

DET NORSKE VERITAS

Certificate No OSL-11-4755

PRODUCT CERTIFICATE

nufacturer: SKIPPER		ER Electronics AS		
Manufacturer's order No.:	80649			
Purchaser:	SAM			
Purchaser's order No.:				
The product is intended for				
Yard:	(TBD)	(TBD) " " P261.1C		
Yard No.:				
Name of vessel:	"			
DNV Id. No.:	P261.10			
THIS IS TO CERTIFY:				
that the product:		n Penetration for Echo Sounde	r, Sonar or Log	
Type designation: Intended purpose: Serial No(s):	ETNSJ The ga	SB-60-LA_X_, DB-60-SA, SB-100-SB, DB-100-SB, ETNSJB/ETNSLB-100mm The gate valve may be used in conjunction with installation of speed log or echo sounder 11455		
Has been built and tested in accordance	with the relevant requi	rements of:		
Has been built and tested in accordance DNV Rules for Classification: ⊠ Ships	•			
DNV Rules for Classification:	•			
DNV Rules for Classification: ☐ Othe Remarks (if more than one line, use page	s ⊠ HS r standards:	SLC Naval	☑ Offshore	
DNV Rules for Classification: Othe Remarks (if more than one line, use page) The product was marked: NV-OSL-11-478	s MS r standards: 2 2):	On: Gate Valve		
DNV Rules for Classification: ☐ Othe Remarks (if more than one line, use page	s MS r standards: 2 2): 55 eation is based on a ne product/system has pecification/standard No: R-1948	SLC Naval		
DNV Rules for Classification: Ships Othe Remarks (if more than one line, use page) The product was marked: NV-OSL-11-479 This field is only to be filled in when the certific Manufacturing Survey Arrangement (MSA). The undersigned manufacturer declares that the been built and tested in accordance with the systated above and the conditions referred to in Manufacturing Survey Arrangement.	s MS r standards: 2 2): 55 eation is based on a ne product/system has pecification/standard No: R-1948	On: Gate Valve This Certificate is only valid surveyor.		
DNV Rules for Classification: Ships Othe Remarks (if more than one line, use page) The product was marked: NV-OSL-11-478 This field is only to be filled in when the certific Manufacturing Survey Arrangement (MSA). The undersigned manufacturer declares that the been built and tested in accordance with the systated above and the conditions referred to in Manufacturing Survey Arrangement Quality System Certificate No: TI 15	s MS r standards: 2 2): 55 eation is based on a ne product/system has pecification/standard No: R-1948	On: Gate Valve This Certificate is only valid surveyor.	when signed by a DNV	
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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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