



UMS OPERATION OF ENGINE ROOM

Vessel:	Date(dd/mm/yy) :	Time :			
			Yes	No	N/A
1) Ensure thorough inspection of the Machinery spaces prior to Un-manning the Engine Room has been carried out, which should include the following:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) Azimuth Thruster Room			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Engine Room Workshop			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Electrical Room			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) MSB Room			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) AC room			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) CO2 room			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Emergency Generator room			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Platforms in Funnel including SCR dosing units			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Expansion tanks for HT, LT, and AUX. cooling			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) UREA tank			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Fire Alarms / Fire Zones are not Inhibited			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) All running Machineries are checked for proper functioning including Pressures, Temperatures, Vibration, Noise, Physical Condition, and for any Leakage.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) All stand-by machinery must be 'Ready to Start'.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) All Water/Fuel/Lub. Oil/ Sludge/Bilge tanks, including bilge well, are checked for their levels.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Ensure Fuel Service tanks and Air bottles are drained			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Check and note down the important machinery parameters, to log in the Engine Log book.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Once everything is in an acceptable state and no outstanding alarm in the PRAXIS panel, the Duty Engineer to call the Bridge for UMS operation, and at least one alarm to be tried out to test for the functionality for the alarm system to the accommodation spaces.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Activating the UMS operation to be done by turning the key to (ON) position at the MSB room and selecting at the PRAXIS system unattended and selecting the engineer on duty.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) During UMS operation, any alarm that will arise will automatically activate the dead man alarm and switch it, to 'Attended' status.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) The officer in charge of engineering watch should inform the duty officer at the bridge (No. 101) that engine room will be attended, prior entering the engine room.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) During the time that engine room is attended duty engineer should check that the dead man alarm counter starts (set for 30 minutes).			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12) Once the cause of alarm is rectified, the Duty Engineer shall inform the duty officer at the bridge that engine room will be unattended and select at the PRAXIS panel 'Unattended'.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13) Similarly, the Duty Engineer during fire rounds and safety checks in the engine room need to call duty officer at the bridge and put status to attended and check that the counter for dead man alarm starts. Before leaving engine room call duty officer and change status to unattended and check that dead man alarm timer stopped.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duty Engineer :			Chief Engineer :		

To be completed everytime prior to operating the Engine Room in the UMS mode and filed as hard copy on board in the ECR folder