

B2		
B5		
A7	B7	C7
A8	B8	C8
A9	B9	C9
A10	B10	C10
A11	B11	C11
A12	B12	C12
A13	B13	C13
A14	B14	C14
A15	B15	C15
A16	B16	C16
A17	B17	C17
A18	B18	C18
A19	B19	C19
A20	B20	C20
A21	B21	C21
A22	B22	C22
A23	B23	C23
A24	B24	C24
A25	B25	C25
A26	B26	C26
B28		
B31		

Pin	Signal Designator	Signal Description
B2	BATTERY_+12	Supply Power
B5	BATTERY_+12RET	Supply Return
A7	LRADIO_GND	Long-range Radio Ground
B7	LRADIO_PWR	Long-range Radio Power
C7	LRADIO_RX_IN	Long-range Radio Rx_In
A8	LRADIO_TX_OUT	Long-range Radio Tx_Out
B8	GND	Filtered Power Ground
C8	LRADIO_RTS	Long-range Radio RTS
A9	LRADIO_CTS	Long-range Radio CTS
B9	LRADIO_DTR	Long-range Radio DTR
C9	LRADIO_DSR	Long-range Radio DSR
A10	LRADIO_DCD	Long-range Radio DCD
B10	GND	Filtered Power Ground
C10	LRADIO_RI	Long-range Radio RI
A11	RESET_N	System Reset
B11	+3.3V	+3.3V from SideARM
C11	+3.3V	+3.3V from SideARM
A12		
B12	GND	Filtered Power Ground
C12	CONSOLE_PWR	Console Device Power
A13	CONSOLE_RX_IN	Console Device 232 Rx_In
B13	CONSOLE_TX_OUT	Console Device 232 Tx_Out
C13	CONSOLE_GND	Console Device Ground
A14	SA_CONSOLE_TX	SideARM console RS-232 transmit out
B14	GND	Filtered Power Ground
C14	SA_CONSOLE_RX	SideARM console RS-232 receive in
A15	SPI_INTR	SPI Interrupt
B15	SPI_CS	SPI Channel Select
C15	SPI_MOSI	SPI Data In
A16	SPI_MISO	SPI Data Out
B16	GND	Filtered Power Ground
C16	SPI_CLK	SPI Clock
A17	+VBATT	Filtered Power
B17	+VBATT	Filtered Power
C17	+VBATT	Filtered Power
A18	PAGER_TX_OUT	Pager RS-232 Tx Out
B18	GND	Filtered Power Ground
C18	PAGER_RELAY+	Relay+ from Pager
A19	PAGER_GND	Pager Ground Supply
B19	PAGER_PWR	Pager Power Supply
C19	PAGER_RELAY-	Relay- from Pager
A20	BP_RELAY-	Backplane Reset Relay PWR
B20	GND	Filtered Power Ground
C20	PAGER_RX_IN	Pager RS-232 Rx In
A21	BP_RELAY+	Backplane Reset Relay GND
B21		
C21	SEAWATER	Seawater Ground
A22		
B22	GND	Filtered Power Ground
C22		
A23	SRADIO_GND	Short-range Radio Ground
B23	SRADIO_PWR	Short-range Radio Power
C23	SRADIO_RX_IN	Short-range Radio Rx_In
A24	SRADIO_TX_OUT	Short-range Radio Tx_Out
B24	GND	Filtered Power Ground
C24	SRADIO_RTS	Short-range Radio RTS
A25	SRADIO_CTS	Short-range Radio CTS
B25	SRADIO_DTR	Short-range Radio DTR
C25	SRADIO_DSR	Short-range Radio DSR
A26	SRADIO_DCD	Short-range Radio DCD
B26	GND	Filtered Power Ground
C26	SRADIO_RI	Short-range Radio RI
B28	BATTERY_+12RET	Supply Return
B31	BATTERY_+12	Supply Power