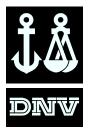
Certificate No OSL-11-4410



PRODUCT CERTIFICATE

Manufacturer:		SKIPPER Electronics AS				
Manufacturer's order No.:		75408				
Purchaser:		SAM Electronics GmbH Friensweg 4 22763 Hamburg Germany				
Purchaser's order No.:						
The product is intended for						
Yard:		(TBD)				
Yard No.:						
Name of vessel:		" "				
DNV Id. No.:		P261.1C				
THIS IS TO CERTIFY:						
that the product:		Bottom Penetration for Echo Sounder, Sonar or Log				
Type designation: Intended purpose:		SB-60-SA, DB-60-SA, SB-100-LAX_, DB100-SB, ETNSJB/ETNSLB-100mm The gate valve may be used in conjunction with installation of speed log or echo sounder				
Serial No(s):		11110				
Has been built and tested in accordance with the relevant DNV Rules for Classification: ☐ Ships ☐ Other standards:		ant requir ⊠ HSL		☐ Naval	⊠ Offshore	
Remarks (if more than one line,	rise bade 5).					
Tremano (il more than one line;	, use page 2).					
The product was marked: NV-OSL-11-4410		(On: Gate Valve			
This field is only to be filled in when the certification is based on a Manufacturing Survey Arrangement (MSA).		а	This Certificate is only valid when signed by a DNV surveyor.			
The undersigned manufacturer de been built and tested in accordance stated above and the conditions of Manufacturing Survey Arra Quality System Certificate	ce with the specification/standa eferred to in angement No: R-1948	ard	Surveyor.			
For Manufacturer:			For Det Norske Veritas AS			
Place: Oslo			Place: Høvik			
Date: 06.04.2011			Date: 2011-05-12			
Anders Karlstad			Thomas R. Jacobsen			
(title)			Surveyor			

Certificate No OSL-11-4410

Technical data:
Remarks: The valve housing has been subjected to a hydrostatic pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.
Marking and certificate numbers for the different parts:
Drawings with dates of approval and/or type approval certificate number: DNV S-6000

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: 20.92a Issue: October 2010 Page 2 of 2