

TEST PROCEDURES FOR E1 - CTL SERVICE:

TEST	PROCEDURE	RESULTS
1	Loopback of E1 at Skeldon DSX	DMS - E1 should go into service.
2	Loopback of E1 to CTL at Skeldon DSX	CTL - E1 should go into service
3	Patch through E1 to DMS NA from CTL Skeldon	DMS - E1 (NA) should go into service NB: If E1 does not go into service CTL should check its Technical Data and specifications.
4	Release of TSI as first telephone circuit	Circuit should be idle.
5	Seizure from CTL outgoing	DMS - NA circuit should indicate seizure.
6	Release	Circuit should release immediately.
7	Frequency Exchange	Sending & receiving tone as agreed upon both parties.
8	GT&T DMS - NA sends seizure - Outgoing	CTL incoming circuit should indicate seizure.
9	Release	Circuit should release immediately.
10	Outpulsing of Digits from CTL	GT&T - DMS will do a Signal monitor to verify that the correct sequence of digit transmission is correct: a) Start of Digit Train b) Called Number c) Start of Calling Number d) End of Calling Number e) End of Digit Train f) Release
11	Monitoring of conversation	
12	GT&T will look into ICAMA recording file for correct billing information.	
13	Outgoing test to CTL from GT&T	CTL will observe as stated in Test 9. NB: GT&T will not be sending the Calling Number Digits.
14	Outgoing Test calls to all destination agreed upon.	CTL will have to send the following Digit combination for call processing Example: CTL Sub. Dials 03-2199
15	See Test # 11	

R2 forward signals group II calling party category

Signal Destination	Signal
II-1	Subscriber without priority Subscriber with priority Maintenance equipment
II-2	
II-3	
II-4	Spare Operator
II-5	
II-6	Data Transmission
II-7	Subscriber (or operator W/O forward facility)
II-8	Data Transmission call
II-9	Subscriber with priority
II-10	Operator with forward transfer facility
II-11	Spare signals for national use
II-12	
II-13	
II-14	
II-15	

Table 2

R2 backward signals group A

Signal Destination	Signal
A-1	Send next digit (n+1)
A-2	Send last but one digit (n-1)
A-3	Address complete, changeover to reception of B signals
A-4	Congestion in national network
A-5	Send calling party's category
A-6	Address complete, charge, set up speech conditions
A-7	Send last but two digit (n-2)
A-8	Send last but three digits (n-3)
A-9	Spare for national use
A-10	Spare for national use
A-11	Send country code indicator
A-12	Send language or discriminating digit
A-13	Send nature of circuit
A-14	Request info. on echo supp.
A-15	International exchange congestion

Table 3

R2 backward signals group B condition of called subscriber's line

Signal Destination	Signal
B-1	Spare for national use
B-2	Subscriber transferred
B-3	Subscriber line busy
B-4	Congestion after change from group A to group B
B-5	Vacant national number
B-6	Subscriber's line free - charge
B-7	subscriber's line free - no charge
B-8	Subscriber's line out of order
B-9	Spare for national use
B-10	Spare for national use
B-11	Spare for national use
B-12	Spare for national use
B-13	Spare for national use
B-14	Spare for national use
B-15	Spare for national use

Table 4

Sent Signal	Received signal	Timestamp
1 NEXT_DIGIT	2 DIGIT_2	09:07:38.13
1 NEXT_DIGIT	2 DIGIT_2	09:07:38.12
1 NEXT_DIGIT	2 DIGIT_2	09:07:38.35
1 NEXT_DIGIT	2 DIGIT_2	09:07:38.35
1 NEXT_DIGIT	1 DIGIT_1	09:07:38.59
1 NEXT_DIGIT	1 DIGIT_1	09:07:38.59
1 NEXT_DIGIT	2 DIGIT_2	09:07:38.84
1 NEXT_DIGIT	2 DIGIT_2	09:07:38.84
1 NEXT_DIGIT	2 DIGIT_2	09:07:39.08
5 REG_UNCAT	10 DIGIT_0	09:07:39.09
5 REG_UNCAT	10 DIGIT_0	09:07:39.32
* 5 NEXT_ANI_DIGIT	* 1 REGULAR_INTL	09:07:39.40
* 5 NEXT_ANI_DIGIT	* 1 REGULAR_INTL	09:07:39.63
* 5 NEXT_ANI_DIGIT	* 1 REGULAR_INTL	09:07:39.64
* 5 NEXT_ANI_DIGIT	2 DIGIT_2	09:07:39.87
* 5 NEXT_ANI_DIGIT	2 DIGIT_2	09:07:39.87
* 5 NEXT_ANI_DIGIT	10 DIGIT_0	09:07:40.10
* 5 NEXT_ANI_DIGIT	10 DIGIT_0	09:07:40.10
* 5 NEXT_ANI_DIGIT	3 DIGIT_3	09:07:40.35
* 5 NEXT_ANI_DIGIT	3 DIGIT_3	09:07:40.35
* 5 NEXT_ANI_DIGIT	6 DIGIT_6	09:07:40.58
* 5 NEXT_ANI_DIGIT	6 DIGIT_6	09:07:40.58
* 5 NEXT_ANI_DIGIT	1 DIGIT_1	09:07:40.81
* 5 NEXT_ANI_DIGIT	1 DIGIT_1	09:07:40.81
* 5 NEXT_ANI_DIGIT	2 DIGIT_2	09:07:40.81
* 5 NEXT_ANI_DIGIT	2 DIGIT_2	09:07:41.03
* 5 NEXT_ANI_DIGIT	2 DIGIT_2	09:07:41.04
3 REG_CAT	15 END_OF_DIGS	09:07:41.27
3 REG_CAT	15 END_OF_DIGS	09:07:41.35
3 REG_CAT	* 1 REGULAR_INTL	09:07:41.57

Called Number

Calling Number

*Connected
Sample of a call
from an exchange that
Sends Calling
Number Identification*

*31
Phone*

MAR 27 '98 11:53AM GT&T ACCOUNTING		
1 NEXT_DIGIT		09:11:02.63
	2 DIGIT_2	09:11:02.64
1 NEXT_DIGIT		09:11:02.67
	2 DIGIT_2	09:11:02.67
1 NEXT_DIGIT		09:11:03.12
	2 DIGIT_2	09:11:03.12
1 NEXT_DIGIT		09:11:03.37
	3 DIGIT_3	09:11:03.37
1 NEXT_DIGIT		09:11:03.61
	2 DIGIT_2	09:11:03.61
5 REG_DN_CAT		09:11:03.87
* 5 NEXT_AN_DIGIT	* 1 REGULAR INTL	09:11:03.96
		09:11:04.15
5 NEXT_AN_DIGIT	2 DIGIT_2	09:11:04.16
		09:11:04.39
5 NEXT_AN_DIGIT	0 DIGIT_0	09:11:04.39
		09:11:04.39
5 NEXT_AN_DIGIT	2 DIGIT_2	09:11:04.62
		09:11:04.62
5 NEXT_AN_DIGIT	2 DIGIT_2	09:11:04.86
		09:11:04.87
5 NEXT_AN_DIGIT	2 DIGIT_2	09:11:05.10
		09:11:05.10
5 NEXT_AN_DIGIT	2 DIGIT_2	09:11:05.34
		09:11:05.34
5 NEXT_AN_DIGIT	2 DIGIT_2	09:11:05.57
		09:11:05.58
5 REG_CAT	15 END_OF_DIG8	09:11:05.80
		09:11:05.91
* 1 REGULAR INTL		09:11:06.11

Called Number

Calling Number

*Sample of a Call:
To a
Subscriber
Busy Number*

> 1 NEXT.DIGIT		09:47:45.88
1 NEXT.DIGIT	10 DIGIT_0	09:47:46.10
1 NEXT.DIGIT	6 DIGIT_6	09:47:46.11
1 NEXT.DIGIT	3 DIGIT_3	09:47:46.36
1 NEXT.DIGIT	1 DIGIT_1	09:47:46.60
1 NEXT.DIGIT	8 DIGIT_8	09:47:46.61
5 REG.DN.CAT		09:47:46.84
		09:47:46.84
		09:47:47.11
		09:47:47.22
* 5 NEXT.ANI.DIGIT	* 1 REGULAR_INTL	09:47:47.47
		09:47:47.47
		09:47:47.70
* 5 NEXT.ANI.DIGIT	2 DIGIT_2	09:47:47.71
5 NEXT.ANI.DIGIT	10 DIGIT_0	09:47:47.94
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:47.95
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:48.17
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:48.18
5 NEXT.ANI.DIGIT	7 DIGIT_9	09:47:48.40
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:48.41
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:48.62
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:48.63
5 NEXT.ANI.DIGIT	1 DIGIT_1	09:47:48.84
5 NEXT.ANI.DIGIT	15 END_OF_DIG8	09:47:48.85
3 REG.CAT		09:47:49.07
		09:47:51.54
	* 1 REGULAR_INTL	09:47:51.77

Called Number

Calling Number

Sample of a call to an Unassigned Number