



## TGM 2.10.7 A1 Engine pre arrival

Valid for: Revision: 3 Date: 2020-06-15  
Vessel Management – Business Unit  
Author: Reviewed by: Approved by:  
Technical Support & Innovation HoD Technical Support & Innovation CTO

<b>Vessel</b> :	RIVERSIDE	<b>Bunker Type</b> :	LSMGO
<b>Flag</b> :	MALTA	<b>Quantity</b> :	AS PER ROB
<b>Port</b> :	CORPUS CAROLI	<b>Time Commenced</b> :	
<b>Terminal</b> :		<b>Time Completed</b> :	

For vessels fitted with scrubber: Check with wheel house for local port state requirements, stop scrubber operation and switch to compliant fuel or change scrubber to appropriate operation mode as applicable.

Amend, alter or delete items as need to render checklist ship specific.

Item	Checkpoint	Conformance	Non-conformance
<b>Arrival checklist</b>			
<b>Steering gear test – Prior-arrival as per USCG 33 CFR 164.25</b>			
33 CFR 164.25 – Before entering, the following equipment shall be tested:			
1.	Primary and secondary steering gear. The test procedures include a visual inspection of the steering gear and its connection linkages and where applicable, the operation of the following		
	Each remote steering gear control system	✓	
	Each steering position located on the navigational bridge	✓	
	The main steering gear from alternate power supply, if installed	✓	

Item	Checkpoint	Conformance	Non-conformance
	Each rudder angle indicator in relation to the actual position of the rudder	✓	
	Each remote steering gear control system power failure alarm	✓	
	Each remote steering gear power failure alarm	✓	
	The full movement of the rudder to the required capabilities of the steering gear	✓	
	All internal vessel control communications and vessel control alarms	✓	
	Standby or emergency generator, for as long as necessary to show proper functioning, including steady state temperature and pressure readings	✓	
	Storage batteries for emergency lighting and power systems in vessel control and propulsion machinery spaces	✓	
	Main propulsion machinery, ahead and astern	✓	
<b>Inert Gas System (as applicable)</b>			
1.	Inert gas plant must be started 2 hours prior going alongside the berth or making fast on SBM when proceeding for discharging operations, and to ensure that the parameters are stabilised.  In case vessel is proceeding for berthing from anchorage and time is less than 2 hours, inert gas plant must be started before departure from anchorage.		
<b>Prior arrival</b>			
1.	Set cylinder lubricators in maximum position	✓	
2.	Ensure that pumps are in standby mode	✓	
3.	Have one additional generator running parallel	✓	
4.	Check communication between engine room and bridge	✓	



Item	Checkpoint	Conformance	Non-conformance
5.	Check steering gears, leakage and performance	✓	
6.	Maintain about 25-30 bars starting air pressure	✓	
7.	Drain main starting air bottles to drain off accumulated moisture	✓	
8.	Set composite boiler to auto mode	✓	
9.	Stop fresh water generator	✓	
10.	Ensure the running generators parameter are well within limits and no abnormality observed	✓	
11.	Check the position of the main start valve ensure complete open	✓	
<b>Finished with engine</b>			
1.	Switched to "engine control room" control	✓	
2.	Depress "finished w/engine" button	✓	
3.	Stop aux. blowers	✓	
4.	Open indicators cocks	✓	
5.	Open drain on turbo-charger	✓	
6.	Open M.E. T/C drain valve	✓	
7.	Open drains fully from scavenging spaces	✓	
8.	Close main starting air valve	✓	
9.	Keep heating on M/E cooling water at about 80oC	✓	
10.	Turn M.E. for about 10 minutes	✓	
11.	After 30 minutes, stop JCW pump and start JCW pre-heating pump	✓	
12.	After 1 hour, stop crosshead L.O. pump & main L.O. pump	NA	
13.	Engage turning gear	✓	
<b>Additional ship specific items</b>			

Item	Checkpoint	Conformance	Non-conformance
<b>Engineer Officer on duty</b>		<b>Chief Engineer</b>	
<b>Rank/Name</b> :	4E MASUMPAR SHIVAM	<b>Name</b> :	CE LLOYD ALMEIDA
<b>Signature</b> :	[REDACTED]	<b>Signature</b> :	[REDACTED]
<b>Date</b> :	13 MARCH 2021	<b>Date</b> :	13 MARCH 2021
<b>Place</b> :	CORPUS CHRISTI	<b>Place</b> :	CORPUS CHRISTI