



# AMERICAN BUREAU OF SHIPPING

Customer Name	WORLDWIDE OILFIELD MACHINE INC.	Purchase Order No.	W- 87814
Attending Office	Houston, TX (Port)	Report Number	HS2373876.R1
First Visit Date	02-Jan-2013	Last Visit Date	08-Jun-2013

**Certification Of:** Stop Valve Quantity: One (1)  
Manufacturer: WORLDWIDE OILFIELD MACHINE INC.

**Survey Location :** Houston Port Office

## Equipment Data

Item Name	5In 7500 PSI MODEL 200M SUBSEA DUAL TARGET BLOCK GATE VALVE With No5 HUB CONNECTION BX154
Manufacturer Number(S. No.)	A-28651
Model Number	M1859
Destination Vessel (Name)	SEDCO 710
Destination Vessel (Class Number)	8301583
Builder/Shipyard	MITSUI ENGR. & SHIPBUILDING CO. LTD.
Builder I.D./Hull No.	F558
Purchaser Name	TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC.

## Design Details

Design State	Design Approved/Reviewed
ABS Reviewing Organization	Houston OED - Equipment
Drawing Number	M1859 Rev.0

## Additional Data

Design Pressure	517.1068 bar
Design Temperature	121.1111 C

**This is to Certify** that the undersigned surveyor(s) to this Bureau did, at the request of the customer, carry out the following survey and report as follows:

Traceability of materials used on this project has been verified.

Welding plans, procedures & welder qualifications have been reviewed as required by Rule/Specifications.

The principal data has been verified in accordance with the applicable Rules/specifications and approved plans, and confirmed to be within acceptable tolerances.

All testing (pressure/load/operational/etc.) has been carried out as applicable and verified in accordance with the applicable Rules/specifications.

Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.

All parts of the machinery/equipment satisfactorily complied with the approved drawings. Amendments, if any, verified to be rectified and considered satisfactory.

Subject to satisfactory installation, testing and trials after installation onboard the vessel.

At the request of Worldwide Oilfield Machine, the undersigned surveyor did attend their 11809 Canemont Street, Houston, Texas 77035 facility in order to witness hydrostatic testing and review data books. Details to this survey are as follows:

**5-1/8 7.5K PSI MODEL 200M SUBSEA DUAL TARGET BLOCK GATE VALVE W/ #5 HUB CONNECTION BX-154.**

NOTE: This report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item or material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in the contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

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**SUBASSEMBLIES:**

**3-1/16 10K MODEL 200M GATE VALVE ASSEMBLY W/DF ACTUATOR**

**CUSTOMER : TRANSOCEAN OFFSHORE DEEPWATER DRILLING**

W.O.M. Sales Order: A43475

W.O.M. Assembly No: M1859

W.O.M. Serial No: A-28651

Vessel Name: BRAZIL SEDCO 710

**Subassemblies:**

W.O.M. Part No.: M1859-1

W.O.M. Assembly Serial No.: A-28652(1-2)

**Design Review:**

Project No.:2996959

Task No.: T1017182

Drawing No.: M1859 Rev. 0

Dated: 11 April 2013

ABS Offshore Engineering Department Equipment

Working Pressure: 10,000 PSI @ -50 F to 250 F

Service: H2S SERVICE per NACE MR-0175

PSL: PSL3

Manufacturer Certificate of Compliance reviewed and found satisfactory, dated: 14 FEBRUARY 2013.

**Hydrostatic Testing \*4.10.1**

**\*Valve Serial No(s): A- 28651 Dual Target Block Gate Valve**

Hydrostatic Testing per W.O.M. Procedure 4.10.1 for 10,000 PSI W.P.

(1) 3 Minute & (1) 15 Minute Shell Test @ 15,000 PSI

(1) 3 Minute & (2) 15 Minute Gate/Seat Tests @ 10,000 PSI

(1) 5 Minute Gate/Seat @ 250 PSI low pressure

Open valve under full differential pressure after each hold. Each side.

Chart Serial No(s): 242E-46712

L.P. Chart Serial No(s): 4420

H.P. Gauge Serial No(s): WG-010

**\*Valve Serial No(s): A- 286512A (1-2) 200M Actuator Assembly**

Hydrostatic Testing per W.O.M. Procedure 4.10.1 for 10,000 PSI W.P.

(1) 3 Minute Shell Tests @ 4500 PSI

(1) 3 Minute Seal Test @ 3000 PSI. In Both the Open and Closed Position

(1) 3 Minute Low Pressure Test @ 20% of W.P. 600PSI

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Customer Name	WORLDWIDE OILFIELD MACHINE INC.	Purchase Order No.	W- 87814
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Chart Serial No(s): 11423015011

L.P. Chart Serial No(s): 3261

A Survey of the captioned equipment in conjunction with the applicable General Arrangement drawings confirmed that the equipment was manufactured in accordance with the approved drawings.

NDE Records and test results were reviewed and are considered satisfactory. The NDE technicians qualifications and visual acuity records were reviewed and are considered satisfactory.

The captioned equipment has been reviewed, surveyed and tested for contemplated service on a rig classed by ABS. Subject to onboard test, all to the satisfaction of an attending Surveyor to this Bureau.

**(End of Report)**

**Surveyor(s) to The American Bureau of Shipping  
Attending Surveyors**

Garrett Johnny

Electronically Signed on 20-Jun-2013

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**Reviewed By**

Ginavan, Todd A

Electronically Signed on 20-Jun-2013, Houston Port

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