## DAILY JOURNAL OF ENGINE-ROOM WATCHKEEPING DUTIES

(STCW Convention, Regulation III/1, 2.3)

Name of Student:	Name of MHEI:
Name of Vessel	
Date: Time: N	o. of watchkeeping duty hours:
	estination:
F.O. Consumption: D.	.O. Consumption:
	verage Engine Speed:
Engine-Room Watchkeeping Activities, Specific Duties	and Events During the Watch:
Date: Time: N	o. of watchkeeping duty hours:
	estination:
	O. Consumption:
	verage Engine Speed:
Engine-Room Watchkeeping Activities, Specific Duties	and Events During the Watch:
Engine-Room Waterixeeping Activities, Specific Duties	and Events burning the watch:
Date: Time: N	o. of watchkeeping duty hours:
	estination:
	.O. Consumption:
	verage Engine Speed:
Engine-Room Watchkeeping Activities, Specific Duties	and Events During the Watch:
	and Events burning the traterin
Date: Time: N	o. of watchkeeping duty hours:
Port Departure: Departure:	estination:
F.O. Consumption: D.	.O. Consumption:
Average RPM: A	verage Engine Speed:
Engine-Room Watchkeeping Activities, Specific Duties	and Events During the Watch:



	No. of watchkeeping duty hours:
Port Departure:	Destination:
F.O. Consumption:	D.O. Consumption:
Average RPM:	Average Engine Speed:
Engine-Room Watchkeeping Activities, Specific Du	
Date: Time:	No. of watchkeeping duty hours:
Port Departure:	Destination:
F.O. Consumption:	D.O. Consumption:
Average RPM:	Average Engine Speed:
Engine-Room Watchkeeping Activities, Specific Du	nies and events buring the watch:
Date: Time:	No. of watchkeeping duty hours:
Date: Time: Port Departure:	No. of watchkeeping duty hours:  Destination:
Port Departure: F.O. Consumption: Average RPM:	Destination: D.O. Consumption: Average Engine Speed:
Port Departure: F.O. Consumption: Average RPM:	Destination: D.O. Consumption: Average Engine Speed:
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Port Departure: F.O. Consumption: Average RPM: Engine-Room Watchkeeping Activities, Specific Du	Destination:  D.O. Consumption:  Average Engine Speed:  Ities and Events During the Watch:
Port Departure:  F.O. Consumption: Average RPM: Engine-Room Watchkeeping Activities, Specific Du  Key areas learned during the watch in a week:	Destination:  D.O. Consumption:  Average Engine Speed:  Ities and Events During the Watch:
Port Departure: F.O. Consumption: Average RPM: Engine-Room Watchkeeping Activities, Specific Du	Destination: D.O. Consumption: Average Engine Speed:

- 1. All entries must be handwritten.
- The student is free to make all notes of his watchkeeping duties using the English Language.
   The student must attach evidence of having performed the engine-room watchkeeping activities listed above.
- 4. The attached List of Bridge Watchkeeping Duties are taken from the STCW Code and can be used as reference by the student in accomplishing this DJWD form.



## LIST OF ENGINE-ROOM WATCHKEEPING DUTIES

(reference: Chapter VIII, STCW Code)

a. Taking over the watch
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Engine-room watchkeeping duties	Details
Performing the engineering watch (continuation)	<ul> <li>ix. co-operate with any engineer in charge of maintenance work during all preventive maintenance, damage control or repairs         <ul> <li>isolating and bypassing machinery to be worked on</li> <li>adjusting the remaining plant to function adequately and safely during the maintenance period</li> <li>recording, in the engine log book or other suitable document, the equipment worked on and the personnel involved, and which safety steps have been taken and by whom, for the benefit of relieving officers and for record purposes, and</li> <li>testing and putting into service, when necessary, the repaired machinery or equipment</li> </ul> </li> <li>x. take immediate action for the safety of the ship, its machinery and complement where circumstances require</li> <li>xi. giving the watchkeeping personnel all appropriate instructions and information which will ensure the keeping of a safe engineering watch. Routine machinery upkeep, performed as incidental tasks as a part of keeping a safe watch, shall be set up as an integral part of the watch routine. Detailed repair maintenance involving repairs to electrical, mechanical, hydraulic, pneumatic or applicable electronic equipment throughout the ship shall be performed with the cognizance of the marine engineer in charge of the engineering watch and chief engineer officer. These repairs shall be recorded.</li> </ul>
c. Engineering watchkeeping under d Restricted Visibility	ifferent conditions and in different areas  i. ensure that permanent air or steam pressure is available for sound signals and that at all times bridge orders relating to changes in speed or direction of operation are immediately implemented and, in addition, that auxiliary machinery used for manoeuvring is readily available.
Coastal and congested waters	ii. ensure that all machinery involved with the manoeuvring of the ship can immediately be placed in the manual mode of operatio when notified that the ship is in congested waters. The marine engineer in charge of the engineering watch shall also ensure that an adequate reserve of power is available for steering and other manoeuvring requirements. Emergency steering and othe auxiliary equipment shall be ready for immediate operation.
Ship at anchor	<ul> <li>iii. consulting the master whether or not to maintain the same engineering watch as when underway</li> <li>iv. When a ship is at anchor in an open roadstead or any other virtually "at sea" condition, the marine engineer in charge of the engineering watch shall ensure that:         <ul> <li>efficient engineering watch is kept</li> <li>periodic inspection is made of all operating and stand-by machinery</li> <li>main and auxiliary machinery is maintained in a state of readiness in accordance with orders from the bridge</li> <li>measures are taken to protect the environment from pollution by the ship, and that applicable pollution prevention regulations are complied with, and</li> <li>all damage control and fire-fighting systems are in readiness.</li> </ul> </li> </ul>

