DET NORSKE VERITAS

PRODUCT CERTIFICATE
for Valve

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: **14086**

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

The product / material has been marked: N1400DW4 on: Valve housing

Issued at **Oslo Maritime and CAP** on **2014-03-17**

for **Det Norske Veritas AS**

This document has been digitally signed and will therefore not have handwritten signatures.

Karlsen, Håkon
Surveyor

Linked Type approvals:
S-6000

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: TI150 ISO 9001:2008