09500 – Between T3-M13 and E&M



Connection Diagram





Conceptual Diagram



Preparation



System Mode Setup

O9500 Command path: H -> SDH/SONET Setup A -> System Mode Setup

2 LoopTerm Version V1.00 - CON	14 OPEN			<u> </u>	3
<u>File E</u> dit <u>S</u> etup <u>H</u> elp					
09500R	=== System Mode	e Setup ===	15:37:20	08/17/2011	
ARROW KEYS: CURSOR MOUE,	TAB/: ROLL UP/	DOWN OPTIONS			
SDH/SONET Mode : <u>SONET</u>	I	MSP WTR Timer	: 300 seconds		
Group1 Member : XCU1-P1	& XCU2-P1	SNCP/UPSR Mode	: Intrusive		
Group2 Member : XCU1-P2	& XCU2-P2				
====== Aggree	gate Line Protect	tion Switch Gr	oup1 =======		
Mode : NP					
XCU1-P1 Rate : OC12	2	XCU2-P1 Rate	: 0C12		
[MSP1+1]					
Protection:					
Revertive :					
Direction :					
Aggree	gate Line Protect	tion Switch Gr	oup2 =======		
Mode : NP					
XCU1-P2 Rate : UC12		KCU2-P2 Rate	: 0012		
FNODA - 41					
Protection:					
Revertive :					
DIFECTION :					
<< Press ESC key to return	rn to previous m	enu >>			+
to recu					



Card Registration

O9500 Command path: N -> Unit Registration

Þ	LoopTerm Version V1.00 - COM	4 OPEN		
<u>F</u> ile	e <u>E</u> dit <u>S</u> etup <u>H</u> elp			
099	OOR	=== Unit Registr	'ation === 15:38	:07 08/17/2011 🔺
ARI	OW KEYS: CURSOR MOVE,	TAB/ : ROLL UP/DO	JWN OPTIONS	
SL.	REG. Model/Mode	Card Model	Software Version	Remark
#1	T3-M13-NP	E3/T3/M13	V2.06.02 05/17/2011	
#2	T3-M13-NP	E3/T3/M13	V2.06.02 05/17/2011	
#3				
#4		((PRTD = Protected. NP =	No Protection)
===				
#11	E&M	E&M	V4.02.01 04/15/2010	
#12				
#10				
#19				
#16	i			
Cor	mand : <mark>Card I</mark>	Registration		
<<	Press ESC key to return	n to previous mer	1u >>	-



T3-M13 Line Interface Setup

09500 Command path:

==>> Press Tab key to select the unit: 1

S -> Config Setup

A -> Line Interface Type Setup

Z Loop	Term Version V	1.00 - COM4 OPE	N				x
<u>File E</u>	dit <u>S</u> etup <u>H</u> e	elp					
Unit	1 T3-M13	=== Line	Interface	Type Setup ===	15:38:43	08/17/2011	*
ARRUW	KEYS: CURSU	R MUVE, TAB/	: RULL UP/D	UWN UPTIUNS			
Port#	Line Codin	g Line Type	Transmi	t Length			
	=========						
1	B325(13)	M13-11	0°225+t				
2	B3ZS(T3)	linframe	8~225Ft				
Ŭ	5020(10)	onn dhe	0 22510				
	<u>File</u>	dit <u>S</u> etup <u>H</u> elp					
	Unit	2 T3-M13	=== Line	Interface Typ	e Setup ===		
	HRRUW	KEYS: GURSUR	MOVE, THB/	KULL UP7DUWN	OFITOMS		
	Port#	Line Coding	Line Type	Transmit L	ength		
	1	B3ZS(T3)	M13-T1	0~225ft			
	2	B325(13)	Unframe	8~225+t			
	3	6923(13)	UITTANE	U 223FL			
							_

Configuration



Conceptual Diagram



- Step-3, VTE#1Port-1 to Low-speed E&M DS0 Level cross connect
- Step-4, VTE#1Port-1 to VTE#1Port-2 DS0 Level cross connect
- Step-5, VTE#1Port-2 to Trib-2 Port 2 VT15 Level cross connect



Step-1, TE Mapper Setup

<u>09500 Command path:</u>

G -> Map Setup **M** -> TE Mapper Setup

🔁 LoopTerm Version V1.00 - CON	14 OPEN		
<u>File Edit Setup H</u> elp			
09500R	===TE Mapper Setup===	15:23:57	08/17/2011 🔺
ARROW KEYS: CURSOR MOVE,	TAB/: ROLL UP/DOWN OPTIONS		
napper type:			
[Frame Setup]			
P01 Frame: CAS-ESF	P11 Frame: ESF	P21 Frame: <mark>ESF</mark>	
P02 Frame: CAS-ESF	P12 Frame: <mark>ESF</mark>	P22 Frame: <mark>ESF</mark>	
P03 Frame: ESF	P13 Frame: <mark>ESF</mark>	P23 Frame: <mark>ESF</mark>	
P04 Frame: ESF	P14 Frame: <mark>ESF</mark>	P24 Frame: <mark>ESF</mark>	
P05 Frame: ESF	P15 Frame: <mark>ESF</mark>	P25 Frame: <mark>ESF</mark>	
P06 Frame: ESF	P16 Frame: <mark>ESF</mark>	P26 Frame: <mark>ESF</mark>	
P07 Frame: ESF	P17 Frame: <mark>ESF</mark>	P27 Frame: <mark>ESF</mark>	
P08 Frame: ESF	P18 Frame: <mark>ESF</mark>	P28 Frame: <mark>ESF</mark>	
P09 Frame: ESF	P19 Frame: <mark>ESF</mark>		
P10 Frame: ESF	P20 Frame: <mark>ESF</mark>		
Warning! Change Mapper T	ype will clear all map!		
<pre><< Press ESC key to return </pre>	rn to previous menu >>		T



Step-2, VTE#1P1 to Trib-1P1

<u>09500 Command path:</u>

G -> Map Setup

A -> Cross Connect Create Setup

🔁 LoopTerm Version	n V1.00 - COM4 OPEN
<u>F</u> ile <u>E</u> dit <u>S</u> etup	Help
09500R	=== Cross Connect Create Setup === 15:15:35 08/17/2011 🔺
ARROW KEYS: CUR	SOR MOVE, TAB/`: ROLL UP/DOWN OPTIONS
Granularity	: UT15
xcon lype	: B1-XC
count	: 01 Source
From Slot	• IITE1
From Port	- 81
	Destination
To Slot	: Trib-1
To Port	: 1 To TS : 01 -Channel
VIRTUAL PURI	: Source -> VIE1 IImeslot Available
#01-10	
#17 28	
T3 PORT CHAN	• Destination -> Trib-1 Timeslot Auailable
#1 ß1~28	
#2	:-
#3	-
<< Press ESC ke	y to return to previous menu >> 🛛 🗸 🔫



Step-3, between VTE1P1 and E&M

O9500 Command path:

G -> Map Setup **D** -> DS0 TSI Map Setup

🔁 LoopTerm V	Version V1.00 - COM4 OPEN	
<u>File E</u> dit <u>S</u> e	etup <u>H</u> elp	
09500R	=== DS0 TSI Map Setup === 15:26:13 08/17/2011	~
ARROW KEYS:	CURSOR MOVE, TAB/: ROLL UP/DOWN OPTIONS	
MAP NO: MAP		
Townsh	Target VTE1 CAS Source E&M	
larget	PU/IS D SL/PU IS PU/IS D SL/PU IS PU/IS D SL/PU IS PU/IS D SL/PU IS	
SIUL SUEL		
1.500	1 3 u 11 3 3 19 d 3 3 u US 1 3	
	4 d 20 d 4 d	
T.S.#:01	5 d 21 d 5 d	
Clear:No	6d 22d 6d	
d∕v :v	7 d 23 d 7 d	
	8 d 24 d 8 d	
	9 d	
Source	10 d	
Slot :11		
POPT :P3	12 0	
1.303	13 U 14 d	
Confirm?Ves	15 d	
oon in in it is	16 d	
<< Press ES	C key to return to previous menu >>	Ŧ



Step-4, between VTE#1P1 and VTE#1P2

09500 Command path:

G -> Map Setup **D** -> DS0 TSI Map Setup

LoopTerm Version V1.00 - COM4 OPEN																									
<u>File Edit S</u> et	tup	<u>H</u> el	р																						
09500R						===	= D;	50	TS:	E Ma	ар З	Setu	IP ==				1!	5:20	6:1:	3 01	871	17/3	201	1	*
ARROW KEYS:	CUF	1028	R I	MOVE	, 1	AB,	C_{\pm}	RO	LL	UP	/DO	WN (PTI	JNS											
MAP NO: MAP	_1																								
	Таг	·get	t		VTE	1		CAS					Sou	ILC	e		VTI	E 1	. (CAS					
Target	P0/	'TS	D	SL/	PO	TS	P0,	/TS	D	SL,	/P0	ΤS	PO,	/TS	D	SL,	/P0	TS	PO,	/TS	D	SL,	/P0	TS	
Slot :VTE1	===		==		===		===		==				===		==		===:	===	===	===	==	===:	===:		
Port :P1	1	1	V	11	1	1	1	17	d	VS	2	17		1	d				2	17	d	VS	1	17	
T.S. :04	1	2	V	11	2	2	1	18	d	US	2	18		2	d				2	18	d	US	1	18	
	1	3	v	11	3	3	1	19	d	US	2	19	_	3	d				2	19	d	US	1	19	
	1	4	d	US	2	4	1	20	d	US	2	20	2	4	d	US	1	4	2	20	d	US	1	20	l .
T.S.#:21	1	5	d	US.	2	5	1	21	d	US	2	21	2	5	d	US	1	5	2	21	d	0S	1	21	
Clear:No	1	6	d	05	2	6	1	22	d	05	2	22	2	6	d	05	1	6	2	22	d	05	1	22	
a/v :a	1		a	05	2		1	23	a	02	2	23	2		d	02	1		2	23	a	05	1	23	
	1	8	d	05	2	8	1	24	đ	Û2	2	24	2	8	d	02	1	8	2	24	đ	0 2	1	24	
C	1	40	a	02	2	40							2	40	a	02	1	40							
Source	1	10	a	02	2	10							2	10	a	02	1	10							
SIOT :VIET		11	d	02 02	2	11							2	11	a a	02	1	11							
PUPC :PZ		12	u a	02 02	Z	12							2	12	u a	02		12							
1.3. :4		13	u a	0.2	2	13							2	13	u a	0.2	4	13							
Confirm2Voc	4	14	u a	0.0	2	14							2	14	u d	0.2	4	14							
CONTINUE	4	12	u d	116	2	12							2	15	u d	110	4	16							
	1	10	u	42	2	10							2	10	u	v 3		10							
CC Proce FSI	C 14	1	t n	rot		. t <i>i</i>	ים ו		in	15 1	nor		•												-
X TIESS ES	0 60	9		160	uri		, hi	ev.		12 1		. //	·												



Step-5, from VTE#1P2 to Trib-2P1

<u>09500 Command path:</u>

G -> Map Setup

A -> Cross Connect Create Setup

🖄 LoopTerm Versio	on V1.00 - COM4 OPEN
<u>File Edit S</u> etup	Help
09500R	=== Cross Connect Create Setup === 15:15:35 08/17/2011 🔺
ARROW KEVS - CII	RSOR MOUE TAR/ • ROLL UP/NOWN OPTIONS
Granularity	
Acon Type	: B1-XC
From Slot	• IITF1
From Port	: 82
To Slot	: Trib-2
To Port	: 1 To TS : 01 -Channel
VITCUAL PUKI	: Source -> VIET TIMESTOL HVAITADLE
#01 10	
#17 20	
T3 PORT CHAN	: Destination -> Trib-2 Timeslot Available
#1 01~28	: x 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
#2	:-
#3	:-
<< Press ESC k	ey to return to previous menu >> 🔹 🔻