

**TOLL TYPE EQUIPMENT**

**EQUIPMENT TEST LIST**

**DIGITAL AND ANALOGUE DATA TRANSMISSION**

**SYSTEMS**

**SEE SECTION 010-300-011 FOR ETL INSTRUCTIONS**

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314			DIGITAL AND ANALOGUE DATA TRANSMISSION SYSTEMS			
314-015			Data Line Switching Plan			
314-015-301	1		INTERTOLL TRUNKS — CIRCUIT ORDER, ROUTINE AND TROUBLE INVESTIGATION TESTS — TELEPHONE TYPE			
			Fig. 5 Summary of Tests			
		8	<i>Readjust To EML At 2300 Cycles Each</i>	MR	3M	
			<i>Direction Of Transmission</i>			
		9	<i>Net Loss — Frequency Measurement — Each</i>	MR	3M	
			<i>Direction of Transmission</i>			
314-015-304	1		SUBSCRIBER LINES — CIRCUIT ORDER ROUTINE AND TROUBLE INVESTIGATION TESTS — TELEPHONE TYPE			
			Fig. 3 Summary of Tests			
		9	<i>Initial Preparation For Over-All Testing</i>	MR	3M	
		10	<i>Initial 2300-Cycle Over-All Loss Measurements:</i>			
			<i>One-Way Only Measurement</i>	MR	3M	
			<i>Two-Way Measurement</i>	MR	3M	
		11	<i>Readjusted Loss At 2300 Cycles</i>	MR	3M	
314-016,019			Data Line Switching Plan—TWX and B1 Data Terminal			
314-016-301	3		TWX SWITCHING PLAN — VOICEBAND TWX TRUNKS CIRCUIT ORDER, ROUTINE, AND TROUBLE TESTING			
		6.	<i>ROUTINE MEASUREMENTS</i>			
		(a)	<i>Noise Measurements</i>	MR	6M	
		(b)	<i>Loss Deviation Measurements</i>	MR	M	
314-016-305	2		TWX SWITCHING PLAN — TWX B1 TRUNKS — CIRCUIT ORDER, ROUTINE, AND TROUBLE TESTING			
		3.	<i>ROUTINE MEASUREMENTS</i>			
		A	<i>Level Check On 4-Wire Layout</i>	MR	3M	
		B	<i>AGC Operation And Level Check</i>	MR	M	
		C	<i>Trunk Distortion Measurements</i>	MR	6M	
314-020			Remote Test Center Dial-Up Testing Systems			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-020-301	2		TEST TRUNKS USING TEST LINE SD-70912-01			
			— CIRCUIT ORDER AND ROUTINE TESTS			
			Fig. 1 — Summary of Tests			
		6	Adjust Gain Of V3 Amplifier In Test Line	MR	M	
			Control Circuit To Produce A Gain Of 25 dB			
		7	Line-Up Trunk At 2300 Cycles In Sending	MR	M	
			Direction			
		8	Line-Up Trunk At 2300 Cycles In Receiving	MR	M	
			Direction			
		11	Measure "Narrow-Band" Impulse Noise At	MR	6M	
			Trunk Terminals			
		12	"Bench Test" 43A1 Channel Terminal Units	MR	M	
		13	Adjust SEND LEV Control Of 43A1 To Produce	MR	M	
			An Output Of - 11 dBm			
		14	Set REC GAIN Control Of "Send And Receive"	MR	M	
			43A1 Channel Terminal Unit			
		15	Set REC GAIN Control Of "Receive Only"	MR	M	
			43A1 Channel Terminal Unit			
		16	Set REC BIAS Control Of "Send And Receive"	MR	M	
			43A1 Channel Terminal Unit			
		17	Set REC BIAS Control Of "Receive Only"	MR	M	
			43A1 Channel Terminal Unit			
		18	Measure Distortion On A Test Monitoring	MR	M	
			Connection			
314-031			Deleted			
314-031-300	1		Deleted			
314-3			DIAL TWX ON DIRECT DISTANCE DIALING (DDD)			
			NETWORK			
314-300			TWX Subscriber Lines			
314-300-300	1		CIRCUIT ORDER, ROUTINE, AND TROUBLE			
			INVESTIGATION TESTS			
		3.	ROUTINE TESTS			
		1.	Low-Gain Loops	MR	12M	
		2.	E6 Repeater	MR	12M	
		3.	E7 Repeater	MR	12M	
		4.	RX Loops Containing Carrier	MR	3M	
314-410			Private Line Data Circuits			

## EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-410-500	4		VOICE BANDWIDTH DATA CIRCUITS —			
			TESTS AND REQUIREMENTS			
			Table E — Test Intervals			
			Net Loss (1000 Hz)			
			<i>Section Between STC And Station</i>	MR	6M	
			<i>Section Between STCs</i>	MR	12M	
			Message Circuit Noise			
			STC-STC	MR	12M	
			STC-STA	MR	6M	
			Impulse Noise			
			STC-STC	MR	12M	
			STC-STA	MR	6M	
			Total Power Output From Customer	MR	M	
			(If Available)			
			STC-STC	MR	12M	
			STC-STA	MR	6M	
			P/AR			
			STC-STC	MR	12M	
			STC-STA	MR	6M	
314-411			Private Line Data Systems — Special			
			Network			
314-411-306	1		SPECIAL SUPERGROUP SYSTEM X-147—GENERAL			
			MAINTENANCE			
		3.02	System Level Tests	MW	M	
		3.03	System Noise Tests	MW	M	
		3.04	Spare Transmitter Operation	MW	M	
		3.05	Spare Receiver Operation	MW	M	
314-411-500	1		UNITED AIR LINES RESERVATION SYSTEM —			
			OVERALL TESTS AND TROUBLE LOCATION			
			Table 2 — Routine Tests			
			Out Of Service			
			1000-Cycles Net Loss (Local Channels	MR	M	
			And Intercity Circuit Sections)			
			1000-Cycles Net Loss (For Local Channels	MR	12M	
			Only, That Do Not Include Any Electronic			
			Equipment)			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-411-500	1		(Cont)			
			<i>Net Loss Frequency (Local Channels And</i>	<i>MR</i>	<i>6M</i>	
			<i>Intercity Circuit Sections)</i>			
			<i>Net Loss Frequency (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			
			<i>Equipment)</i>			
			<i>Delay Distortion (Local Channels And</i>	<i>MR</i>	<i>12M</i>	
			<i>Intercity Circuit Sections)</i>			
			In-Service Tests			
			<i>Peak Distortion</i>	<i>MR</i>	<i>W</i>	
			<i>Level Check</i>	<i>MR</i>	<i>W</i>	
314-411-501	1		FEDERAL AVIATION AGENCY — AUTOMATIC			
			DATA INTERCHANGE SYSTEM (ADIS) — OVERALL			
			TESTS AND TROUBLE LOCATION			
			Table 2 — Routine Tests			
			<i>1000-Cycle Net Loss (Local Channels</i>	<i>MR</i>	<i>M</i>	
			<i>And Major Circuit Sections)</i>			
			<i>1000-Cycle Net Loss (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			
			<i>Equipment)</i>			
			<i>Net Loss Frequency (Local Channels And</i>	<i>MR</i>	<i>6M</i>	
			<i>Major Circuit Sections)</i>			
			<i>Net Loss Frequency (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			
			<i>Equipment)</i>			
			In-Service Routine Tests			
			<i>Peak Or Short Pulse Distortion</i>	<i>MR</i>	<i>W</i>	
			<i>Level Check Measured At STC</i>	<i>MR</i>	<i>W</i>	
314-411-502	2		PRIVATE LINE DATA SYSTEMS — SPECIAL			
			DATA NETWORKS — AMERICAN AIRLINES			
			RESERVATION SYSTEM — OVERALL TESTS AND			
			TROUBLE LOCATION			
			Table 2 — Routine Tests			
			<i>1000-Cycle Net Loss (Local Channels And</i>	<i>MR</i>	<i>M</i>	
			<i>Major Circuit Sections)</i>			
			<i>1000-Cycle Net Loss (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-411-502	2		(Cont)			
			<i>Equipment)</i>			
			<i>Net Loss Frequency (Local Channels And</i>	<i>MR</i>	<i>6M</i>	
			<i>Major Circuit Sections)</i>			
			<i>Net Loss Frequency (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			
			<i>Equipment)</i>			
			In-Service Routine Tests			
			<i>Level Check</i>	<i>MR</i>	<i>W</i>	
314-411-503	1		PRIVATE LINE DATA SYSTEMS — SPECIAL			
			DATA NETWORK — EASTERN AIRLINES			
			RESERVATION SYSTEM, OVERALL TESTS,			
			TROUBLE LOCATION, AND REPORTING			
			PROCEDURES			
			Table 3 — Routine Tests			
			<i>1000-Cycle Net Loss (Local Channels And</i>	<i>MR</i>	<i>M</i>	
			<i>Major Circuit Sections)</i>			
			<i>1000-Cycle Net Loss (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			
			<i>Equipment)</i>			
			<i>Net Loss Frequency (Local Channels And</i>	<i>MR</i>	<i>6M</i>	
			<i>Major Circuit Sections)</i>			
			<i>Net Loss Frequency (For Local Channels</i>	<i>MR</i>	<i>12M</i>	
			<i>Only, That Do Not Include Any Electronic</i>			
			<i>Equipment</i>			
			In-Service Routine Tests			
			<i>Level Check</i>	<i>MR</i>	<i>W</i>	
314-411-504	3		PRIVATE LINE DATA SYSTEMS — SPECIAL			
			DATA NETWORKS — SAC CONTROL SYSTEM			
			(SACCS) DESCRIPTION AND SERVICE			
			MAINTENANCE			
			Table 1 — Test Requirements And Intervals			
			1000-Cycle Net Loss			
			<i>STC To STC</i>	<i>MR</i>	<i>M</i>	
			<i>Station To Station</i>	<i>MR</i>	<i>3M</i>	
			Loss-Frequency			
			<i>Station To Station</i>	<i>MR</i>	<i>12M</i>	

## EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ'T.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-411-504	3		(Cont)			
			Envelope Delay			
			Station To Station	MR	12M	
			Impulse Noise			
			Station To Station	MR	3M	
			Total Power Output	MR	3M	
			In-Service Tests			
			Data Level at STC From Local Station	MR	D	
			Data Level at STC From Distant Station	MR	D	
314-5			A1 DIGITAL DATA TRANSMISSION SYSTEM AND SAGE DATA TRANSMISSION SYSTEMS			
314-500			A1 Digital Data Transmission System			
314-500-305	2		USING FOUR-PHASE DATA SETS — PERIODIC TEST INTERVALS			
		2.01	Out-of-Service Tests — Overall Circuit			
		(a)	1000-Cycle Net Loss			
			Overall Circuit	MR	3M	
			Interexchange Facilities	MR	M	
		(b)	Frequency Response	MR	12M	
		(d)	Matching Error Check	MR	3M	
		(e)	Steady Noise	MR	3M	
		(f)	Impulse Noise	MR	3M	
314-500-500	3		Deleted			
314-501			Deleted			
314-501-501	3		Deleted			
314-502			Deleted			
314-502-501	2		Deleted			
314-503			Deleted			
314-503-501	2		Deleted			
314-504			Transfer and Control Circuit			
314-504-501	2		OUT-OF-SERVICE TESTS	MR	3M.	
314-505			Word Generator			
314-505-501	2		WORD GENERATOR CIRCUIT SD-16097-01 —	MR	M	
			OUT-OF-SERVICE TESTS			
314-505-502	2		WORD GENERATOR CIRCUIT SD-16005-01 —	MR	M	
			OUT-OF-SERVICE TESTS			
314-506			Matching and Error Counting Circuit			

## EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-506-501	3		OUT-OF-SERVICE TESTS	MR	M	
314-507			Parity Check Circuit			
314-507-501	3		OUT-OF-SERVICE TESTS	MR	M	
314-553			Ground-To-Air Data Systems			
314-553-300	2		PERIODIC TEST INTERVALS			
			Transmission Tests			
		2.01	1000-Cycle Net Loss	MR	M	
			Sending Level And Sensitivity of 43A1 Channels			
		3.04	43A1 Sending Level	MR	M	
		3.05	Direction Center 43A1 Receiver Level	MR	M	
			Sensitivity			
		3.06	Radio Site 43A1 Receiver Level	MR	M	
			Sensitivity			
314-6			WIDEBAND DATA SYSTEMS			
314-600			Wideband Digital Pulse Transmission System			
314-600-501	1		SYSTEM MAINTENANCE			
		2.	Routine Tests			
		(A)	Station Power Alarm Test	MW	6M	
		(B)	Customer Facility Test (The Customer			
			Facilities Should Be Periodically Tested			
			In Accordance With The Instructions			
			Appropriate To The Particular Facility			
			Being Used)			
		(C)	PCT Tube Tests	MW	3M	
		(D)	PCT Output Test	MW	3M	
		(E)	Transmission Alarm Tests	MW	3M	
		(F)	Carrier Facility Test (The Carrie			
			Facilities Used By WIBAD Service Should			
			Be Tested At The Same Intervals That			
			Similar Facilities Used In Regular			
			Service Would Be Tested)			
		(G)	Signaling System Test	MR	12M	
		(H)	Voice Network Tests (Maintain In Accordance			
			With The Standard Practice For Any Similar			
			Private Line Network)			
314-605			40.8-Kilobit Data Transmission System			
314-605-501	1		TOLL SYSTEM-A2 (40.8 KILOBIT) DATA	MW	3M	

## EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-605-501	1		(Cont)			
			TRANSMISSION SYSTEM — OVERALL GAIN ADJUSTMENT			
314-609			Groupband Data Systems (Restored Polar)			
314-609-511	1		SWITCHED NETWORK AND 2-POINT PRIVATE LINE— GAIN-FREQUENCY MEASUREMENTS	<i>MR</i>	<i>6M</i>	
314-609-512	1		SWITCHED NETWORK AND 2-POINT PRIVATE LINE— NOISE MEASUREMENTS	<i>MR</i>	<i>6M</i>	
314-7			TELEPHOTOGRAPHY			
314-715			General Descriptive Information			
314-715-101	4		TONIOC EQUIPMENT Table D			
		3.04	Heater Current	<i>MR</i>	<i>3M</i>	
		3.05	Plate Current	<i>MR</i>	<i>3M</i>	
		3.06	Filament Activity	<i>MR</i>	<i>3M</i>	
		3.08	Relay Operate And Release Currents	<i>MR</i>	<i>3M</i>	
		3.09	-3.11 Relay Timing — E-W And W-E	<i>MR</i>	<i>3M</i>	
		3.10	-3.11 2100-Cycle Sensitivity — E-W and W-E	<i>MR</i>	<i>3M</i>	
		3.03	Electron Tube Tests	<i>MR</i>	<i>3M</i>	
314-715-104	2		TONE OPERATED CONTROL CIRCUIT — TOCC PER SD-56524-01			
		8.06	Out-of-Service Test			
		A	Tuning Filter To Carrier Frequency	<i>MR</i>	<i>6M</i>	
		B	Low-Level Sensitivity	<i>MR</i>	<i>6M</i>	
		C	High-Level Sensitivity	<i>MR</i>	<i>6M</i>	
		D	Timing Cycle	<i>MR</i>	<i>6M</i>	
314-715-504	3		TELEPHOTOGRAPHY — TONE-OPERATED CONTROL CIRCUIT (SD-56524-01) — OUT-OF-SERVICE TESTS			
		1.03	Tests Covered			
		A	Tuning Filter To Carrier Frequency	<i>MR</i>	<i>6M</i>	
		B	Low-Level Sensitivity	<i>MR</i>	<i>6M</i>	
		C	High-Level Sensitivity	<i>MR</i>	<i>6M</i>	
		D	Timing Cycle	<i>MR</i>	<i>6M</i>	
314-728			Initial and Periodic Maintenance Tests			
314-728-502	3		OVERALL CIRCUIT TEST Table 12 — Summary Of Tests			

## EQUIPMENT TEST LIST

B.S.P.	ISS	TEST OR REQ.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-728-502	3		(Cont)			
		A	1000-Cycle Net Loss	MR	M	
		B	2000-Cycle Net Loss	MR	D	
		C	Stability	MR	D	
		D	Single-Frequency Interference	MR	D	
		E	Noise	MR	M	
		G	Net Loss-Frequency	MR	6M	
		H	Return Loss			
			(1) Control Office Test	MR	M	
			(2) General Control Office Test	MR	W	
		J	Envelope Delay — STC To Customer	MR	12M	
		K	Control Circuit			
			(1) Section Test	MR	3M	
			(2) Overall Test	MR	D	
		L	Tests With Subscriber	MR	6M	
314-8			DATA SYSTEMS — COMMON CIRCUITS, EQUIPMENT AND PROCEDURES			
314-800			Station Monitoring Test Trunk SD-98141-01			
314-800-300	1		CIRCUIT ORDER AND ROUTINE TESTS			
			Fig. 1 — Summary of Tests			
		4	Adjust Gain Of Monitoring Amplifier At 2300 Cycles	MR	3M	
		5	Line-Up Trunk At 2300 Cycles	MR	3M	
		6	Measure 1000-Cycle Loss On Trunk	MR	3M	
314			DIGITAL AND ANALOGUE TRANSMISSION SYSTEMS			
314-015			Data Line Switching Plan			
314-015-301	1		INTERTOLL TRUNKS — CIRCUIT ORDER, ROUTINE AND TROUBLE INVESTIGATION TESTS — TELEPHONE TYPE	TT		
314-015-304	1		SUBSCRIBER LINES — CIRCUIT ORDER ROUTINE AND TROUBLE INVESTIGATION TESTS — TELEPHONE TYPE	TT		
314-015-501	2		MEASUREMENT OF NARROW BAND IMPULSE NOISE	TT		
314-015-502	1		BALANCE TESTING PROCEDURES	TT		
314-016, 019			Data Line Switching Plan — TWX and B1 Data Terminal			
314-016-301	3		TWX SWITCHING PLAN — VOICEBAND TWX	TT		

## EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-016-301	3		(Cont)			
			TRUNKS — CIRCUIT ORDER, ROUTINE, AND TROUBLE TESTING			
314-016-305	2		TWX SWITCHING PLAN — TWX B1 TRUNKS — CIRCUIT ORDER, ROUTINE, AND TROUBLE TESTING	TT		
314-016-515	2		TWX SWITCHING PLAN — BALANCE TESTING PROCEDURES — TWX OFFICES	TT		
314-016-550	1		B1 DATA CARRIER TERMINAL — TESTS AND TROUBLE LOCATION — GENERAL	TT		
314-017-550	2		B1 DATA CARRIER TERMINAL CHANNEL AND LINE CIRCUITS — MAINTENANCE TESTS	TT		
314-018-550	2		B1 DATA CARRIER TERMINAL — MULTIPLEXER AND MODULATOR — TESTS AND TROUBLE LOCATION	TT		
314-018-551	2		B1 DATA CARRIER TERMINAL — DEMODULATOR, TROUBLE TIMER, AND DEMULTIPLEXER — TESTS AND TROUBLE LOCATION	TT		
314-019-550	1		B1 DATA CARRIER TERMINAL — CARRIER SUPPLY CIRCUIT — TESTS AND TROUBLE LOCATION	TT		
314-020-301	2		TEST TRUNKS USING TEST LINE SD-70912-01 — CIRCUIT ORDER AND ROUTINE TESTS	TT		
314-031			WADS — B Subscriber Lines Employing Data Set 101A			
314-031-300	1		Deleted			
314-031-502	1		Deleted			
314-031-503	1		Deleted			
314-031-504	1		Deleted			
314-3			DIAL TWX ON DIRECT DISTANCE DIALING (DDD) NETWORK			
314-300			TWX Subscriber Lines			
314-300-300	1		CIRCUIT ORDER, ROUTINE, AND TROUBLE INVESTIGATION TESTS	TT		
314-410			Private Line Data Circuits			
314-410-500	3		VOICE BANDWIDTH CIRCUITS FOR MISCELLANEOUS DATA — OVERALL TESTS AND	TT		

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-410-500	3		(Cont)			
			REQUIREMENTS			
314-411			Private Line Data Systems — Special Network			
314-411-306	1		SPECIAL SUPERGROUP SYSTEM X-147 — GENERAL MAINTENANCE			
		3.06	Monitor Customer Signal	TT		
314-411-500	1		UNITED AIR LINES RESERVATION SYSTEM — OVERALL TESTS AND TROUBLE LOCATION	TT		
314-411-501	1		FEDERAL AVIATION AGENCY — AUTOMATIC DATA INTERCHANGE SYSTEM (ADIS) — OVERALL TESTS AND TROUBLE LOCATION	TT		
314-411-502	2		PRIVATE LINE DATA SYSTEMS — SPECIAL DATA NETWORK — AMERICAN AIRLINES RESERVATION SYSTEM — OVERALL TESTS AND TROUBLE LOCATION	TT		
314-411-503	1		PRIVATE LINE DATA SYSTEMS — SPECIAL DATA NETWORKS — EASTERN AIRLINES RESERVATION SYSTEM, OVERALL TESTS, TROUBLE LOCATION AND REPORTING PROCEDURES	TT		
314-411-504	3		PRIVATE LINE DATA SYSTEMS — SPECIAL DATA NETWORKS — SAC CONTROL SYSTEM (SACCS) — DESCRIPTION AND SERVICE MAINTENANCE	TT		
314-411-506	1		SPECIAL SUPERGROUP SYSTEM X-147 — TESTS AND TROUBLE LOCATION			
		3.08	Gain-Frequency	TT		
		3.11	Relative Envelope Delay	TT		
		3.12	Interchannel Delay	TT		
		3.13	Gaussian Noise	TT		
		3.13	Impulse Noise	TT		
		3.13	Single-Frequency Noise	TT		
		3.16	Phase Jitter	TT		
		3.17	Harmonic Distortion	TT		
		3.18	Signal Frequency Shift	TT		
		3.19	Long-Term Gain Stability	TT		

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-411-506	1		(Cont)			
		5	Trouble Location	TT		
314-5			A1 DIGITAL DATA TRANSMISSION SYSTEM AND SAGE DATA TRANSMISSION SYSTEMS			
314-500			A1 Digital Data Transmission System			
314-500-500	3		OVERALL TESTS AND TROUBLE LOCATION	TT		
314-500-501	1		Deleted			
314-500-505	3		USING 4-PHASE DATA SETS—TROUBLE TESTING AND LOCATION	TT		
314-501			Transmitter			
314-501-300	2		Deleted			
314-501-305	1		FOUR-PHASE DIGITAL DATA TRANSMITTER — MAINTENANCE TEST	TT		
314-502			Receiver			
314-502-305	1		FOUR-PHASE DIGITAL DATA RECEIVER — MAINTENANCE TEST	TT		
314-503			Deleted			
314-503-300	1		Deleted			
314-504			Transfer and Control Circuit			
314-504-300	2		ANALYSIS AND CLEARANCE OF TROUBLE	TT		
314-505			Word Generator			
314-505-301	1		WORD GENERATOR CIRCUIT SD-1G097-01 — ANALYSIS AND CLEARANCE OF TROUBLE	TT		
314-505-302	2		WORD GENERATOR CIRCUIT SD-1G005-01 — ANALYSIS AND CLEARANCE OF TROUBLE	TT		
314-555			Private Service Systems — Air-Ground Voice Communication System			
314-555-501	1		DUAL FACILITY TRUNK — OVERALL TESTS	TT		
314-555-502	1		DUAL FACILITY TRUNKS — LOCAL TESTS OF A/G TRUNKS AT SITE TESTBOARD	TT		
314-555-503	1		DUAL FACILITY TRUNKS — LOCAL TESTS OF A/G TRUNKS AT DC TESTBOARD	TT		
314-556-501	1		COMMON USER GROUP EQUIPMENT — LINK AND CONTROLLER — TESTS	TT		
314-556-502	1		COMMON USER GROUP EQUIPMENT — CHANNEL AND SENDER CIRCUITS — TESTS	TT		
314-556-503	1		COMMON USER GROUP EQUIPMENT	TT		

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-556-503	1		(Cont)			
			— OVERALL TESTS			
314-556-504	2		AIR-GROUND VOICE COMMUNICATION SYSTEM — COMMON USER GROUP EQUIPMENT — TRUNKS AND CODE RECEIVER — TESTS	TT		
314-556-505	1		COMMON USER GROUP EQUIPMENT — TESTS OF AUTOMATIC TEST CIRCUIT	TT		
314-557-501	2		43A1 CARRIER TELEGRAPH TERMINAL — TESTS	TT		
314-6			WIDEBAND DATA SYSTEMS			
314-600			Wideband Digital Pulse Transmission System			
314-600-501	1		SYSTEM MAINTENANCE	TT		
314-600-502	1		BASEBAND FACILITIES	TT		
314-600-503	1		PULSE CARRIER TERMINAL	TT		
314-600-504	1		L CARRIER TERMINAL	TT		
314-600-505	2		ON CARRIER FACILITIES	TT		
314-600-506	1		SIGNALING AND SUPERVISORY SYSTEM	TT		
314-602			Deleted			
314-602-100	2		Deleted			
314-605			40.8-Kilobit Data Transmission System			
314-605-301	1		TOLL SYSTEMS — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — TROUBLE LOCATION	TT		
314-605-502	1		TOLL SYSTEM — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — GAIN FREQUENCY MEASUREMENTS	TT		
314-605-503	1		TOLL SYSTEMS — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — NOISE MEASUREMENT	TT		
314-605-504	1		TOLL SYSTEMS — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — CROSSTALK COUPLING — LOSS MEASUREMENTS	TT		
314-605-505	1		TOLL SYSTEMS — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — DIGITAL ERROR RATE MEASUREMENTS	TT		
314-605-506	2		TOLL SYSTEMS — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — RELATIVE ENVELOPE DELAY MEASUREMENTS	TT		
314-605-507	1		TOLL SYSTEMS — A2 (40.8 KILOBIT) DATA TRANSMISSION SYSTEM — OSCILLOSCOPE TESTS	TT		

## EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
314-607			Deleted			
314-607-500	1		Deleted			
314-608			Half Groupband Data Systems			
314-608-501	1		2-POINT PRIVATE LINE GAIN FREQUENCY MEASUREMENT	TT		
314-608-503	1		2-POINT PRIVATE LINE NOISE MEASUREMENTS	TT		
314-608-506	1		Deleted			
314-609			Groupband Data Systems (Restored Polar)			
314-609-311	1		SWITCHED NETWORK AND 2-POINT PRIVATE LINE— TROUBLE LOCATION	TT		
314-609-510	2		SWITCHED NETWORK AND 2-POINT PRIVATE LINE — GENERAL MAINTENANCE			
314-609-511	1		SWITCHED NETWORK AND 2-POINT PRIVATE LINE — GAIN-FREQUENCY MEASUREMENTS	TT		
314-609-512	1		SWITCHED NETWORK AND 2-POINT PRIVATE LINE — NOISE MEASUREMENTS	TT		
314-609-513	1		SWITCHED NETWORK AND 2-POINT PRIVATE LINE — RELATIVE ENVELOPE DELAY MEASUREMENTS	TT		
314-640			WLR-2 Wideband Loop Repeater			
314-640-500	2		WLR-1 AND WLR-2 WIDEBAND LOOP REPEATER (10 TO 51 KC) — TROUBLESHOOTING PRO- CEDURES AND MAINTENANCE TESTS	TT		
314-641			50-KC Wideband Loop Repeater			
314-641-500	1		WLR-3 REPEATER — (1 TO 50 KC) — MAINTENANCE	TT		
314-642			WLR-4 Wideband Loop Repeaters			
314-642-500	1		250-KILOBIT WIDEBAND LOOP — 1 TO 250 KHZ WLR-4 REPEATER — MAINTENANCE	TT		
314-643			WLR-5 Wideband Loop Repeater			
314-643-500	1		50-KILOBIT WIDEBAND LOOP — 1 to 50 KHZ 50 KHZ — WLR-5 REPEATER — MAINTENANCE	TT		
314-644			WRR-1 Wideband Regenerative Repeater			
314-644-500	1		MAINTENANCE TESTS	TT		
314-7			TELEPHOTOGRAPHY			
314-715			General Descriptive Information			
314-715-101	4		TONIOC EQUIPMENT	TT		

