

## DET NORSKE VERITAS

Certificate No OSL-11-4634

## PRODUCT CERTIFICATE

Manufacturer:	SKIPPER Electronics AS
Manufacturer's order No.:	80046
Purchaser:	L-3 Com-Klein
Purchaser's order No.:	
The product is intended for	
Yard:	(TBD)
Yard No.:	
Name of vessel:	11 29
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-SAX_, DB-100-SB, ETNSJB/ETNSLB-100mm The gate valve may be used in conjunction with installation of speed log or echo sounder 11334
Has been built and tested in accordance with the relev	vant requirements of:
DNV Rules for Classification:  ☐ Ships ☐ Other standards:	
☐ Other standards:	☐ HSLC ☐ Naval ☐ Offshore
Other standards:  Remarks (if more than one line, use page 2):	
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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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