MM200 ASI Field Installation Guide

Revision History			
Rev	**Description**	**Date**	**Processor**
-	Initial Draft.	Per Agile	Cwingo

FSCM No. 4J515

Table of Contents

1.0   Introduction

This instruction guide is designed to outline the steps necessary to install the ASI E-PROM M&C card into the MM200.

2.0   Included Items

1.   KT-0000156 Field Upgrade Kit. Contains the following:

  • AS/4459 Advanced ASI Board.
  • Latest ASI firmware (For Units Older than 2007) An IC Chip puller is recommended for removing IC Chips and is not included in this kit.

3.0　　　　Removal

1. Disconnect the MM200 from power, and remove the lid of the unit. Place lid and screws to the side.

Figure 1

2. From the backside of the unit, unplug and remove the two interface cards or blank panels on the right side of the unit. These are interface slots #3 and #4. This will expose the back of M&C board as shown below.
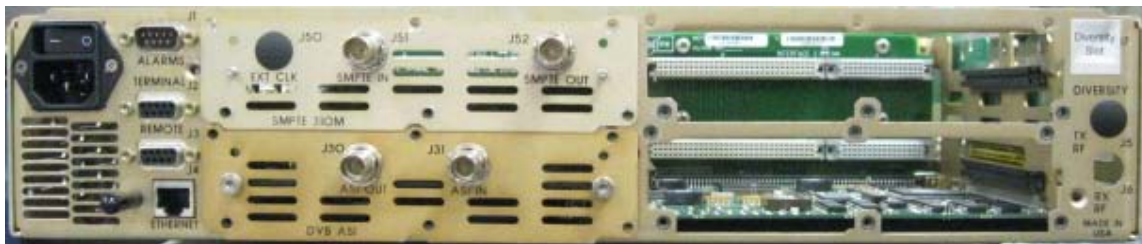

Figure 2

3. On top the M&C board, locate the existing firmware chip FW/4459 (in the socket marked U11) and remove it by using the IC chip puller. Refer to **figure 3** on the next page.

    WARNING: BE VERY CAREFUL WHEN REMOVING THE CHIP. BE SURE NOT TO PUT PRESSURE ON THE SOCKET OR PULL THE SOCKET UP OFF THE BOARD ALONG WITH THE CHIP.

4.0 Installation

4. Install the new Firmware in the socket marked U11 making sure that the pin 1 indicator is matched to the silkscreen (also, there is one corner of the socket and firmware chip that is slanted. This corner must line up between the chip and the socket)
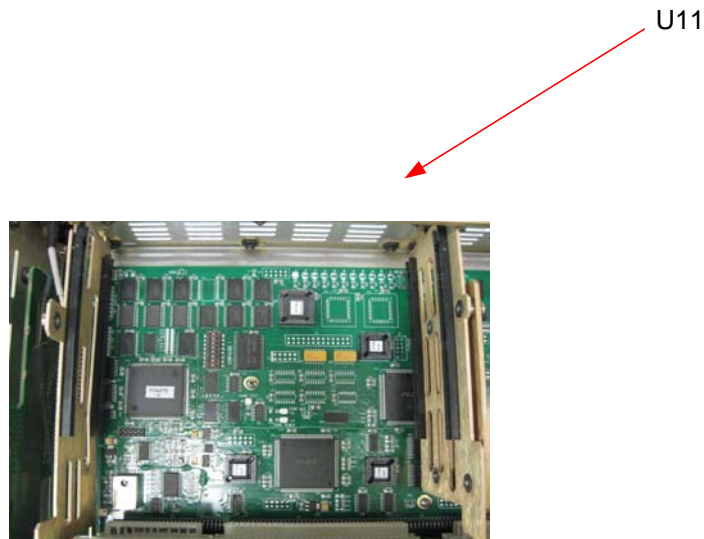
U11

Figure 3

5. Reinstall the interface cards and the top lid.

6. Install ASI board in intended slot and secure with pan head Phillips screws.

Figure 4

7. Reattach lid with screws removed in step one.

5.0 Power Check Up

8. The MM200 will auto initialize the installed ASI board and recognize the firmware.

9. The firmware revision number will be displayed on the front panel.