

MOOS mooring 4/17/02 meeting notes

18 weeks to deployment

Present: Duane Edgington , Jon Erickson, Lance McBride, Tim Meese, Keith Raybould, Mark Chaffey (notes).

1. Software weighs in. *Tim Meese will be joining the weekly meetings to help support the MOOS mooring test deployment with the NMC/CERF hardware controller.*
2. Update from project scientist. *NOPP proposal has been submitted. Full proposal will be available on the web shortly.*
3. Data requirements from test mooring. *Data requirements are being included with the controller requirements. Mark Chaffey will contact John Graybeal and Duane E. to discuss how to handle test mooring data downloading, archiving and access.*
4. Current task status

ID	Task Name	Duration	Start	Finish	Resource Names	% Complete
3	power system prelim. design & diagram <i>On hold pending Ed's return.</i>	8.33 days	Tue 2/12/02	Fri 3/29/02	Mellinger Ed[60%]	70%
4	power system housing specification/design <i>On hold pending Ed's return.</i>	5 days	Fri 3/29/02	Fri 4/5/02	Mellinger Ed[60%]	0%
9	battery housing size, design and locate <i>Design complete and plan checked. CDR final step before putting in shop.</i>	10 days	Wed 3/6/02	Tue 3/26/02	Mellinger Ed[60%],Erickson Jon[60%]	95%
14	design panel mounts and tower access <i>In progress.</i>	5 days	Fri 2/22/02	Mon 3/11/02	Mellinger Ed[60%],Erickson Jon[60%]	60%
17	select solar charge controller/PPT <i>On hold pending Ed's return.</i>	10 days	Tue 3/19/02	Tue 4/9/02	Mellinger Ed[60%]	10%

24 turbine mount and access design <i>Final design pending final tower design.</i>	1 day	Fri 3/8/02	Fri 3/8/02	Mellinger Ed[60%],Erickson Jon[60%]	75%
27 select wind charge controller <i>On hold pending Ed's return.</i>	8.33 days	Thu 3/28/02	Tue 4/9/02	Mellinger Ed[60%]	50%
32 temporary controller requirements specified <i>Requirements under review, will be frozen at PDR for controller.</i>	8.33 days	Mon 2/11/02	Tue 3/26/02	McBride Lance[60%]	95%
34 wave/acceleration instrument on order <i>On hold pending final controller requirements (above).</i>	35 days	Wed 3/27/02	Tue 5/14/02		0%
35 temporary controller specified <i>Done, will be finalized at PDR.</i>	8.33 days	Mon 3/4/02	Tue 3/26/02	McBride Lance[60%]	95%
38 CERF adapter board debugging <i>Done.</i>	12 days	Thu 3/14/02	Fri 3/29/02	McBride Lance[60%],SE[60%]	75%
39 RF communications specified. <i>In progress.</i>	8.33 days	Tue 3/26/02	Fri 4/5/02	McBride Lance[60%]	0%
41 controller housing and chassis specification/design <i>In progress. Craig Okuda has complete design for AL controller housing and expects first unit from shop 4/24/02. MOOS mooring will examine as standard for controller and power can.</i>	6 days	Tue 3/26/02	Wed 4/3/02	Chaffey Mark[10%],McBride Lance[60%]	0%
42 temporary controller on order/fab <i>Pending complete systems and interface design.</i>	30 days	Tue 3/26/02	Tue 5/7/02		0%
55 bridle/snubber strain gage specified <i>TBD. Mark Chaffey contacting WHOI regarding possible candidate.</i>	8.33 days	Thu 2/28/02	Mon 4/1/02	unassigned EE[60%]	40%

57	snubber hose final design specifcation <i>TBD. Mark Chaffey working on this with Walter Paul (WHOI).</i>	8.33 days	Wed 3/27/02	Mon 4/8/02	Chaffey Mark[60%],Erickson Jon[60%]	25%
63	snubber electro-optical connectors delivery time <i>Connectors on order, specified delivery is 8/5/02. Working with Brantner to get faster delivery if possible.</i>	100 days	Wed 3/27/02	Tue 8/13/02		0%
70	tower final detailed design <i>Pending solar panel mount design.</i>	8.33 days	Tue 3/26/02	Fri 4/5/02	Erickson Jon[60%]	0%
71	bridle final design <i>Pending snubber specification.</i>	5 days	Tue 3/26/02	Mon 4/1/02	Erickson Jon[60%]	0%
75	float design <i>Pending final weight and balance calculation that is pending panel mount design.</i>	5 days	Mon 3/4/02	Wed 3/27/02	Erickson Jon[60%]	80%
78	anchor system preliminary design <i>TBD.</i>	8.33 days	Tue 3/26/02	Fri 4/5/02	Erickson Jon[60%],Chaffey Mark[60%]	0%