

## AUB22 (RT) CHANNEL TEST UNIT—PGTC 5SCD201BXX

### DATA SHEET

### SLC® SERIES 5 CARRIER SYSTEM

The AUB22 channel test unit (CTU) is used in the SLC Series 5 System remote terminal (RT-J1C182AB or J1C182AC). One AUB22 unit serves both 96-line banks in the RT dual-bank module. The AUB22 works with the central office terminal (COT) CTU (e.g., AUB2 or AUB2B). Together, they give the remote test center metallic access to the customer drop beyond the RT; they also allow the pair gain test controller (PGTC) to test the derived channel between the COT and the RT. The AUB22 allows one test to be set up and run at one time within the J1C182AB/J1C182AC module.

This practice has been reissued to reflect a new CLEI code for the AUB22 and to make other editorial changes.

During a channel test, the AUB22 provides the needed terminations to the RT channel units. These terminations are on-hook, reflective, reflective with tip party identification (TPI), and absorptive with TPI. The AUB22 also connects the DC test pair to the metallic drop beyond the channel unit.

Figure 1 is a functional block diagram of the unit, and Fig. 2 shows the board and faceplate.

**FAIL (RED LED):** When lighted, this LED indicates that a failure has been detected within this AUB22 plug-in.

**BUSY (GREEN LED):** When lighted, this LED indicates that a circuit test is being done using this unit.

**WHITE (YELLOW LED):** When lighted, this LED indicates that a failure has been detected in the channel unit test-access bus on the white bank.

**BLUE (YELLOW LED):** When lighted, this LED indicates that a failure has been detected in the channel unit test-access bus on the blue bank.

**TEST ACCESS (J1, 25 Pin Connector):** This front panel locking connector is provided for use with the craft interface unit (CIU). The CIU is a future offering that will be used for provisioning of complex special service channel units used for locally switched special services. The connector pinouts are:

#### CIU CONNECTOR PINOUTS

PIN	DESIGNATION	PIN	DESIGNATION
1	LPTT1	14	LPTR1
2	LPTR	15	CHTT
3	LPTT	16	CHTR
4	M	17	CHTT1
5	E	18	CHTR1
6	NC	19	FR. GND
7	CKT. GND	20	TD
8	RD	21	CKT. GND
9	SYNC	22	64 KHZ
10	CKT. GND	23	YR
11	YT	24	CKT. GND
12	XR	25	XT
13	CKT. GND		

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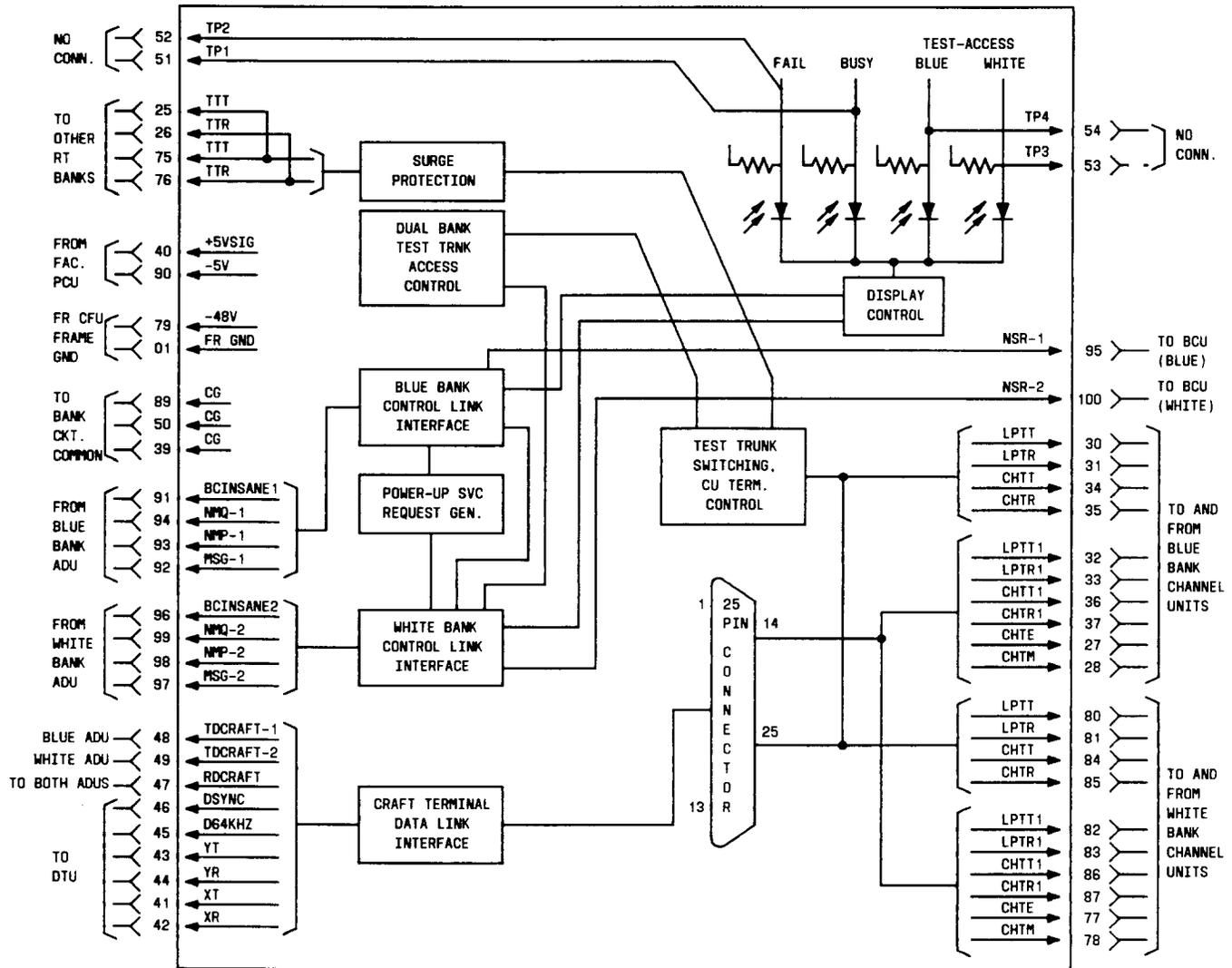


Fig. 1—AUB22 Block Diagram

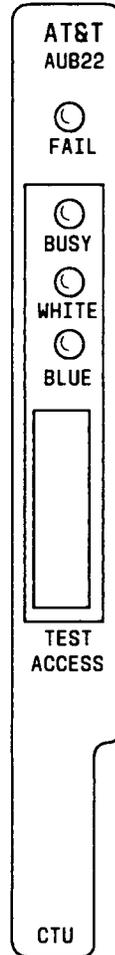


Fig. 2—AUB22 Faceplate Diagram