

## DET NORSKE VERITAS PRODUCT CERTIFICATE

Certificate No N14018YF

for Valve

Particulars of Vendor and Pur	rchaser		
Vendor:		ctronics AS	
Vendor reference:	_ <del></del>		
Purchaser:			
Purchaser reference:			
Particulars of Product The product is intended for			
Yard:			
Yard No.:			
Name of Vessel:	" <u>"</u> "		
DNV Id. No.:			
THIS IS TO CERTIFY:			
that the product:	_Gate Valve	Gate Valve	
Type designation:	DB-100-SB	DB-100-SB	
Intended Purpose:		The gate valve may be used in conjunction with installation of speed log or echo sounder	
Serial/Tag no:	14274		
Has been found to comply with relevan DNV Rules for Classification: Ships  The product / material has been mar	and HSLC	ousing	
Issued at Oslo Maritime and CAP on	2014-07-09		
	ORSKE A	for <b>Det Norske Veritas AS</b>	
	* 1864 *	This document has been digitally signed and will therefore not have handwritten signatures.	
		Karlsen, Håkon	
		Surveyor	

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

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Linked Type approvals: S-8070		
Surveyor Supplementary information: The valve housing has been subjected to a hydro-static pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.		
Manufacturing Survey Arrangement No: R-2164		
Quality System Certificate No: TI151 ISO 9001:2008		

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Org.No. NO 945 748 931 MVA. Form No.: 71.03a Issue: 2013-11