

Align the pins of the header to the main board socket.
Make sure the **RED stripe** of the ribbon cable is to the **LEFT** side when inserting into the socket.

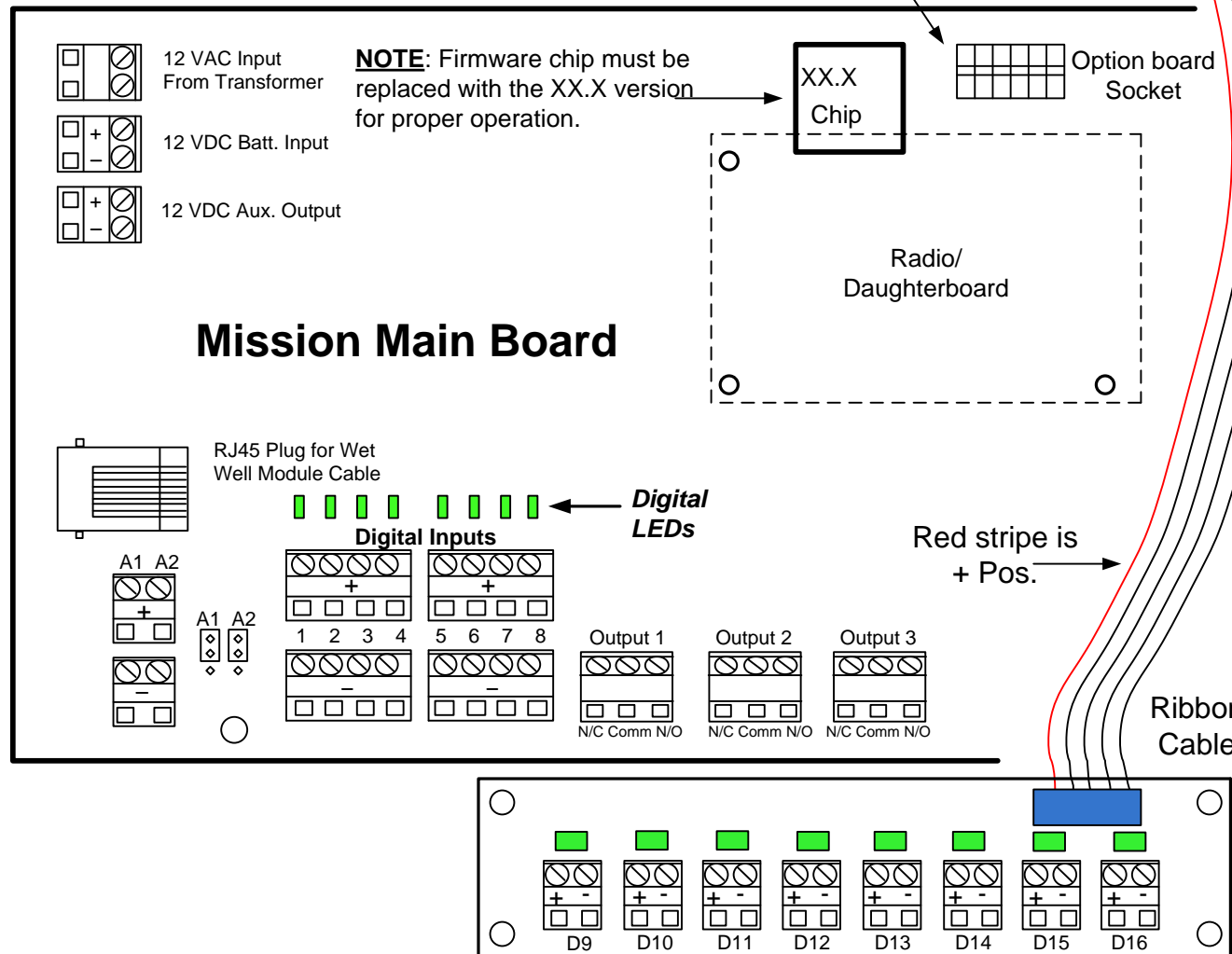
Instructions



NOTE: Turn off AC and DC power to Mission RTU

1. Remove the radio/daughterboard from main board.
2. Replace the firmware chip with the new version XX.X chip.
3. Mount digital board header to option board socket on main board making sure RED stripe on ribbon cable is to the left.
4. Reinstall radio/daughterboard to main board.
5. Wire up the digital inputs to dry contacts. 1K ohm resistors are NOT needed for the expansion board inputs only.
6. Fax in setup form and call Mission if you have questions.

No 1K resistors needed. Inputs are for alarms only **NO PUMP RUNTIMES**.
Expansion board inputs, do not support wire faults.



PLC Digital Out Hookup- Tie the common ground wire from the PLC to the D16 connector, negative terminal (right contact), of the Digital Option Board. Tie the positive or signal wires from the PLC to the left side of the digital connectors you want to use. **NO RESISTORS NEEDED.**

Mission Communications 877-993-1911		Drawn By: D.Button	Date: 7-23-10
Revised by:		Title: Digital Expansion Board Install	
SIZE X	Date	DWG NO 2009-08-10	REV A
SCALE 1:1	SHEET 1 OF 1		