



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-100-SB**  
Intended Purpose: **The gate valve may be used in conjunction with installation of speed log or echo sounder**  
Serial/Tag no: **14334**

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-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**