

## DET NORSKE VERITAS

## PRODUCT CERTIFICATE

Manufacturer:	SKIPPER Electronics AS
Manufacturer's order No.:	
Purchaser:	TBD
Purchaser's order No.:	
The product is intended for	
Yard:	(TBD)
Yard No.:	
Name of vessel:	" "
DNV Id. No.:	P261.1C
THIS IS TO CERTIFY:	
that the product:	Bottom Penetration for Echo Sounder, Sonar or Log
Type designation: Intended purpose: Serial No(s): Has been built and tested in accordance with the relev	SB-60-LA_X_, DB-60-SA, SB-100-SA, DB100-SB, ETNSJB/ETNSLB-100mm The gate valve may be used in conjunction with installation of speed log or echo sounder 13133
DNV Rules for Classification: Ships	I HSLC I Naval I Offshore
☐ Other standards:	
Remarks (if more than one line, use page 2):	
The product was marked: NV-OSL-13-4433	On: Gate Valve
The product was marked: NV-OSL-13-4433 This field is only to be filled in when the certification is based or Manufacturing Survey Arrangement (MSA). The undersigned manufacturer declares that the product/syster been built and tested in accordance with the specification/stand stated above and the conditions referred to in Manufacturing Survey Arrangement No: R-1948	<ul> <li>This Certificate is only valid when signed by a DNV surveyor.</li> </ul>
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Technical data:

Remarks:

The valve housing has been subjected to a hydrostatic pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.

Marking and certificate numbers for the different parts:

Drawings with dates of approval and/or type approval certificate number: **DNV S-6000**