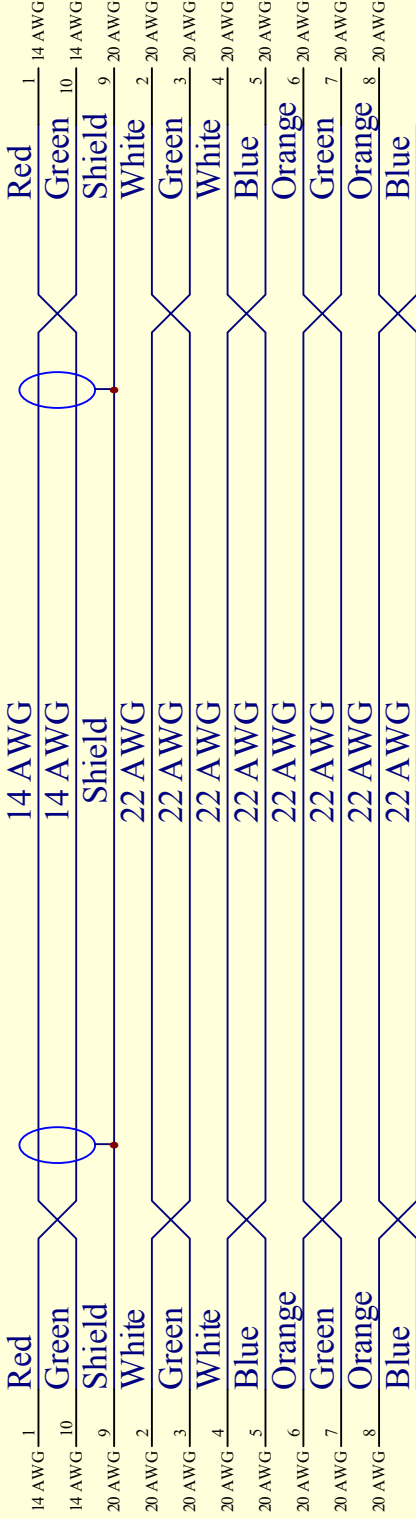
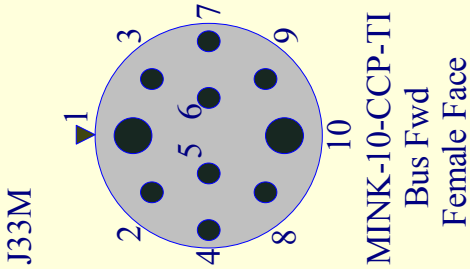
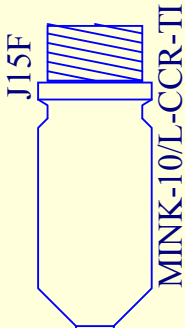
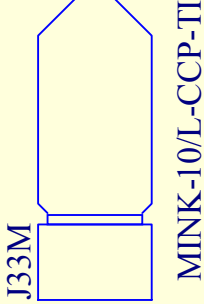
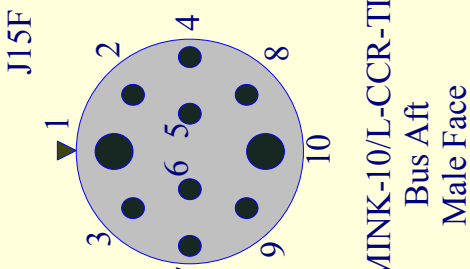


Bus Extension Cable in Multibeam Payload Section

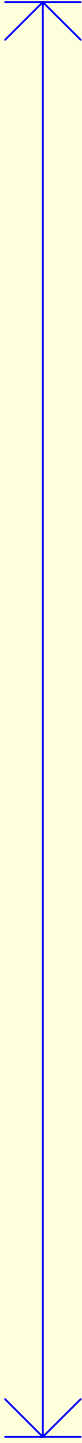
Connects to Bus Fwd



Connects to Bus Aft



Cortland EN204011 PU Jacket Cable



1	Bus+
10	Bus-
9	Bus Shield
2	Eth Tx+
3	Eth Tx-
4	Eth Rx+
5	Eth Rx-
6	RS485-
7	RS485+
8	Enable

Notes:

1. The actual shield on the 14AWG twisted pair needs to be connected to pin 9 on the connectors (could use the drain wire here, if the drain is first soldered to the shield)
2. Cable length measurement is along the exposed cable section.



Title: Bus Extension Cable - Multibeam AUV			
Engineer: Mark Silenac			
Checked: *			
Part No.: 1002218			
Sheet: 1	of 1	Rev: 1	Date: 05-Dec-2003
Z:\Multibeam\Schematics\System Level Wiring\1002218-Bus.txt.SchDoc			