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RELATED DOCUMENTS:
C/R

9323/9360/9780 Software version 4.30

1. Introduction

9323/9360/9780 software 90-20523-005 version 4.30 has been released to correct the following problems.

2. Problems corrected

2.1 Transceiver displays 'Unknown Error'

Present in versions 4.10 and 4.20 only.

The transceiver occasionally displays the message 'Unknown Error' when it is powered up. The message appears for only a few seconds. This problem mainly occurs in vehicle installations and is thought to be related to low supply voltage. The transceiver's operation is in no way affected by this message however it may be disconcerting to the operator.

2.2 9001 or 9002 modem causes channel change

Present in all previous versions.

When the transceiver is used with a 9001 or 9002 data modem and an ALE controller, and is not ALE scanning, the transceiver will sometimes switch to a channel specified by the modem. This fault can also result in the transceiver scanning incorrect channels if the modem issues this command during Selcall scan in an ALE data system.

2.3 Push-To-Talk switching time too long with ARQ modem

Present in all previous versions.

When using the transceiver with an ARQ modem on a two frequency simplex channel, the Push-To-Talk (PTT) switching time is too long. This switching time has been improved from over 100 ms to typically 60 ms or less. Channels using the same transmit/receive frequency are not affected.

Note: When using an 8580 and 9102 with two frequency simplex channels, a delay of 70 ms should be set in 9102.

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2.4 Failure to establish data link with HAL DSP-4100 ARQ modem

Present in all previous versions.

When a HAL DSP-4100 data modem initiates a data link to another station, the transceiver attempts to start an auto-tuning sequence. This results in a failure to establish the data link.

2.5 Auto tune sequence with ARQ modem interrupted

Present in all previous versions.

When an ARQ modem signals to the transceiver that it has detected an incoming call, the auto-tune process is interrupted by the modem's PTT command, thus aborting the tune cycle.

2.6 Transceiver resets when used with CICS

Present in versions 4.00, 4.10, and 4.20.

If an error is made in entering a CICS (Codan Interface Command Set) call command with two or more arguments (eg "TELCALL =..") and the second argument is invalid, the transceiver will sometimes reset.

2.7 Telephone directory #9 displays rubbish

Present in versions 4.00, 4.10, and 4.20.

The text for telephone directory number 9 can reveal random characters until cleared.

3. Compatibility

Refer to Service Bulletin 17-00156 for full compatibility details.

This software is compatible with CICS version 2.10 and fully backward compatible with version 2.00.