

Engine Room Pre-ARRIVAL Checklist - **U.S.A Waters**

Issue No:	6	Amendment No:	-
Issue Date:	12 - 2015	Amendment Date:	-

Ship:		Checks performed by	Name:		Date:	
Port:			Rank:		Time:	

Equipment Checks and Tests – Ready for Use - CFR 33 164.25 (to be completed within 12hrs prior to entry)		✓
• Engineer and / or Motorman or Wiper informed of stand-by time:		
Propulsion Equipment		
• M/E wrong way / wrong pitch alarm (if applicable)		
• M/E telegraph (Ahead / Astern) and RPM indicators		
• Air supply system in order		
• Fuel supply system in order		
• Lube oil system in order		
• Cooling water system in order		
Manoeuvring Equipment		
• Steering gear (use checklist on Page 2)		
• Variable pitch propeller controls, emergency controls, pitch indicators on control unit		
Generators		
• Sufficient (backup) power available / 2 generators online (as applicable), shaft generator stopped		
• Auxiliary engines air supply system in working order		
• Auxiliary engines fuel supply system in working order		
• Auxiliary engines lube oil supply system in working order		
• Auxiliary engines cooling water supply system in working order		
Communications and Signalling Equipment		
• Test communication equipment in engine control room / station		
• Synchronise Clocks with Bridge.		
Other		
• Inlets / outlets of bilge water separator, sewage system, ballast system, fresh water generator closed and tagged		
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After checking and ticking in the appropriate column to confirm that the item has been checked, a formal written entry is to be made in the Engine Log Book as follows: "[Time]: Pre-Arrival checks completed in accordance with form ER-PAC- USA Waters". The log book entry must be **initialled by the Chief Engineer**.

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SOLAS Steering Gear Checks (Bridge & Steering Gear Room) (to be completed within 48hrs prior to entry)		✓
Check communications from steering flat to bridge		
• Telephone		
• Talk-back system		
• Powerless telephone (if fitted)		
Visual inspection of steering gear and linkage		
• Visual check of steering gear for broken / damaged parts, leaks, status of greasing		
Main steering gear		
• Check pumps for correct operation and observe parameters		
Auxiliary steering gear, if fitted		
• Performance of unit 1 and 2 of auxiliary steering gear		
Full rudder movement		
• Observe proper operation of the system during full rudder movement		
Rudder angle indicators / actual rudder position		
• Confirm with the bridge the set rudder angle (10, 15, 20 etc.) showing on local indicator		
Emergency power supply		
• Check if pump (e.g. 2) is in service		
Automatic isolating arrangements (if fitted)		
• Standby mode to be checked		
Other automatic equipment (i.e. auto change-over)		
• This check should be made when testing power failure alarm		
- No Voltage		
- Phase fail		
- Hydraulic tank oil level		
- Hydraulic lock		
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A laminated copy is to be kept in the Engine (Control) Room and used with the Engine Log Book