

## **DET NORSKE VERITAS**

Certificate No.: NV OSL 06 4433

## PRODUCT CERTIFICATE

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	THIS IS TO CERTIFY THAT:									
	Product description:	Gate valve 100	mm							
	Type designation:	ETNSJB/ETNS	LB-100mm _	_X SB-100-l	ECHO/DL/EML_	DB-10	00-ECHO/DL/EMI	L		
	Serial No:	06133		Marking:	NV OSL 06 44	33				
	Manufactured by: (manufacturer and location)	SKIPPER Elect	ronics AS							
	Ordered by (customer):	KONGSBERG MARITIME P.O.BOKS 3616 KONGSBERG								
	Customer reference:	ORDRE NO.: R	H - 51464							
	intended for:									
	Conforms with the following specification/standard:									
	(if necessary use Appendix to certificates form no. 40.91a)									
	DNV Rules for Classification of ship and mobile offshore units									
	Remarks/test results:  OK									
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	If marked x	, see enci.								
For Det Norske Veritas AS			9.		ORSKE	L	1			
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œ	OSLO Place		***************************************	05.10.2006. Date	S CON	95	- Bril			
	i idoc			Date	1864	*	Surveyor			
	Declaration by manufac	turor (whom applies	able)		OSLO					
Declaration by manufacturer (when applicable)  The undersigned manufacturer declares that the specified product has been built and tested in conformity with the										
specification/standard stated above and the conditions referred to in:										
	Type Approval Certifica	te No.:	S - 4612							
Quality System Certificate No.:			TI 151,NS-EN ISO 9001:2000							
	Manufacturing Survey A	Arrangement No.:	R - 1948							
	This Product Certificate stipulated in the Manufa	is valid only when acturing Survey Arr	endorsed by a l angement for th	DNV Surveyor. 7 e product in que	he endorsement is	a stateme	า nt that the condition า.	s		
	Manufacturer:					-				
	mananara,					٨	ER Electron	ice Ma		
	OSLO			05.10.2006		CKIPS	FINE X	<i>l L c</i>		
**	Place			Date	b	I. OCCUP	Anders Karista	d		
						· ·	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, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



## **DET NORSKE VERITAS**

Certificate No.: NV OSL 06 4460

## **PRODUCT CERTIFICATE**

	THIS IS TO CERTIF	Y THAT:							
	Product description: Gate valve 100mm								
	Type designation:	ETNSJB/ETNSLB	-100mmX S	B-100-E0	CHO/DL/EML	DB-100-ECHO/DL/EML			
	Serial No:	06160	Ma	rking:	NV OSL 06 4	460			
	Manufactured by: (manufacturer and location)	SKIPPER Electro	nìcs AS						
	Ordered by (customer):	KONGSBERG MA	ARITIME AS 361	60 KON	GSBERG				
	Customer reference:	ORDRE Nr.: RH -	54394						
	Intended for:								
	Conforms with the follo	wing specification/star certificates form no. 40.91a)	ndard:						
	DNV Rules for Classification of ship and mobile offshore units								
	Remarks/test results: OK								
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	If marked x	, see encl.				OSKE P			
	For Det Norske Verita	s AS							
	OSLO		14.11	1.2006.		O.W. Hale grant			
1.7655	Place	-	• • • • • • • • • • • • • • • • • • • •	Date		OSLO			
	Dealersties by several					Surveyor			
Declaration by manufacturer (when applicable)  The undersigned manufacturer declares that the specified product has been built and tested in conformity with the specification/standard stated above and the conditions referred to in:									
	Type Approval Certifica	te No.:	6 - 4612						
	Quality System Certifica	ate No.:	TI 151,NS-EN ISO	9001:200	0				
	Manufacturing Survey Arrangement No.: R - 1948								
	This Product Certificate stipulated in the Manufa	is valid only when en acturing Survey Arrang	dorsed by a DNV Su gement for the produ	rveyor. The	e endorsement i ion have been c	s a statement that the conditions omplied with.			
	Manufacturer:								
						A man Electronics A/S			
	OSLO			1.2006		or skiptelia fouldad			
	Place		D	ate	NAN 1 164 6 (1000) (10 (1000))	Anders Karlstad Name			
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