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

Page 1 of 2

SURVEY OF:		
ETNST ECHO SOUNDER TRANSDUCER TANKS		
Report No.: OS 1008677	Date: 05. June 2008	Port: Oslo, Norway
Vessel's Name: -	Class No./ID/CID: -	
Manufacturer: Skipper Electronics AS- Oslo, Norway	Mfg.No.: 030808	
Purchaser/Builder/S.Y.: For Stock	PO No./Hull No.: -	
Location: Norway	Rating (WP/HP/KW): -	
Serial Number: -	Weight: -	Test Pressure: -
Material Test Report No. or Mill Sheets Verified: Reviewed	Service Use: Bottom fitting for Transducer	
Drawing No. and Date Approved or for Multiple Drawing, Plan Approval Office: TB-2002-Rev-00 ABS Certificate of Design Assessment No. 07-LD293357-PDA Date: 29-NOV-2007		ABS Markings A*B OS #


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

ECHO SOUNDER TRANSDUCER INSTALLATION TANK

FOUR (4) TRANSDUCER TANKS, TYPE ETNST

The tanks were examined in finished condition and found to be according to above drawing and the ABS Certificate of Design Assessment.

Surveyor, American Bureau of Shipping


T.Fuglei 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.

Report No. OS 1008677

Date: 05. June 2008

Page 2 of 2

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 4.6 of the ABS Rules for Building and Classing Steel vessels

☐ ☐ ☒

b) manufacturers specifications.

☒ ☐ ☐

2. Testing carried out as required by Rules/Specifications and as reported herein

☒ ☐ ☐

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

☐ ☐ ☒

4. Nondestructive Examination was carried out as required by Rules/Specifications and as reported herein

☐ ☐ ☒

5. Calibration of testing/measuring equipment confirmed, with records maintained at facility or located at works

☒ ☐ ☐

6. Components stamped with report number and ABS markings

☒ ☐ ☐

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

☒ ☐ ☐

AB 113 Distribution

Purchaser 2

ABS Office @ Destination 0

ABS Houston CDC 1

Local 1

Other

REVIEWED By:

Signature

June 2008

Date

Oslo, Norway

Port