

## 2<sup>nd</sup> Engineer (Watch)



Issue date: 20/03/2019

Revision: 2

Revision date: 01/02/2019

Owner: Manager Engine

Approved By: Tino Hensel

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<b>Job Profile</b>	<b>Job Title</b>	2nd Engineer Watch
	<b>Rank</b>	Officer
	<b>Department</b>	Engine
	<b>Superior</b>	Staff Engineer
	<b>Subordinates</b>	If assigned as Senior Watch Engineer: Junior Watch Engineer & Engine Assistant / Motorman If assigned as Junior Watch Engineer: NIL
	<b>Aim</b>	<ul style="list-style-type: none"> <li>Performing watch operation as Team Leader.</li> <li>Controlling and maintaining the machineries as per details.</li> <li>Updating and controlling planned maintenance (PMS).</li> </ul>
	<b>Educational Requirements (incl. License requirements)</b>	Marine Engineer studies - License as 1st or 2nd Engineer on watch (III/2) or higher.
	<b>Professional Experience</b>	<ul style="list-style-type: none"> <li>At least 3 year experience as 1st Engineer on watch on board vessel.</li> <li>Experience on watchkeeping duties (at least 2 years of which at least one Team Leader) and maintenance of auxiliary engines.</li> </ul>
	<b>Professional Skills</b>	<ul style="list-style-type: none"> <li>Leadership skills</li> <li>Profound knowledge of watch keeping reg. STCW and Engine Room Resource Management (ERM)</li> <li>Troubleshooting</li> <li>Communication and reporting skills</li> </ul>
	<b>Certification</b>	Pls see attachment as extract of "D Mandatory Certification Matrix"

Competencies		not relevant	less relevant	relevant	strongly relevant
<b>Entrepreneurial Spirit &amp; result orientation</b>	Cross-functional work				X
	Economical thinking & acting			X	
	Result orientation and decision making			X	
<b>Leading &amp; developing people</b>	Goal-oriented leadership		X		
	Employee development		X		
<b>Service &amp; Quality</b>	Being representative of the brand (role model)				X
	Impact on service quality and guest satisfaction				X
<b>Personal</b>	Cooperation and openness to change				X
	Innovation-minded				X
	Ability to work under pressure			X	
<b>Health, Environmental, Safety &amp; Security</b>	Environmental awareness				X
	Safety/Security awareness & sustainability				X
<b>Professional</b>	Job Related skills				X
	Ship Safety Management				X
	Computer skills			X	

Language Skills		0	1	2	3	4	5
		n/a	(A1 - A2)	B1	B2	C1	C2
	<b>English</b>				X		
	<b>German</b>						
	<b>Italian</b>				X		

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According to Common European Framework of References for Languages

5	C2	Can understand with ease everything heard or read. Can express very fluently and precisely differentiating shades of meanings.
4	C1	Can understand a wide range of demanding, longer texts and recognize implicit meaning. Can express fluently and spontaneously.
3	B2	Can understand the main ideas of complex text. Can interact with a degree of fluency and spontaneity with native speakers.
2	B1	Can understand the main points of clear standard input on familiar matters regularly encountered in work, leisure, etc.
1	A1 A2	Can understand and use familiar everyday expressions and very basic phrases aimed at the satisfaction of needs of a concrete type. Can communicate in a simple and direct exchange of information.

<p><b>Main Tasks &amp; Responsibilities</b></p>	<ol style="list-style-type: none"> <li>1. Making at sea and in port watch in the Engine Control Room and Engine Room when/if necessary. During Watch the Engineer Team Leader is the Chief Engineer's representative</li> <li>2. Checking and evaluate competently the operation machineries and currently implementing changes in gate during watch</li> <li>3. Responsible to familiarize with all the safety plant like Hi-Fog System, fire system, sprinkler, emergency bilge and all other emergency plants, including emergency manual operation in case of some malfunction in the automatic system</li> <li>4. Filling in all the record books (oil record book, grey water transfer log book, black water transfer log book, oil to sea interface log book, engine scrapbook, monthly report etc.) and documents as required by Company rules and Chief Engineer.</li> <li>5. Minimum of the following system should be covered where applicable:             <ul style="list-style-type: none"> <li>◦ Main Diesel engines with system and equipment.</li> <li>◦ Electrical Engine Propulsion with system and equipment.</li> <li>◦ Main and Auxiliary Switchboard including automatic and manual operation.</li> <li>◦ Automation System Control such as ABB, VALMARINE, etc. etc.</li> <li>◦ Auxiliary Diesel Engine with belonging system and equipment.</li> <li>◦ Boiler plant, with related pumps, pipes, valves, heat exchangers and sludge burning devices.</li> <li>◦ Evaporators and Reverse Osmosis plant with associated equipment, including but not limited to pumps, pipes, valves</li> <li>◦ All chemical dosage plants for fresh and sea water.</li> <li>◦ Analysis and dosage of boiler water, cooling water and heeling tank system.</li> <li>◦ Soot Blowing / Infrasonic system.</li> <li>◦ Diesel-oil, fuel-oil, gas-oil, and lubrication-oil systems. Pre-heaters, separators, cleaning equipment and transfer pumps.</li> <li>◦ Bilge, Ballast and Heeling system with related pipes and valves.</li> <li>◦ Emergency diesel with related systems.</li> <li>◦ Steering gear and related systems.</li> <li>◦ Stabilizer system.</li> <li>◦ Starting air compressors and receivers.</li> <li>◦ Working air compressors and receivers.</li> <li>◦ Instrument air compressors and receivers.</li> <li>◦ Air Compressors for Bow Thrusters.</li> <li>◦ Emergency air compressors and receivers.</li> <li>◦ Watertight door with hydraulic systems.</li> <li>◦ Shell-gates with hydraulic systems (including tender embarkation platforms).</li> <li>◦ Lifeboats, tender boats and rescue boats and life rafts.</li> <li>◦ Winches for lifeboats, tender boats, rescue boat and life rafts.</li> <li>◦ Azipod and Fix Pod lubricating oil system including Steering Gear and associated hydraulic systems.</li> <li>◦ Remote controlled valves (AMRI, PLEIGER, RIZZO, etc.).</li> <li>◦ Clutches, Reduction Gear, Propeller Shafts and Stern Tubes with belonging system and equipment.</li> <li>◦ Hydraulic plant for pitch propellers.</li> <li>◦ All system valves, auto and manual.</li> <li>◦ Filers for the pitch variable propeller such as LIPS and KAMEWA system.</li> </ul> </li> </ol>
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