



DET NORSKE VERITAS
PRODUCT CERTIFICATE
for Valve

Certificate No
N1402155

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: DB-100-SB
Intended Purpose: The gate valve may be used in conjunction with installation of speed log or echo sounder
Serial/Tag no: 14307

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

The product / material has been marked: N1402155 on: Valve housing

Issued at Oslo Maritime and CAP on 2014-08-27



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**