

**EQUIPMENT TEST LIST**  
**CENTREX**  
**OFFICES WITH MASTER TEST FRAME**  
**NO. 5 CROSSBAR SYSTEMS**

CONTENTS	PAGE	CONTENTS	PAGE
1. GENERAL . . . . .	1	17.17 POS & POS LP CKT . . . . .	9
17.1 CALL WTG SIG CKT . . . . .	2	17.18 POS & POS LP . . . . .	9
17.2 LINE CIRCUIT CAO . . . . .	2	17.19 CONF AUX, CONF . . . . .	10
17.3 TRANSFER REG DP . . . . .	3		
17.4 TRANSFER REG TT . . . . .	3	1. GENERAL	
17.5 MISC ALARM CKT (ES-65835-01) . . . . .	7	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.	
17.6 HI IMP TONE GEN (SD-27825-01) . . . . .	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.	
17.7 POSITION LK CKT (SD-26185-01) . . . . .	7	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.	
17.8 TT TO DP CONVR (ES-26505-01) . . . . .	7	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.	
17.9 TIMING CIRCUIT (ES-26510-01) . . . . .	8	1.05 Section 010-300-011 provides Equipment Test List instructions.	
17.10 TRNSF LINE IDENT . . . . .	8		
17.11 TR IDEN CONN . . . . .	8		
17.12 TR REG LINK CKTS . . . . .	8		
17.13 IRL CKT-PHI-TSTS . . . . .	8		
17.14 ATND LP CKT . . . . .	8		
17.15 CALL-WAIT SIG CT . . . . .	9		
17.16 ACC GRP CONT . . . . .	9		

**NOTICE**

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

## 17.0 CENTREX

## ◆ 17.1 CENTREX; CALL WTG SIG CKT

## ◆ TROUBLE TESTS

◆	218-326-501	(1/0)	A	WHITE, GREEN & RED CALLS-WAITING SIGNAL	TT	-----
◆			C	DELAY CIRCUIT	TT	-----
◆	SD-26271-01					
◆	218-399-519	(2/0)	B	CALLS-WAITING IND AT CUSTOMER PREMISES	TT	-----
◆	SD-27653-01					
◆	218-326-501	(1/0)	B	CALLS-WAITING IND AT CUSTOMER PREMISES	TT	-----

## 17.2 CENTREX; LINE CIRCUIT CAO

## SELECT ONLY ONE CATEGORY

## SD-27896-01

	218-353-502	(2/0)	A	SEIZURE & DISCONNECT	MW 12M	-----
			B	ATND START-IN-COMPL OF TRF & RETRF	MW 12M	-----

## SD-27945-01

	218-353-501	(3/0)	A	SEIZURE & DISCONNECT	MW 12M	-----
			B	ATND START-IN-COMPL OF TRF & RETRF	MW 12M	-----

## SD-26378-01

	218-253-503	(2/0)	B	LINE CIRCUIT SEIZURE, START-IN, AND DISCONNECT-TRANSFER CALL:	MW 12M	-----
	218-353-503	(2/0)	A	LINE CIRCUIT SEIZURE, START-IN, AND DISCONNECT-LDN CALL:	MW 12M	-----

## TROUBLE TESTS

	218-353-501	(3/0)	C	ATND START-IN--NO TRF REG AVAIL.	TT	-----
			D	ATND START-IN--CANCEL START-IN REQ	TT	-----
			E	RT DIODE CHECK	TT	-----
			F	ADST, DIODE CHECK	TT	-----
			G	REORDER	TT	-----
			H	MAKE-BUSY	TT	-----
			I	REMOTE MAKE-BUSY	TT	-----
			J	CALL-THROUGH TEST	TT	-----
			K	S1 LEAD CHECK	TT	-----
			L	SUBGROUP BUSY INDICATION (ETS NOT PROVIDED)	TT	-----
	218-353-502	(2/0)	C	ATND START-IN--NO TRF REG AVAIL.	TT	-----
			D	ATND START-IN--CANCEL START-IN REQ	TT	-----
			E	RT DIODE CHECK	TT	-----
			F	ADST DIODE CHECK	TT	-----
			G	REORDER	TT	-----
			H	MAKE-BUSY	TT	-----
			I	REMOTE MAKE-BUSY	TT	-----
			J	CALL-THROUGH TEST	TT	-----
			K	S1 LEAD TEST	TT	-----

218-353-502	(2/0)	L	SUBGROUP BUSY INDICATION TESTS (ETS NOT PROVIDED)	TT	-----
218-353-503	(2/0)	C	DESTINATION RECALL:	TT	-----
		D	ABANDONED CALLS:	TT	-----
		E	REMOTE MAKE-BUSY:	TT	-----
		F	MAKE-BUSY TEST:	TT	-----
		G	REORDER:	TT	-----
		H	CALL-THROUGH TEST:	TT	-----
		I	RT DIODE CHECK:	TT	-----
		J	S1 LEAD CHECK:	TT	-----
		K	SUB-GROUP BUSY INDICATION CHECK:	TT	-----
		L	TM3 TIMING TEST:	TT	-----

17.3 CENTREX; TRANSFER REG DP

AUTOMATIC MONITOR PROVIDED

SELECT ONLY ONE CATEGORY

PHASE I OR II

218-346-504	(2/0)	I	PARTIAL DIAL TIMEOUT	MR 24M	-----
		K	COMMON ALARM TIMING	MR 24M	-----

PHASE III

218-346-501	(6/0)	AC	COMMON ALARM TIMING	MR 24M	-----
-------------	-------	----	---------------------	--------	-------

AUTOMATIC MONITOR NOT PROVIDED

SELECT ONLY ONE CATEGORY

PHASE I OR II

218-346-503	(2/0)	G	PARTIAL DIAL TIMEOUT	MR 24M	-----
		I	COMMON ALARM TIMING	MR 24M	-----
		Q	PRECISION PULSING (DP)	MR 24M	-----

PHASE III

218-346-502	(4/1)	Q	PARTIAL DIAL TIMEOUT	MR 24M	-----
		T	COMMON ALARM TIMING	MR 24M	-----
		Z	PRECISION PULSING	MR 24M	-----

17.4 CENTREX; TRANSFER REG TT

AUTOMATIC MONITOR PROVIDED

SELECT ONLY ONE CATEGORY

PHASE I OR II

218-346-504	(2/0)	I	PARTIAL DIAL TIMEOUT	MR 24M	-----
		K	COMMON ALARM TIMING	MR 24M	-----
		L	HIGH FREQUENCY	MR 12M	-----
		M	LOW FREQUENCY	MR 12M	-----
		N	HIGH LEVEL	MR 12M	-----
		O	LOW LEVEL	MR 12M	-----
		P	SINGLE FREQUENCY	MR 12M	-----

218-346-504	(2/0)	Q	SPECIAL 3-FREQUENCY	MR	12M	-----
		R	LONG PULSE	MR	12M	-----
PHASE III						
218-346-501	(6/0)	AC	COMMON ALARM TIMING	MR	24M	-----
		AD	HIGH LEVEL	MR	12M	-----
		AE	LOW LEVEL	MR	12M	-----
		AF	HIGH FREQUENCY	MR	12M	-----
		AG	LOW FREQUENCY	MR	12M	-----
		AH	SINGLE FREQUENCY	MR	24M	-----
		AI	SPECIAL 3-FREQUENCY	MR	24M	-----
		AJ	LONG PULSE	MR	24M	-----
TROUBLE TESTS						
218-346-501	(6/0)	A	4-,5-,7-TRANSFER IDENTIFICATION--NO TROUBLE	TT		-----
		C	MANUAL TRANSFER CALL	TT		-----
		D	DON'T ANSWER TRANSFER CALL	TT		-----
		E	FIRST TRIAL LINE IDENT CONN--TROUBLE (4-,5-,7-DIGIT)	TT		-----
		G	FIRST TRIAL LINE IDENT CONN--TROUBLE (MANUAL)	TT		-----
		H	FIRST TRIAL LINE IDENT CONN--TROUBLE (DAT)	TT		-----
		I	SECOND TRIAL LINE IDENT CONN--TROUBLE	TT		-----
		J	FIRST TRIAL LINE IDENT FUNCTION--TROUBLE 4-,5-,7-DIGIT)	TT		-----
		L	FIRST TRIAL LINE IDENT FUNCTION--TROUBLE (MANUAL)	TT		-----
		M	FIRST TRIAL LINE IDENT FUNCTION--TROUBLE (DAT)	TT		-----
		N	SECOND TRIAL LINE IDENT FUNCTION--TROUBLE	TT		-----
		O	FIRST DIGIT ZERO	TT		-----
		O.1	OPERATOR ERROR	TT		-----
		P	LINK RELEASE	TT		-----
		Q	DOUBLE CONNECTION	TT		-----
		R	TRUNK CUT-THROUGH RELAY	TT		-----
		S	4-,5-,7-DIGIT RETRANSFER CALL	TT		-----
		U	MANUAL RETRANSFER CALL	TT		-----
		V	ABANDONED CALL--NONATTENDANT	TT		-----
		W	ABANDONED CALL--ATTENDANT	TT		-----
		X	OVERALL TIMEOUT OF IDENTIFICATION	TT		-----
		Y	PERMANENT SIGNAL TIMING	TT		-----
		Z	VERIF OF TROUBLE RECORDER LEADS	TT		-----
		AA	DIAL TONE	TT		-----
		AB	RECYCLE OF TIMING	TT		-----
		AK	WIDEBAND TRANSFER FEATURES	TT		-----
218-346-504	(2/0)	A	4-DIGIT TRANSFER CALL	TT		-----

218-346-504 (2/0)	B	5-DIGIT TRANSFER CALL	TT	-----
	C	4-DIGIT RETRANSFER CALL	TT	-----
	D	5-DIGIT RETRANSFER CALL	TT	-----
	E	FIRST DIGIT ZERO WITH CONSOLE	TT	-----
	F	FIRST DIGIT ZERO WITH CONSOLE--TROUBLE	TT	-----
	G	FIRST DIGIT ZERO--NO CONSOLE	TT	-----
	H	ABANDONED CALL	TT	-----
	J	PERMANENT SIGNAL TIMING	TT	-----
	S	LINK RELEASE	TT	-----
	T	TRUNK CUT-THROUGH RELAY	TT	-----
	U	DIAL TONE	TT	-----
	V	RECYCLE OF TIMING	TT	-----
	W	DOUBLE CONNECTION	TT	-----

## AUTOMATIC MONITOR NOT PROVIDED

## SELECT ONLY ONE CATEGORY

## PHASE I OR II

218-346-503 (2/0)	G	PARTIAL DIAL TIMEOUT	MR 24M	-----
	I	COMMON ALARM TIMING	MR 24M	-----
	J	MAX & MIN FREQUENCY	MR 12M	-----
	K	LOW AND HIGH LEVEL	MR 12M	-----
	L	SINGLE FREQUENCY	MR 12M	-----
	M	SPECIAL 3-FREQUENCY	MR 12M	-----
	Q	PRECISION PULSING (DP) (3A PULSE GENERATING TEST SET)	MR 24M	-----
	Q.1	PRECISION PULSING (DP) (4A SIGNALING TEST SET)	MR 24M	-----
	R	REG PRECISION PULSING (TOUCH-TONE) (3A PULSE GENERATING TEST SET)	MR 24M	-----
	R.1	REGULAR PRECISION PULSING (TOUCH-TONE) (4A SIGNALING TEST SET)	MR 24M	-----
	S	LOW LEVEL PRECISION PULSING (3A PULSE GENERATING TEST SET)	MR 24M	-----
	T	MAX & MIN FREQUENCY PRECISION PULSING (3A PULSE GENERATING TEST SET)	MR 24M	-----
	T.1	MAXIMUM AND MINIMUM FREQUENCY PRECISION PULSING (4A SIGNALING TEST SET)	MR 24M	-----
	U	LONG PULSE PRECISION PULSING (3A PULSE GENERATING TEST SET)	MR 24M	-----
	U.1	LONG PULSE PRECISION PULSING (4A SIGNALING TEST SET)	MR 24M	-----

## PHASE III

218-346-502 (4/1)	L	LOW AND HIGH LEVEL	MR 12M	-----
	M	MAXIMUM AND MINIMUM FREQUENCY	MR 12M	-----
	Q	PARTIAL DIAL TIMEOUT	MR 24M	-----
	T	COMMON ALARM TIMING	MR 24M	-----

218-346-502 (4/1)	X	SINGLE FREQUENCY	MR 24M	-----
	Y	SPECIAL 3-FREQUENCY	MR 24M	-----
	Z	PRECISION PULSING	MR 24M	-----
	AA	REG PRECISION PULSING ( TOUCH-TONE )	MR 24M	-----
	AB	LOW LEVEL PRECISION PULSING	MR 24M	-----
	AC	MAX AND MIN FREQ PRECISION PULSING	MR 24M	-----
	AD	LONG PULSE PRECISION PULSING	MR 24M	-----
TROUBLE TESTS				
218-346-502 (4/1)	A	4- OR 5-DIGIT TR IDENT--NO TROUBLE	TT	-----
	B	MANUAL TRANSFER CALL	TT	-----
	C	ATTENDANT TRANSFER	TT	-----
	D	MANUAL RETRANSFER CALL	TT	-----
	E	DON'T ANSWER TRANSFER CALL	TT	-----
	F	FIRST TRIAL LINE IDENT CONNECTION--TROUBLE	TT	-----
	G	FIRST TRIAL LINE IDENT FUNCTION--TROUBLE	TT	-----
	H	SECOND TRIAL LINE IDENT CONNECTION--TROUBLE	TT	-----
	I	SECOND TRIAL LINE IDENT FUNCTION--TROUBLE	TT	-----
	J	FIRST DIGIT ZERO	TT	-----
	K	4- OR 5-DIGIT RETRANSFER CALL	TT	-----
	N	LINK RELEASE	TT	-----
	O	ABANDONED CALL--NONATTENDANT	TT	-----
	P	ABANDONED CALL--ATTENDANT	TT	-----
	R	PERMANENT SIGNAL TIMING	TT	-----
	S	RECYCLE OF TIMING	TT	-----
	U	OVERALL TIMEOUT OF IDENTIFICATION	TT	-----
	V	TROUBLE RELEASE	TT	-----
	W	SURGE	TT	-----
	AE	DOUBLE CONNECTION	TT	-----
	AF	4- OR 5-DIGIT TR IDENT ( WIDEBAND )	TT	-----
	AG	DON'T ANSWER TRANSFER CALL ( WIDEBAND )	TT	-----
	AH	4- OR 5-DIGIT RETRANSFER ( WIDEBAND )	TT	-----
	AI	MANUAL TRANSFER CALL ( WIDEBAND )	TT	-----
	AJ	FIRST DIGIT 0 ( WIDEBAND )	TT	-----
	AK	INVALID FREQUENCY COMBINATION AND SEQUENCE ( WIDEBAND )	TT	-----
	AL	NON-WIDEBAND CALL WITH WIDEBAND PREFIX	TT	-----
218-346-503 (2/0)	A	4- OR 5-DIGIT TRANSFER CALL	TT	-----
	B	4- OR 5-DIGIT RETRANSFER CALL	TT	-----
	C	FIRST DIGIT ZERO WITH CONSOLE	TT	-----
	D	FIRST DIGIT ZERO WITH CONSOLE--TROUBLE	TT	-----
	E	FIRST DIGIT ZERO--NO CONSOLE	TT	-----

218-346-503	(2/0)	F	ABANDONED CALL	TT	-----
		H	PERMANENT SIGNAL TIMING	TT	-----
		N	LINK RELEASE	TT	-----
		O	TRUNK CUT-THROUGH RELAY	TT	-----
		P	SURGE	TT	-----
		V	RECYCLE OF TIMING	TT	-----
		W	DOUBLE CONNECTION	TT	-----
◆ 17.5 CENTREX; MISC ALARM CKT (ES-65835-01)					
FOR ALL UNITS					
218-399-514	(1/0)	A	RELEASE MAGNET ALARM	MW 12M	-----
		B	SHELF FUSE ALARM	MW 12M	-----
		C	CALL BLOCK ALARM	MW 12M	-----
◆ 17.6 CENTREX; HI IMP TONE GEN (SD-27825-01)					
FOR ALL UNITS					
218-330-701	(2/0)		*ALL HIGH IMP. TONE GEN SD-27825-01-ADJMT	MW 24M	-----
◆ 17.7 CENTREX; POSITION LK CKT (SD-26185-01)					
FOR ALL UNITS					
218-323-501	(5/0)	D	TIMING AND ALARM	MR 12M	-----
TROUBLE TESTS					
218-323-501	(5/0)	A	HP RELAY CHAIN	TT	-----
		B	LVP RELAY CHAIN	TT	-----
		C	FALSE MULTIPLE SELECT MAGNET OPERATIONS PH II, III	TT	-----
		E	FIRST LINKAGE FAILURE	TT	-----
		F	ESTABLISHING A CONNECTION	TT	-----
		G	PROGRESS LAMP CHECK	TT	-----
◆ 17.8 CENTREX; TT TO DP CONVR (ES-26505-01)					
FOR ALL UNITS					
218-329-501	(1/1)	D	TIMING FEATURES	MR 24M	-----
		E	CANCEL TIMED RELEASE	MR 24M	-----
		F	MAXIMUM AND MINIMUM FREQUENCY	MR 12M	-----
		G	LOW AND HIGH LEVEL	MR 12M	-----
		H	SINGLE FREQUENCY	MR 12M	-----
		I	PULSE REPEAT	MR 12M	-----
		J	PULSE GENERATOR	MR 12M	-----
TROUBLE TESTS					
218-329-501	(1/1)	A	DIAL PULSE CALL	TT	-----
		A.1	DIGIT REGISTRATION	TT	-----
		B	TOUCH-TONE CALL (OPTION B PROVIDED)	TT	-----
		B.1	TOUCH-TONE CALL (OPTION A PROVIDED)	TT	-----
		C	CONVERTER DISCONNECT	TT	-----

218-329-501	(1/1)	C.1	CONVERTER BUSY	TT	-----
17.9 CENTREX; TIMING CIRCUIT (ES-26510-01)					
FOR ALL UNITS					
218-399-512	(1/0)	A	START TIMING AND TIMING PULSES	MR 12M	-----
		B	TIMING PULSE FAILURE CHECK	MR 12M	-----
		D	FAILURE-TO-START	MR 12M	-----
TROUBLE TESTS					
218-399-512	(1/0)	C	MANUAL TRANSFER	TT	-----
17.10 CENTREX; TRNSF LINE IDENT					
FOR ALL UNITS					
218-350-501	(3/0)	D	NO VOLTAGE ALARM-AC POWER SUPPLY	MW 12M	-----
		E	NO VOLTAGE ALM-POWER SUPPLY TO TR LINE IDENT	MW 12M	-----
		F	NO VOLTAGE ALM-POWER SUPPLY TO TRK CKTS	MW 12M	-----
		G	VOLTMETER TEST OF POWER SUPPLY	MW 12M	-----
TROUBLE TESTS					
218-350-501	(3/0)	A	LINE IDENTIFICATION	TT	-----
		B	CHANNEL IDENTIFICATION	TT	-----
		C	CROSS DETECTION	TT	-----
17.11 CENTREX; TR IDEN CONN					
TROUBLE TESTS					
218-348-501	(2/0)	A	IDENT SEQ AND LOCKOUT--CB- RELAY CHAIN	TT	-----
		B	IDENT SEQ AND LOCKOUT--IS- RELAY CHAIN	TT	-----
		C	TR REG PREF AND LOCKOUT FEATURE	TT	-----
		D	IDENT BUSY TO CONN--CB- RELAY CHAIN	TT	-----
		E	SECOND TRIAL FEATURE	TT	-----
		F	TRAFFIC CONTROL--EACH TR REG IDENT CONN	TT	-----
17.12 CENTREX; TR REG LINK CKTS					
TROUBLE TESTS					
218-349-501	(2/0)	A	TP RELAY CHAIN	TT	-----
		B	RB RELAY CHAIN	TT	-----
		C	RP RELAY CHAIN	TT	-----
17.13 CENTREX; IRL CKT-PHI-TSTS					
TROUBLE TESTS					
WSR TYPE					
218-399-508	(1/0)	A	TP RELAY CHAIN	TT	-----
		B	RB RELAY CHAIN	TT	-----
		C	RP RELAY CHAIN	TT	-----
17.14 CENTREX; ATND LP CKT					
TROUBLE TESTS					
ES65843-01--608A SWBD PHI TESTS					
218-399-515	(1/0)	A	SEIZURE, RINGING, AND SUPERVISION	TT	-----

17.15 CENTREX; CALL-WAIT SIG CT

TROUBLE TESTS

SD26271-01 PHI TESTS

218-399-519 (2/0)	A	WHITE, GREEN, & RED CALLS-WAITING SIGNAL	TT	-----
	C	DELAY CIRCUIT	TT	-----
	D	REQUEST FOR SUPERVISOR ASSISTANCE	TT	-----

17.16 CENTREX; ACC GRP CONT

TROUBLE TESTS

PHI I, II, III TESTS USING MTF

218-328-501 (2/0)	A	OPERATIONAL FEATURE	TT	-----
	B	ACCUMULATOR	TT	-----
	C	SUBTRACT PULSE GENERATOR	TT	-----
	D	MISCELLANEOUS FEATURES	TT	-----
	E	ALARMS	TT	-----
	F	TM TIMER	TT	-----

17.17 CENTREX; POS & POS LP CKT

TROUBLE TESTS

SD27589-01 PH II TESTS

218-324-501 (6/0)	A	POS SEIZURE, ATTENDANT ANS AND LOOP	TT	-----
	B	START-OUT CALL	TT	-----
	C	INCOMING CALL AND START-IN OPERATION	TT	-----
	D	SIGNAL SOURCE	TT	-----
	E	SIGNAL DESTINATION	TT	-----
	F	RELEASE SOURCE (TROUBLE RELEASE)	TT	-----
	G	RELEASE DESTINATION	TT	-----
	H	EXCLUDE SOURCE	TT	-----
	I	EXCLUDE DESTINATION	TT	-----
	J	HOLD OPERATION AND TOLL OPERATOR RERING	TT	-----
	K	ABAN CALL--POS ARR FOR AUTO. RESET OF PA RELAY	TT	-----
	L	OPERATION WITH OUT LINE	TT	-----
	M	REQUEST FOR SUPERVISOR	TT	-----
	N	TOUCH-TONE VERIFICATION	TT	-----
	O	MF KEY PULSE VERIF	TT	-----
	Q	NIGHT OPERATION	TT	-----
	R	POSITION MADE BUSY	TT	-----
	S	TM RELAY OPERATION	TT	-----
	T	BUSY LINE VERIFICATION	TT	-----

17.18 CENTREX; POS & POS LP

TROUBLE TESTS

SD27695-01 PH III USING MTF

218-352-501 (6/1)	A	POSITION SEIZURE (D0)	TT	-----
	B	POSITION SEIZURE (LDN)	TT	-----
	C	START-OUT CALL (D0)	TT	-----
	D	START-OUT CALL (LDN)--DESTINATION RECALL	TT	-----
	E	START-OUT (LDN)--ATND HOLD, DEST RECALL	TT	-----
	F	START-IN CALL (LDN)--DESTINATION RECALL	TT	-----
	G	START-IN CALL (LDN)--ATND HOLD, DEST RECALL	TT	-----
	H	SIGNAL SOURCE (D0)	TT	-----
	I	SIGNAL SOURCE (LDN)	TT	-----
	J	SIGNAL DESTINATION (D0)	TT	-----
	K	SIGNAL DESTINATION (LDN)	TT	-----
	L	RELEASE SOURCE (D0)--TROUBLE RELEASE	TT	-----
	M	RELEASE SOURCE (LDN)--TROUBLE RELEASE	TT	-----
	N	START-OUT CALL (D0)--RLS DESTINATION	TT	-----
	O	START-OUT CALL (LDN)--RLS DESTINATION	TT	-----
	P	START-OUT CALL (TR)--RLS DESTINATION	TT	-----
	Q	START-IN CALL (TR)--RLS DESTINATION	TT	-----
	R	EXCLUDE SOURCE AND DESTINATION (D0)	TT	-----
	S	EXCLUDE SOURCE AND DESTINATION (LDN)	TT	-----
	T	START-OUT CALL (D0)--ATND HOLD--TOLL OPR RERING	TT	-----
	U	START-OUT CALL--ATND HOLD--TOLL OPR RERING	TT	-----
	V	ABANDONED CALL (D0)	TT	-----
	W	ABANDONED CALL (LDN)	TT	-----
	X	OUT LINE	TT	-----
	Y	REQUEST FOR SUPERVISOR	TT	-----
	Z	NITE OPERATION	TT	-----
	AA	POSITION MADE BUSY	TT	-----
	AB	BUSY LINE VERIFICATION	TT	-----

## 17.19 CENTREX; CONF AUX, CONF

## TROUBLE TESTS

PH I & II - TESTS USING MTF CONF CONT ARR FOR CNSL OPR-AUX  
CONF CONT NOT PROVIDED

218-325-501 (2/0)	A	ATTENDANT SEIZURE	TT	-----
	B	TIMED RELEASE--FIRST AND SECOND CONFEREES	TT	-----
	C	COMMON TRANSMISSION	TT	-----
	D	RELEASE SOURCE	TT	-----
	E	ALL LINES IN USE	TT	-----
	F	DESTINATION RECALL	TT	-----
	G	INCOMING SEIZURE	TT	-----

CONF CONT, ARR FOR CNSL OPR--AUX CONF CONT PROVIDED

218-325-501 (2/0)	H	SEIZURE	TT	-----
-------------------	---	---------	----	-------

218-325-501	(2/0)	I	TIMED RELEASE--FIRST AND SECOND CONFEREES	TT	-----
		J	COMMON TRANSMISSION	TT	-----
		K	RELEASE SOURCE	TT	-----
		L	ALL LINES IN USE	TT	-----
		M	DESTINATION RECALL	TT	-----
		N	CENTREX STATION SEIZURE	TT	-----
		O	SIMULTANEOUS SEIZURE	TT	-----
CONF CONT ARR FOR ASSIST. OPR--(NOT ARR FOR CNSL OPR)					
218-325-501	(2/0)	P	SEIZURE--CENTREX STATION AND INCOMING	TT	-----
		Q	TIMED RELEASE--FIRST AND SECOND CONFEREES	TT	-----
		R	COMMON TRANSMISSION	TT	-----
		S	DESTINATION RECALL	TT	-----
		T	SIMULTANEOUS SEIZURE	TT	-----
CONF CONT ARR FOR STA ORIG SRV ONLY--(NOT ARR FOR CONSOLE OR ASSIST. OPR)					
218-325-501	(2/0)	U	CENTREX STATION SEIZURE	TT	-----
		V	TIMED RELEASE--FIRST AND SECOND CONFEREES	TT	-----
		W	COMMON TRANSMISSION	TT	-----
MISCELLANEOUS					
218-325-501	(2/0)	X	ON RELAY RELEASE	TT	-----
		Y	MAKE-BUSY	TT	-----

