

KTR-N 24305 EN Sheet: 1 of 5 Edition: 1

Company: Address:	
Phone: Name: E-mail:	Department: Date:
1. Important Project Information Project title: Ship Type: (Marine, Civil, etc.) Classification Society and Class:	DNV (Standard) Bureau Veritas Other
2. SBT Part Types Braking System:	☐ Electromechanical active ☐ Electromechanical passive ☐ Hydraulic active ☐ Hydraulic passive ☐ Manual ☐ Not required
Locking System: Turning System:	☐ Electromechanical ☐ Hydraulic ☐ Manual ☐ Not required ☐ Electromechanical ☐ Hydraulic ☐ Manual ☐ Not required
3. Environmental Conditions: Ambient temp. in operation, max.: Ambient temp. in operation, min.: Control Cabinet Material Control Cabinet Colour IP Protection Rate Additional information: (shock, vibration, corrosive environments etc)	T _{max} T _{min} Standard Steel powder coated Standard RAL 7035 other: Standard IP 65 others
4. Electrical Supply: Power supply for SBT Control Unit and components: Control signals/voltage: Output signals/voltage: UPS for control signals an SBT PLC?	Standard 400VAC / 50Hz Special voltage: UDC UAC UAC V Standard 24VDC Other Potential free (Standard) Other Yes No (Standard)

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Questionnaire KTR-Group Dimensioning of Stop Block Turn Systems Control Unit Edition:

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5. Remote Control /Inp	out Signals		•	
Release Brake:	☐ Priority	Yes / Quantity		_
Apply Brake:	☐ Priority	Yes / Quantity	":	_ No
Turn CW:	Priority	☐ Yes / Quantity	r:	☐ No
Turn CCW:	☐ Priority	☐ Yes / Quantity	r:	_ □ No
Engage Lock:	Priority	☐ Yes / Quantity	r:	_
Disengage Lock:	☐ Priority	☐ Yes / Quantity	r:	_ No
Interlock Brake:		☐ Yes / Quantity	r:	_ No
Interlock Turn:		Yes / Quantity	:	_ No
Interlock Lock:		☐ Yes / Quantity	:	_ No
ACK:		☐ Yes / Quantity	r:	_ No
6. Remote Feedback /C	Output Signals			
	Ship Control System		Alarm and Monitori	ng System (AMS)
Brake released:	Yes / Quantity:		☐ Yes / Quantity:	
Diane released.	□ No		□ No	
Brake applied:	Yes / Quantity:		Yes / Quantity:	
	☐ No		□ No	
Lock pin disengaged:	☐ Yes / Quantity: ☐ No		☐ Yes / Quantity: ☐ No	
	☐ Yes / Quantity:		Yes / Quantity:	
Lock pin engaged:	□ No		☐ No	
Turn pinion disengaged:	Yes / Quantity:		☐ Yes / Quantity:	
ram pililon alcongagoa.	□ No		□ No	
Turn pinion engaged:	Yes / Quantity:		Yes / Quantity:	
	☐ No☐ Yes / Quantity:		☐ No☐ Yes / Quantity:	
System fault:	☐ No		□ No	
Land Maria and a	Yes / Quantity:		Yes / Quantity:	
Local Mode active:	□ No		☐ No	
Remote Mode active:	Yes / Quantity:		☐ Yes / Quantity:	
remote wode delive.	☐ No		☐ No	
	Special o	customer signals		
	Ship Control System		Alarm and Monitori	ng System (AMS)
	Yes / Quantity:		☐ Yes / Quantity:	
	No		☐ No	
	Yes / Quantity:		☐ Yes / Quantity:	
	☐ No		☐ No	

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7. Local Control Interface

Control Cabinet Front Panel

Control (Push Button)			Status (Signal Lamp)		
Release Brake: Apply Brake:	☐ Yes ☐ Yes	☐ No ☐ No	Brake released: Brake applied:	☐ Yes ☐ Yes	□ No
Turn CW: Turn CCW:	☐ Yes ☐ Yes	□ No □ No	Turn pinion disengaged: Turn pinion engaged:	☐ Yes ☐ Yes	☐ No ☐ No
Disengage lock pin: Engage lock pin:	☐ Yes ☐ Yes	□ No □ No	Lock pin disengaged: Lock pin engaged:	☐ Yes ☐ Yes	☐ No ☐ No
Operation Mode Switch:	☐ Yes	□ No	Operation Mode Local: Operation Mode Remote: Operation Mode HOP:	☐ Yes ☐ Yes ☐ Yes	 No No No
			Brake Interlock: Turn Interlock: Lock Interlock:	☐ Yes ☐ Yes ☐ Yes	 No No No
Acknowledge:	☐ Yes	□ No	System fault / Error:	☐ Yes	☐ No
	L	IOP Hand O	peration Panel		
	Please sel		six control and six status options		
Control (Pu	Please sel		six control and six status options	gnal Lamp)	
Control (Pu Release Brake: Apply Brake:	Please sel		six control and six status options	gnal Lamp) ☐ Yes ☐ Yes	□ No
Release Brake:	Please sel	ect a maximum of	six control and six status options Status (Sig Brake released:	☐ Yes	
Release Brake: Apply Brake: Turn CW:	Please sel	ect a maximum of No No No	Six control and six status options Status (Sig Brake released: Brake applied: Turn pinion disengaged:	☐ Yes ☐ Yes ☐ Yes	□ No
Release Brake: Apply Brake: Turn CW: Turn CCW: Disengage lock pin:	Please sel sh Button) Yes Yes Yes Yes Yes Yes Yes	Cect a maximum of No No No No No No	Six control and six status options Status (Sig Brake released: Brake applied: Turn pinion disengaged: Turn pinion engaged: Lock pin disengaged:	☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes	No No No No
Release Brake: Apply Brake: Turn CW: Turn CCW: Disengage lock pin:	Please sel sh Button) Yes Yes Yes Yes Yes Yes Yes	Cect a maximum of No No No No No No	Brake released: Brake applied: Turn pinion disengaged: Turn pinion engaged: Lock pin disengaged: Lock pin dengaged: Operation Mode Local: Operation Mode Remote:	 ☐ Yes 	NoNoNoNoNoNoNoNoNoNo

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8. Performance / Safety Level

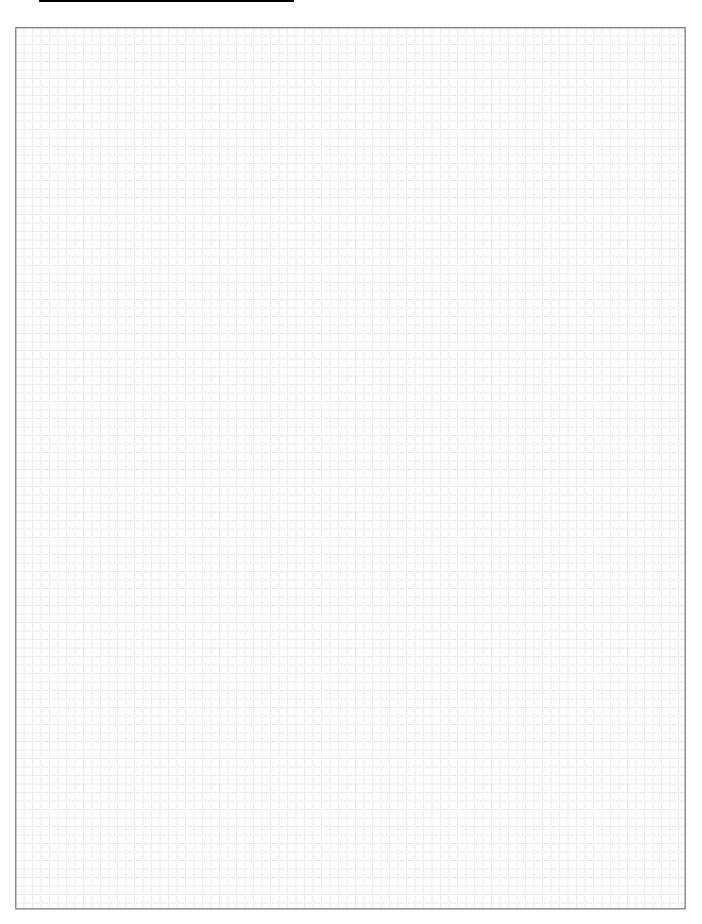
Performance Level DIN EN ISO 13849	D: Level a Level b Level c Level d Level e
9. Special System functions	
Brake System:	Quick apply (only for hydraulic brake system)
Lock System:	☐ Sensitive Locking
Turn System:	☐ Softstart (only for electromechanical turn system)
10. Electrical Wiring, Marking etc	
Single wire types:	☐ Yes (Standard) ☐ Other H07Z-K 90°C/H05Z-K 90°C
Single wire marking: Connection cable with shielding:	☐ Yes ☐ No ☐ No ☐ No
Others (e.g. language, etc.):	
11. Documentation and QM-requi	rements_
 □ PLC Program: □ PLC Programming Software: □ initial sample test report: □ Circuit diagram: □ Electrical test report: □ Others: 	Yes No Yes No Yes No Yes No Yes No
12. <u>Miscellaneous</u>	
Special features of the application knowns Special customer requests: Competitive products known: Installation Space requested/available: Preferable CAD model Special standards to meet: Further information:	
11. Documentation and QM-required PLC Program: PLC Programming Software: initial sample test report: Circuit diagram: Electrical test report: Others: 12. Miscellaneous Special features of the application known Special customer requests: Competitive products known: Installation Space requested/available: Preferable CAD model Special standards to meet:	Yes

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13. Sketches / Photos of the Application



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