

DET NORSKE VERITAS

Designed and Constructed by  
Mech-Tool Engineering Limited (MTE)

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Your ref.:  
Tees Alliance Group -  
SeaDragon 1

Our ref.:  
EOCNO 723/GJE/D27366-J-1407

Date:  
2008-12-15

**FSUE "PO SEVMASH" D-93150, Id.No. D27366  
SD01-TAG-DNV-TN-1884 Living Quarter Drawings**

Reference is made to your letter Tees Alliance Group - SeaDragon 1 dated 2008-12-08. The following drawings are stamped 2008-12-15 and given the status as shown:

Drawing No.	Rev.	Title	Status
SD01-MTE-YA-LQ-251-N-0201-001	02	MARKING SCHEME	For Inf.
SD01-MTE-YA-LQ-251-N-0202-001	02	LQ2 ELEVATION ON STARBOARD FACE	Approved
SD01-MTE-YA-LQ-251-N-0203-001	02	LQ2, LQ3 ELEVATION ON LQ2 PT LQ2 STBD	Approved
SD01-MTE-YA-LQ-251-N-0204-001	02	LQ1 ELEVATION ON LQ1 PORT FACE	Approved
SD01-MTE-YA-LQ-251-N-0205-001	02	LQ1 PLAN ON UPPER DECK FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0206-001	02	LQ1 PLAN ON UPPER DECK ROOF	Approved
SD01-MTE-YA-LQ-251-N-0207-001	02	LQ1 PLAN ON DRILL FLOOR FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0208-001	02	LQ1 PLAN ON DRILL FLOOR ROOF	Approved
SD01-MTE-YA-LQ-251-N-0209-001	02	LQ1 PLAN ON WHEEL HOUSE DECK FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0210-001	02	LQ1 PLAN ON WHEEL HOUSE DECK ROOF	Approved
SD01-MTE-YA-LQ-251-N-0211-001	02	LQ1 ELEVATION ON FORWARD FACE	Approved
SD01-MTE-YA-LQ-251-N-0212-001	02	LQ1 ELEVATION ON AFT FACE	Approved
SD01-MTE-YA-LQ-251-N-0213-001	02	LQ1 ELEVATION ON STARBOARD FACE	Approved
SD01-MTE-YA-LQ-251-N-0214-001	02	LQ2 PLAN ON UPPER DECK FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0215-001	02	LQ2 PLAN ON DECK ROOF	Approved
SD01-MTE-YA-LQ-251-N-0216-001	02	LQ2 PLAN ON DRILL FLOOR FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0217-001	02	LQ2 PLAN ON DRILL FLOOR ROOF	Approved
SD01-MTE-YA-LQ-251-N-0218-001	02	LQ2 PLAN ON WHEEL HOUSE DECK FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0219-001	02	LQ2 PLAN ON WHEEL HOUSE DECK ROOF	Approved
SD01-MTE-YA-LQ-251-N-0220-001	02	LQ2 ELEVATION ON FORWARD FACE	Approved
SD01-MTE-YA-LQ-251-N-0221-001	02	LQ2 ELEVATION ON AFT FACE	Approved

SD01-MTE-YA-LQ-251-N-0222-001	02	LQ3 PLAN ON UPPER DECK FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0223-001	02	LQ3 PLAN ON UPPER DECK ROOF	Approved
SD01-MTE-YA-LQ-251-N-0224-001	02	LQ3 PLAN ON DRILL FLOOR FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0225-001	02	LQ3 PLAN ON DRILL FLOOR ROOF	Approved
SD01-MTE-YA-LQ-251-N-0226-001	02	LQ3 PLAN ON WHEEL HOUSE DECK FLOOR	Approved
SD01-MTE-YA-LQ-251-N-0227-001	02	LQ3 PLAN ON WHEEL HOUSE DECK ROOF	Approved
SD01-MTE-YA-LQ-251-N-0228-001	02	LQ3 ELEVATION ON FORWARD FACE	Appr.w/comm
SD01-MTE-YA-LQ-251-N-0229-001	02	LQ3 ELEVATION ON AFT FACE	Approved
SD01-MTE-YA-LQ-251-N-0230-001	02	LQ3 ELEVATION ON PORT FACE	Approved
SD01-MTE-YA-LQ-251-N-0231-001	02	LQ3 ELEVATION ON PORT FACE WH	Approved
SD01-MTE-YA-LQ-251-N-0232-001	02	SECTIONS AND DETAILS1	Approved
SD01-MTE-YA-LQ-251-N-0233-001	02	SECTIONS AND DETAILS2	Approved
SD01-MTE-YA-LQ-251-N-0234-001	02	SECTIONS AND DETAILS3	Approved
SD01-MTE-YA-LQ-251-N-0235-001	02	SECTIONS AND DETAILS4	Approved
SD01-MTE-YA-LQ-251-N-0236-001	02	SECTIONS AND DETAILS5	Approved
SD01-MTE-YA-LQ-251-N-0237-001	02	LQ3 SECTIONS AND DETAILS	Approved
SD01-MTE-YA-LQ-251-N-0238-001	02	UNIT JOINT AT CUTTING PLATE	Approved
SD01-MTE-YA-LQ-251-N-0239-001	02	UNIT TO UNIT JOINT	Approved
SD01-MTE-YA-LQ-251-N-0240-001	02	TYPICAL FLOOR JOINT DETAILS	Approved
SD01-MTE-YA-LQ-251-N-0241-001	02	FLOOR JOINT DETAILS	Approved
SD01-MTE-YA-LQ-251-N-0242-001	02	TYPICAL ROOF JOINT DETAILS1	Approved
SD01-MTE-YA-LQ-251-N-0243-001	02	TYPICAL ROOF JOINT DETAILS2	Approved
SD01-MTE-YA-LQ-251-N-0244-001	02	WALL JOINT DETAILS1	Approved
SD01-MTE-YA-LQ-251-N-0245-001	02	TYPICAL SECTIONS	Approved
SD01-MTE-YA-LQ-251-N-0246-001	02	WALL JOINT DETAILS2	Approved

The listed approved drawings have been reviewed for compliance with DNV Rules for Classification of Offshore Drilling and Support Units, DNV-OSS-101 with respect to structural strength and grade of material. The technical requirements are given in DNV Offshore Standard DNV-OS-C103.

As part of living quarter structural drawing approval, reference is made to the structural design documentation in document SD01-MTE-CL-ZZ-000-N-0006-000/ 02, "LIVING QUARTERS STRUCTURAL DESIGN", see DNV letter /D27366-J-1346. Previous comment no 603 has been repeated as DNV expect separate documentation of such details.

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Drawing No. SD01-MTE-YA-LQ-251-N-0228-001/ 02, "LQ3 ELEVATION ON FORWARD FACE"  
is approved, with the following comment:

- 603 Helideck Supports on Living Quarter (comment for information).  
Reference is made to fatigue assessment in A10.3.2.2 where node 37 is stated to be locally reinforced as part of Helideck supports. Hence, as part of DNV approval of LQ drawings, DNV expect to receive local design documentation and local drawing details of the helideck supports.

Yours faithfully  
for DET NORSKE VERITAS AS

James Evans  
Project Manager Approval

Per Gjerde  
Contact Person