

DET NORSKE VERITAS

Certificate No.: NV OSL 07 4514

PRODUCT CERTIFICATE

THIS IS TO CERTI	FY THAT:					
Product description:	Gate valve 100mm					
Type designation:	ETNSJB/ETNSLB-100mmx SB-100-ECHO/DL/EMLDB-100-ECHO/DL/EML					
Serial No:	07214	Marking:	NV OSL 07 45	14		
Manufactured by:	SKIPPER ELEC	TPONICS AS				
(manufacturer and location)	SKIPPER ELECTRONICS AS					
Ordered by (customer):	KONGSBERG MARITIME AS CARPUS 3616 KONGSBERG					
Customer reference:	RH-70594					
Intended for:						
Conforms with the follo	owing specification/s certificates form no. 40.91	tandard:				
		and mobile offshore unit	s			
Remarks/test results: OK						
OK						
If marked :	x, see encl.			Λ		
For Det Norske Verita	as AS			A ASKED		
				01/1/1		
OSLC Place	**************	17.09.2007.				
				Surveyor VSLO		
Declaration by manufa The undersigned manu	cturer (when applica	ble) at the specified product has bee	up built and tooted i	a conformity with the		
specification/standard	stated above and the	conditions referred to in:	in built and tested i	n comornity with the		
Type Approval Certifica	ate No.:	S - 4612				
Quality System Certific	eate No.:	TI 151,NS-EN ISO 9001:20	000			
Manufacturing Survey Arrangement No.: R - 1948						
This Product Certificate stipulated in the Manuf	e is valid only when e acturing Survey Arra	endorsed by a DNV Surveyor. T ngement for the product in que	he endorsement is	a statement that the conditions		
Manufacturer:	,	o and an area production que	out nave been een	inplied with.		
				1		
OSLO)	17.09.2007	pr	. SKIPPER Electropies A/S		
Place		Date		Anders Karlstad		
				Name		

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, efficers, employees, agents and any other acting on behalf of Det Norske Veritas.



DET NORSKE VERITAS Certificate NV OSL 07 4597

PRODUCT CERTIFICATE

THIS IS TO CERTIF	THIS IS TO CERTIFY THAT:				
Product description:	Bottom Penetra	tion for Echo Sounder, Sonar or Log			
Type designation: PCSV60-65mm_		, SB-60-SA, DB-60-xx			
Serial No:	07297	B-100mmx, SB-100-SA, DB-100 Marking: NV OSL 07 459			
Manufactured by: (manufacturer and location)	SKIPPER Electro	way			
Ordered by (customer):	KONGSBERG M	ARITIME AS 3601 KONGSBERG			
Customer reference:	ORDRE NO.: RH 71744				
Intended for:					
Conforms with the folk					
DNV Rules for Clas	ssification of ship	and mobile offshore units			
Remarks/test results: OK					
☐ If marked x, see	encl.		ASKE D		
For Det Norske Verita			135 A		
OSLO Place		27.11.2007. Date	OSLO		
			✓ Surveyor		
Declaration by manufa The undersigned man stated above and the	ufacturer declares th	at the specified product has been built and tested	I in conformity with the specification/standard		
Type Approval Certificate No.:		S - 4867			
Quality System Certific	cate No.:	TI 151,NS-EN ISO 9001:2000			
Manufacturing Survey	Arrangement No.:	R - 1948			
This Product Certificat in the Manufacturing S	e is valid only when Survey Arrangement	endorsed by a DNV Surveyor. The endorsement for the product in question have been complied w	is a statement that the conditions stipulated vith.		
Manufacturer: Ski	pper Electronics		A.)		
OSLO		27.11.2007	pr.(SKIPPER Blectronics A/S		
Place	The second of th	Date	Anders Karlstad Name		
damade, However, the compensation shall	I not exceed an amount equal to	by any negligent act or omission of Det Norske Veritas, then Det Norske Verit ten times the fee charged for the service in question, provided that the maximus e Veritas as well as all its subsidiaries, directors, officers, employees, agents a	Im companyation shall naver avased LICD 2 million		