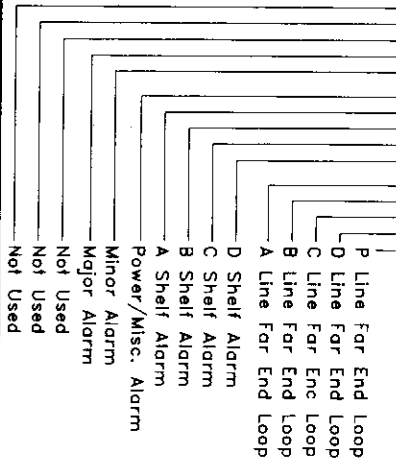


**SLC-96 ALARMS (SELECT VIA DISPLAY METER)**

Display Meter Section      A = Alarm      - = No Alarm

ALARM TX	XXXXX	XXXXX	XXXXX
ALARM RX	XXXXX	XXXXX	XXXXX
or			
ALARM TX	XX	XXXXXX	XXXXXX
ALARM RX	XX	XXXXXX	XXXXXX



**SLC-96 PROTECTION STATUS (SELECT VIA DISPLAY METER)**

PROTECTION TX	XXXXX	XXXXX	XXXXX
PROTECTION RX	XXXXX	XXXXX	XXXXX

XXXXX MESSAGE

1111	IDLE
1110	SWITCH LINE A RECEIVE
1101	SWITCH LINE B TRANSMIT
1100	SWITCH LINE C TRANSMIT
1010	SWITCH LINE D TRANSMIT
0101	SWITCH LINE B TRANSMIT & RECEIVE
0100	SWITCH LINE C TRANSMIT & RECEIVE
0010	SWITCH LINE D TRANSMIT & RECEIVE

**SLC-96 MAINTENANCE MESSAGES (SELECT VIA DISPLAY METER)**

MAINTENANCE TX M1 M2 M3      MX=1 = Message Present  
MAINTENANCE RX M1 M2 M3      MX=0 = No Message Present

M1	Message From LDS to RT	Message From RT to LDS
M2	ON HOOK PROCEED CR	SEIZE PROCEED RC
M3	TEST ALARM CR	TEST ALARM RC

CONFIGURATION

- Imitate Switch or Line
- Monitor or Terminate Impedance
- 135,600,900,1200 Ohm Impedance
- PCM Loop, PCM Int Clk, Analog Circuit.
- PCM 1, PCM 2, Repeat 1, Repeat 2 Configuration.
- D3/D4, ESF, SLC-96 Framing Formats
- AMI, ZCS, BBZS Zero Suppression
- PCM Channel 1-24, 0(Random)
- Programmable A/B States
- E&M 4W & 2W, Loop, Grnd, SF, DID Circuits
- SLC-96 Trunk Type
- E&M Type I-V
- New Call Reset, Manual Reset, Scroll Display
- Limits for Digit Detection
- SLC-96 Concentrator Message Field
- RS232 Parameters
- Real Time Clock and Date

EMULATE

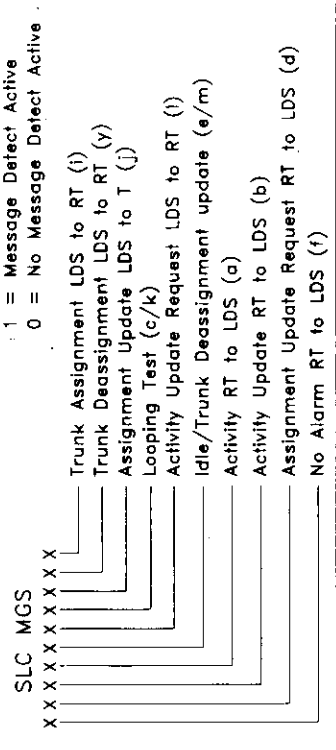
- Set Loop Voltage, Length of Circuit Capacitance (2.16uf), DC Hold
- Pulse, DTMF, MF Dial Mode
- Wink, Immediate, Delay, Dial Tone Start Signal.
- Dial Pulse Speed, Break, IDT
- DTMF/MF Level, Frequency, On/Off Time
- Tone Generation Level and Frequency
- Dial Tone Frequency and Level
- Dial Tone Cadence (On/Off Time)
- Hook Flash and Unbalance Timing
- Ringing Voltage and Frequency
- Ring Cadence (On/Off Time)
- Set Delay and Wink Timing

ANALYZE

- Threshold for acceptable Hook Flash and Disconnect
- Threshold for Dial Tone detection
- Delay Start Signal Threshold
- Wink Start Threshold
- Dial Pulse Digit Threshold
- DTMF/MF Digit Threshold
- Threshold Setting for Event Detection
- On/Off Hook Threshold

# CONCENTRATOR FIELD MESSAGES (SLC MSG): (SELECT VIA CONFIG MENU)

Used in Mode II operation, this field allows user to select which Concentrator Field Messages are displayed.



## SLC--96 Activity Message (SELECT VIA DISPLAY EVENTS)

When operating in Mode II and monitoring the activity messages in the 4Kbps data link, the chart below will provide a list of active channels in the selected Line Group.

AMB EVENT    a 01:50:588    RT Activity    LG=n    XXXXXXXX  
                  b 01:50:906    RT Act Update    LG=n    XXXXXXXX

n = 1 - 6  
 X = 1 = Active Channel  
 X = 0 = Inactive Channel

LINE GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48										
1	13	37	2	26	14	38	3	27																																																		
2	15	39	4	28	16	40	5	29																																																		
3	17	41	6	30	18	42	7	31																																																		
4	19	43	8	32	20	44	9	33																																																		
5	21	45	10	34	22	46	11	35																																																		
6	23	47	12	36	24	48	1	25																																																		

## Channel Number/Time Slot Mapping for Mode I

DSL Frame Time Slot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Shelf A	1	13	2	14	3	15	4	16	5	17	6	18	7	19	8	20	9	21	10	22	11	23	12	24
Shelf B	25	37	26	38	27	39	28	40	29	41	30	42	31	43	32	44	33	45	34	46	35	47	36	48
Shelf C	49	61	50	62	51	63	52	64	53	65	54	66	55	67	56	68	57	69	58	70	59	71	60	72
Shelf D	73	85	74	86	75	87	76	88	77	89	78	90	79	91	80	92	81	93	82	94	83	95	84	96

410070 REV:N/C

## SECONDARY FUNCTIONS

ACTION	PROCEDURE
To Display Events	Press [SHIFT][1]
To Display Meter Functions Such as Volts, Current, PCM Signaling Bits	Press [SHIFT][2]
To Connect/Disconnect AMBa to Circuit Under Test	Press [SHIFT][KP]
To Connect/Disconnect an External TIMS	Press [SHIFT][ST]
To Activate/Deactivate Talk over Circuit Under Test	Press [SHIFT][D]
To Enable/Disable AUTO Start Signal/Dial	Press [SHIFT][U]
To Freeze the Display	Press [SHIFT][B]
To Print Current Display (Events, Meter, or Setups)	Press [SHIFT][C]. Hold the [C] for 2 seconds for a Long Print.
To Print Current Setups	Select a Setup Menu. [SHIFT][5],[6], or [7]. Press [SHIFT] [C] for 2 seconds.
To Unfreeze a Frozen Display or to Clear the Display	Press [SHIFT][D]

## CURSOR CONTROL

ACTION	PROCEDURE
Change the Value of Blinking Parameter in a Setup Menu	Press [F] or [G] or enter value directly.
Proceed to Next Parameter	Press [LEFT] or [RIGHT]
Proceed to Next Menu	Press [DOWN] or [UP]

*New Value is activated by leaving the parameter or leaving the menu*

## EVENT CONTROL

ACTION	PROCEDURE
To go "OFF-HOOK"	Press [SEIZE].
To Provide RING Voltage	Press [RING]
To Give a "Start Dial" Signal	Press [START]
To Provide Answer Supervision.	Press [REV]
To Send Tone	Press [SHIFT][RING]

Event Controls are "TOGGLE" Function. Press The Keys Again to Disable