

"DIMENSION@" 600 PBX
(FORMERLY "DIMENSION" 400E PBX)
SYSTEM DESCRIPTION

1. GENERAL

1.001 This addendum supplements Section 554-105-100, Issue 7. Place this pink sheet ahead of Page 1 of the section.

1.002 This addendum is issued for the following reasons:

- (a) To add the capability of the Energy Communications Service Adjunct (ECSA) to remotely control on- or off-premise loads
- (b) To add to the Maintenance Plan coverage the automatic reporting of alarm conditions to a serving RMATS center
- (c) To add the Voice Store and Forward (VSF) interface feature.

2. CHANGES TO SECTION

2.001 On Page 72, add the following after paragraph 3.182:

3.182.1 The ECSA has the capability to remotely control on- or off-premise loads. This is made possible by an LC601 remote controller circuit pack in the ECSA which is connected via a telephone line to a Master Remote Unit (MRU) located remotely from the ECSA. The LC601 multiplexer controls signals for up to 64 remote loads, and the MRU demultiplexes the control signals and drives contact interface relays for each load controlled.

3.182.2 Binary feedback is available on both the local and remote applications of the ECSA. This feedback relies on customer-provided sensors to provide an on or off (binary) state indication to sense point circuitry in the ECSA or MRU for on- or off-premise application, respectively. If the customer-provided sensor is used to provide an on/off indica-

tion of the load being controlled, the binary feedback display on the ECSA console can be a positive indication of proper system operation.

3.182.3 An optional interface power relay and common power supply are available for both local and remote applications. This optional equipment provides an intermediate switching point between the low-power ECSA contacts and the high power requirements of customer load control circuitry.

2.002 On Page 142, add the following after paragraph 10.07:

10.07.1 Feature Package 8, Issue 3 (or later) systems are capable of participating in a plan which insures that alarm conditions are reported automatically to a serving RMATS center. This capability is made possible by the introduction of an LC600 alarm interface circuit. This circuit pack replaces the LC147 in the J58882AK carrier and interfaces with auto-dialer circuitry located in an auxiliary cabinet or wall field. Whenever an alarm occurs in the system or an Application Processor (AP), the auto-dialer places a call to the RMATS. An RMATS receiver unit sends an acknowledge signal back to the PBX upon receipt of the call. This acknowledge signal is routed to the Attendant Console. Accordingly, the two alarm lamps on the Attendant Console will be changed to ALM and ACK. Thus, the attendant will be notified when an alarm occurs and that the RMATS has successfully acknowledged the alarm.

10.07.2 The auto-dialer has 5 input channels. The alarms handled by these channels are Major, Minor, Emergency Transfer, CC Power, and AC Power. The AP alarms will be handled by a separate auto-dialer which will report major and minor alarms.

10.07.3 Two alarm lamp designations, ALARM and DISCONNECT, are to be available on

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the CAP. A DISCONNECT indication serves as a signal to the CAP user to disconnect from the system so that the auto-dialer/RMATS link can be established. An EXTERNAL alarm lamp accompanies the MAJOR and MINOR lamps on the PBX alarm panel and indicates the presence of an AP alarm condition. ALARM and ACKNOWLEDGE designations are also applicable to System Status Indicators which are used with CAS.

2.003 On Page 98 after paragraph 3.355, add the following new feature description.

VOICE STORE AND FORWARD (VSF) INTERFACE

3.355.1 This feature, available with FP11, allows an interface of the PBX with a computer having VSF capabilities. These capabilities consist of the following:

- Ability to digitally record a calling party's message for intended recipient(s)

- Ability to alert the intended recipient(s) of a VSF message
- Ability to deliver the VSF message audibly to the intended recipient.

3.355.2 Figure 40.1 illustrates the VSF interface.

Voice paths from the PBX are via LC02D circuit packs. An RJ41S jack is used as the interface point between PBX wiring from the LC02D and the VSF equipment. The Customer Interface for Property Management System (CIPMS) feature is used as the mechanism by which a VSF subscriber is alerted concerning the presence of a message. The PIC shown can be located no more than 300 meters (1000 feet) from the VSF equipment without range extension. A maximum of four range extensions of 750 meters (2500 feet) each are permitted. The status inquiry time-out interval used for CIPMS between the PBX and VSF equipment is 6 minutes instead of the 10-second time-out used for the Property Management System interface to the PBX.

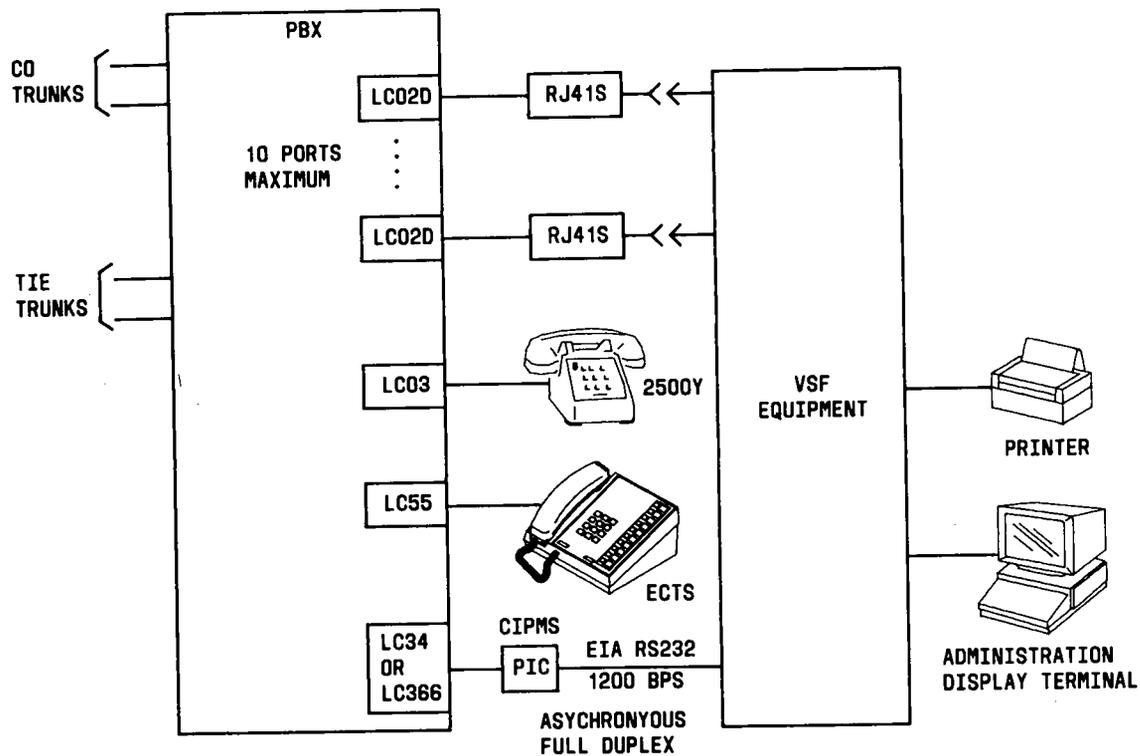


Fig. 40.1 — Voice Store and Forward Interface