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# AUA3 OFFICE TIMING UNIT—5SCS600AXX

## DATA SHEET

## *SLC*® SERIES 5 CARRIER SYSTEM

The AUA3 office timing unit (OTU) provides an interface to an external source of synchronization, primarily for data transmission applications. The OTU is used only in the central office terminal. The primary function of the AUA3 is to convert a nationally synchronized composite office clock to its component 8- and 64-kHz clocks which are required by the dataport channel units. Also, a 4.096-MHz bank clock is phase locked to the incoming composite clock for timing the office transmit receive unit (TRU). Maintenance and service protection features are available in the form of redundant clock inputs, power supply protection, and status indicators read only by the bank control unit (BCU).

This practice has been reissued to change Fig. 2 and to make minor editorial changes.

The OTU provides two LED failure indicators. The red FAIL LED indicates that the OTU itself has failed, and the unit should be removed from service. The yellow OFFICE CLOCK LED indicates that a failure of office composite clock has occurred. Note that unlike most units in the SLC series 5 system, the OTU LEDs are set autonomously of the bank controller—the bank controller in no way provisions or instructs the OTU.

Figure 1 is a functional block diagram of the AUA3 office timing unit. Figure 2 shows the faceplate.

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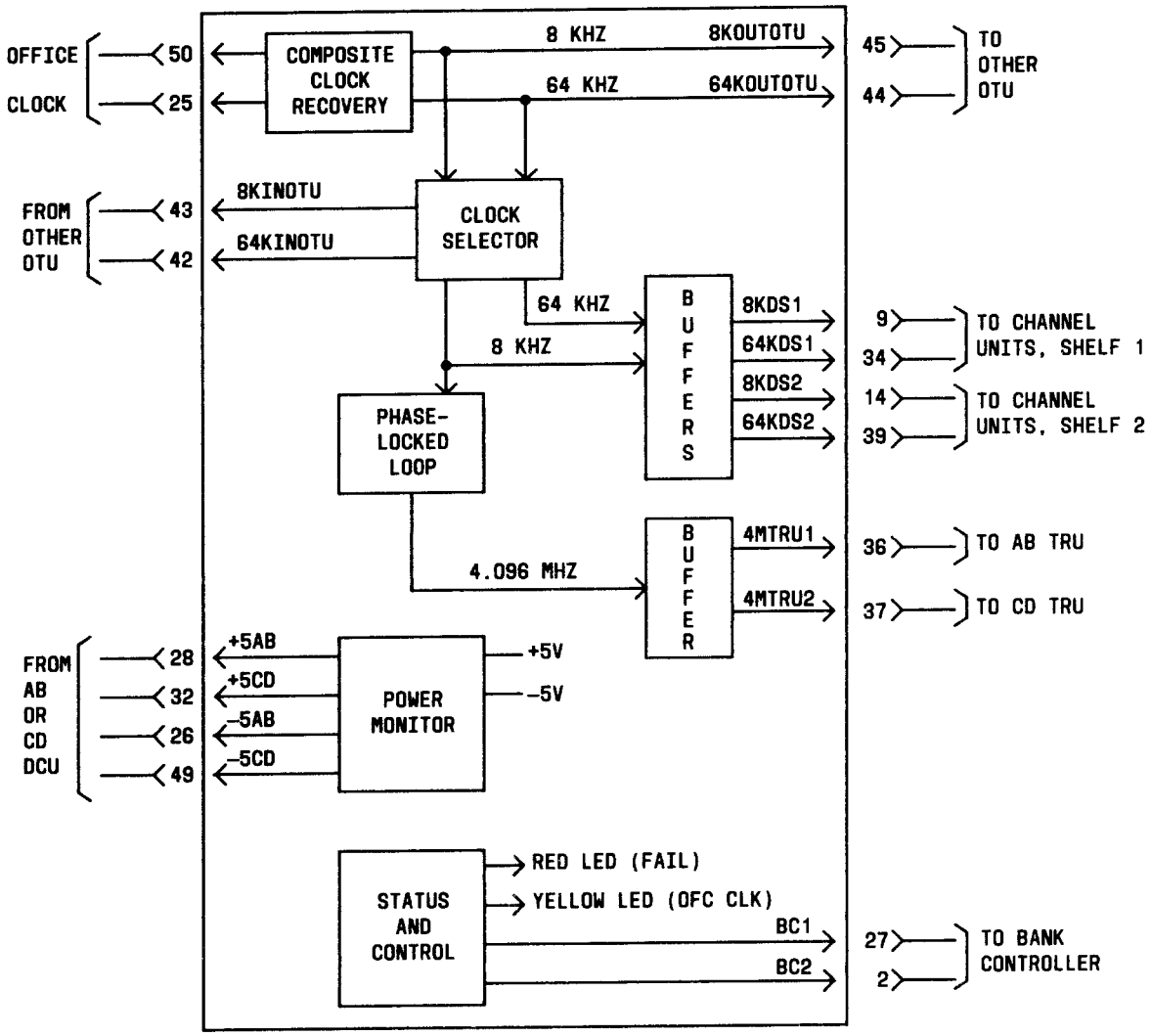


Fig. 1—AUA3 OTU Block Diagram


**Fig. 2—AUA3 Faceplate Diagram**