



VESSEL CONTROL SPECIFICATION

QUOTE No _____

PROJECT DETAILS

Shipyard

Company: _____
 Contact: _____
 Address: _____

 Tel: _____
 Fax: _____
 email: _____

Purchaser / Agent

Company: _____
 Contact: _____
 Address: _____

 Tel: _____
 Fax: _____
 email: _____

Owner

Company: _____
 Contact: _____
 Address: _____

 Tel: _____
 Fax: _____
 email: _____
 Ref. #: _____
 PO #: _____
 Ship Date: _____
 Ship To: _____

VESSEL DETAILS

Vessel Type: _____
 Hull Type: _____
 Length: _____
 Beam: _____
 Draft: _____
 Deadrise: _____
 Displacement: _____
 Est. Top Speed: _____
 Est. Cruise Speed: _____
 Est. Min Speed: _____

Vessel Name: _____
 Model Name: _____
 Year Built: _____
 Hull Number: _____
 IMO Number: _____
 Regulatory Body: _____
 Class: _____
 Class Notations: _____



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Controls		
Manufacturer:	Type:	
	<input type="checkbox"/> Electric	<input type="checkbox"/> Pneumatic
	<input type="checkbox"/> Single Lever	<input type="checkbox"/> Separate Pitch/RPM
	<input type="checkbox"/> Variable RPM	<input type="checkbox"/> Constant RPM
	<input type="checkbox"/> Shaft Generator	Hp Or kW
Bridge Stations	Number Inside	Number Outside
Engine Control Room Station	<input type="checkbox"/>	
Local Control Station	<input type="checkbox"/> Full Function	<input type="checkbox"/> Manual <input type="checkbox"/> None
Main Engines		
Manufacturer:	Qty	Hp / kW Each
	P/N	
<input type="checkbox"/> Unidirectional		<input type="checkbox"/> Direct reversing
Operating Speed Range		Barred Speed Range
Governor Type		P/N
<input type="checkbox"/> Engine Power Curves Available		<input type="checkbox"/> Vessel Running Data Available
Existing Safety System	<input type="checkbox"/> Shutdowns	<input type="checkbox"/> Start Interlocks
Gear Box		
Manufacturer:	Qty	Reduction Ratio:
	P/N	
<input type="checkbox"/> Reversing	<input type="checkbox"/> Unidirectional	



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Clutches		
Manufacturer	Qty	
	P/N	
Type	<input type="checkbox"/> Air <input type="checkbox"/> Hydraulic	Operating Pressure:
Engagement Service	<input type="checkbox"/> Frequent <input type="checkbox"/> Infrequent	Pipe Size:
<input type="checkbox"/> Slip clutch	Pressure range	
Existing Safety System	<input type="checkbox"/> Automatic De-Clutches	<input type="checkbox"/> Engage Interlocks
Propeller		
Manufacturer	Qty	Operating Pressure
	P/N	
Type	<input type="checkbox"/> Fixed pitch <input type="checkbox"/> Controllable pitch	
Existing Pitch Setting Device	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Pneumatic
	<input type="checkbox"/> Solenoid	<input type="checkbox"/> Elec Servo
<input type="checkbox"/> Existing Load Control	<input type="checkbox"/> Power Curves	<input type="checkbox"/> Vessel Running Data
Shaft Brake		
Manufacturer	Qty	Operating Pressure
	P/N	
Type	<input type="checkbox"/> Air <input type="checkbox"/> Hydraulic	<input type="checkbox"/> Spring set <input type="checkbox"/> Control set
Service	<input type="checkbox"/> Holding	
	<input type="checkbox"/> Maneuvering	



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Bridge controls			
	Number of bridge stations		
	Electric	MCH-E	PCH-E
	Electric shaft	MCH-ES	PCH-ES
	Integral telegraph		PCH-EST
	Flush mounting plate wired to internal terminal strip		
Engine Control Room			
	Electric	MCH-E	PCH-E
	Electric shaft	MCH-ES	PCH-ES
	Integral telegraph		PCH-EST
	Integral pneumatic for ball head back-up		PCH-V-ES
	Manual Operation	Jog mode for pitch	
		Jog mode for RPM	
		Redundant pitch setting	c/w manual changeover
Instrumentation			
	Shaft RPM sensor and meters	qty	
	Engine RPM sensor and meters	qty	
	Pitch sensor and meters	qty	
	Analog Indicators load, man press	qty	
	Software	Load sharing	
		Load control	
		Manifold smoke limiting	
		Torque limit	
		Twin screw synchronizer	
		Station potentiometer monitoring	
		Pitch Solenoid monitoring	