

DET NORSKE VERITAS

Certificate No OSL-13-4333

PRODUCT CERTIFICATE

Manufacturer:	SKIPPER Electronics AS
Manufacturer's order No.:	
Purchaser:	
Purchaser's order No.:	
The product is intended for	
Yard:	(TBD)
Yard No.:	
Name of vessel:	и 11
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):	SB-60-SA, DB-60-SA, SB-100-SBX_, DB-100-SB, ETNSJB/ETNSLB-100mm The gate valve may be used in conjunction with installation of speed log or echo sounder 13033
Has been built and tested in accordance with the rele	evant requirements of:
DNV Rules for Classification: Ships	
DNV Rules for Classification:	
Other standards:	
Other standards: Remarks (if more than one line, use page 2): The product was marked: NV-OSL-13-4333	On: Gate Valve
Other standards:	On: Gate Valve This Certificate is only valid when signed by a DNV surveyor. em has idard
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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		

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