

# CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:  
**N1402WM5**

## 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: **DB-100-SA**  
Application/context: **The gate valve may be used in conjunction with  
installation of speed log or echo sounder**  
Serial/tag no: **14478**

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

**The product / material has been marked: N1402WM5 on: Valve housing**


Issued at **Oslo Maritime and CAP** on **2015-01-05**



for **DNV GL**

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

**Karlson, Håkon**  
**Surveyor**



Certificate No: **N1402WM5**

**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**