

**Current activity and progress:**

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We are waiting for a PETU which we have borrowed from the Deepwater Navigator to assist with our testing of the SEM from the Deepwater Nautilus at West Engineering's facility in Brookshire. This is scheduled to arrive Thursday evening. We have proceeded with AMF card testing and some limited testing of the SEM. Currently we have found a hidden fault with the AMF circuits on this DWN SEM that is related to the condition of one nine volt battery and was probably unknown to the DWN personnel. We found that one AMF circuit fired and then disarmed while the other continued to cycle. We switched the batteries and found that the problem moved with the battery that measured lower voltage. This same condition could have contributed to the results that Cameron found when the DWH Blue POD was retrieved. We are continuing to test and will need to develop a test procedure for submission to DNV so that similar testing may be used to verify whether or not this same fault could have occurred on the DWH Blue Pod. – In progress

West Engineering has agreed that primarily Brian Leach and then Mike Van Gemert will be available to back up Chris Tolleson as required.

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Continued assistance with flow line, overboard diverter lines and gumbo box piping and arrangement to assist with support for Stress calculations. A response

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from NOV confirmed that they have never been requested to install a level sensor in the gumbo box to calculate flow.

We received the updated procedure from Stress for removal of the drill pipe from the riser for further analysis. This has been passed on to Dan and is awaiting review or his decision to pass on to DNV and the JIT. No evident progress for this week. - In progress

We are continuing work on the necessary items for Cameron software testing on the Deepwater Nautilus. REDACTED : PRIVILEGED

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Continued work on our previous interpretation of the API 53 requirements for re-certification is still required. In addition to the work being carried out by Greg Childs, Rodney will look into our company policy and requirements that are called out on our PM system to see if we are in compliance with our own requirements. Continuing a review of the Modu Spec report to determine what items were out of certification and whether the items noted in the report were being maintained to meet class and or Transocean requirements. Awaiting input from Rob Turlak and group on Transocean policy. Rob is presently in Singapore. - In progress

**People during this period:**

West Engineers:

Greg Childs out Tuesday afternoon and Wednesday at West

Chris Tolleson and Harshal were at West on Tuesday, Wednesday and part of Thursday to work on AMF testing with the DWN SEM.

Transocean:

Ewen Florence out on vacation.

Bob Walsh was out Tuesday

**Sharepoint Items Status – Technical Group**

<u>Assigned</u>	<u>Open</u>	<u>100% ready for sign off</u>	<u>App – closed</u>
Dan Farr	4		
Geoff Boughton		1	
Greg Childs	10	2	3
Chris Tolleson	13	1	1
Ewen Florence	26	3	2
James Kent			5
Robert Tiano	11	6	

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Bob Walsh	13	2	4
Rodney Manning	2		
Harshal Patil	1		

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