

**SKILLS FRAMEWORK FOR SEA TRANSPORT
SKILLS MAP - HARBOUR PILOT**

Sector	Sea Transport			
Track	Port			
Occupation	Harbour Pilot			
Job Role	Harbour Pilot			
Job Role Description	The Harbour Pilot provides pilotage and berthing services, ensures the safe and expedient movement of ships entering and departing the port, while complying with port regulations and emergency response plans. He/She must pass a colour vision test and hold a Harbour Pilot Licence issued by the relevant authority of the Flag State. He is analytical and organised with the ability to manage relationships and maintain rapport with personnel at all levels.			
Critical Work Functions, Key Tasks and Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)	
	Oversee pilotage, navigation and berthing	Complete pilotage documentation and provide accurate information for charging	In accordance with: • Harbour Pilot Licence Class A/B/C	
		Liaise with pilot boat crew, linesmen and coordinate towage requirements		
		Interface with port personnel during pilotage movements		
	Handle port operations and vessel management	Ensure all port berthing and navigations are compliant and in line with relevant marine regulations		
		Provide advice and expertise in marine-related matters including planning, construction and maintenance of navigational aids and marine structures		
	Maintain relationships with key stakeholders	Advise and assist management with operational, technical and environmental matters		
Handle health, safety, security and environment	Act as port emergency coordinator in the event of emergencies			
	Assist with investigations of any breaches of health, safety and security			
	Assist the port with the implementation of marine, security and emergency duties			
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Cyber Security	Level 3	Communication	Advanced
	Networking	Level 5	Interpersonal Skills	Advanced
	Pilotage Emergencies	Level 4	Managing Diversity	Advanced
	Pilotage Planning	Level 4	Problem Solving	Advanced
	Tug Operations	Level 4	Decision Making	Advanced
Programme Listing	For a list of Training Programmes available for the Sea Transport sector, please visit: www.skillsfuture.sg/skills-framework/sea-transport			

The information contained in this document serves as a guide.