

**CERTIFICATE**  
FOR VALVE - PRESSURE REDUCINGCertificate No:  
**N141AN53****This is to certify**

that the product: **Valve**  
Type designation: **SB-60-F1**  
Application/context: **The valve may be used in conjunction with  
installation of speed log or echo sounder**  
Serial/tag no: **16258**

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

The product is intended for

Yard: -  
Yard No: -  
Name of vessel: **STOCK**  
DNV GL Id No: -

**The product / material has been marked: N141AN53 on: Valve housing**

**Particulars of Vendor and Purchaser**

Vendor: **Skipper Electronics AS**  
Vendor reference: \_\_\_\_\_  
Purchaser: \_\_\_\_\_  
Purchaser reference: \_\_\_\_\_


Issued at **Station Oslo Maritime and CAP** on **2016-10-05**



for **DNV GL**

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

**Karlsen, Håkon**  
**Surveyor**



Certificate No: **N141AN53**

**Linked Type Approvals:**

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**