

**EQUIPMENT TEST LIST**  
**TRANSMISSION TEST EQUIPMENT**

CONTENTS	PAGE	CONTENTS	PAGE
1. GENERAL . . . . .	1	2.16 VIDEO TEST SETS . . . . .	16
2.1 MISC TEST SETS . . . . .	2	2.17 TLG AND TTY . . . . .	18
2.2 TRANS MEAS SETS . . . . .	3		
2.3 NOISE MEAS SETS . . . . .	5	1. GENERAL	
2.4 OSCILLATORS . . . . .	6	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.	
2.5 M/W REF GEN . . . . .	7	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.	
2.6 MILW DISTG TST L . . . . .	8	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.	
2.7 WB TST TERMN . . . . .	9	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.	
2.8 SENDING PANELS . . . . .	9	1.05 Section 010-300-011 provides Equipment Test List instructions.	
2.9 LOOP CHECKER GEN . . . . .	9		
2.10 201 NOISE GEN . . . . .	10		
2.11 CARR FREQ . . . . .	10		
2.12 CARR FREQ CONT. . . . .	11		
2.13 SIGNAL GENERATOR . . . . .	12		
2.14 MISCELLANEOUS . . . . .	13		
2.15 MISC CONT. . . . .	14		

**NOTICE**

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SECTION 103-001-011

2.0 TRMSN TST EQPT

2.1 TRMSN TST EQPT; MISC TEST SETS

SELECT ONLY ONE CATEGORY

J94002 (2D & 2E) SINGING POINT TEST SET			
103-106-105	(1/0)	J94002(2D AND 2E)SINGING POINT TEST SET	MW 6M -----
J99254C (54C) RETURN LOSS MEASURING SET			
103-106-110	(2/1) 5	J99254C(54C) RETURN LOSS MEASURING SET MAINTENANCE	MW 12M -----
J94025A (25A) VOICEBAND GAIN & DELAY SET			
103-115-100	(2/1) 5B	GAIN AND DELAY MEASURING SET CALIBRATION - INTERNAL ADJUSTMENTS	MW 6M -----
J94025B (25B & 25BR) VOICEBAND GAIN & DELAY SET			
103-115-101	(1/0) 6	25B AND 25BR VOICEBAND(J94025) MAINTENANCE AND REPAIR	MW 6M -----
J94026A (26A) WIDEBAND GAIN & DELAY SET			
103-115-105	(1/0) 6	26A WIDEBAND(J94026A) MAINTENANCE	MW 6M -----
J68605M PORTABLE TEST SET			
103-105-100	(2/0) 6	RETURN TO WECO FOR ACCURACY CHECK	MW 12M -----
J68658 58-TYPE MEASURING SYSTEM			
103-105-510	(2/0) 2	TRANSMITTER ADJUSTMENT	MW 12M -----
	3	TRANSMITTER TIMING ADJUSTMENT	MW 12M -----
	4	RCVR ADJUSTMENT PER ED1C223 & ED1C224	MW 12M -----
	5	RCVR ADJUSTMENT PER ED1C668 & ED1C669	MW 12M -----
58-TYPE & 108-TYPE TEST TERMINATION			
103-105-511	(1/0) 5	OUT-OF-SERVICE TESTS	MW 12M -----
J98612F E REPEATER TEST SET			
103-107-105	(2/0) 7	TRANSMISSION & IMPEDANCE TESTS	MW 12M -----
DPMS-1 DATA PULSE MEASURING SET			
103-110-100	(1/0) 5	CALIBRATION	MW 12M -----
J94027A,C,E, P/AR METER GENERATOR & J94027B P/AR METER RECEIVER			
103-110-110	(3/0) 2A	CALIBRATION 27A GENERATOR	MW W -----
	2B	CALIBRATION 27C OR 27E GENERATOR	MW M -----
	3	ADJUSTMENT & MAINTENANCE	MW 12M -----
KS-15877 TRANSMITTER, KS-15878 RECEIVER			
103-110-100	(2/0) 5	ADJUSTMENT & MAINTENANCE	MW 6M -----
TROUBLE TESTS			
J94002G(2G) REPEATER TEST SET			
103-107-100	(1/0)	DESCRIPTION	TT -----
J94027A, C, E, P/AR METER GENERATOR & J94027B P/AR METER RECEIVER			
103-110-110	(3/0) 4	TRBL LOC & REPAIR	TT -----
KS-15877-TRMTR, KS-15878-RCVR DELAY MEAS SYST FOR DATA CIRCUITS			

103-111-100	(2/0)	6	TROUBLE INDICATION	TT	-----
J94025 25B AND 25BR VB GAIN AND DELAY SETS					
103-115-101	(2/0)	6	MAINTENANCE AND REPAIR	TT	-----
X75948 VOICEBAND GAIN AND PHASE HIT COUNTER					
103-125-000	(1/0)		DESCRIPTION AND OPERATION	TT	-----
2.2 TRMSN TST EQPT; TRANS MEAS SETS					
SELECT ONLY ONE CATEGORY					
J94002AB (2AB) AUX. TRANSMISSION TEST SET					
103-202-100	(1/0)	5	J94002AB(2AB)AUXILIARY TRANSMISSION MEASURING SET - CALIBRATION	MW 12M	-----
		7	J94002AB(2AB)-MAINTENANCE	MW 12M	-----
TTS-4 SERIES OF TRANSMISSION MEAS SET					
103-204-100	(3/0)		TTS 4A TMS RETURN TO WECO FOR CHECK	MW 24M	-----
J94021A (21A) TRANSMISSION MEAS SET					
103-221-100	(3/1)		J94021A(21A) TRANSMEAS SET - CALIBRATION	MW *	-----
J94022A (22A) MILLIWATT REFERENCE METER					
103-222-100	(3/0)		J94022A(22A)MILLIWATT REF METER-CALIBRATION	MW *	-----
J94023 (23A & 23D) TRANSMISSION MEAS SET					
103-223-100	(3/0)		23A & 23D TRANS MEAS SETS-CALIBRATION	MW *	-----
TRANSMISSION & NOISE MEAS SYSTEMS					
103-231-103	(1/0)	6	PROJECTION METER,PROJECTOR AND SCREEN - MAINTENANCE	MW 24M	-----
103-231-500	(3/0)	6C	ROUTINE CHECK OF TMS J94005 (SD-95900-01)	MW 3M	-----
		7E	ROUTINE CHECK OF NOISE MEAS SYS AT TST POS J94005 (SD-95900-01)	MW 3M	-----
103-231-510	(3/0)	6C	ROUT CAL CHK 1U AMPL-RECT LOCS HAVING EQPT SIM TO SD-59432-01	MW 3M	-----
		6D	ROUT CAL CHK 1U AMPL-RECT LOGS HAVING EQPT SIM TO SD-1G073-01	MW 3M	-----
		7D	ROUT CAL 1W NSE AMPL-RECT AT NSE CAL PNL	MW 3M	-----
104-TYPE TEST LINES WITH TEST PROGRESS TONE					
103-235-300	(2/0)		ACCURACY AND OPR TSTS-FAR-END (CODE 104) TRMSN MEAS AND NOISE CHECKING CKT	MW D	-----
103-235-501	(3/0)	3A	MAKE-BUSY, SEIZURE, AND CONTINUITY OF TRANSMISSION AND SUPERVISORY PATHS	MW 12M	-----
		3B	TIME-OUT FEATURES	MW 12M	-----
		3C	FAR-END REQUESTS REPETITION OF TEST TONE, MANUAL TEST FEATURES	MW 12M	-----
		3D	NEAR-END REQUESTS REPETITION OF TEST TONE, AUTOMATIC TEST FEATURES	MW 12M	-----
		3E	DELAY IN BID FOR SERVICE CAMA TEST LINES DISCONNECT	MW 12M	-----
		3F	TEST LINE PREFERENCE CHAIN, TIME-OUT, AND DISCONNECT	MW 12M	-----
		3G	CALL ABANDONED FEATURE	MW 12M	-----
		3H	ADJUSTMENT OF TESTLINE LOSSES	MW 12M	-----

## SECTION 103-001-011

103-235-501	(3/0)	3I	MEASUREMENT OF TEST PADS	MW 12M	-----
		3J	AMPLIFIER AND AMPLIFIER-RECTIFIER GAIN	MW 12M	-----
		3K	ATTENUATOR PAD ADJUSTMENT CHECK	MW 12M	-----
		3L	ATTENUATOR CHECK, LOOP CHECK, AND FAR-END REORDER	MW 12M	-----
		3M	NOISE CHECKING GAIN ADJUSTMENT	MW 12M	-----
		3N	NEAR-END REQUESTS REPETITION OF TEST TONE	MW 12M	-----
		3O	LATE TONE REMOVAL	MW 12M	-----
		3P	RECEIVING ARM ATTENUATOR PADS	MW 12M	-----
		3Q	TRANSMITTING-ARM ATTENUATOR PADS	MW 12M	-----
104-TYPE TEST LINES WITHOUT TEST PROGRESS TONE					
103-235-300	(2/0)		ACCURACY AND OPR TSTS-FAR-END (CODE 104) TRMSN MEAS AND NOISE CHECKING CKT	MW D	-----
103-235-500	(4/1)	3A	MAKE BUSY, SEIZURE, AND CONTROL OF TRANSMIT AND SUPERVISORY PATHS	MW 12M	-----
		3B	TIME-OUT FEATURES	MW 12M	-----
		3C	FAR-END REQUESTS REPETITION OF TONE AND MANUAL TEST FEATURES	MW 12M	-----
		3D	NEAR-END REQUESTS REPETITION OF TONE AND AUTOMATIC TEST FEATURES	MW 12M	-----
		3E	TRANSMISSION MEASURING GAIN ADJUSTMENT	MW 12M	-----
		3F	TEST LINE PREFERENCE CHAIN, TIME-OUT AND DISCONNECT	MW 12M	-----
		3G	CALL ABANDONED FEATURE	MW 12M	-----
		3H	COMPENSATING FOR OFFICE WIRING LOSS OF TEST LINE	MW 12M	-----
		3I	PAD ATTENUATOR ADJUSTMENT	MW 12M	-----
		3J	ATTENUATION CHECK, LOOP CHECK, AND FAR-END REQUESTS REPETITION OF TONE	MW 12M	-----
		3K	NOISE CHECKING GAIN ADJUSTMENT	MW 12M	-----
		3L	NEAR-END REQUESTS REPETITION OF TONE	MW 12M	-----
		3M	LATE TONE REMOVAL	MW 12M	-----
		3N	FAR-END TONE TRANSMISSION	MW 12M	-----
		3O	RECEIVING-ARM ATTENUATOR PADS	MW 12M	-----
		3P	TRANSMITTING-ARM ATTENUATOR PADS	MW 12M	-----
TROUBLE TESTS					
J94021A	(21A)	TRANSMISSION MEAS SET			
103-221-100	(3/1)	6D	TROUBLE INVESTIGATION	TT	-----
J94022A	(22A)	MILLIWATT REFERENCE METER			
103-222-100	(3/0)	4B	ELECTRICAL	TT	-----
J94023B	(23B)	TRANSMISSION & NOISE MEAS SYSTEM			
103-223-101	(2/0)		DESCRIPTION	TT	-----
1U	AMPL-RECT (RANGE: 35 TO 15,000 HZ)				
103-231-101	(2/0)	7B	TEST OF GAIN WITHOUT FEEDBACK	TT	-----
1W	NOISE AMPL-RECT W/C-MESSAGE				

103-231-102 (2/0)	6A	TROUBLE TESTING	TT	-----
J94005 (SD-95900-01) TRANSMISSION & NOISE MEAS SYSTEM				
103-235-500 (2/0)	2	PROJECTION METER AND SCREEN	TT	-----
	5A	METHOD OF CALIBRATION	TT	-----
	5B	TEST FOR LONGITUDINAL BALANCE	TT	-----
	5C	BASIC CALIBRATION OF 1U AMPLIFIER-RECTIFIER FROM REFERENCE POSITION USING REGULAR METER	TT	-----
	5D	CHECK OF CALIBRATION AT OTHER TEST POSITIONS USING SAME METER	TT	-----
	5E	CHECK OF CALIBRATION AT TEST POSITIONS USING OTHER REGULAR METERS	TT	-----
	5F	CHECK OF CALIBRATION AT TEST POSITIONS SERVING AUXILIARY METERS	TT	-----
	5G	ANALYSIS OF RECORDED READINGS AND CHANGES IN CALIBRATION	TT	-----
	6A	SENSITIVITY RANGE AND METER SCALE MATCHING	TT	-----
	6B	FREQUENCY CHARACTERISTICS	TT	-----
	7A	BASIC CALIBRATION OF THE 1W NOISE AMPLIFIER	TT	-----
	7B	FREQUENCY WEIGHTING	TT	-----
	7D	TEST FOR ACCURACY AND LINEARITY OF METERS AT TEST POSITIONS	TT	-----
	7F	NOISE SENSITIVITY RANGE CHECKS AT TEST POSITIONS	TT	-----

## 2.3 TRMSN TST EQPT; NOISE MEAS SETS

## SELECT ONLY ONE CATEGORY

## J94003A (3A) AND J94003B (3B)

103-611-100 (4/1)	5.01	PRIMARY CALIBRATION J94003A & B	MW 6M	-----
	9B	ELECTRICAL PERFORMANCE J94003A & B (RETURN TO WECO FOR ACCURACY CHECK.)	MW 12M	-----

## J94003C (3C)

103-611-101 (1/1)	1002	MAINTENANCE J94003(3C) NOISE MEAS SET	MW *	-----
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## J94006A (6A) AND J94006E (6E) IMPULSE COUNTERS

103-620-100 (5/0)	3	ADJUSTMENTS J94006(6A & 6E) IMPULSE COUNTERS	MW 6M	-----
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## J94006H (6H) AND J94006HR (6HR) IMPULSE COUNTERS

103-620-101 (1/0)	3A	CALIBRATION 6H & 6HR IMPULSE COUNTERS	MW M	-----
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## J94006F (6F) AND J94006FR (6FR) VOICEBAND

103-626-100 (2/0)	3	ADJUSTMENT AND MAINTENANCE 6F AND 6FR NOISE MEAS SETS	MW *	-----
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## 201A AND 201B NOISE GENERATOR

103-345-100 (2/0)		201A & 201B NOISE GEN-MAINTENANCE	MW *	-----
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## J94007A (7A)

103-500-100 (2/0)	6	CALIBRATION 7A CARRIER NOISE MEASURING SET	MW 6M	-----
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## TROUBLE TESTS

## J94006A (6A) AND J94006E (6E) IMPULSE COUNTERS

103-620-100 (5/0)	5	MAINTENANCE	TT	-----
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SECTION 103-001-011

J94006H (6H) AND J94006HR (6HR) IMPULSE COUNTERS

103-620-101 (1/0) 4B TROUBLE INDICATION AND REPAIR TT -----

J94006F (6F) AND J94006FR (6FR) VOICEBAND

103-626-100 (2/0) 4 TROUBLE INDICATION AND REPAIR TT -----

J94006G (6G) NOISE MEAS SET

103-627-100 (1/0) 4 TROUBLE INDICATION AND REPAIR TT -----

J94006G MODIFIER FOR PICTUREPHONE USE

103-627-101 (1/0) DES OPER & MAINT TT -----

2.4 TRMSN TST EQPT; OSCILLATORS

SELECT ONLY ONE CATEGORY

MODEL 200CD HEWLETT-PACKARD

103-300-100 (1/0) MODEL 200CD-INSTRUCTION MANUAL MW \* -----

MODEL 200H HEWLETT-PACKARD

103-300-105 (1/0) MODEL 200H-DESCRIPTION MW \* -----

MODEL 650A HEWLETT-PACKARD

103-300-106 (1/0) 5.02 LUBRICATION 650A TEST OSCILLATOR MW M -----

KS-19260, L1

103-302-100 (1/0) WE MODEL KS-19260, L1 OSC-DESCR AND OPR MW \* -----

103-302-300 (1/0) WE MODEL KS-19260 OSC-MTCE CONSIDERATIONS MW 24M -----

KS-19353, L1

103-302-105 (1/0) KS-19353, L1 OSCILLATOR (50 HZ TO 560 KHZ)-DESCR AND OPR (RETURN TO WE FOR ACCURACY CHECK.) MW 12M -----

KS-19353, L4

103-302-106 (1/1) WE MODEL KS-19353, L4 OSCILLATOR-DESCR AND OPERATION MW \* -----

17A AND 17B

103-305-100 (2/0) 5A PERFORMANCE CHECKS 17A & 17B OSCILLATORS MW 6M -----

103-305-700 (1/0) 3.02 LUBRICATION 17A & 17B OSCILLATORS MW 6M -----

J64051A (51A)

103-310-100 (1/0) 4A OUTPUT CALIBRATION J64051A (51A) OSCILLATOR MW 12M -----

4B FREQUENCY CALIBRATION J64051A (51A) OSCILLATOR MW 12M -----

5 MAINTENANCE J64051A (51A) OSCILLATOR MW 12M -----

J64052A (52A)

103-311-100 (3/0) 4 FREQUENCY CHECK J64052A (52A) OSCILLATOR MW 12M -----

6D OUTPUT METER CHECK AND CALIBRATION J64052A (52A) MW 12M -----

J64053A (53A) WITH 25B OSCILLATOR

103-312-100 (3/0) BALL BEARINGS 53A WITH 25B OSCILLATOR MR 6M -----

STORAGE SPOOL SPINDLES, IDLER ROLLER 53A WITH 25B OSCILLATOR MW 12M -----

5G LUBRICATION 53A WITH 25B OSCILLATOR MR 3M -----

J64053A (53A) WITH 25A OSCILLATOR

103-312-101	(1/0)		BALL BEARINGS 53A WITH 25A OSCILLATOR	MR 6M	-----
			STORAGE SPOOL SPINDLES, IDLER ROLLER 53A WITH 25A OSCILLATOR	MW 12M	-----
		5G	LUBRICATION 53A WITH 25A OSCILLATOR	MR 3M	-----
J64056A (56A)					
103-313-100	(3/0)	5.02	INSPECT FILM SCALE J64056A (56A) OSCILLATOR	MR 6M	-----
		5.03	LUBRICATION J64056A (56A) OSCILLATOR	MR 6M	-----
		5.04	CHECK LIMIT SWITCH OPERATION J64056A (56A) OSCILLATOR	MR 6M	-----
J64057A (57A)					
103-314-100	(2/0)		J64057A (57A) OSCILLATOR	MW *	-----
PORTABLE OSCILLATOR & SELECTIVE ANALYZER 10 HZ TO 17 MHZ SIEMEN					
103-402-300	(2/0)		OPERATING METHODS	MW *	-----
TROUBLE TESTS					
MODEL 200H HEWLETT-PACKARD					
103-300-105	(1/0)	5	MAINTENANCE	TT	-----
MODEL 650A HEWLETT-PACKARD					
103-300-106	(1/0)	5	MAINTENANCE	TT	-----
KS-19353, L1					
103-302-105	(1/0)	6.0	MAINTENANCE	TT	-----
KS-19353, L6					
103-302-106	(1/1)	5.38	TROUBLESHOOTING TECHNIQUES	TT	-----
17A AND 17B					
103-305-700	(1/0)	3.01	CLEANING FILM SCALE	TT	-----
		3.05	ADJUSTING FILM SCALE	TT	-----
J64053A (53A) WITH 25B OSCILLATOR					
103-312-100	(3/0)	5D	CLEANING FILM SCALE	TT	-----
		5F	CHECKING ALIGNMENT INDEX OF FILM SCALE	TT	-----
J64053A (53A) WITH 25A OSCILLATOR					
103-312-101	(1/0)	5D	CLEANING FILM SCALE	TT	-----
		5F	CHECKING ALIGNMENT INDEX OF FILM SCALE	TT	-----
J64056A (56A)					
103-313-100	(3/0)	5D	ADJUSTMENT OF OUTPUT POWER	TT	-----
		5E	CLEANING FILM SCALE	TT	-----
MODEL 209A HEWLETT-PACKARD					
103-350-100	(1/0)		HEWLETT-PACKARD MODEL 209A MODIFIED FOR PICTUREPHONE USE	TT	-----
2.5 TRMSN TST EQPT; M/W REF GEN					
SELECT ONLY ONE CATEGORY					
J94071A (71A) MILLIWATT REFERENCE GENERATOR					
103-325-500	(3/0)		OUTPUT ADJUSTMENT AT MAINTENANCE OUTLET JACK (71A) MILLIWATT REF GEN	MW 12M	-----

## SECTION 103-001-011

J94071B (71B) MILLIWATT REFERENCE GENERATOR  
 103-326-100 (2/0) 5.07 CHECKED AGAINST PRIMARY STANDARD (71B) MW 12M -----  
 MILLIWATT REF GEN

J94071C (71C) & J94071F (71F) MW REFERENCE GENERATORS  
 103-327-500 (4/0) 71C, 71F MW REF GENS-OUTPUT ADJ AT MTCE MW 12M -----  
 OUTLET JACK

## TROUBLE TESTS

J94071A (71A) MILLIWATT REFERENCE GENERATOR  
 103-325-100 (2/0) 5.08 VOLTAGE CHECK MEASUREMENT TT -----

J94071B (71B) MILLIWATT REFERENCE GENERATOR  
 103-326-100 (2/0) 5 BATTERY REPLACEMENT TT -----

J94071F (71F) MILLIWATT REFERENCE GENERATOR  
 103-327-100 (5/0) 5.09 VOLTAGE CHECK MEASUREMENTS TT -----

## 2.6 TRMSN TST EQPT; MILW DISTG TST L

## SELECT ONLY ONE CATEGORY

## NO. 1 CROSSBAR

103-335-504 (4/0) CHECK OF MILW TST L REACHED BY 4- OR 7-DIGIT MW 24M -----  
 NUMBERS

## 4-WIRE NO. 5 CROSSBAR

103-335-514 (2/0) CHECK OF TRANSMISSION TEST LINE MW 12M -----

## PANEL &amp; STEP-BY-STEP

103-335-506 (4/0) CHECK OF TRANSMISSION TST L REACHED BY 4- OR MW 24M -----  
 7-DIGIT NUMBER

## CROSSBAR TANDEM OR SXS INTERTOLL OR TANDEM

103-335-508 (4/0) CHECK OF TRMSN TST L RCHD BY 3 CODE MW 24M -----

## MANUAL SWITCHBOARD

103-335-510 (4/0) CHECK OF MILLIWATT OUTLETS MW 24M -----

## NO. 1 ESS 2-W

103-335-515 (2/0) CHECK OF TRMSN TST L 2-W OFFICES MW 24M -----

## NO. 1 ESS 4-W

103-335-516 (1/0) CHECK OF TRMSN TST L 4-W OFFICES MW 24M -----

## NO. 2 ESS

103-335-518 (1/0) CHECK OF TRMSN TST L MW 24M -----

## AUTOMATIC INTERCEPT SYSTEM

103-335-517 (1/0) CHECK OF TRMSN TST L MW 12M -----

## 4XBAR OFFICES-TRANS TEST LINES REACHED BY 3 DIGIT CODES

103-335-509 (3/0) NO. 4-TYPE CROSSBAR-CHECK OF TRANSMISSION MW 24M -----  
 TEST LINES REACHED BY 3-DIGITCODES

## 5XBAR OFFICES-TRANS TEST LINES REACHED BY 3 DIGIT CODES

103-335-507 (4/0) NO. 5 CROSSBAR- CHECK OF TRANSMISSION TEST MW 24M -----  
 LINES REACHED BY 3-DIGIT CODE

## 5XBAR OFFICES-TRANS TEST LINES REACHED BY 4 &amp; 7 DIGIT CODES

103-335-505 (5/0) NO. 5 CROSSBAR-CHECK OF TRANSMISSION TEST MW 24M -----  
 LINES REACHED BY 4 OR 7 DIGIT NO.

JACK-ENDED OUTLETS			
103-335-512	(4/0)	CHECK OF JACK-ENDED SENDING OUTLETS	MW 24M -----
TROUBLE TESTS			
INIT TST REQMS & PERIODIC TSTS			
103-335-300	(3/0)	INIT TST REQMS & PERIODIC TSTS	TT -----
ADJ DISTRIBUTING RESISTORS			
103-335-501	(3/0)	ADJUSTMENT OF DISTRIBUTING RESISTORS TO COMPENSATE FOR OFFICE WIRING LOSS IN 600-OHM JACK-ENDED OUTLETS AND TRANSMISSION TEST LINES	TT -----
103-335-502	(3/0)	ADJUSTMENT OF DISTRIBUTING RESISTORS TO COMPENSATE FOR OFFICE WIRING LOSS IN 900-OHM JACK-ENDED OUTLETS AND TRANSMISSION TEST LINES	TT -----
CHECK OF IDLE CIRCUIT TERMINATIONS			
103-335-503	(5/0)	CHECK OF IDLE CIRCUIT TERMINATIONS	TT -----
ADJ KS-16744, L1, DISTRIBUTING NETWORKS			
103-335-513	(3/0)	ADJUSTMENT OF KS-16744, LIST 1 DISTRIBUTING NETWORKS TO COMPENSATE FOR OFFICE WIRING LOSS IN 600- AND 900-OHM JACK-ENDED OUTLETS AND TRANSMISSION TEST LINES	TT -----
2.7 TRMSN TST EQPT; WB TST TERMN			
SELECT ONLY ONE CATEGORY			
100-TYPE FOR PICTUREPHONE			
103-336-501	(1/0)	CHECK & ADJMT OF 1000 HZ OUT & VERIF OF OPERATING FEATURES	MW 12M -----
102-TYPE FOR PICTUREPHONE			
103-336-502	(1/0)	CHECK & ADJMT OF 1000 HZ OUTPUT & VERIF OF OPERATING FEATURES	MW 12M -----
SD-27930 WIDEBAND REMOTE SWITCH TERMINATING TST LINE			
103-336-503	(1/0)	CHECK & ADJMT OF 1000 HZ OUTPUT & VERIF OF OPERATING FEATURES	MW 12M -----
2.8 TRMSN TST EQPT; SENDING PANELS			
SELECT ONLY ONE CATEGORY			
J94002A SENDING PANELS			
103-341-100	(2/1)	5.02 INSPECTION FOR EXCESSIVE END PLAY	MW 12M -----
103-341-500	(3/0)	5.02 ADJUSTMENT OF TEMPERATURE COMPENSATION	MW 12M -----
103-341-501	(3/0)	5.02 OUTPUT CHECK AT MAINTENANCE OUTLET	MW M -----
J94002C SENDING & PANEL			
103-341-100	(2/1)	5.02 INSPECTION FOR EXCESSIVE END PLAY	MW 12M -----
2.9 TRMSN TST EQPT; LOOP CHECKER GEN			
SELECT ONLY ONE CATEGORY			
J94024B LOOP CHECKER GENERATOR			
103-343-501	(3/0)	A OUTPUT POWER LEVELS	MW 3M -----
		B FREQUENCIES AT END OF SWEEP	MR 3M -----
J94024C LOOP CHECKER GENERATOR			
103-344-501	(3/0)	A FLAT OUTPUT LEVEL	MW 6M -----

## SECTION 103-001-011

103-344-501	(3/0)	B	SHIPPED OUTPUT LEVEL	MW 6M	-----
		C	OUTPUT POWER AT 3000 HZ END OF SWEEP	MR 3M	-----
		D	OUTPUT POWER AT 1000 HZ END OF SWEEP	MR 3M	-----

## 2.10 TRMSN TST EQPT; 201 NOISE GEN

FOR ALL UNITS

103-345-100	(2/0)	4.02	CHECK OF OUTPUT LEVEL	MW *	-----
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## 2.11 TRMSN TST EQPT; CARR FREQ

SELECT ONLY ONE CATEGORY

WANDEL-GOLTERMANN 10 KHZ TO 36 MHZ

103-401-300	(2/0)	3	CALIBRATION	MW *	-----
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SIERRA MODEL 3054A 1 KHZ TO 33.5 MHZ

103-404-000	(1/0)	4	CALIBRATION	MW 3M	-----
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J68827A SENDING &amp; J68827B RECEIVING CONSOLES

103-405-300	(2/0)	4	OPERATION	MW *	-----
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J64030A TMS RANGE UP TO 150 KHZ

103-408-100	(2/1)	4	DESCRIPTION	MW *	-----
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J64031 TMS RANGE 1 TO 150 KHZ

103-409-100	(2/0)	6	MAINTENANCE	MW *	-----
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J64032 TMS RANGE 150 HZ TO 150 KHZ

103-410-100	(2/0)	4D	MAINTENANCE	MW *	-----
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J64033A TMS RANGE 60 TO 3400 KHZ

103-411-100	(4/0)	6	MAINTENANCE	MW *	-----
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J64034A TMS RANGE 35 HZ TO 3.5 MHZ

103-412-100	(1/0)	6	MAINTENANCE	MW *	-----
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J64035A TMS RANGE 30 HZ TO 10 MHZ

103-413-100	(1/0)	5	MAINTENANCE	MW *	-----
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J64037 TMS RANGE 50 HZ TO 11,000 HZ

103-414-100	(2/0)	5	MAINTENANCE	MW *	-----
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J64038A TMS RANGE 100 HZ TO 10 MHZ

103-415-501	(1/0)	5	REGULATED POWER SUPPLY TESTS	MW 6M	-----
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103-415-502	(1/0)	5	FREQ CHECK OF 308 KC OSCILLATOR	MW 6M	-----
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103-415-503	(1/0)	5	CALIBRATION CONTROL CHECK	MW 6M	-----
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103-415-504	(2/0)	5	CHECK OF 0.5 DB SCALE	MW 6M	-----
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103-415-505	(1/0)	5	PROTECTION PAD CHECK	MW 6M	-----
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103-415-506	(1/0)	5	CHECK OF AMPLIFIER PEAKING CIRCUIT	MW 6M	-----
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103-415-507	(1/0)	5	AUTOMATIC GAIN CONTROL CKT TESTS	MW 6M	-----
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103-415-508	(1/0)	5	CHECK OF BALANCE ADJUSTMENTS	MW 6M	-----
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103-415-509	(1/0)	5	CHECK OF 308 KC REJECTION CKT	MW 6M	-----
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103-415-510	(1/0)	5	FREQ SYNCHRONIZATION CHECK	MW 6M	-----
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103-416-511	(1/0)	5	CHECK OF 75 OHM FREQ CHARACTERISTIC	MW 6M	-----
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103-416-512	(1/0)	5	CHECK OF 124 OHM FREQ CHARACTERISTIC	MW 6M	-----
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103-416-513	(1/0)	5	ELECTRON TUBE TESTS	MW 6M	-----
J64044A TMS RANGE 50 KC TO 3500 KC					
103-421-100	(1/0)	5L	LUBRICATE GUIDE ROLLERS, IDLER GEAR STUD, WORM SHAFT SLEEVE BEARING, WORM WHEEL	MR 3M	-----
		5L	LUBRICATE STORAGE SPOOL SPINDLES, IDLER ROLLER	MW 12M	-----

## TROUBLE TESTS

SIERRA MODEL 3054A 1 KHZ TO 33.5 MHZ					
103-404-000	(1/0)	6	MAINTENANCE	TT	-----
WANDEL-GOLTERMANN SEL LEV METER AT 463					
103-406-000	(3/0)		DESCRIPTION & OPERATION	TT	-----
J68858 AT PILOT FILTER SET					
103-407-101	(4/0)		DESCRIPTION	TT	-----
J64038A TMS RANGE 100 HZ TO 10 MHZ					
103-415-514	(1/0)		TROUBLE INVESTIGATION	TT	-----
J64044A TMS RANGE 50 KC TO 3500 KC					
103-421-100	(1/0)	5K	CLEANING OF FILM SCALE	TT	-----

## 2.12 TRMSN TST EQPT; CARR FREQ CONT.

## SELECT ONLY ONE CATEGORY

J68813A VISUAL TMS L1 COAXIAL SYSTEM					
103-440-502	(1/0)	5L	MAINTENANCE	MW *	-----
D178980 TMS L1 CARRIER					
103-441-100	(3/1)	5	MAINTENANCE	MW *	-----
J64049A L MULTIPLEX MEASURING SYSTEM					
103-424-300	(1/2)	4B	PERIODIC ROUTINE	MW 6M	-----
		4B	CHECK OF ADJUSTMENTS	MW 6M	-----
J64001 TUBE TEST SET					
103-427-100	(2/0)	4B	DESCRIPTION	MW *	-----
J64001AR PATCH CORD TEST SET					
103-428-100	(1/1)	4	MAINTENANCE	MW 12M	-----
103-428-102	(1/0)	4	CONTY TSTS COAX PATCH CORDS & PLUGS	MW 12M	-----
103-428-103	(1/0)	4	CONTY TSTS 2 CONDR CORDS W/379A PLUGS	MW 12M	-----
103-428-104	(1/0)	4	CONTY TSTS 2 CONDR CORDS W/KS14323 PLUGS	MW 12M	-----
103-428-105	(2/0)	4	SHORT TESTS	MW 12M	-----
KS-15538,L1 CARRIER FREQ VOLTMETER					
103-400-101	(1/0)		KS-15538, LIST 1 (RANGE: 20 TO 600 KHZ)	MW *	-----
KS-15538,L2 CARRIER FREQ VOLTMETER					
103-400-102	(1/0)		KS-15538, LIST 2 (RANGE: 20 TO 500 KHZ)	MW *	-----
KS-15538,L3 CARRIER FREQ VOLTMETER					
103-400-103	(1/0)		KS-15538, LIST 3 (RANGE: 30 TO 500 KHZ)	MW *	-----
KS-15538,L4 CARRIER FREQ VOLTMETER					
103-400-104	(1/1)		KS-15538, LIST 4 (RANGE: 3 TO 620 KHZ)	MW *	-----

SECTION 103-001-011

KS-15538, L5 CARRIER FREQ VOLTMETER

103-400-105 (1/0) KS-15538, LIST 5 (RANGE: 2 TO 350 KHZ) MW \* -----

KS-15538, L5A FREQUENCY SELECTIVE VOLTMETER

103-400-106 (1/0) KS-15538, L5A FREQ SELECTIVE VOLTMETER (RANGE: 2 TO 350 KHZ) MW \* -----

J64072A (72A) FREQUENCY METER

103-425-100 (2/0) CALIBRATION MW \* -----

TROUBLE TESTS

J64049A L MULTIPLEX MEASURING SYSTEM

103-424-300 (1/2) 5 TROUBLE LOCATION TT -----

J68831A VISUAL TMS L1 COAXIAL SYSTEM

103-440-503 (1/0) TROUBLE LOCATION TT -----

D178980 TMS L1 CARRIER

103-441-100 (3/0) DESCRIPTION TT -----

2.13 TRMSN TST EQPT; SIGNAL GENERATOR

SELECT ONLY ONE CATEGORY

J64061B SIGNAL GENERATOR

103-319-502 (1/0) REGULATED POWER SUPPLY TSTS & ADJMT MW 6M -----

103-319-503 (2/0) A TST & ADJMT OF VIDEO SIGNAL FREQ MW 6M -----

B TST & ADJMT OF UM VIDEO SIGNAL OUTPUT MW 6M -----

C TST & ADJMT OF MODULATED VID SIG OUTPUT MW 6M -----

103-319-504 (2/0) A TST & ADJMT OSC FEEDBACK VGS & FREQ MW 6M -----

B TST & ADJMT OUTPUT HARMONIC CONTENT MW 6M -----

C SINE WAVE OUTPUT LEVEL ATTENUATOR MW 6M -----

D 110 OHM OUTPUT MW 6M -----

103-319-505 (1/0) A PRELIMINARY LEVEL CALIBRATION MW 6M -----

B FINAL LEVEL CALIBRATION MW 6M -----

C FREQUENCY CALIBRATION MW 6M -----

103-319-506 (1/0) C ELECTRON TUBE TESTS MW 6M -----

J64061C SIGNAL GENERATOR

103-320-502 (1/0) C REGULATED POWER SUPPLY MW 6M -----

103-320-503 (2/0) A VIDEO SIGNAL FREQUENCY MW 6M -----

B UNMODULATED VIDEO SIGNAL OUTPUT MW 6M -----

C MODULATED VIDEO SIGNAL OUTPUT MW 6M -----

D VID SIG 60 CYCLE SQUARE WAVE OUTPUT MW 6M -----

103-320-504 (2/0) A OSC FEEDBACK VOLTAGES & FREQ MW 6M -----

B OUTPUT HARMONIC OUTPUT MW 6M -----

C SINE WAVE LEVEL ATTENUATOR MW 6M -----

D 124 OHM OUTPUT MW 6M -----

E MONO BURST ADAPTER MW 6M -----

PORTABLE SIGNAL GENERATOR 351A & FREQ SELV VM

103-403-300 (2/0)	E	OPERATION	MW *	-----
TROUBLE TESTS				
J64061B SIGNAL GENERATOR				
103-319-507 (1/1)		TROUBLE INVESTIGATION	TT	-----
J64061C SIGNAL GENERATOR				
103-320-507 (1/1)		TROUBLE INVESTIGATION	TT	-----
2.14 TRMSN TST EQPT; MISCELLANEOUS				
SELECT ONLY ONE CATEGORY				
J94002AA MILLIWATT REFERENCE SET				
103-429-100 (3/0)	E	DESCRIPTION	MW *	-----
J94070A SPECTRUM GENERATOR				
103-430-100 (2/0)	4	MAINTENANCE	MW *	-----
KS-15872 L1 SPECTRUM ANALYZER				
103-431-300 (1/0)	4	OPERATION	MW *	-----
J64074A WIDEBAND POWER METER				
103-433-000 (3/0)	6	CALIBRATION & TESTING	MW *	-----
L1 CARRIER SYSTEM TEST SETS				
103-435-100 (3/0)	4	CALIBRATION	MW *	-----
103-437-100 (2/0)	5	MAINTENANCE	MW *	-----
103-438-100 (3/0)	5	MAINTENANCE	MW *	-----
103-439-100 (1/0)	3	CALIBRATION	MW *	-----
J64007A PILOT INDICATOR				
103-450-100 (4/0)	3	MAINTENANCE OF STANDARD CELL	MW 12M	-----
J64001AL POWER TEST SET				
103-451-100 (2/0)	3	DESCRIPTION	MW *	-----
J68837A & J68837C COSINE EQUALIZER				
103-453-501 (3/1)	3A	RECEIVER VIDEO AMPLIFIER TEST	MR W	-----
	3B	FLATTENING VIDEO AMPLIFIER	MR W	-----
	3K	DELAY RECEIVER ADJUSTMENTS	MW M	-----
	3L	BEF ADJUSTMENT	MW M	-----
	4A	SWEEP GENERATOR ADJUSTMENT	MW 6M	-----
	4C	OSC-MOD AVERAGE OUTPUT POWER	MW 6M	-----
	4D	AGC CIRCUIT	MW 6M	-----
J68898A,B PILOT TEST SETS L4 CARRIER				
103-456-000 (2/0)	5	MAINTENANCE	MW *	-----
J68899A MAIN STATION REPEATER TEST SET				
103-457-000 (2/1)	5	CALIBRATION & MAINTENANCE	MW 12M	-----
J68906A EQUALIZING RPTR TST & MTCE STAND L4 CARRIER				
103-458-000 (2/1)	5	MAINTENANCE & CALIBRATION	MW 12M	-----
J68906B EQUALIZING RPTR TST & MTCE STAND L4 CARRIER				
103-459-000 (2/0)	5	MAINTENANCE & CALIBRATION	MW 3M	-----

## 2.15 TRMSN TST EQPT; MISC CONT.

## SELECT ONLY ONE CATEGORY

J94002N GROUP UNIT SWITCHING SET N1 CARRIER				
103-471-100	(3/0)	4	MAINTENANCE	MW * -----
J94002M SWITCHING SET ON, N1, N2 REPEATERS				
103-472-100	(4/0)	5	MAINTENANCE	MW * -----
J98703BD SWITCHING SET FOR N1A, NR REPEATERS				
103-473-100	(2/0)	4	MAINTENANCE	MW 3M -----
KS-19750 N LINE DEVIATION TEST SET				
103-478-100	(2/1)	5	MAINTENANCE	MW * -----
J99272U SWITCHING SET N2 CARRIER				
103-480-500	(3/1)	1A	BRIDGING AMPLIFIER GAIN ADJUSTMENT	MW 3M -----
J99321S SWITCHING SET N2 REPEATERS				
103-480-501	(3/0)	B	TRANSMISSION TESTS	MW 12M -----
		C	ADJUSTMENT PROCEDURES	MW 12M -----
N3 SWITCHING SET				
103-483-501	(1/0)	A	SIGNAL BUFFER AMPLIFIER GAIN	MW 3M -----
N3 TERMINAL TEST STAND				
103-484-501	(1/0)	C	CHANNEL MODEM LOOPING AMPLIFIER GAIN	MW 12M -----
		F	170 KHZ CARRIER OSCILLATOR FREQ ADJMT	MW 12M -----
		G	170 KHZ CARRIER OSCILLATOR AMPLITUDE	MW 12M -----
		H	CARRIER OUT SWITCHABLE PAD TESTS	MW 12M -----
		I	1000 HZ OUT SWITCHABLE PAD TESTS	MW 12M -----
		J	REL RLS PAD TEST	MW 12M -----
		K	2600 HZ OUT SWITCHABLE PAD TESTS	MW 12M -----
T1 CARRIER TEST EQPT & TEST SETS				
103-493-100	(3/0)	4A	113A OSCILLATOR OUTPUT	MR 3M -----
TROUBLE TESTS				
APPRNCS VF PTCH BAYS & PKGD N CARR TERMS-DATA, A/G, & VCE-CKT TSTBDS PRVT SRVCE SYS & SIM LOCS				
103-231-510	(2/0)		TESTS & ADJUSTMENTS	TT -----
J99329A CONTROL UNIT (60A) CONTROL UNIT FOR LOOP-AROUND TEST LINES				
103-240-500	(4/0)		TESTS AND ADJUSTMENTS	TT -----
J94051 AUTOMATIC TRANSMISSION MEASURING SYSTEM (ATMS)				
103-250-301	(2/0)		DIRECTOR-TROUBLE LOCATION	TT -----
103-250-302	(1/0)		RESPONDER-TROUBLE LOCATION	TT -----
103-250-501	(4/0)		DIRECTOR ALIGNMENT	TT -----
103-250-502	(4/0)		RESPONDER ALIGNMENT-USING CP101RT PER ED-99959-30	TT -----
103-250-503	(2/0)		RESPONDER ALIGNMENT-USING CP101RT PER ED-1C334-31	TT -----
103-250-504	(1/0)		REMOTE OFFICE RESPONDER TESTS-USING CP101RT	TT -----

103-250-702 (4/0)		105 AND 105-TYPE TRMSN TEST LINE CKTS-B.O. RESISTOR ASMBLY ADJ	TT	-----
J94070A SPECTRUM GENERATOR				
103-430-100 (2/0)	5	TROUBLE INDICATIONS	TT	-----
J64090D (90D) LEVEL CONTROL				
103-432-104 (2/0)	6	MAINTENANCE	TT	-----
L1 CARRIER SYSTEM TEST SETS				
103-435-100 (3/0)	5	MAINTENANCE	TT	-----
J64007A (7A) PILOT INDICATOR				
103-450-100 (4/0)		DESCRIPTION	TT	-----
J68837A & J68837C COSINE EQUALIZER RECEIVER MAINTENANCE				
103-453-501 (3/1)	3C	VIDEO AMPLIFIER-IMPROPER GAIN	TT	-----
	3D	VIDEO AMPLIFIER-UNSTABLE GAIN	TT	-----
	3E	VIDEO AMPLIFIER-FLATTENING DIFFICULTIES	TT	-----
	3F	RECEIVER SYNCHRONIZATION CIRCUIT	TT	-----
	3G	MARKER OSCILLATOR FREQUENCY ADJUSTMENT	TT	-----
	3H	CONTROL AND CENTERING CIRCUIT	TT	-----
	3J	LF AMPLIFIER AND POWER INDICATOR	TT	-----
TRANSMITTER MAINTENANCE				
103-453-501 (3/1)	4B	SWEEP GENERATOR ADJUSTMENT IRREGULARITIES	TT	-----
	4E	IMPROPER SWEEP POWER FROM OSCILLATOR MODULATOR	TT	-----
	4F	UNSTABLE SWEEP VOLTAGE FROM OSCILLATOR-MODULATOR	TT	-----
	4G	BAND EDGE SETTER ADJUSTMENT	TT	-----
	4H	BAND EDGE SETTER ADJUSTMENT IRREGULARITIES	TT	-----
	4J	PILOT SKIP ADJUSTMENT AND IRREGULARITY	TT	-----
	4K	DELAY MODULATOR-FREQUENCY ADJUSTMENT	TT	-----
	4L	DELAY MODULATOR-ADJUSTMENT IRREGULARITY	TT	-----
	4M	DELAY MODULATOR-VOLTAGE MEASUREMENT	TT	-----
J68837B COSINE EQUALIZER				
103-454-000 (2/0)		DESCRIPTION & OPERATION	TT	-----
J98705M (5M) CHANNEL UNIT TEST STAND				
103-467-100 (2/0)	3	MAINTENANCE	TT	-----
J94002J (2J) CHANNEL UNIT TEST STAND				
103-474-100 (2/0)	5	INVESTIGATION OF TST SET TROUBLE	TT	-----
J94002K (2K) TUBE TEST SET				
103-475-100 (3/0)	4	MAINTENANCE	TT	-----
J94002P (2P) TUBE TEST SET				
103-476-100 (2/0)	4	INVESTIGATION OF TEST SET TROUBLE	TT	-----
J98703AF (3AF) DEVIATION REGULATOR TEST SET				
103-477-100 (1/0)	4	INVESTIGATION OF TEST SET TROUBLE	TT	-----

## SECTION 103-001-011

## J99272U SWITCHING SET N2 CARRIER

103-480-500	(3/1)	2	BRIDGING AMPLIFIER DC TESTS	TT	-----
		3	OHMMETER TESTS	TT	-----

## J99321S SWITCHING SET N2 REPEATERS

103-480-501	(3/0)	A	DC VOLTAGE MEASUREMENTS	TT	-----
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## J99272W N2 TERM TEST STAND

103-481-500	(2/0)		MAINTENANCE	TT	-----
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## J99272AH N2 TERM TEST STAND

103-481-501	(1/0)		MAINTENANCE	TT	-----
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## N3 SWITCHING SET

103-483-501	(1/0)	B	SIGNAL BUFFER AMPLIFIER DC TESTS	TT	-----
		C	OHMMETER TESTS OF GROUP AND WIDEBAND MODEM UNIT SWITCHING CIRCUIT	TT	-----
		D	OHMMETER TEST OF POWER SUPPLY UNIT SWITCHING CIRCUIT	TT	-----

## N3 TERMINAL TEST STAND

103-484-501	(1/0)	A	OHMMETER TESTS ON THE COMPANDOR OR VF AMPLIFIER UNIT TEST POSITION	TT	-----
		B	OHMMETER TESTS ON THE CHANNEL MODEM UNIT TEST POSITION	TT	-----
		D	CHANNEL MODEM LOOPING AMPLIFIER DC TESTS	TT	-----
		E	170 KHZ CARRIER OSCILLATOR DC TESTS	TT	-----

## T1 CARRIER TEST EQPT &amp; TEST SETS

103-490-100	(1/0)		J98710G, L1 ERROR DET SET-MAINT	TT	-----
103-490-101	(1/0)		J98710G, L2 ERROR DET SET-MAINT	TT	-----
103-491-100	(2/0)	5	J98710G L1 & L2 FAULT LOC-MAINT	TT	-----
103-492-100	(3/0)	4	J98710H REPTR TEST SET-MAINT	TT	-----

## 2.16 TRMSN TST EQPT; VIDEO TEST SETS

## TROUBLE TESTS

## J64047B (47B) SENDING UNIT

103-704-508	(1/0)		TRBL INVESTIGATION-VOLTAGE AND WAVEFORM MEASUREMENTS	TT	-----
103-704-509	(2/0)		LOW FREQ SIG GEN-OSCILLATOR & SYNC PULSE ADJUSTMENT	TT	-----
103-704-510	(2/0)		HIGH FREQ SIG. GEN-OSCILLATOR & BUFFER-AMPLR ADJUSTMENT	TT	-----

## J64047C (47C) RECEIVING UNIT

103-705-505	(1/0)		TROUBLE INVESTIGATION-VOLTAGE AND WAVEFORM MEASUREMENTS	TT	-----
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## J78362A VIDEO VISUAL TEST SET

103-710-101	(2/0)	4	MAINTENANCE AND TESTING	TT	-----
103-710-502	(1/0)	1B	ALIGNMENT OF 70-80 MHZ OSCILLATOR	TT	-----
		1C	ALIGNMENT OF THE 70-80 MHZ AMPLIFIER	TT	-----
		1D	FINAL ADJUSTMENT OF SWEEP GENERATOR	TT	-----
		1F	CHECKING THE COMPOSITE VIDEO SIGNAL	TT	-----

103-710-502	(1/0)	2A	ADJUSTMENT OF 80-MHZ OSCILLATOR	TT	-----
		2C	MARKER OSCILLATOR CALIBRATION	TT	-----
		2F	RECEIVER SYNCHRONIZATION CHECK AND FREQUENCY MARKER CHECK	TT	-----
J44103A (3A) VIDEO MONITORING PROBE					
103-715-100	(1/0)	5	MAINTENANCE	TT	-----
KS-5799 VIDEO MONITOR					
103-720-500	(1/0)		TESTS AND ADJUSTMENTS	TT	-----
KS-15654, L1 VIDEO MONITOR					
103-721-500	(2/0)	10	TROUBLE INVESTIGATION	TT	-----
		3	VIDEO AMPLIFIER ALIGNMENT	TT	-----
		4	SIZE OF LINEARITY ADJUSTMENTS	TT	-----
		7	PICTURE TUBE REPLACEMENT	TT	-----
		8	FOCUS COIL ALIGNMENT	TT	-----
		9	DEFLECTION YOKE ALIGNMENT	TT	-----
KS-15654 LIST 2 VIDEO MONITOR					
103-722-500	(2/0)	11	TROUBLE INVESTIGATION	TT	-----
		12	VOLTAGE AND WAVEFORM MEASUREMENTS	TT	-----
		6	SIZE AND LINEARITY ADJUSTMENTS	TT	-----
		7	PICTURE TUBE REPLACEMENT	TT	-----
		8	FOCUS COIL ALIGNMENT	TT	-----
		9	DEFLECTION YOKE ALIGNMENT	TT	-----
RCA TM-10B COLOR MONITOR					
103-725-100	(1/0)		DESCRIPTION	TT	-----
TELECHROME MODEL 1005-A1 VIDEO TRANSMISSION TEST SIGNAL UNIT					
103-727-100	(1/0)		INSTRUCTION MANUAL	TT	-----
TELECHROME MODEL 1005-A2 E1A SYNCHRONIZING WAVEFORM UNIT					
103-728-100	(1/0)		INSTRUCTION MANUAL	TT	-----
TELECHROME MODEL 1005-A3					
103-728-101	(1/0)		INSTRUCTION MANUAL	TT	-----
TELECHROME MODEL 1073-D2 SIN WINDOW GENERATOR					
103-730-100	(1/0)		INSTRUCTION MANUAL	TT	-----
J64009A (9A) VIDEO DISTORTION METER (RANGE: 150 TO 300 KHZ)					
103-735-100	(1/0)	7D	RECEIVER	TT	-----
		8	TROUBLE LOCATION	TT	-----
J64036A (36A) 36-TYPE VIDEO VISUAL GAIN-DELAY DISTORTION MEAS SET (RANGE: 12 TO 330 KHZ)					
103-736-100	(1/1)	7	TROUBLE INDICATION	TT	-----
J64036B (36B)					
103-736-150	(1/0)	7	TROUBLE INDICATION	TT	-----
KS-15512 VIDEO FREQUENCY OSCILLOSCOPE, LIST 1, 2, AND 3					
103-745-500	(2/0)	2C	HORIZONTAL AMPLIFIER GAIN TEST	TT	-----

## SECTION 103-001-011

103-745-500	(2/0)	2D	ASTIGMATISM ADJUSTMENT	TT	-----
		2E	CATHODE RAY TUBE REPLACEMENT	TT	-----
		5	TROUBLE INVESTIGATION	TT	-----
KS-15512 VIDEO FREQUENCY OSCILLOSCOPE, LIST 2					
103-745-500	(2/0)	3.05	AMPLIFIER ALIGNMENT	TT	-----
		3.07	INPUT ATTENUATOR AND PROBE ADJUSTMENT	TT	-----
		3.10	LOW-FREQUENCY ADJUSTMENT	TT	-----
KS-15512 VIDEO FREQUENCY OSCILLOSCOPE, LIST 3					
103-745-500	(2/0)	4B	AMPLIFIER ALIGNMENT	TT	-----
KS-15512 VIDEO FREQUENCY OSCILLOSCOPE, LIST 4					
103-745-501	(2/0)	12.01	VOLTAGE AND WAVEFORM MEASUREMENTS	TT	-----
		11.01	VERTICAL AND HORIZONTAL AMPLIFIER LINEARITY AND STABILITY CHECKS	TT	-----
		1.09	OPERATING CHECKS	TT	-----
		2.01	ASTIGMATISM ADJUSTMENT	TT	-----
		3.01	LOW-FREQUENCY ADJUSTMENT	TT	-----
		4.01	HORIZONTAL TRACKING ADJUSTMENT	TT	-----
		5.01	INPUT ATTENUATOR ADJUSTMENT AND CHECK	TT	-----
		6.01	PROBE ADJUSTMENT	TT	-----
		7.01	HIGH-VOLTAGE ADJUSTMENT	TT	-----
		8.01	VERTICAL AMPLIFIER ALIGNMENT	TT	-----
KS-15512 VIDEO FREQUENCY OSCILLOSCOPE, LIST 5					
103-745-502	(2/0)	13.01	VOLTAGE AND WAVEFORM MEASUREMENTS	TT	-----
		12.01	VERTICAL AND HORIZONTAL AMPLIFIER LINEARITY AND STABILITY CHECKS	TT	-----
		2.01	ASTIGMATISM ADJUSTMENT	TT	-----
		3.01	LOW-VOLTAGE REGULATOR ADJUSTMENT	TT	-----
		4.01	LOW-FREQUENCY ADJUSTMENT	TT	-----
		5.01	HORIZONTAL TRACKING ADJUSTMENT	TT	-----
		6.01	INPUT ATTENUATOR ADJUSTMENT AND CHECK	TT	-----
		7.01	PROBE ADJUSTMENT	TT	-----
		8.01	HIGH-VOLTAGE ADJUSTMENT	TT	-----
		9.01	VERTICAL AMPLIFIER ALIGNMENT	TT	-----
CONRAC CYB17 COLOR MONITOR					
103-746-100	(1/0)		DESCRIPTION, OPERATION, AND MAINTENANCE	TT	-----
KS-19833, L1 PICTURE MONITOR					
103-747-000	(1/0)		INSTRUCTION MANUAL	TT	-----
KS-19763, L1 OSCILLOSCOPE					
103-748-000	(2/0)		VIDEO TEST SETS	TT	-----
2.17 TRMSN TST EQPT; TLG AND TTY					
TROUBLE TESTS					
110-TYPE MULTIPLE SENDER FOR TELETYPEWRITER TEST SIGNALS					

103-806-104 (2/0)	DESCRIPTION AND OPERATION	TT	-----
103-806-500 (1/0)	OPERATION	TT	-----
117-TYPE TELEGRAPH STABILITY TEST SETS			
103-810-100 (3/0)	DESCRIPTION, OPERATION, AND MAINTENANCE	TT	-----
119-TYPE TELEGRAPH SIGNAL SETS			
103-812-102 (2/0)	DESCRIPTION	TT	-----
911A, B, AND C DATA TEST SETS			
103-813-100 (3/1) 4	FIELD MAINTENANCE	TT	-----
911D-TYPE DISTORTION MEASURING SET			
103-813-101 (1/0)	DESCRIPTION	TT	-----
911E DISTORTION MEASURING SET			
103-813-502 (1/0)	TESTS	TT	-----
911F DISTORTION MEASURING SET			
103-813-503 (3/0)	TESTS	TT	-----
911G TEST SENTENCE GENERATOR			
103-813-504 (2/0)	TESTS	TT	-----
911J DATA SIGNAL DISTORTING SET			
103-813-505 (1/0)	TESTS	TT	-----
NEON PLUG-TYPE HIT INDICATOR			
103-817-101 (1/0)	DESCRIPTION	TT	-----
162A1 AND 162B1 HIT INDICATORS			
103-817-500 (2/0)	OPERATION	TT	-----
STELMA SIGNAL CONDITION INDICATOR-SCI-6			
103-818-101 (1/0)	DESCRIPTION	TT	-----
164C1 TELEGRAPH TRANSMISSION MEASURING SET			
103-823-500 (1/0) 5	MAINTENANCE	TT	-----
165C1 FOR TESTING 43A1 CARRIER TELEGRAPH CHANNEL TERMINALS			
103-824-102 (6/0) 7	MAINTENANCE	TT	-----
KS-19935 TELEGRAPH CARRIER TEST SET			
103-825-100 (2/0)	DESCRIPTION	TT	-----
1H TELEGRAPH SIGNAL DISTORTION SETS			
103-835-100 (1/0)	DESCRIPTION	TT	-----
PROGRAMMING UNIT-TELETYPEWRITER TEST SIGNALS			
103-838-101 (1/0)	DESCRIPTION	TT	-----
103-838-102 (1/0)	FIGURES AND REFERENCES	TT	-----