

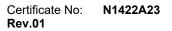
## CERTIFICATE FOR VALVE - PRESSURE REDUCING

2 x Valve Assembly
SB-60-SA / SB-100-SB
The valve may be used in conjunction with installation of speed log or echo sounder
20336 21050
requirements in: assification: Ships (2019-07)
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STOCK
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ed: N1422A23 on: Valve housing
haser
Skipper Electronics AS
Valve certificates 14 12 2020
021-04-20
SAFEGUARDING for DNV
for DNV This document has been digitally signed and will therefore not have handwritten signatures Karlsen, Håkon

Karlsen, Håkon Surveyor

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.







## Linked Type Approvals:

TAS00001J9, Bottom Penetration for Echo Sounder, Sonar or Log

## Surveyor Supplementary information:

21050 - Type Designation SB-100-SB 20336 - Type Designation SB-60-SA

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: MSARC0000B3Z

Quality System Certificate No: TI151 ISO 9001:2015