



Meeting Minutes

Attendees:

RBF

Kevin Wink
Al Cotton
Mike Rogers
Robert Taylor
Mike Byrd

Cameron

Dick Roberson
Gary Counts
Bolie Williams
Richard Coronado
Luke Azbill
David Walters

Date:

June 23, 1999

Re:

Progress Meeting

| TOPIC | ACTION: |
|---|-----------|
| 1. Mike Byrd wants a hydraulic schematic within a couple of days. | CC |
| 2. CC (Electrical) discussed having space on the control panels for the six (6) spares called for in the MR. Preliminary panel drawings were distributed for discussion purposes. Some layout suggestions were offered and RBF will get back to us later. Bolie will confirm Hydraulic spares | RBF CC |
| 3. RBF stated that the Material Requisition comments from CC were received on 6/21/99 and are acceptable. The changes will be made in the P.O. | RBF |
| 4. Gary wanted to discuss space on the stack and made the comment that there is a 35 accumulator bottle capability on the stack at the present time. He discussed possibly adding bottles in a swing-out rack configuration. | |
| 5. Estimated subsea bottles: 30 on stack for shear 18 - 20 on LMRP for DMS (connector) | |
| 6. Discussion continued regarding stack space by turning to the fail safe panels. If was suggested that space could be | CC |

DRAWING -
HANDLED TO
KEVIN

DEAD MAN SYSTEM

EDS → REVIEW & COMMENT

-CASING SHEAR NOT PERFORMED BY ALL BOTTLES

4113

Exhibit No. _____
Worldwide Court
Reporters, Inc.

| | |
|---|----------------|
| saved by reducing the size of the panels by eliminating the bulkheads. Bolie will evaluate. | |
| 7. Discussed possible reduction in size of the ROV panels. Al Cotton will contact Oceaneering on this matter. | RBF |
| *→ 8. Robert still needs calc's for determining rigid conduit size. Bolie will discuss with Al Sheppard | CC |
| 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 6/30/99 @ 7:00 a.m. | |
| 11. CO# 1 (to bring 8M & 8D to same level) was presented to Kevin for approval. | RBF |
| *→ 12. Robert asked for a "typical" DMS sequence. | CC |
| 13. The minutes of the previous meeting were discussed and approved. | |
| *→ 14. Mike asked if a Haz. OP had been done on the DMS. If one has been done, he would like to review it. | CC |
| 15. Bolie will update drawings to show accumulator charge/dump for DMS accumulators. | CC |
| 16. RBF will check with ABS to confirm the fact that DMS will substitute for acoustic system. | RBF |

PROHIBIT TO
KEVIN

ISSUES → PROJECT SCHEDULE
BOTTLE SPACE

Approved:

Q.C. → CX GROOVES

WT. CONTROL → 680 K MAY

• PODS 18,400 # → 20,000 *

Kevin Wink

Dick Roberson

Rig Manager

Project Manager

R&B/Falcon

Cameron Controls

* SIMMS OVER HEATING → WHERE ARE THESE LOCATED

* HELIUM & SINKING FLOATS → NOT USING FLOATS - BLADDER BOTTLES

→ FMEA / FAULT TREE TO BE KICKED OFF AS SOON AS DMS AGREED

CONDUIT CALCS → BY NEXT MTG. → CC

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→ SHEAR CHARIS ? CC TO PROVIDE

- 1) BOTTLE COUNT
- 2) PANELS