

**ABS****MISCELLANEOUS SURVEY REPORT**

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SURVEY OF:		
BALL VALVES		
Report No.: OS 962830 A	Date: 3 March 2008	Port: Oslo, Norway
Vessel's Name:		Class No:
Manufacturer: Skipper Electronics AS, Oslo, Norway		Mfg.No.: 012408
Purchaser: Kongsberg Defense & Aerospace		PO No./Hull No.: -
Location: Kongsberg, Norway		Rating (WP): 4 bar
Serial Number: 08117 - 08127	Weight:	Test Pressure: 6 bar
Material Test Report No. or Mill Sheets Verified: Verified		Service Use:
Drawing No. and Date Approved or for Multiple Drawing, Plan Approval Office: N/A		ABS Markings OS# A*B

THIS IS TO CERTIFY that the undersigned Surveyor to this Bureau attended for the above survey and reports as follows:

ELEVEN (11) BALL VALVES WITH INTERMEDIATE ELEMENT

Type SB-100-SB
Diameter 100 mm
Material TP316/TP316L

The valves were visually examined, hydrostatically tested and found acceptable.

A. N. Bech Surveyor, American Bureau of Shipping

Surveyor, American Bureau of Shipping

(If additional space is required, use other side of this form)

NOTE: This Report evidences compliance with one or more of the Rules, guides, standards or other criteria of 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 of material, equipment, machinery or any other item covered by this Report has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitations on the vessel's service or surveys. 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 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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Details of Survey (continued)

- Empty -

Surveyor, American Bureau of Shipping

Surveyor, American Bureau of Shipping

	YES	NO	N/A
1. Manufacture or finishing carried out according to:			
a) approved plans and to section ____ of the ABS Rules for	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Manufacturer's _____ specifications.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Testing carried out as required by Rules/Specifications and as reported herein	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Welding plans, procedures & welder qualifications have been reviewed as required by Rule/Specifications and as reported herein	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Nondestructive Examination was carried out as required by Rules/Specifications and as reported herein	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Calibration of testing/measuring equipment confirmed, with records maintained at facility or located _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Components stamped with report number and ABS markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. <i>Subject to satisfactory installation, testing and trials after installation onboard the vessel.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AB 113 Distribution

Purchaser Skipper Electronics 2
ABS Office @ 0
ABS Houston CDC 1
Local 1
Other _____

REVIEWED By:  March 2008 Oslo, Norway

Signature Date Port