERM SIGNAL(10 TO 20 SEC)	MW 18M	-----
◆		CQ	**TF TEST**TIMING-PARTIAL DIAL INTERVAL (W/O RETRIAL)	MW 18M	-----
◆		CS	**TF TEST**TIMING-FLASH FWD (10 SEC) (W/O RETRIAL)	MW 18M	-----
◆	212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
◆	OFFICE TYPE 5 NON-RETRIAL*ETS*SD-68226-01				
◆	FOR ALL UNITS				
◆	212-212-501 (6/2)	D	**TF TEST**INTERTOLL CODE-CX IN-MF OUT	MW 18M	-----
◆		E	**TF TEST**TOLL COMPLETING CODE-CX IN-MF OUT	MW 18M	-----
◆		F	**TF TEST**TOLL COMPLETING CODE-LOOP DIAL IN-DC KEY OUT	MW 18M	-----

212-212-501 (6/2)	G	**TF TEST**REGISTER CONTROL	MW 18M	-----
	H	**TF TEST**MARKED DIGIT FEATURE-0 DIGIT MARK	MW 18M	-----
	I	**TF TEST**MARKED DIGIT FEATURE-4 DIGIT MARK	MW 18M	-----
	J	**TF TEST**MARKED DIGIT FEATURE-5 DIGIT MARK	MW 18M	-----
	K	**TF TEST**INTERDIGITAL TIMING	MW 18M	-----
	L	**TF TEST**TX CODES	MW 18M	-----
	M	**TF TEST**INCOMING CALL FROM A NO. 5 TOLL SWBD	MW 18M	-----
	N	**TF TEST**MANUAL CODE	MW 18M	-----
	O	**TF TEST**CODE CONVERSION	MW 18M	-----
	S	**TF TEST**INTERTOLL CODE-LOOP DP IN-SX DP OUT	MW 18M	-----
	T	**TF TEST**TOLL COMPL CODE-CX PULSING IN-LOOP DP OUT	MW 18M	-----
	AD	**TF TEST**"S" LEAD GROUND	MW 18M	-----
	AE	**TF TEST**ABANDONED CALL	MW 18M	-----
	AF	**TF TEST**FRAME IDENTIFICATION FAILURE	MW 18M	-----
	AG	**TF TEST**REVERSE MF PATH	MW 18M	-----
	AH	**TF TEST**FLASH BACK FEATURE	MW 18M	-----
	AI	**TF TEST**TWELVE DIGIT REORDER	MW 18M	-----
	AJ	**TF TEST**INTERSENDER LOAD CONT TMR-SHORT DELAY	MW 18M	-----
	AK	**TF TEST**INTERSENDER LOAD CONT TMR-LONG DELAY	MW 18M	-----
	AL	**TF TEST**INTERSENDER LOAD CONT TMR-"PRO" ROUTING	MW 18M	-----
	AM	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	AN	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	AO	**TF TEST**RECORD STUCK SENDER-CHAIN AVAILABLE	MW 18M	-----
	AP	**TF TEST**RECORD SS-CHAIN NOT AVAILABLE	MW 18M	-----
	AQ	**TF TEST**GLARE TEST-SIMPLEX DIAL PULSING OUT	MW 18M	-----
	AR	**TF TEST**EXPECTED DIAL DELAY	MW 18M	-----
	AS	**TF TEST**EXPECTED STOP DIAL	MW 18M	-----
	AT	**TF TEST**RINGING CHECK	MW 18M	-----
	AU	**TF TEST**OPERATION TEST OF TG AND OF RELAYS	MW 18M	-----
	AV	**TF TEST**TGT FAILURE	MW 18M	-----
	AW	**TF TEST**PULSE ABSORPTION	MW 18M	-----
	AX	**TF TEST**REVERSE TRUNK TEST	MW 18M	-----
	AY	**TF TEST**CHAIN CIRCUIT FEATURE	MW 18M	-----
	AZ	**TF TEST**MF CURRENT SUPPLY TRANSFER FEATURE	MW 18M	-----
	BA	**TF TEST**PERM SIGNAL TIME-OUT	MW 18M	-----
	BB	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	BC	**TF TEST**REORDER AND TBL RELEASE FAILURE TIME-OUT	MW 18M	-----

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212-212-501 (6/2)	BD	**TF TEST**DP SDR TIME-OUT-8 DIGITS REGISTERED	MW 18M	-----
	BF	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT AVAIL.	MW 18M	-----
	BG	**TF TEST**STUCK SDR TIME-OUT-CHAIN CKT NOT AVAIL.	MW 18M	-----
	BH	**TF TEST**REORDER FAILURE TIME-OUT-STUCK SENDER	MW 18M	-----
	BI	**TF TEST**UNEXPECTED DEL DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BJ	**TF TEST**UNEXPECTED STOP DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BK	**TF TEST**CONT OFF-HOOK COND TIME-OUT-SX DP OUT	MW 18M	-----
	BL	**TF TEST**GLARE TIME-OUT SIM SZRE OF MFP 2-WAY TRK	MW 18M	-----
	BM	**TF TEST**SDR DOES NOT COMPL SLV CHK TIME-OUT-MFP OUT	MW 18M	-----
	BN	**TF TEST**GLARE TIME-OUT-FLASH NOT RECOGNIZED	MW 18M	-----
	BO	**TF TEST**CONT STOP SIG TIME-OUT-SX DL-EXPT DL DEL CALL	MW 18M	-----
	BP	**TF TEST**TMG VAR CONT & MKR ENGAGED RECYCLE FEAT.	MW 18M	-----
	BS	**TF TEST**TOLL COMPL CODE, WET-DRY, CONT RING	MW 18M	-----
	BW	**TF TEST**TELETYPEWRITER PRINTOUT	MW 18M	-----
212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
OPTIONAL FEATURES				
AUXILIARY RECORDER				
212-212-501 (6/2)	BV	**TF TEST**AUXILIARY RECORDING-IBM CARD	MW 18M	-----
OFFICE TYPE 6 NON-RETRIAL*CARD TRANSLATOR*SD-68226-01				
FOR ALL UNITS				
212-212-501 (6/2)	D	**TF TEST**INTERTOLL CODE-CX IN-MF OUT	MW 18M	-----
	E	**TF TEST**TOLL COMPLETING CODE-CX IN-MF OUT	MW 18M	-----
	F	**TF TEST**TOLL COMPLETING CODE-LOOP DIAL IN-DC KEY OUT	MW 18M	-----
	G	**TF TEST**REGISTER CONTROL	MW 18M	-----
	H	**TF TEST**MARKED DIGIT FEATURE-0 DIGIT MARK	MW 18M	-----
	I	**TF TEST**MARKED DIGIT FEATURE-4 DIGIT MARK	MW 18M	-----
	J	**TF TEST**MARKED DIGIT FEATURE-5 DIGIT MARK	MW 18M	-----
	K	**TF TEST**INTERDIGITAL TIMING	MW 18M	-----
	L	**TF TEST**TX CODES	MW 18M	-----
	M	**TF TEST**INCOMING CALL FROM A NO. 5 TOLL SWBD	MW 18M	-----
	N	**TF TEST**MANUAL CODE	MW 18M	-----
	O	**TF TEST**CODE CONVERSION	MW 18M	-----
	P	**TF TEST**6 DIGIT TRANSLATION	MW 18M	-----

212-212-501 (6/2)	S	***TF TEST**INTERTOLL CODE-LOOP DP IN-SX DP OUT	MW 18M	-----
	T	***TF TEST**TOLL COMPL CODE-CX PULSING IN-LOOP DP OUT	MW 18M	-----
	AD	***TF TEST**"S" LEAD GROUND	MW 18M	-----
	AE	***TF TEST**ABANDONED CALL	MW 18M	-----
	AF	***TF TEST**FRAME IDENTIFICATION FAILURE	MW 18M	-----
	AG	***TF TEST**REVERSE MF PATH	MW 18M	-----
	AH	***TF TEST**FLASH BACK FEATURE	MW 18M	-----
	AI	***TF TEST**TWELVE DIGIT REORDER	MW 18M	-----
	AJ	***TF TEST**INTERSENDER LOAD CONT TMR-SHORT DELAY	MW 18M	-----
	AK	***TF TEST**INTERSENDER LOAD CONT TMR-LONG DELAY	MW 18M	-----
	AL	***TF TEST**INTERSENDER LOAD CONT TMR-"PRO" ROUTING	MW 18M	-----
	AM	***TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	AN	***TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	AO	***TF TEST**RECORD STUCK SENDER-CHAIN AVAILABLE	MW 18M	-----
	AP	***TF TEST**RECORD SS-CHAIN NOT AVAILABLE	MW 18M	-----
	AQ	***TF TEST**GLARE TEST-SIMPLEX DIAL PULSING OUT	MW 18M	-----
	AR	***TF TEST**EXPECTED DIAL DELAY	MW 18M	-----
	AS	***TF TEST**EXPECTED STOP DIAL	MW 18M	-----
	AT	***TF TEST**RINGING CHECK	MW 18M	-----
	AU	***TF TEST**OPERATION TEST OF TG AND OF RELAYS	MW 18M	-----
	AV	***TF TEST**TGT FAILURE	MW 18M	-----
	AW	***TF TEST**PULSE ABSORPTION	MW 18M	-----
	AX	***TF TEST**REVERSE TRUNK TEST	MW 18M	-----
	AY	***TF TEST**CHAIN CIRCUIT FEATURE	MW 18M	-----
	AZ	***TF TEST**MF CURRENT SUPPLY TRANSFER FEATURE	MW 18M	-----
	BA	***TF TEST**PERM SIGNAL TIME-OUT	MW 18M	-----
	BB	***TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	BC	***TF TEST**REORDER AND TBL RELEASE FAILURE TIME-OUT	MW 18M	-----
	BD	***TF TEST**DP SDR TIME-OUT-8 DIGITS REGISTERED	MW 18M	-----
	BF	***TF TEST**STUCK SDR TIME-OUT-CHAIN CKT AVAIL.	MW 18M	-----
	BG	***TF TEST**STUCK SDR TIME-OUT-CHAIN CKT NOT AVAIL.	MW 18M	-----
	BH	***TF TEST**REORDER FAILURE TIME-OUT-STUCK SENDER	MW 18M	-----
	BI	***TF TEST**UNEXPECTED DEL DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----
	BJ	***TF TEST**UNEXPECTED STOP DIAL TIME-OUT-LOOP DIAL CALL	MW 18M	-----

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◆	212-212-501 (6/2)	BK	**TF TEST**CONT OFF-HOOK COND TIME-OUT-SX DP OUT	MW 18M	-----
◆		BL	**TF TEST**GLARE TIME-OUT-SIM SZRE OF MFP 2-WAY TRK	MW 18M	-----
◆		BM	**TF TEST**SDR DOES NOT COMPL SLV CHK TIME-OUT-MFP OUT	MW 18M	-----
◆		BN	**TF TEST**GLARE TIME-OUT-FLASH NOT RECOGNIZED	MW 18M	-----
◆		BO	**TF TEST**CONT STOP SIG TIME-OUT-SX DL-EXPT DL DEL CALL	MW 18M	-----
◆		BP	**TF TEST**TMG VAR CONT & MKR ENGAGED RECYCLE FEAT.	MW 18M	-----
◆		BS	**TF TEST**TOLL COMPL CODE, WET-DRY, CONT RING	MW 18M	-----
◆	212-330-501 (10/0)	S	INCOMING MF & DP SENDERS	MW 18M	-----
◆	OPTIONAL FEATURES				
◆	AUXILIARY RECORDER				
◆	212-212-501 (6/2)	BV	**TF TEST**AUXILIARY RECORDING-IBM CARD	MW 18M	-----
◆	3.3 SENDERS® -4A; 4A-CAMA				
◆	OFFICE TYPE 1 RETRIAL*ETS*SD-68491-01				
◆	FOR ALL UNITS				
◆	212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
◆		B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
◆		C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
◆		D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
◆		F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
◆		G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
◆		H	**TF TEST**CAMA TOLL INFORMATION CODES	MW 18M	-----
◆		I	**TF TEST**CAMA DIRECTORY ASSISTANCE	MW 18M	-----
◆		K	**TF TEST**CODE CONVERSION	MW 18M	-----
◆		L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
◆		M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
◆		O	**TF TEST**ABANDONED CALL	MW 18M	-----
◆		P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
◆		R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
◆		S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
◆		T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
◆		V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
◆		W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
◆		X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
◆		Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
◆		AF	**TF TEST**3-PREQ DIGIT	MW 18M	-----
◆		AH	**TF TEST**11-DIGIT REORDER	MW 18M	-----
◆		AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----

212-216-501 (8/1)	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	BQ	**TF TEST**SUSPEND CAMA	MW 18M	-----
	BR	**TF TEST**CROSSED SUSPEND CAMA LEADS	MW 18M	-----
	BS	**TF TEST**OPERATOR ATTACHED FAILURE-CAMA	MW 18M	-----
	BT	**TF TEST**OPERATOR 3-FREQUENCY DIGIT ERROR-CAMA	MW 18M	-----
	BU	**TF TEST**OPERATOR ERROR-EXTRA DIGIT-CAMA	MW 18M	-----
	BV	**TF TEST**SECOND OPERATOR ERROR-CAMA	MW 18M	-----
	BW	**TF TEST**ANI FAILURE-EXTRA DIGIT-CAMA	MW 18M	-----
	BX	**TF TEST**ANI FAILURE-FALSE TENS FREQUENCY-CAMA	MW 18M	-----
	BY	**TF TEST**ANI FAILURE-PARTIAL DIGITS-CAMA	MW 18M	-----
	BZ	**TF TEST**TRUNK OBSERVING-CAMA	MW 18M	-----
	CA	**TF TEST**TRK OBSERVING REORDER POSITION POSITION-CAMA	MW 18M	-----
	CB	**TF TEST**REORDER POSITION-CAMA	MW 18M	-----
	CC	**TF TEST**LOCAL CALL INTERCEPT CODE-CAMA	MW 18M	-----
	CD	**TF TEST**UNAUTHORIZED CODE ROUTE-CAMA	MW 18M	-----
	CE	**TF TEST**E-DIGIT UNBLOCKING-CAMA	MW 18M	-----
	CF	**TF TEST**TIMING-TM TUBE (10 TO 20 SEC)-CAMA	MW 18M	-----
	CG	**TF TEST**TIMING-TM TUBE (20 TO 30 SEC)-CAMA	MW 18M	-----
	CH	**TF TEST**TIMING-TM TUBE (5 TO 10 SEC)-CAMA	MW 18M	-----
	CI	**TF TEST**TIMING-OVERLOAD (3 TO 8 SEC)-CAMA	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CT	**TF TEST**ANY POSITION-CAMA	MW 18M	-----
	CU	**TF TEST**PARTICULAR POSITION-CAMA	MW 18M	-----
	CV	**TF TEST**DIGIT RESET-CAMA	MW 18M	-----
	CW	**TF TEST**POSITION DISCONNECT-CAMA	MW 18M	-----
	CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----
	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
	CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
	DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
	DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----
	DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
	DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
	DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
	DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
	DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----

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212-216-501 (8/1)	DH	**TF TEST**AUTO, DC	MW 18M	-----
	DJ	**TF TEST**AUTO-CAMA-DIRECTORY ASST, NO AV	MW 18M	-----
	EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
212-216-502 (1/0)	A	**TF TEST** SNDR ATTACHMENT VERIF OF DECODER CONNECTORS AND DECODER CHANLS	MW 18M	-----
	B	**TF TEST** DIRECTORY ASSISTANCE-NO CHRGE (CHARGE PROVISION)	MW 18M	-----
	C	**TF TEST** MF PULSING TEST	MW 18M	-----
	D	**TF TEST** SX PULSING TEST	MW 18M	-----
	E	**TF TEST** LOOP PULSING TEST	MW 18M	-----
	F	**TF TEST** MF CURRENT SUPPLY TRNSFR	MW 18M	-----
	G	**TF TEST** SNDR AUDIBLE RING-CAMA	MW 18M	-----
212-330-501 (10/0)	AK	CAMA SENDER	MW 18M	-----
OPTIONAL FEATURES				
AUXILIARY RECORDER				
212-216-501 (8/1)	AK	**TF TEST**AUX RECORDING TEST(ETS)	MW 18M	-----
OFFICE TYPE 2 NON-RETRIAL*ETS*SD-68491-01				
FOR ALL UNITS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	H	**TF TEST**CAMA TOLL INFORMATION CODES	MW 18M	-----
	I	**TF TEST**CAMA DIRECTORY ASSISTANCE	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AH	**TF TEST**11-DIGIT REORDER	MW 18M	-----
	AL	**TF TEST**TTY PRINTOUT (ETS)	MW 18M	-----

212-216-501 (8/1)	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----
	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AZ	**TF TEST**STUCK SENDER TONE (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
	BB	**TF TEST**SXD GLARE-CAMA (W/O RETRIAL)	MW 18M	-----
	BD	**TF TEST**MF GLARE-FLASH RECOGNIZED-CAMA (W/O RETRIAL)	MW 18M	-----
	BE	**TF TEST**MF GLARE-FLASH NOTRECOGNIZED-CAMA (W/O RETRIAL)	MW 18M	-----
	BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
	BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
	BO	**TF TEST**TIME-OUT UDD-LPD-CAMA (W/O RETRIAL)	MW 18M	-----
	BP	**TF TEST**TIME-OUT-SXD-CAMA (W/O RETRIAL)	MW 18M	-----
	BQ	**TF TEST**SUSPEND CAMA	MW 18M	-----
	BR	**TF TEST**CROSSED SUSPEND CAMA LEADS	MW 18M	-----
	BS	**TF TEST**OPERATOR ATTACHED FAILURE-CAMA	MW 18M	-----
	BT	**TF TEST**OPERATOR 3-FREQUENCY DIGIT ERROR-CAMA	MW 18M	-----
	BU	**TF TEST**OPERATOR ERROR-EXTRA DIGIT-CAMA	MW 18M	-----
	BV	**TF TEST**SECOND OPERATOR ERROR-CAMA	MW 18M	-----
	BW	**TF TEST**ANI FAILURE-EXTRA DIGIT-CAMA	MW 18M	-----
	BX	**TF TEST**ANI FAILURE-FALSE TENS FREQUENCY-CAMA	MW 18M	-----
	BY	**TF TEST**ANI FAILURE-PARTIAL DIGITS-CAMA	MW 18M	-----
	BZ	**TF TEST**TRUNK OBSERVING-CAMA	MW 18M	-----
	CA	**TF TEST**TRK OBSERVING REORDER POSITION POSITION-CAMA	MW 18M	-----
	CB	**TF TEST**REORDER POSITION-CAMA	MW 18M	-----
	CC	**TF TEST**LOCAL CALL INTERCEPT CODE-CAMA	MW 18M	-----
	CD	**TF TEST**UNAUTHORIZED CODE ROUTE-CAMA	MW 18M	-----
	CE	**TF TEST**E-DIGIT UNBLOCKING-CAMA	MW 18M	-----
	CF	**TF TEST**TIMING-TM TUBE (10 TO 20 SEC)-CAMA	MW 18M	-----
	CG	**TF TEST**TIMING-TM TUBE (20 TO 30 SEC)-CAMA	MW 18M	-----
	CH	**TF TEST**TIMING-TM TUBE (5 TO 10 SEC)-CAMA	MW 18M	-----
	CI	**TF TEST**TIMING-OVERLOAD (3 TO 8 SEC)-CAMA	MW 18M	-----

212-216-501 (8/1)	CJ	**TF TEST**TIMING-TT TUBE (20 TO 30 SEC)-CAMA (W/O RETRIAL)	MW 18M	-----
	CK	**TF TEST**TIMING-TT TUBE (10 TO 30 SEC)-CAMA (W/O RETRIAL)	MW 18M	-----
	CL	**TF TEST**TIMING-ATT TUBE (2 TO 3 SEC)-CAMA (W/O RETRIAL)	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CT	**TF TEST**ANY POSITION-CAMA	MW 18M	-----
	CU	**TF TEST**PARTICULAR POSITION-CAMA	MW 18M	-----
	CV	**TF TEST**DIGIT RESET-CAMA	MW 18M	-----
	CW	**TF TEST**POSITION DISCONNECT-CAMA	MW 18M	-----
212-216-502 (1/0)	A	**TF TEST** SNDR ATTACHMENT VERIF OF DECODER CONNECTORS AND DECODER CHANLS	MW 18M	-----
	B	**TF TEST** DIRECTORY ASSISTANCE-NO CHRGS (CHARGE PROVISION)	MW 18M	-----
	C	**TF TEST** MF PULSING TEST	MW 18M	-----
	D	**TF TEST** SX PULSING TEST	MW 18M	-----
	E	**TF TEST** LOOP PULSING TEST	MW 18M	-----
	F	**TF TEST** MF CURRENT SUPPLY TRNSFR	MW 18M	-----
	G	**TF TEST** SNDR AUDIBLE RING-CAMA	MW 18M	-----
212-330-501 (10/0)	AK	CAMA SENDER	MW 18M	-----
OPTIONAL FEATURES				
AUXILIARY RECORDER				
212-216-501 (8/1)	AK	**TF TEST**AUX RECORDING TEST (ETS)	MW 18M	-----
OFFICE TYPE 3 RETRIAL*CARD TRANSLATOR*SD-68491-01				
FOR ALL UNITS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	H	**TF TEST**CAMA TOLL INFORMATION CODES	MW 18M	-----
	I	**TF TEST**CAMA DIRECTORY ASSISTANCE	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----

212-216-501 (8/1)	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AH	**TF TEST**11-DIGIT REORDER	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	BQ	**TF TEST**SUSPEND CAMA	MW 18M	-----
	BR	**TF TEST**CROSSED SUSPEND CAMA LEADS	MW 18M	-----
	BS	**TF TEST**OPERATOR ATTACHED FAILURE-CAMA	MW 18M	-----
	BT	**TF TEST**OPERATOR 3-FREQUENCY DIGIT ERROR-CAMA	MW 18M	-----
	BU	**TF TEST**OPERATOR ERROR-EXTRA DIGIT-CAMA	MW 18M	-----
	BV	**TF TEST**SECOND OPERATOR ERROR-CAMA	MW 18M	-----
	BW	**TF TEST**ANI FAILURE-EXTRA DIGIT-CAMA	MW 18M	-----
	BX	**TF TEST**ANI FAILURE-FALSE TENS FREQUENCY-CAMA	MW 18M	-----
	BY	**TF TEST**ANI FAILURE-PARTIAL DIGITS-CAMA	MW 18M	-----
	BZ	**TF TEST**TRUNK OBSERVING-CAMA	MW 18M	-----
	CA	**TF TEST**TRK OBSERVING REORDER POSITION-CAMA	MW 18M	-----
	CB	**TF TEST**REORDER POSITION-CAMA	MW 18M	-----
	CC	**TF TEST**LOCAL CALL INTERCEPT CODE-CAMA	MW 18M	-----
	CD	**TF TEST**UNAUTHORIZED CODE ROUTE-CAMA	MW 18M	-----
	CE	**TF TEST**E-DIGIT UNBLOCKING-CAMA	MW 18M	-----
	CF	**TF TEST**TIMING-TM TUBE (10 TO 20 SEC)-CAMA	MW 18M	-----
	CG	**TF TEST**TIMING-TM TUBE (20 TO 30 SEC)-CAMA	MW 18M	-----
	CH	**TF TEST**TIMING-TM TUBE (5 TO 10 SEC)-CAMA	MW 18M	-----
	CI	**TF TEST**TIMING-OVERLOAD (3 TO 8 SEC)-CAMA	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CT	**TF TEST**ANY POSITION-CAMA	MW 18M	-----
	CU	**TF TEST**PARTICULAR POSITION-CAMA	MW 18M	-----
	CV	**TF TEST**DIGIT RESET-CAMA	MW 18M	-----
	CW	**TF TEST**POSITION DISCONNECT-CAMA	MW 18M	-----
	CX	**TF TEST**AUTO, MF, CDLC	MW 18M	-----
	CY	**TF TEST**AUTO, MF, DLC	MW 18M	-----
	CZ	**TF TEST**AUTO, SXD, XDD	MW 18M	-----
	DA	**TF TEST**AUTO, SXD, NO XDD	MW 18M	-----
	DB	**TF TEST**AUTO, SXD, NO XSG	MW 18M	-----

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212-216-501 (8/1)	DC	**TF TEST**AUTO, SXD, XSG	MW 18M	-----
	DD	**TF TEST**AUTO, LPD, XDD	MW 18M	-----
	DE	**TF TEST**AUTO, LPD, NO XDD	MW 18M	-----
	DF	**TF TEST**AUTO, LPD, NO XSG	MW 18M	-----
	DG	**TF TEST**AUTO, LPD, XSG	MW 18M	-----
	DH	**TF TEST**AUTO, DC	MW 18M	-----
	DJ	**TF TEST**AUTO-CAMA-DIRECTORY ASST, NO AV	MW 18M	-----
	EN	**TF TEST**FINAL ATTEMPT TIMING	MW 18M	-----
212-330-501 (10/0)	AK	CAMA SENDER	MW 18M	-----
OFFICE TYPE 4 NON-RETRIAL*CARD TRANSLATOR*SD-68491-01				
FOR ALL UNITS				
212-216-501 (8/1)	A	**TF TEST**MF OUTPULSING-10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**LOOP DIAL OUTPULSING-7-DIGIT	MW 18M	-----
	C	**TF TEST**DC KEYPULSE OUTPULSING	MW 18M	-----
	D	**TF TEST**SIMPLEX DIAL OUTPULSING	MW 18M	-----
	F	**TF TEST**MF OUTPULSING-7-DIGIT	MW 18M	-----
	G	**TF TEST**LOOP DIAL OUTPULSING-10-DIGIT	MW 18M	-----
	H	**TF TEST**CAMA TOLL INFORMATION CODES	MW 18M	-----
	I	**TF TEST**CAMA DIRECTORY ASSISTANCE	MW 18M	-----
	K	**TF TEST**CODE CONVERSION	MW 18M	-----
	L	**TF TEST**RINGING SIMPLEX	MW 18M	-----
	M	**TF TEST**20-CYCLE RINGING	MW 18M	-----
	O	**TF TEST**ABANDONED CALL	MW 18M	-----
	P	**TF TEST**FRAME IDENT FAILURE	MW 18M	-----
	R	**TF TEST**THIRD TRIAL REORDER	MW 18M	-----
	S	**TF TEST**THIRD TRIAL TROUBLE RELEASE	MW 18M	-----
	T	**TF TEST**TRUNK GUARD TIMING FEATURE	MW 18M	-----
	U	**TF TEST**TG AND OF RELAY TEST (W/O RETRIAL)	MW 18M	-----
	V	**TF TEST**PERM SIG TIME-OUT	MW 18M	-----
	W	**TF TEST**FALSE KEY PULSE	MW 18M	-----
	X	**TF TEST**3-FREQ KEY PULSE	MW 18M	-----
	Y	**TF TEST**PARTIAL DIAL TIME-OUT NON-RETRIAL	MW 18M	-----
	AF	**TF TEST**3-FREQ DIGIT	MW 18M	-----
	AH	**TF TEST**11-DIGIT REORDER	MW 18M	-----
	AM	**TF TEST**START PULSE ERROR	MW 18M	-----
	AO	**TF TEST**PRONOUNCEMENT REORDER	MW 18M	-----
	AP	**TF TEST**CODE CHECK	MW 18M	-----
	AR	**TF TEST**MF CURRENT SUPPLY TRANSFER	MW 18M	-----
	AU	**TF TEST**OVERLOAD TIMING-SHORT DELAY	MW 18M	-----
	AV	**TF TEST**RCD SS-CARD & OGTI (W/O RETRIAL)	MW 18M	-----
	AW	**TF TEST**RCD SS-CARD (W/O RETRIAL)	MW 18M	-----

212-216-501 (8/1)	AX	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AY	**TF TEST**RCD SS-NO CARD (W/O RETRIAL)	MW 18M	-----
	AZ	**TF TEST**STUCK SENDER TONE (W/O RETRIAL)	MW 18M	-----
	BA	**TF TEST**REVERSED TRUNK (W/O RETRIAL)	MW 18M	-----
	BB	**TF TEST**SXD GLARE-CAMA (W/O RETRIAL)	MW 18M	-----
	BD	**TF TEST**MF GLARE-FLASH RECOGNIZED-CAMA (W/O RETRIAL)	MW 18M	-----
	BE	**TF TEST**MF GLARE-FLASH NOTRECOGNIZED-CAMA (W/O RETRIAL)	MW 18M	-----
	BJ	**TF TEST**PREL SL FAILURE (W/O RETRIAL)	MW 18M	-----
	BM	**TF TEST**TIME-OUT-CONTINUOUS STOP-SXD, XDD (W/O RETRIAL)	MW 18M	-----
	BO	**TF TEST**TIME-OUT UDD-LPD-CAMA (W/O RETRIAL)	MW 18M	-----
	BP	**TF TEST**TIME-OUT-SXD-CAMA (W/O RETRIAL)	MW 18M	-----
	BQ	**TF TEST**SUSPEND CAMA	MW 18M	-----
	BR	**TF TEST**CROSSED SUSPEND CAMA LEADS	MW 18M	-----
	BS	**TF TEST**OPERATOR ATTACHED FAILURE-CAMA	MW 18M	-----
	BT	**TF TEST**OPERATOR 3-FREQUENCY DIGIT ERROR-CAMA	MW 18M	-----
	BU	**TF TEST**OPERATOR ERROR-EXTRA DIGIT-CAMA	MW 18M	-----
	BV	**TF TEST**SECOND OPERATOR ERROR-CAMA	MW 18M	-----
	BW	**TF TEST**ANI FAILURE-EXTRA DIGIT-CAMA	MW 18M	-----
	BX	**TF TEST**ANI FAILURE-FALSE TENS FREQUENCY-CAMA	MW 18M	-----
	BY	**TF TEST**ANI FAILURE-PARTIAL DIGITS-CAMA	MW 18M	-----
	BZ	**TF TEST**TRUNK OBSERVING-CAMA	MW 18M	-----
	CA	**TF TEST**TRK OBSERVING REORDER POSITION-CAMA	MW 18M	-----
	CB	**TF TEST**REORDER POSITION-CAMA	MW 18M	-----
	CC	**TF TEST**LOCAL CALL INTERCEPT CODE-CAMA	MW 18M	-----
	CD	**TF TEST**UNAUTHORIZED CODE ROUTE-CAMA	MW 18M	-----
	CE	**TF TEST**E-DIGIT UNBLOCKING-CAMA	MW 18M	-----
	CF	**TF TEST**TIMING-TM TUBE (10 TO 20 SEC)-CAMA	MW 18M	-----
	CG	**TF TEST**TIMING-TM TUBE (20 TO 30 SEC)-CAMA	MW 18M	-----
	CH	**TF TEST**TIMING-TM TUBE (5 TO 10 SEC)-CAMA	MW 18M	-----
	CI	**TF TEST**TIMING-OVERLOAD (3 TO 8 SEC)-CAMA	MW 18M	-----
	CJ	**TF TEST**TIMING-TT TUBE (20 TO 30 SEC)-CAMA (W/O RETRIAL)	MW 18M	-----
	CK	**TF TEST**TIMING-TT TUBE (10 TO 20 SEC)-CAMA (W/O RETRIAL)	MW 18M	-----
	CL	**TF TEST**TIMING-ATT TUBE (2 TO 3 SEC)-CAMA (W/O RETRIAL)	MW 18M	-----
	CP	**TF TEST**PULSE GENERATOR	MW 18M	-----
	CT	**TF TEST**ANY POSITION-CAMA	MW 18M	-----
	CU	**TF TEST**PARTICULAR POSITION-CAMA	MW 18M	-----

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212-216-501	(8/1)	CV	**TF TEST**DIGIT RESET-CAMA	MW 18M	-----
		CW	**TF TEST**POSITION DISCONNECT-CAMA	MW 18M	-----
212-330-501	(10/0)	AK	CAMA SENDER	MW 18M	-----
TROUBLE TESTS					
212-216-501	(8/1)	DL	MANUAL MF, CDLC (CT2)	TT	-----
		DM	MANUAL MF, DLC (CT2)	TT	-----
		DN	MANUAL SXD, XDD (CT2)	TT	-----
		DO	MANUAL SXD, NO XDD (CT2)	TT	-----
		DP	MANUAL SXD, NO XSG (CT2)	TT	-----
		DQ	MANUAL SXD, XSG, (CT2)	TT	-----
		DR	MANUAL LPD, XDD (CT2)	TT	-----
		DS	MANUAL LPD, NO XDD (CT2)	TT	-----
		DT	MANUAL LPD, NO XSG (CT2)	TT	-----
		DU	MANUAL LPD, XSG (CT2)	TT	-----
		DV	MANUAL-DC (CT2)	TT	-----
		DW	MANUAL-NO AV (CT2)	TT	-----
		DX	MANUAL-CAMA-DIRECTORY ASST, NO AV (CT2)	TT	-----
		DY	MANUAL-CAMA-TOLL INFO, NO AV (CT2)	TT	-----
		DZ	MANUAL MF, CDLC (FA)	TT	-----
		EA	MANUAL MF, DLC (FA)	TT	-----
		EB	MANUAL SXD, XDD (FA)	TT	-----
		EC	MANUAL SXD, NO XDD (FA)	TT	-----
		ED	MANUAL SXD, NO XSG (FA)	TT	-----
		EE	MANUAL SXD, XSG (FA)	TT	-----
		EF	MANUAL LPD, XDD (FA)	TT	-----
		EG	MANUAL LPD, NO XDD (FA)	TT	-----
		EH	MANUAL LPD, NO XSG (FA)	TT	-----
		EI	MANUAL LPD, XSG (FA)	TT	-----
		EJ	MANUAL DC (FA)	TT	-----
		EK	MANUAL	TT	-----
		EL	MANUAL-CAMA-DIRECTORY ASST, NO AV	TT	-----
3.4 SENDERS® -4A; OG-SDR-4A					
FOR ALL UNITS					
212-220-501	(3/0)	A	**TF TEST**REGULAR CALL-AUTO RINGING	MW 18M	-----
		B	**TF TEST**REGULAR CALL-CONTROLLED RINGING	MW 18M	-----
		C	**TF TEST**COUNTING RELAYS	MW 18M	-----
		D	**TF TEST**RELEASE TEST OF STP RELAYS	MW 18M	-----
		E	**TF TEST**INCOMING OVERFLOW	MW 18M	-----
		F	**TF TEST**ABANDONED CALL	MW 18M	-----
		G	**TF TEST**REGULAR CALL	MW 18M	-----
		H	**TF TEST**FAST ASSIGNMENT	MW 18M	-----

◆	212-220-501 (3/0)	I	**TF TEST**ABANDONED CALL-BEFORE ASSIGNMENT	MW 18M	-----
◆		J	**TF TEST**ABANDONED CALL-AFTER ASSIGNMENT	MW 18M	-----
◆		K	**TF TEST**CAPACITY TEST	MW 18M	-----
◆		L	**TF TEST**REGISTER CONTROL	MW 18M	-----
◆		M	**TF TEST**PREMATURE START PULSE	MW 18M	-----
◆		N	**TF TEST**S LEAD GROUND	MW 18M	-----
◆		O	**TF TEST**CLASS REGISTRATION FAILURE	MW 18M	-----
◆		P	**TF TEST**CHAIN CIRCUIT FEATURES	MW 18M	-----
◆		Q	**TF TEST**REVERTIVE TIME-OUT-NO DIGITS REGISTERED	MW 18M	-----
◆		R	**TF TEST**REVERTIVE TIME-OUT-ONE DIGIT REGISTERED	MW 18M	-----
◆		S	**TF TEST**RP FOUR-DIGIT TIME-OUT-NO START PULSE	MW 18M	-----
◆		T	**TF TEST**RP FOUR-DIGIT TIME-OUT-NO KEY RELEASE	MW 18M	-----
◆		U	**TF TEST**PCI FIVE-DIGIT TIME-OUT-NO START PULSE	MW 18M	-----
◆		V	**TF TEST**OPEN TRUNK TIME-OUT	MW 18M	-----
◆		W	**TF TEST**PCI REVERSED TRUNK TIMEOUT	MW 18M	-----
◆		X	**TF TEST**TIME-OUT AWAIT TERM. SDR SEIZURES-SS	MW 18M	-----
◆		Y	**TF TEST**TIME-OUT AWAITING ASSIGNMENT-STUCK SDR	MW 18M	-----
◆		Z	**TF TEST**TIME-OUT AWAIT TERM. SDR SEIZURE-IMED RLS	MW 18M	-----
◆		AA	**TF TEST**TIME-OUT AWAIT ASSIGN-IMMEDIATE RLS	MW 18M	-----
◆		AB	**TF TEST**TIME-OUT AFTER TERM. SENDER SEIZURE	MW 18M	-----
◆		AC	**TF TEST**STUCK SENDER DUE TO CTR KEY OPERATION	MW 18M	-----
◆		AD	**TF TEST**REORDER AFTER TIME-OUT	MW 18M	-----
◆		AE	**TF TEST**TIME-OUT AFTER CUT-THROUGH	MW 18M	-----
◆	212-330-501 (10/0)	U	OUTGOING SENDER	MW 18M	-----

◆ 3.5 SENDERS® -4A; INC OP REG-4A

◆ SELECT ONLY ONE CATEGORY

◆ INC-DP REGISTER NON CAMA

◆	212-217-501 (6/0)	A	**TF TEST**10-DIGIT CALL	MW 18M	-----
◆		B	**TF TEST**7-DIGIT CALL	MW 18M	-----
◆		C	**TF TEST**TOLL INF CODE 411 (THREE DIGIT)	MW 18M	-----
◆		D	**TF TEST**REG FAILS TO REGISTER DIGITS	MW 18M	-----
◆		E	**TF TEST**LINK ALM & STUCK REG	MW 18M	-----
◆		F	**TF TEST**PERM SIG TEST	MW 18M	-----
◆		G	**TF TEST**SDR REQ NO SDR ATT	MW 18M	-----
◆		H	**TF TEST**PARTIAL DIAL	MW 18M	-----

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212-217-501 (6/0)	J	**TF TEST**REG FAILS TO OUTPUT (NON-CAMA ONLY)	MW 18M	-----
	L	**TF TEST**TIMING TEST (WITH PRETRANSLATOR)	MW 18M	-----
	N	**TF TEST**END OF DIALING TIMING (PRETRANSLATOR)	MW 18M	-----
	O	**TF TEST**11-DIGIT-0XX XXX XXXXX (NON-CAMA ONLY)	MW 18M	-----
	P	**TF TEST**11-DIGIT-1XX XXX XXXXX (NON-CAMA ONLY)	MW 18M	-----
	Q	**TF TEST**7-DIGIT-NXX XXXX (NON-CAMA ONLY)	MW 18M	-----
	R	**TF TEST**10-DIGIT-NO/1X XXXXXXX (NON-CAMA ONLY)	MW 18M	-----
	S	**TF TEST**INTERDIGITAL TIME-OUT (NON-CAMA ONLY)	MW 18M	-----
	AC	**TF TEST**REG FAILS TO REG DIGITS	MW *	-----
	AD	**TF TEST**LINK ALARM AND STUCK REGISTER TEST	MW *	-----
	AH	**TF TEST**REG FAILS TO OUTPUT DIGITS	MW *	-----
212-330-501 (10/0)	T	INCOMING REGISTER	MW 18M	-----
INC-DP REGISTER CAMA				
212-217-501 (6/0)	A	**TF TEST**10-DIGIT CALL	MW 18M	-----
	B	**TF TEST**7-DIGIT CALL	MW 18M	-----
	C	**TF TEST**TOLL INF CODE 411 (THREE DIGIT)	MW 18M	-----
	D	**TF TEST**REG FAILS TO REGISTER DIGITS	MW 18M	-----
	E	**TF TEST**LINK ALM. & STUCK REG	MW 18M	-----
	F	**TF TEST**PERM SIG TEST	MW 18M	-----
	G	**TF TEST**SDR REQ NO SDR ATT	MW 18M	-----
	H	**TF TEST**PARTIAL DIAL	MW 18M	-----
	I	**TF TEST**REG FAILS TO OUTPUT (CAMA ONLY)	MW 18M	-----
	K	**TF TEST**TROUBLE RELEASE	MW 18M	-----
	L	**TF TEST**TIMING TEST (WITH PRETRANSLATOR)	MW 18M	-----
	M	**TF TEST**END OF DIALING TIMING (CAMA ONLY)	MW 18M	-----
	N	**TF TEST**END OF DIALING TIMING (PRETRANSLATOR)	MW 18M	-----
	AC	**TF TEST**REG FAILS TO REG DIGITS	MW *	-----
	AD	**TF TEST**LINK ALARM AND STUCK REGISTER TEST	MW *	-----
	AH	**TF TEST**REG FAILS TO OUTPUT DIGITS	MW *	-----
212-330-501 (10/0)	T	INCOMING REGISTER	MW 18M	-----