

# CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:  
**N1402WJ5**

## 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 GL Id No: \_\_\_\_\_

## This is to certify

that the product: **Gate Valve - Pressure reducing**

Type designation: **SB-100-SA**

Application/context: **The gate valve may be used in conjunction with installation of speed log or echo sounder**

Serial/tag no: **14405**

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

**The product / material has been marked: N1402WJ5 on: Valve housing**


Issued at **Oslo Maritime and CAP** on **2014-11-13**



for **DNV GL**

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

**Karlson, Håkon**  
**Surveyor**



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**Linked Type Approvals:**

S-8070, 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**