



APPROVAL DATA REQUEST Marine Crane

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Company Name	
Company Address	
Contact Person	
Phone	
Email	
Customer Project n°	
Crane Model	
SWL (ton) max	
Operator Position	<input type="checkbox"/> Under <input type="checkbox"/> Above
Slew Bearing Ref.	

State of Project at Body	<input type="checkbox"/> Not Yet (Pendant) <input type="checkbox"/> Open (WIP) <input type="checkbox"/> Not Required
ID (Body/Class Project Code)	
Hull n°	
IMO n°	
Vessel name	
Design Temperature TD (C°)	
Product Classification	<input type="checkbox"/> Shipboard <input type="checkbox"/> OffShore
Lift Classification (FEM 1.001)	
Reference Rules/Guidelines	

Remark:

If the Project **is Pendant** and Design Approval Letter or Product Certificate is required, the customer considers and accept the risk, assuming the responsibility of raw material, production and certification costs, including the risk of pieces rejection.

a. Service REQUEST:

<input type="checkbox"/> a.1 Design Approval Letter:	<input type="checkbox"/> Type Approval	<input type="checkbox"/> Case by Case	<input type="checkbox"/> Not Required
<input type="checkbox"/> a.2 Body (surveyor) Product Certificate:	<input type="checkbox"/> Raw Material (3.2)	<input type="checkbox"/> Final Inspection (3.2)	
<input type="checkbox"/> a.3 Work (manufacturer) Product Certificate:	<input type="checkbox"/> Raw Material (3.1)	<input type="checkbox"/> Final Inspection (3.1)	
<input type="checkbox"/> a.4 Design, Calculation and Verification:	<input type="checkbox"/> Dossier of Calculation		

b. Slew Bearing LOAD (Raceway & Fitting Systems):

Operational Loads	Fa (KN)	Fr (KN)	Mt (KNm)
Working Loads			
Test Loads			
Extreme Loads			
Pedestal factored Loads			
API2C for Bolts			

Lifetime Spectrum	%	rpm	Fa (KN)	Fr (KN)	Mt (KNm)
1-					
2-					
3-					
4-					
5-					
6-					

(Factored Load according ref. rules) Remaks: _____

c. Gear LOAD (Power Transmission Systems):

Operational Loads	Mz (KNm)
Normal	
Max (Short Time)	
Survival	

Lifetime Spectrum	%	rpm	Mz (KNm)
1-			
2-			
3-			
4-			
5-			
6-			

d. Geometry (Power Transmission Systems):

	N°	Material	Heat Treatment	Modul	Pressure Angle (α)	Helix Angle (β)	Teeth n° (Z)	Profile Correction (xm-mm)	Truncation (km-mm)	Tooth face width (b-mm)
Pinion										

Date: _____

Sign for Approval: _____