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_- -. . Certificate No: N141AN59 Rev.01

This is to certify	
that the product:	Valve
Type designation:	SB-100-LB
Application/context:	The valve may be used in conjunction with installation of speed log or echo sounder
Serial/tag no:	16264
Has been found to comply with relevan DNV Rules for Classification: Ships	

The product is intended for	
Yard:	
Yard No:	
Name of vessel:	STOCK
DNV GL Id No:	

The product / material has been marked: N141AN59 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 2016-10-25



for DNV GL

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

> Karlsen, Håkon Surveyor

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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