

SIC: Margaret Tivey	R/V Melville Hardware Log	SCG: Robert Harper
R/V Melville SIC: Margaret Tivey per	Hardware Log 05-Apr-2005 - 11-May-2005	TUIM05MV SCG: Robert Harper

03-Apr-05 Sun Ray 20:14:20Z System (harper)	Chief Scientist ask if we could clear one the desk in the upper lab to make space for a science workstation. The Sun Ray was moved to a desk in the upper lab next to another Sun Ray system	
04-Apr-05 Sun Ray 21:00:51Z (harper)	Remove Sun Ray system from the main lab to make room a stand along CTD need for Jason.	
06-Apr-05 Monitors 06:47:23Z for Jason (harper) Viewing	Chief Scientist ask if we could extent the Jason feed Geoff put together before he left. I connected two monitors they bought along in the main lab and manage to find a third in the hole. There are three feeds coming from the van into the splitter in the main lab and from there each feed in connected to a small monitor for viewing.	
10-Apr-05 Seatel 01:20:40Z (harper)	Recycled the power to see if connect could be regained.	
13-Apr-05 Seatel 01:25:48Z (harper)	Recycle power on Comtech per the suggest of Scott, still no transmit signal. It only transmitting about a quarter of its normal out put.	
12-Apr-05 Comtech 23:51:30z (harper)	Increased the output to the antenna from -11dB to -5dB and disabled SCRAM and re-enabled after 30 seconds and the transmit signal when back to its normal reading.	
13-Apr-05 Comtech 17:45:02z (harper)	Decreased the output to TX from -5dB back to -11dB and the signal is still stable.	
13-Apr-05 Axis 21:02:37Z Server (harper)	Replaced line 1-3 on the server with Jason feeds for access over the internet. Split the signal between the views and the server. Also labeled the coax cables 1,2,3 from the Melville	

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e	cameras.	
14-Apr-05 03:13:57Z (harper)	Seatel	Lost TX signal again error 0008 on console. Reset error waiting to see if signal will increase.
15-Apr-05 03:29:57Z (harper)	Seatel	Blasted by another signal and we are now off-line.
16-Apr-05 02:30:39Z (harper)	Window PC	Upper Lab Window Caris-03 computer would not boot missing n tlr file. Load windows XP until a copy 2000 is available.
22-Apr-05 23:56:43Z (harper) 24	Seatel	Spoke with Karl Kaputa from CommSystems and he suggested we disconnect the power to the DC power input to the amplifier and let the unit cool off. We plan to keep it disconnected for 24 hours and re-connect if to see if this mays a difference. Karl also mention possibly having a amplifier and CD power shipped to the port stop.
23-Apr-05 23:34:23Z (harper) are	Seatel	After powering up the CD power supply and amplifier around 8:30 local time nothing happen for the next four hours. Around 12:30 local HiSeasNet came back online for and hour so and lost the signal around 1:30 local. Now errors are st to appear in the Seatel error window, the errors are on the left side and seems sequential. Now the errors are appearing in cycles it seems. The antenna goes into a search and strats to track the sate drop off, the same pattern happen over and over with the tr never having the chance to lock on.
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24-Apr-05 21:13:43Z (harper)	HiSeasNet	Power down the DC power supply and the amplifier again to see if this helps with the Seatel errors and not being able to get a lock before searching again.
04-May-05 20:38:39Z (harper) l.	Ships Office	The PC next to the entance disk drive failed, I replaced it with a 120gb drive stored away in the lowerlab. XP was and Office XP suite was re-installed and all is working wel