

APPENDIX B MODULE ERROR CODES AND RECOMMENDED ACTIONS

1. VHF and UHF Transceiver and non-IP Controller

	VHF and UHF Transceiver Modules	Non-IP Controller Module	Recommended Action
E01	-	Internal 10MHz failure	Either replace Controller Module or use external 10 MHz oscillator
E02 – E03	Reserved	Reserved	
E04	-	DC Revert Active	Check AC Power Supply
E05	Channel Programming Error or Empty Channel Table	-	Check channel programming
E06	PA Comms Failure	-	Check PA inserted correctly. If PSU fault light is on, or PSU power light is off, then replace PSU. Otherwise replace PA.
E07	PA Over Temperature Alarm	-	Check fan operation
E08	PA High VSWR Alarm	-	Check antenna connections.
E09	Remote Diagnostics Active	-	An advisory, not an error.
E10 – E22	Reserved	Reserved	
E23	-	GPIO Xilinx boot failure	Replace Controller Module
E24	DSP boot failure	DSP boot failure	Replace Module

Table B-1: VHF and UHF Transceiver and non-IP Controller Failures/Advisories

2. IP Controller

The following error notifications may be displayed during boot-up of the IP Controller Module.

	IP Controller Module		
E01	Cannot read password or group file	E13	Failed to load dsp driver
E02	Reserved	E14	Failed to start HDLC daemon
E03	Failed to load xilinx driver	E15	Failed to configure network interface
E04	Failed to initialise glue xilinx	E16	Failed to configure network routes
E05	Failed to initialise GPIO xilinx	E17	Failed to get network settings via DHCP
E06	Failed to load SPI driver	E18	Failed to start PC Console daemon
E07	Failed to start webserver	E19	Failed to start Interface Card daemon
E08	Failed to load HDLC driver	E20	Failed to start telnet daemon
E09	Failed to load xc driver	E21	Failed to load dsp program
E10	Failed to load stbus driver	E22	Failed to start DSP
E11	Failed to activate xc	E23	Failed to read configuration file
E12	Failed to load Codec driver	E24	Failed to set time via NTP

Table B-2: IP Controller Failures/Advisories