



**Contingency Procedures / Checklists**

**24. FAMILIARIZATION FORM FOR ENGINEER OFFICERS**

<b>Name:</b>		<b>Rank:</b>	
All <i>New Joining Engineer Officers</i> shall be familiar with the following Equipment and Key procedures that are applicable to M.V. _____. Each subject should be marked with an "X". The Engineer's knowledge shall be verified by the Chief Engineer within a time period set down by him.			
<b>Do you know/understand/the operation:</b>			<b>Yes/No</b>
<b>1</b>	Familiar with S.W./F.W./Fuel/Lub. Oil/ Air/Steam Systems.	<input type="checkbox"/>	<input type="checkbox"/>
<b>2</b>	Understand and familiarize the layout and operation of EGCS/Scrubber systems (only applicable to the HMD and CXI class v/ls)	<input type="checkbox"/>	<input type="checkbox"/>
<b>3</b>	Turning Gear Main Engine.	<input type="checkbox"/>	<input type="checkbox"/>
<b>4</b>	The basic functioning of Main Engine remote control system.	<input type="checkbox"/>	<input type="checkbox"/>
<b>5</b>	To deal with a fire in the scavenging air system-see ship specific checklist.	<input type="checkbox"/>	<input type="checkbox"/>
<b>6</b>	Immediate actions to be taken due to a risk of crankcase explosion-see specific check list.	<input type="checkbox"/>	<input type="checkbox"/>
<b>7</b>	Emergency Bilge suction system via main sea water pump. - Direct suction via main bilge system.	<input type="checkbox"/>	<input type="checkbox"/>
<b>8</b>	Steering gear plant including emergency steering.	<input type="checkbox"/>	<input type="checkbox"/>
<b>9</b>	Stop devices for ventilation in Engine Room	<input type="checkbox"/>	<input type="checkbox"/>
<b>10</b>	Differentiating between the CO2 Alarm and other machinery/communication alarms - Location of CO2 room, layout and release procedures.	<input type="checkbox"/>	<input type="checkbox"/>
<b>11</b>	Emergency Generator and Emergency switchboard.	<input type="checkbox"/>	<input type="checkbox"/>
<b>12</b>	Remote stops for Quick closing fuel valves/pumps.	<input type="checkbox"/>	<input type="checkbox"/>
<b>13</b>	Fresh water generator.	<input type="checkbox"/>	<input type="checkbox"/>
<b>14</b>	Bilge pumps and Ballast pumps systems.	<input type="checkbox"/>	<input type="checkbox"/>
<b>15</b>	Bilge systems including oily water separator. - Cargo bilge system.	<input type="checkbox"/>	<input type="checkbox"/>
<b>16</b>	Air Compressors.	<input type="checkbox"/>	<input type="checkbox"/>
<b>17</b>	Boiler including exhaust gas boiler economizer and steam systems. - Emergency operation of Oil-fired boiler.	<input type="checkbox"/>	<input type="checkbox"/>
<b>18</b>	Lub oil pumps, coolers and filters and associated systems.	<input type="checkbox"/>	<input type="checkbox"/>
<b>19</b>	- HFO/D.O./L.O. Purification Systems. - Hyd. Valve unit and basic layout of local valve unit panel. Emergency operation of different types of hydraulic valves. - Location of and start/stop of Fire pumps. - Operation of Water Mist/LFFS system and areas being protected. - Operation of Ballast Water Management plant. - Operation of Incinerator. Location of emergency stop. - Location and operation of all pneumatically operated air flaps. - Operation of Air conditioning plant - Operation of Prov. Refer plant - Basic knowledge of chemicals in use. Handling and precautions	<input type="checkbox"/>	<input type="checkbox"/>
<b>20</b>	F.O/D. O/L. O bunkering and transferring systems.	<input type="checkbox"/>	<input type="checkbox"/>
<b>21</b>	Lubrication and hydraulic oils/greases in use and the lubrication charts.	<input type="checkbox"/>	<input type="checkbox"/>
<b>22</b>	Familiarity with the MARPOL rules and rules concerning waste and garbage disposals.	<input type="checkbox"/>	<input type="checkbox"/>
<b>23</b>	Operation & maintenance of the Sewage treatment plant.	<input type="checkbox"/>	<input type="checkbox"/>



24	Operation & maintenance of the Oily Water Separator & Oil Content Monitor (To be operated by C/E or IAE, or by watch engineer under their strict supervision only)	<input type="checkbox"/>	<input type="checkbox"/>
25	Control Air systems.	<input type="checkbox"/>	<input type="checkbox"/>
26	Cooling water systems-Fresh and saltwater with plate coolers.	<input type="checkbox"/>	<input type="checkbox"/>
27	Main sea water system including High/Low Sea suctions and Remote operation.	<input type="checkbox"/>	<input type="checkbox"/>
28	General areas on the Main switchboard.	<input type="checkbox"/>	<input type="checkbox"/>
29	Cargo Reefer Plant operation.	<input type="checkbox"/>	<input type="checkbox"/>
30	Engine Room and accommodation air-conditioning.	<input type="checkbox"/>	<input type="checkbox"/>
31	Hot work equipment: Welding and Gas cutting (tools, cylinders use, care and stowage).	<input type="checkbox"/>	<input type="checkbox"/>
32	Planned Maintenance System.	<input type="checkbox"/>	<input type="checkbox"/>
33	Filling of the Engine Room Logbook.	<input type="checkbox"/>	<input type="checkbox"/>
34	Chief Engineer's standing instructions/orders.	<input type="checkbox"/>	<input type="checkbox"/>
35	Knowledge of operators control panels ECR.	<input type="checkbox"/>	<input type="checkbox"/>
36	Location of all fire extinguishing equipment in the Engine Room Area.	<input type="checkbox"/>	<input type="checkbox"/>
37	Location of the Emergency Escapes.	<input type="checkbox"/>	<input type="checkbox"/>
38	Location of oil spill equipment and understanding of SOPEP Manual.	<input type="checkbox"/>	<input type="checkbox"/>
39	Understand & aware of requirements for accurate upkeep of MARPOL Annex 1 Oil record Book	<input type="checkbox"/>	<input type="checkbox"/>
40	Understand & aware of requirements for accurate upkeep of MARPOL Annex VI Record Book, incl. ODS	<input type="checkbox"/>	<input type="checkbox"/>
41	Have read and understood the relevant chapter related to you in the QSMS Main Manual.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Acknowledged</b>			
<b>Signature:</b>		<b>Date/Time:</b>	
<b>Verified by Department Head:</b>		<b>Date/Time:</b>	
<b>Reviewed by Master:</b>			