



**CAMERON
CONTROLS**

Meeting Minutes

Attendees:

RBF

Kevin Wink
Al Cotton
Mike Rogers
Robert Taylor
Mike Byrd
Don Weisinger
Mike Rogers
Gary Leach

Cameron

Dick Roberson
Gary Counts
Al Sheppard
Richard Coronado
Luke Azbill

Date:

June 30, 1999

Re:

Progress Meeting

COOPER CAMERON CONTROL					
RBS - 80					
Correspondence Distribution					
Date Received			Cameron Log No.		
7/12			1-014		
Name	Info	Act	Name	Info	Act
Richard Coronado	✓		D. Roberson	✓	
Bolie Williams IV	✓		D. Walker	✓	
Margaret Buckley	✓		220		
Paul Perez	✓		V-1/8	✓	
Terren Roark					
			ACTION:		

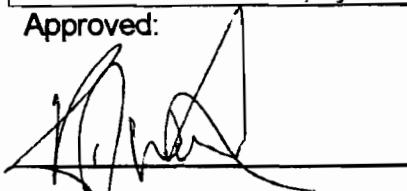
TOPIC	
1. Hydraulic schematics were given to Kevin.	
2. Change order #1 had not been approved/disapproved yet by RBF.	RBF
3. Al and Jack had visited Berwick to look at the 8M stack. Al asked if the failsafe panels are necessary. Discussion again turned to the size of panels and the possibility of mounting the F/S Kit items loose on the stack versus having all items on the mounting plate. Cameron will investigate	C CC
4. At the next meeting, we must be able to state the number of stack mounted bottles and demonstrate the methodology used.	CC
5. At the next meeting, CC must answer question regarding conduit sizing.	CC
6. RBF requested that if possible, we get the function times from the testing of the 8M stack.	CC

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Exhibit No. _____
Worldwide Court
Reporters, Inc.

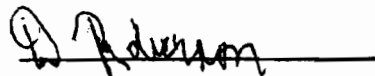
7. CC requested P.O. and rig drawings (piping drawings ASAP). Neither were ready at this meeting	RBF
8. Don stated that RBF needs to determine EDS & DMS by next meeting.	RBF
9. Carry over - Surge bottles. The requirement for two surge bottles for the main hydraulic supply that was discussed at the KOM must still be verified before they are placed in the scope of supply	Cameron RBF
10. The next meeting will take place on 7/7/99 @ 7:00 a.m.	
11. Question was asked if any DMS systems have been used in Norwegian waters? If so, who was the certifying agency (ABS/NPD/Lloyds) ?	CC
12. Mike asked if a Haz. OP had been done on the DMS. If one has been done, he would like to review it. No answer yet.	CC
13. RBF will check with ABS to confirm the fact that DMS will substitute for acoustic system. No answer yet.	RBF
14. Information needed from RBF: a. Pipe size b. Approval of proposed spares layout on panel drawings. c. Definition of EDS/DMS d. CO# 1 approval/disapproval e. P.O. Issued f. Rig drawings g. Answer related to the requirement for main hydraulic system surge bottles that may be needed. h. Confirmation of fact that DMS will substitute for Acoustic system in Norwegian waters.	RBF
15. Information needed from Cameron a. Conduit size b. Number of subsea accumulator bottles c. If DMS system has been certified for Norwegian waters - if so, by whom?	CC

Approved:



Kevin Wink

Rig Manager



Dick Roberson

Project Manager