

MOOS mooring system 8/14/02 meeting notes

Present: Lance M., Keith R., Mike R., Jon E., Mark C. (notes)

1. Test deployment schedule. *Schedule is very tight - especially for the power system which is about two weeks over schedule needed to have full integration and checkout time available.*
3. 2003 proposal update. *Proposal work in progress. Will be submitted to Keith for incorporation in the overall MOOS 2003 proposal.*
3. Current task status.

ID	Task Name	Duration	Start	Finish	Resource Names	% Complete
8	fabricate and wire battery housing <i>No update.</i>	8.33 days	Mon 7/1/02	Mon 8/12/02	Mellinger Ed[60%],Erickson Jon[60%]	70%
11	design panel mounts and tower access <i>Z-channel specification and PO only outstanding item.</i>	5 days	Fri 2/22/02	Wed 8/7/02	Mellinger Ed[60%],Erickson Jon[60%]	80%
16	solar panel mount fabrication <i>Pending Z channel procurement, backing material final specification, and instruction procedure.</i>	13 days	Thu 8/8/02	Mon 8/26/02	shop[50%]	0%
23	power system wiring detailed design <i>No update.</i>	16.67 days	Wed 6/26/02	Fri 8/9/02	Mellinger Ed[60%]	92%
24	power system distribution board concept design <i>Can we still have this review this week? Need to pick up two weeks in the schedule!</i>	1 day	Fri 8/9/02	Mon 8/12/02		0%
25	power system distribution board schematic	16.67 days	Mon 8/12/02	Tue 9/3/02	Mellinger Ed[60%]	0%

Pending concept review and PDR.

26	power system connectors on order <i>No update. We need these connectors to start wiring battery boxes!</i>	14.29 days	Fri 8/9/02	Thu 8/29/02	Mellinger Ed[7%]	0%
27	power system housing specification/design <i>Pending finalizing power system design.</i>	5 days	Thu 4/25/02	Tue 8/13/02	Mellinger Ed[60%]	75%
42	controller housing and chassis specification/design <i>Scott to work with Lance to make sure FOFEB board is going to fit in chassis and housing design.</i>	6 days	Tue 3/26/02	Wed 8/7/02	Chaffey Mark[10%],McBride Lance[60%]	90%
43	temporary controller on order/fab <i>All hardware in place. Problems with disk drive subsystem but this is not needed for tier 1 capabilities.</i>	20 days	Tue 5/21/02	Mon 6/17/02		95%
44	fiber test card design <i>Need to establish mechanical configuration within one week so housing design can proceed. See controller housing above.</i>	20 days	Thu 6/20/02	Tue 8/13/02	Scott Jensen[20%]	75%
45	fiber test card fabrication and test <i>No update.</i>	15 days	Wed 8/14/02	Tue 9/3/02	Scott Jensen[20%],Duane Thompson[40%]	0%
46	controller housing and chassis fabrication <i>Fit and function will be coordinated by Lance and fabricated by Duane T. Need to pass on length dimensions to Jon E. as soon as known.</i>	20 days	Wed 8/7/02	Wed 9/4/02		0%
47	RF transceivers housing design and fab. <i>Cots housings on order.</i>	15 days	Wed 8/7/02	Tue 8/27/02	Erickson Jon[10%],McBride Lance[10%]	0%

48	compass software driver <i>No update. Waiting on NMC deployment.</i>	10 days	Wed 8/7/02	Tue 8/20/02	Tom O'Reilly[50%]	0%
49	heave sensor software driver <i>No update. Waiting on NMC deployment..</i>	15 days	Fri 7/26/02	Fri 8/16/02	Rich Henthorn	50%
50	GPS software driver <i>No update. Waiting on NMC deployment.</i>	10 days	Wed 8/7/02	Tue 8/20/02	Kent Headley[50%]	0%
51	Globalstar modem software driver <i>No update. Waiting on NMC deployment.</i>	15 days	Wed 8/7/02	Tue 8/27/02	Tim Meese[50%]	0%
52	Z-Star sampling software driver <i>No update. Waiting on NMC deployment.</i>	15 days	Tue 6/25/02	Mon 8/12/02	Mike Risi	75%
53	SSDS instrument metadata plan <i>No update. Waiting on NMC deployment.</i>	3 days	Tue 8/13/02	Thu 8/15/02	John Graybeal[20%]	0%
58	riser cable termination socket design <i>Technical method research started.</i>	8.33 days	Fri 4/19/02	Thu 8/15/02	Chaffey Mark[60%],Erickson Jon[60%]	20%
61	specify riser cable floats <i>Done, ready for PO.</i>	4 days	Tue 6/25/02	Wed 8/7/02	Chaffey Mark	90%
70	snubber hose fabrication <i>In progress.</i>	40 days	Tue 6/25/02	Mon 8/19/02		80%
71	snubber union/instrument cage assembly design <i>In progress</i>	4 days	Tue 6/11/02	Thu 8/15/02	Erickson Jon[15%]	25%
73	bridle/snubber/anchor strain gage on order <i>Done.</i>	57 days	Wed 6/12/02	Thu 8/29/02	Erickson Jon[60%]	72%
74	coilcord core cable fabrication <i>In progress.</i>	35 days	Mon 4/1/02	Tue 8/13/02		90%
75	coilcord fabrication <i>Test piece in progress.</i>	35 days	Tue 8/13/02	Tue 10/1/02		0%

76	snubber electro-optical connectors delivery time <i>Waiting on coilcord fabrication.</i>	131 days	Mon 4/22/02	Tue 10/22/02		60%
78	bending strain relief delivery time <i>On order, delivery time?</i>	50 days	Tue 7/9/02	Tue 9/17/02		45%
86	tower fabrication <i>In progress.</i>	35 days	Tue 6/25/02	Mon 8/12/02		91%
87	bridle fabrication <i>In progress.</i>	35 days	Wed 6/26/02	Mon 8/19/02		75%
89	float order and lead time <i>Scheduled arrival 8/19/02.</i>	41 days	Wed 6/12/02	Fri 8/16/02		85%
91	anchor system preliminary design <i>No progress.</i>	8.33 days	Wed 8/7/02	Mon 8/19/02	Erickson Jon[60%],Chaffey Mark[60%]	0%
98	Design and model test mooring configuration <i>Cable samples sent to Mark Grosenbaugh at WHOI. Mark will assist with final configuration modeling.</i>	50 days	Thu 8/8/02	Wed 10/16/02	Chaffey Mark[20%]	0%
99	Design and Fab. of stand-up support <i>Original plan had John F. duplicating existing stands. Craig Okuda has updated design concept but no information available from Craig on progress. Project will either adopt Craig design or duplicate existing stands based on design progress.</i>	20 days	Wed 8/7/02	Tue 9/3/02	Erickson Jon	0%

