



DET NORSKE VERITAS
PRODUCT CERTIFICATE
for Valve

Certificate No
N1402160

Particulars of Vendor and Purchaser

Vendor: Skipper Electronics AS
Vendor reference: _____
Purchaser: _____
Purchaser reference: _____

Particulars of Product

The product is intended for

Yard: -
Yard No.: -
Name of Vessel: "_"
DNV Id. No.: _____

THIS IS TO CERTIFY:

that the product: Gate Valve
Type designation: SB-200Echo
Intended Purpose: The gate valve may be used in conjunction with installation of speed log or echo sounder
Serial/Tag no: 14364

Has been found to comply with relevant requirements in:
DNV Rules for Classification: Ships and HSLC

The product / material has been marked: N1402160 on: Valve housing

Issued at **Oslo Maritime and CAP** on **2014-10-03**



for **Det Norske Veritas AS**

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.

Linked Type Approvals:

S-8173, Bottom Penetration for Echo Sounder, Sonar or Log

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