

**SKILLS FRAMEWORK FOR SEA TRANSPORT
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Ship Navigation					
TSC	Navigation Watch (Special Limit)					
TSC Description	Conduct navigational watches within the Special Limit to ensure safe passage of ships					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	STP-SNG-1004-1.1	STP-SNG-2004-1.1				
	Contribute to safe navigational watches	Steer ships and comply with helm orders				
Knowledge	<ul style="list-style-type: none"> Procedures for the relief, maintenance and handover of watches Information required to maintain safe watches Mooring systems, functions of mooring and tug lines Capacities, safe working loads, and breaking strengths of mooring equipment Procedures and order of events for making fast and letting go of mooring and tug lines and wires Procedures and order of events for use of anchors in various operations Special Limit 	<ul style="list-style-type: none"> Magnetic and gyro compasses Helm orders Change-over from automatic pilot to hand-steering and vice versa Responsibilities of a lookout Shipboard terms and definitions Procedures for the relief, maintenance and handover of watches Information required to maintain safe watches Environmental protection procedures Special Limit 				
Abilities	<ul style="list-style-type: none"> Ensure maintenance, handover and relief of watches are conducted within accepted practices and procedures Carry out operations in accordance with established safety 	<ul style="list-style-type: none"> Steer steady courses within acceptable limits Ensure course alternations are smooth and controlled Detect sound signals, lights and other objects promptly Report to officers of the watch, the approximate 				

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	<p>practices and equipment operating instructions</p> <ul style="list-style-type: none"> • Contribute to berthing, anchoring, and other mooring operations 	<p>bearings of signals, lights and other objects</p> <ul style="list-style-type: none"> • Ensure maintenance, handover and relief of the watch are conducted within accepted practices and procedures 				
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