

**Factsheet on SkillsFuture Earn and Learn Programme for Maritime
(Port Operations Officer)**

Sector Overview

Singapore's maritime industry is a growing economic sector, contributing about 7% to Singapore's GDP. With over 5,000 maritime establishments, the sector employs 170,000 people. Jobs in this sector are rewarding (good salary) and diverse, ranging from seafaring to various shore-based jobs in areas such as port operations, shipping, commercial and technical services.

The government is committed to strengthen Singapore's position as a global hub port. The recently-opened Pasir Panjang Terminal Phases 3 and 4 will increase our total port capacity to 50 million twenty-foot equivalent units (TEUs) when it is fully operational by end-2017. In the long term, port operations will be consolidated into a mega-terminal in Tuas with capacity of up to 65 million TEUs annually, almost double of what we moved last year.

In addition to expansion plans, the port is also advancing with the increased use of technology and automation in their routine operations to be more productive, manpower-lean and competitive. With this, the skillsets of the port operations officers will also evolve.

Career Prospects

The Port Operations sector offers a stable, meaningful, and rewarding career, as well as opportunities to develop professionally.

With the SkillsFuture Earn and Learn Programme for Maritime, fresh polytechnic graduates can have a headstart in their career and deepen their skills through facilitated training, in-house structured training and mentorship programme. Participants will also attain a Specialist Diploma in Port Operations and Management awarded by Singapore Polytechnic upon successful completion of the programme.

Participants of this programme will receive a starting monthly basic salary of \$2,000¹. Upon successful completion of the programme, they can expect a possible wage increment of about 3-5% if they perform well and take on enlarged job scopes.

Participants will join either PSA Corporation or Jurong Port as a Trainee Senior Operations Supervisor or Trainee Assistant Port Operations Executive respectively and may progress to become a Senior Operations Supervisor or Assistant Port

¹ For Singapore citizens only.

Operations Executive² respectively depending on their performance and availability of positions.

Programme Structure & Certification(s)

Singapore Polytechnic is the Programme Manager. This is a 12-month structured training programme which comprises in-house structured training, facilitated/e-learning and mentorship. This programme is jointly developed in consultation with the Maritime and Port Authority of Singapore (MPA), Singapore Polytechnic (SP), the Singapore Workforce Development Agency (WDA), unions and maritime industry stakeholders. The Specialist Diploma will be awarded by the Singapore Polytechnic (SP) upon successful completion of the Programme.

Eligibility Criteria

Polytechnic graduates from relevant maritime courses are eligible to participate.

Funding of the programme

| S/N | Component | WDA Funding |
|------------|--|----------------------------------|
| 1 | Employer's incentives | Up to \$15,000 per participant |
| 2 | Sign-on incentive for trainees* *Only applicable for Singapore Citizens | \$5,000 per eligible participant |

Course Details

Companies may contact Capt Chatur Wahyu Pinandoro or Chua Joon Chai, the SP officer-in-charge at wahyu@sp.edu.sg / chuaic@sp.edu.sg or 67721770 / 67721778 for more information on the SkillsFuture Earn and Learn Programme for Maritime (Port Operations Officer).

² Job titles may vary

Factsheet on SkillsFuture Earn and Learn Programme for Maritime (Seafaring Deck Officer)

Sector Overview

Maritime Singapore continues to enjoy good growth and maintain its position as one of the world's busiest port.

As a leading International Maritime Centre, Singapore continues to be a choice location for international shipping groups and maritime service providers to base their operations here. Singapore's maritime cluster is now home to over 130 international shipping groups, 5,000 maritime establishments and also the world's 5th largest merchant fleet.

International studies have indicated that an anticipated growth in world trade and hence shipping activities will generate the need for more ship officers. More than 60,000 seafarers are required to man over 3000 ocean-going ships under the Singapore flag. Singapore will also require more Deck Officers and Marine Engineers to support the shore based maritime companies in Singapore.

Career Prospects

The maritime seafaring sector offers a stable, meaningful, and rewarding career, as well as opportunities to develop professionally.

With the SkillsFuture Earn and Learn Programme for Maritime (ELP), fresh polytechnic graduates can have a headstart in their Maritime Career and deepen their skills through structured on-the-job training (OJT) and mentorship programme. Participants will also attain a Letter of Eligibility from the Maritime and Port Authority of Singapore (MPA) upon completion of the programme. With the Letter of Eligibility, the participants are qualified to enter the Combined Class 1 & 2 (Deck Officer) Course.

Participants of the programme can receive a starting monthly basic salary of \$2,300. Upon successful completion of the programme, they can receive possible commensurate wage increment to \$3,300³.

Participants will join an established company in the maritime seafaring sector as CoC Class 3 Junior Deck Officers and may progress to become CoC Class 3 Deck Officer⁴ depending on their performance and availability of positions.

Programme Structure & Certification(s)

³ Participants can potentially receive a wage increase upon completion of programme if they perform well and take on enlarged job scopes.

⁴ Job titles may vary across companies

The programme comprises 12 months of structured on-the-job training and mentorship at sea. This programme is jointly developed in consultation with MPA, Singapore Maritime Academy (SMA), the Singapore Workforce Development Agency (WDA), unions and maritime industry stakeholders. The programme is managed by Singapore Polytechnic (SP).

Eligibility Criteria

Polytechnic graduates from the Diploma in Nautical Studies are eligible to apply for the programme.

Funding of the programme

| S/N | Component | WDA Funding |
|------------|--|----------------------------------|
| 1 | Employer's incentives | Up to \$15,000 per participant |
| 2 | Sign-on incentive for trainees* *Only applicable for Singapore Citizens | \$5,000 per eligible participant |

Course Details

| | |
|---------------------|---|
| Course Fee | No course fee required as it is 100% OJT on board ships for a total of 12 months |
| Modes of Learning | On-the-job training/Mentoring on board ships |
| Modes of Assessment | a) Completion of all tasks, activities and assignments as per the ELP Journal b) Evaluation of Performance by Designated Training Officers c) Attainment of 12 months of OJT at sea |

Companies may contact Capt S S Virdi, the SP/SMA officer-in-charge at SSViridi@sp.edu.sg or 68790423 for more information on the SkillsFuture Earn and Learn Programme for Maritime (Seafaring Deck Officer).

Factsheet on SkillsFuture Earn and Learn Programme for Maritime (Seafaring Marine Engineer)

Sector Overview

Maritime Singapore continues to enjoy good growth and maintain its position as one of the world's busiest port.

As a leading International Maritime Centre, Singapore continues to be a choice location for international shipping groups and maritime service providers to base their operations here. Singapore's maritime cluster is now home to over 130 international shipping groups, 5,000 maritime establishments and also the world's 5th largest merchant fleet.

International studies have indicated that an anticipated growth in world trade and hence shipping activities will generate the need for more ship officers. More than 60,000 seafarers are required to man over 3,000 ocean-going ships under the Singapore flag. Singapore will also require more Deck Officers and Marine Engineers to support the shore based maritime companies in Singapore.

Career Prospects

The maritime seafaring sector offers a stable, meaningful, and rewarding career, as well as opportunities to develop professionally.

With the SkillsFuture Earn and Learn Programme for Maritime (ELP), fresh polytechnic graduates can have a headstart in their Maritime Career and deepen their skills through structured on-the-job training (OJT) and mentorship programme. Participants will also attain a Letter of Eligibility from the Maritime and Port Authority of Singapore (MPA) upon completion of the programme. With the Letter of Eligibility, the participants are qualified to enter the Combined Class 1 & 2 (Mechanical Engineering Officer) Course.

Participants of the programme can receive a starting monthly basic salary of \$2,300. Upon successful completion of the programme, they can receive possible commensurate wage increment to \$3,300⁵.

Participants will join an established company in the maritime seafaring sector as a CoC Class 5 Junior Marine Engineer and may progress to become a CoC Class 5 Marine Engineer⁶ depending on their performance and availability of positions.

Programme Structure & Certification(s)

⁵ Participants can potentially receive a wage increase upon completion of programme if they perform well and take on enlarged job scopes.

⁶ Job titles may vary across companies

The programme comprises 12 months of structured on-the-job training and mentorship at sea. This programme is jointly developed in consultation with MPA, Singapore Maritime Academy (SMA), the Singapore Workforce Development Agency (WDA), unions and maritime industry stakeholders. The programme is managed by Singapore Polytechnic (SP).

Eligibility Criteria

Polytechnic graduates from the Diploma in Marine Engineering are eligible to apply for the programme.

Funding of the programme

| S/N | Component | WDA Funding |
|-----|--|----------------------------------|
| 1 | Employer’s incentives | Up to \$15,000 per participant |
| 2 | Sign-on incentive for trainees* *Only applicable for Singapore Citizens | \$5,000 per eligible participant |

Course Details

| | |
|---------------------|---|
| Course Fee | No course fee required as it is 100% OJT on board ships for a total 12 months |
| Modes of Learning | On-the-job training/mentoring on board ships |
| Modes of Assessment | d) Completion of all tasks, activities and assignments as per the ELP Journal e) Evaluation of Performance f) Attainment of 12 months of OJT at sea |

Companies may contact S Premanathan, the SP/SMA officer-in-charge at s.prem@sp.edu.sg or 67721773 for more information on the SkillsFuture Earn and Learn Programme for Maritime (Seafaring Marine Engineer).

New measures to support Singaporean's career in seafaring

To encourage Singaporeans to take up seafaring careers, facilitate up-skilling, and improve retention of seafaring talent, the following new measures will be introduced.

- a) **Cadet Allowance Reimbursement.** This measure encourages employers to train Singaporean cadets who are pursuing their certificate of competencies (CoCs) under the Diploma in Nautical Studies (DNS) and the Diploma in Marine Engineering (DMR) in the Singapore Maritime Academy, by alleviating part of the employer's training cost in monthly allowance. On average, employers are paying \$800 per month to a Singaporean cadet. Employers can expect to receive up to \$400 reimbursement with this measure.

- b) **Achievement Award.** This is a monetary award (up to \$2,000) that gives recognition to candidates for completing the rigorous shipboard training to obtain their first CoCs to become junior deck and engineering officers. There are also further achievement awards to encourage Singaporeans to undergo further training to attain higher class CoCs and continue their seafaring careers to eventually become Master Mariners and Chief Engineers on foreign-going ships. As the Singaporean seafaring officer attains his/her CoC Class 2 and Class 1, he/she will also be getting a monetary award (up to \$3,000) at each of these stages.

- c) **Up-skill Allowance Scheme.** This scheme encourages employers to provide an up-skill allowance to local junior seafaring officers to pursue full-time CoC 2/1 programmes. Employers will be reimbursed up to \$500 per month and junior seafaring officers will get training allowance of up to \$1,000 per month while they pursue full-time CoC 2/1 programmes. This will allow more local seafarers to attain the CoC Class 2 and CoC Class 1 that will qualify them to fill senior shipboard positions. Candidates with these qualifications and command experience are also required on shore to fill critical managerial and professional job roles in shipping-related companies. The up-skill allowance would reduce the level of deterrence as the candidate goes on a six-month sabbatical leave to attend the CoC 2/1 preparatory course and exams.