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Maritime Singapore Awards Over 70 MaritimeONE and Tripartite Maritime Scholarships to Nurture Talent Pipeline

Scholarships reflect continued and collective commitment by maritime ecosystem to nurture the next generation of talent

At the MaritimeONE and Tripartite Maritime Scholarships (TMSS) Awards Ceremony 2024 held this evening, 63 MaritimeONE Scholarships¹ and 10 Tripartite Maritime Scholarships (TMSS)² were awarded by sponsors from the industry, unions, associations, foundations, and institutes of higher learning. Mr. Baey Yam Keng, Senior Parliamentary Secretary, Ministry of Sustainability and the Environment & Ministry of Transport, was the Guest-of-Honour at the awards ceremony attended by the scholarship recipients, their families, and senior company representatives.

MaritimeONE Scholarship

- 2. The 39 sponsoring organisations³ this year come from a broad spectrum of Singapore's dynamic maritime ecosystem including shipping, port operations, maritime services, marine and offshore, associations, classification societies, foundations, as well as institutes of higher learning. Collectively, they reflect Maritime Singapore's continuing and collective commitment to nurturing the next generations of talent.
- In addition to recognising and rewarding academic excellence, the MaritimeONE Scholarship provides students with opportunities to participate in various industry networking events, mentorship, internships, and more. Students who wish to apply for the next cycle of scholarship awards may learn more about the programme here.
- This year saw a similar number of MaritimeONE Scholarships awarded to 63 recipients, from 60 in the previous year, amounting to a total value exceeding \$\\$1.8 million. Since the inception of the programme in 2007, 647 scholarships with an

¹ Annex A – MaritimeONE Scholarship Programme

² Annex B – Tripartite MaritimeONE Scholarship

³ Annex C – List of partners supporting the MaritimeONE Scholarships

aggregate value of S\$17.6 million have been awarded by the Singapore Maritime Foundation (SMF) and sponsor organisations.

- 5. While a majority of the MaritimeONE Scholarship recipients are pursuing maritime-related disciplines, a number of recipients are enrolled in other courses such as accountancy, data science and artificial intelligence, business analytics, computer science, electrical and electronic engineering, law, and more. The diversity of scholarship recipients reflects the dynamic nature of Singapore's maritime ecosystem and its transformation to become more digital and sustainable.
- 6. This year also marks the first time that the MaritimeONE Scholarship is awarded to students from the Singapore University of Social Sciences (SUSS). The two recipients from SUSS are pursuing their degrees in supply chain management.

MaritimeONE Scholarship Recipients

- 7. "My fascination with the sea and its role in global commerce inspired me to join the maritime industry, where I can blend my love for the ocean with cutting-edge technology. I aspire to lead innovative projects that enhance efficiency and sustainability in maritime operations," said **Ms. Koh Xiang Yun**, a recipient of the "K" Line—MaritimeONE Scholarship 2024 who is pursuing a Bachelor of Science (Hons) in Maritime Studies at the Nanyang Technological University.
- 8. "I have always aspired to be a ship captain ever since I was young as I was intrigued by seeing all the anchored vessels along the southern coast of Singapore. Being a deck officer and eventually a ship captain is a personal goal as I will only feel accomplished when I have the four stripes on my shoulder. Knowing my passion, I applied for the Diploma in Nautical Studies via the Direct Admission Exercise. Entering the course is the first step towards my lifelong dream. This scholarship will help me greatly in reaching where I want to be eventually, a ship captain," said **Ms. Zaara Batrisyia Binte Ashraf**, a recipient⁴ of the NYK—MaritimeONE Scholarship 2024 who is pursuing a Diploma in Nautical Studies at the Singapore Maritime Academy, Singapore Polytechnic.
- 9. "My interest in maritime stems from the complex and dynamic nature of this industry, where I believe opportunities can be created. I hope to support the decarbonisation and digitalisation initiatives of this industry by harnessing the potential of big data and artificial intelligence," said **Mr. Loh He Xi Jose**, a recipient of the PCL—MaritimeONE Scholarship 2024 who is pursuing a Bachelor of Science (Hons) in Business Analytics at the National University of Singapore.

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⁴ Annex D – List of selected recipients of the MaritimeONE Scholarships and TMSS

- 10. "My passion for the ever-evolving maritime industry stems from a desire for continuous learning and to drive transformation through innovative, sustainable practices. I aspire to build my expertise in green ship technologies and advanced systems while mentoring the next generation of marine engineers," said **Mr. Lau Ji Min**, a recipient of The Chua Chor Teck Memorial Fund—MaritimeONE Scholarship 2024 who is pursuing a Bachelor of Engineering (Hons) in Naval Architecture and Marine Engineering at the Singapore Institute of Technology.
- 11. Recipients of the MaritimeONE scholarship can choose their course of studies from 45 maritime and non-maritime degree and diploma programmes offered by local and overseas universities as well as local polytechnics.

SMI - MaritimeONE Postgraduate R&D Scholarship

- 12. This year also saw the first two recipients of the recently established SMI-MaritimeONE Postgraduate R&D Scholarship which aims to expand the local maritime research talent pool to deepen Singapore's specialised R&D capabilities as a global maritime knowledge hub.
- 13. "I believe the maritime industry has the potential to play a vital role in addressing some of the most pressing challenges the world is facing today, such as climate change. As an academic researcher, I hope my research will make significant contributions to the decarbonisation of maritime in Singapore, while providing me with opportunities to enhance future maritime studies," said **Mr. Sharul Baggio Bin Mohamed Roslan** who is pursuing a Doctor of Engineering (DEng) at the Singapore Institute of Technology.
- 14. Besides developing maritime talents through the MaritimeONE scholarships, Maritime Singapore is also attracting and developing local sea-going professionals through the Tripartite Maritime Scholarship.

Tripartite Maritime Scholarship

- 15. Ten promising students will receive the Tripartite Maritime Scholarships (TMSS). The scholarships are supported by the Maritime and Port Authority of Singapore (MPA), the Singapore Maritime Officers' Union, the Singapore Organisation of Seamen, and industry partners like Eastaway Ship Management Pte Ltd, Fleet Ship Management Pte Ltd, NYK Shipmanagement Pte Ltd, OSM Ship Management Pte Ltd, PACC Ship Managers Pte Ltd, Pacific International Lines Pte Ltd, POSH Fleet Services Pte Ltd, and Tidewater Offshore Operations Pte Ltd.
- 16. "The seafaring sector is dynamic, offering many exciting growth opportunities. The scholarship provides me with the resources to begin my journey as a young seafarer, fulfilling both my father's childhood dream and my own aspiration to become

a ship captain. I am eager to begin my internship as a deck cadet, gaining hands-on experience and deepening my understanding of vessel operations. I also hope to serve as a role model for other aspiring female seafarers in the future", said **Ms. Archana D/O Chandrasegaran**, a TMSS 2024 recipient pursuing her Diploma in Nautical Studies at Singapore Maritime Academy, Singapore Polytechnic.

17. Introduced in 2002, TMSS provides seafaring scholarships for students pursuing a Diploma in Nautical Studies or Diploma in Marine Engineering at the Singapore Maritime Academy, Singapore Polytechnic. The scholarship offers students an opportunity to pursue their aspirations to become ship captains or chief engineers of ocean-going ships and eventually take on leadership roles in the maritime industry.

Quote by Chairman of the Singapore Maritime Foundation

18. "The MaritimeONE scholars represent the future of our industry: multifaceted yet cohesive, technology-driven while at its core people-centric and embodying environmental consciousness in all that we do across sea to shore. I thank our industry partners for bringing more youths on track to maritime careers through the generous support of scholarships. I congratulate the scholarship recipients as they pursue their studies and look forward to their contributions to Maritime Singapore," said **Mr. Hor Weng Yew**, Chairman, Singapore Maritime Foundation.

Quote by Chief Executive of the Maritime and Port Authority of Singapore

19. "Maritime Singapore offers rich and diverse job opportunities, including careers at shore and sea for youths to work with cutting edge technologies, and be part of the global maritime supply chain. The MaritimeONE and Tripartite Maritime Scholarships are part of the talent development initiative by the government, unions, and industry to build the next generation of maritime leaders who are more digitally savvy and care about the environment, to help shape a global maritime future that is more digital and sustainable", said **Mr. Teo Eng Dih**, Chief Executive, Maritime and Port Authority of Singapore.

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About the Singapore Maritime Foundation

Established in 2004, the Singapore Maritime Foundation (SMF) is a conduit between the public and private sectors to accomplish the twin mission of developing and promoting Singapore as an International Maritime Centre (IMC); and to attract, engage and grow a talent pipeline to position Maritime Singapore for continued growth. SMF galvanizes the industry to drive a holistic suite of talent development programmes such as scholarships, internships, case competitions, campus seminars, company visits, a career portal, and more, to support the educational pursuits of young talent and to equip them with skills for the maritime sector.

For details, visit www.smf.com.sg

About the Maritime and Port Authority of Singapore (MPA)

MPA was established on 2 February 1996 with the mission to develop Singapore as a premier global hub port and international maritime centre, and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's port and maritime development, taking on the roles of port authority, maritime and port regulator and planner, international maritime centre champion, national maritime representative and a champion of digitalisation and decarbonisation efforts at regional and international fora such as at the International Maritime Organization. MPA partners industry, research community and other agencies to enhance safety, security and environmental protection in our waters, facilitate maritime and port operations and growth, expand the cluster of maritime ancillary services, and develops maritime digitalisation and decarbonisation policies and plans, R&D and manpower development. MPA is responsible for the overall development and growth of the maritime domain and Port of Singapore. In 2023, Singapore's annual vessel arrival tonnage crossed 3 billion Gross Tonnage and remains the world's busiest transshipment hub, with a total container throughput of 39.0 million 20-foot equivalent units (TEUs).

For more information, please visit www.mpa.gov.sg/

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Annex A – MaritimeONE Scholarship Programme

1. About the MaritimeONE Scholarship Programme

The MaritimeONE Scholarship programme is spearheaded by the Singapore Maritime Foundation (SMF) as a key initiative to nurture talents for Singapore's maritime sector. Sponsoring companies provide funding for these scholarships which are then administered by SMF. Some of the sponsoring companies also offer internship opportunities for scholars during their school term.

A total of 45 degree and diploma programmes are supported by the MaritimeONE Scholarships this year. These courses have been identified by SMF in consultation with maritime-related organisations which will select the course(s) for their identified scholars. As the MaritimeONE Secretariat, SMF conducts various outreach initiatives to inform the public of the MaritimeONE Scholarship programme for these 45 degree and diploma programmes and coordinates the interviews for sponsors to meet the scholarship applicants. After the interviews, sponsors would then advise SMF on their selected candidates for the award.

Since the inaugural Scholarship Awards Ceremony in 2007, a total of 647 scholarships have been awarded to outstanding students to pursue maritime and non-maritime-related courses in Singapore and overseas.

2. Courses Supported by the MaritimeONE Scholarship Programme

Business-related Courses

- 1. Bachelor of Business (Hons) Specialisation in Business Analytics, NTU
- 2. Bachelor of Science (Hons) in Maritime Studies, NTU
- 3. Bachelor of Science (Hons) in Maritime Studies with Business, NTU
- 4. Bachelor of Science (Hons) in Maritime Studies with Business (International Trading), NTU
- 5. Bachelor of Science (Hons) in Maritime Studies with Specialisation in International Trading, NTU
- 6. Bachelor of Science (Hons) in Maritime Studies with Data Analytics, NTU
- 7. Bachelor of Science (Hons) in Maritime Studies with Sustainability
- 8. Any relevant discipline with Maritime Business and Operations Track, SMU
- 9. Any relevant discipline with International Trading Track, SMU
- 10. Bachelor of Science (Hons) in Maritime Business, UoP
- 11. Bachelor of Science (Hons) in International Logistics and Supply Chain Management, UoP

12. Diploma in Maritime Business, SMA-SP

Engineering-related Courses

- 13. Bachelor of Engineering (Hons) in Electrical & Electronic Engineering, NTU
- 14. Bachelor of Engineering (Hons) in Mechanical Engineering, NTU
- 15. Bachelor of Engineering (Hons) in Civil Engineering, NTU
- 16. Bachelor of Engineering (Hons) in Civil Engineering, NUS
- 17. Bachelor of Engineering (Hons) in Electrical Engineering, NUS
- 18. Bachelor of Engineering (Hons) in Industrial & Systems Engineering, NUS
- 19. Bachelor of Engineering (Hons) in Mechanical Engineering, NUS
- 20. Bachelor of Engineering (Hons) in Electrical Power Engineering, SIT-NU
- 21. Bachelor of Engineering (Hons) in Naval Architecture and Marine Engineering, SIT-NU
- 22. Diploma in Mechanical Engineering, SP
- 23. Diploma in Electrical and Electronic Engineering, SP
- 24. Diploma in Offshore & Sustainable Engineering, NP (formerly known as Diploma in Marine and Offshore Technology)

Computing-related Courses

- 25. Bachelor of Engineering (Hons) in Computer Engineering, NTU
- 26. Bachelor of Engineering (Hons) in Computer Science, NTU
- 27. Bachelor of Science (Hons) in Data Science and Artificial Intelligence, NTU
- 28. Bachelor of Engineering (Hons) in Computer Engineering, NUS
- 29. Bachelor of Computing (Hons) in Computer Science, NUS
- 30. Bachelor of Computing (Hons) in Information Systems, NUS
- 31. Bachelor of Science (Hons) in Mathematical Sciences Business Analytics Track, NTU
- 32. Bachelor of Science (Hons) in Data Science and Analytics, NUS
- 33. Bachelor of Science (Hons) in Statistics, NUS
- 34. Bachelor of Science (Hons) in Business Analytics, NUS

Seafaring-related Courses

35. Diploma in Marine Engineering, SMA-SP

36. Diploma in Nautical Studies, SMA-SP

Postgraduate Courses

- 37. Master's by Research, NUS
- 38. Master of Science (Research), NTU
- 39. Master of Engineering (Research), NTU
- 40. Master of Engineering (Research), SIT
- 41. Master of Engineering (Research), SUTD
- 41. Doctor of Philosophy, NUS
- 43. Doctor of Philosophy, NTU
- 44. Doctor of Engineering, SIT
- 45. SUTD PhD Programme, SUTD

NP – Ngee Ann Polytechnic

NTU - Nanyang Technological University

NUS - National University of Singapore

SIT-NU – Singapore Institute of Technology with Newcastle University

SMU - Singapore Management University

UoP – University of Plymouth, UK

SMA-SP – Singapore Maritime Academy, Singapore Polytechnic

SP – Singapore Polytechnic

SUTD - Singapore University of Technology and Design

Annex B – Tripartite Maritime Scholarship (TMSS)

1. About the TMSS

The Tripartite Maritime Scholarship (TMSS) was introduced in 2002 to help build up a core group of local marine officers by encouraging locals to take up seafaring as a career. The scholarship, sponsored by the Maritime and Port Authority of Singapore (MPA), seafarer unions (Singapore Maritime Officers' Union & Singapore Organisation of Seamen) and shipping companies, aims to groom promising students to be Ship Captains or Chief Engineers of ocean-going merchant ships, and eventually take on leadership roles in the maritime industry. 260 TMSS have been awarded since 2002.

TMSS is open to students pursuing the Diploma in Nautical Studies or Diploma in Marine Engineering at the Singapore Maritime Academy (SMA), Singapore Polytechnic (SP). Pursuing a Diploma in Nautical Studies would prepare the scholar to become a Deck Officer. A Deck Officer will eventually progress and be appointed as a Ship Captain. Pursuing a Diploma in Marine Engineering trains scholars to become marine engineers onboard ships and who will eventually progress to become Chief Engineers on board sea-going vessels.

2. Courses Supported by the TMSS

Maritime diploma courses

- 1. Diploma in Marine Engineering, SMA SP
- 2. Diploma in Nautical Studies, SMA SP

Annex C – List of Partners supporting the MaritimeONE Scholarship

- 1. "K" Line Pte Ltd
- 2. AET
- 3. American Bureau of Shipping
- 4. Bernhard Schulte Shipmanagement (Singapore) Pte Ltd
- 5. BW Maritime Pte Ltd
- 6. China Classification Society Singapore
- 7. CMA CGM Group
- 8. Eastern Navigation Pte Ltd
- 9. The Idan and Batia Ofer Foundation
- 10. Equatorial Marine Fuel Management Services Pte Ltd
- 11. Grindrod Shipping Pte Ltd
- 12. International Bunker Industry Association (Asia) Limited
- 13. Jurong Port Pte Ltd
- 14. Koch Shipping Pte Ltd
- 15. Lynux Shipping Bulk Pte Ltd
- 16. M3 Marine Group Pte Ltd
- 17. Maersk
- 18. Norden & Orient Fond
- 19. NYK Shipmanagement Pte Ltd
- 20. Ocean Network Express Pte Ltd
- 21. Orient Maritime Agencies
- 22. Pacific Carriers Limited
- 23. Pacific International Lines Pte Ltd
- 24. Pertamina International Shipping Pte Ltd
- 25. PSA Corporation Limited
- 26. Seatrium Limited
- 27. Singapore Maritime Institute
- 28. Singapore Shipping Association
- 29. Singapore Maritime Academy
- 30. Stamford Shipping
- 31. Teekay Marine (Singapore) Pte Ltd

- 32. The Chua Chor Teck Memorial Fund
- 33. The Oza Family
- 34. Tidewater Offshore Operations Pte Ltd
- 35. Trust Energy Resources Pte Ltd
- 36. Ultrabulk Shipholding (Singapore) Pte Ltd
- 37. University of Plymouth
- 38. Wilhelmsen Ship Management
- 39. X-Press Feeders Limited

Annex D - Profile of Selected Scholarship Recipients

2024 "K" Line—MaritimeONE Scholar, Ms. Koh Xiang Yun: Making Shipping more Efficient and Sustainable

As a final-year maritime studies student at the Nanyang Technological University, Ms. Koh Xiang Yun is passionate about the sea and its role in global trade. Her career goal is to become a ship operator, focusing on integrating advanced technologies and sustainable practices to enhance the efficiency of future maritime operations.

"My fascination with the sea and its role in global commerce inspired me to join the maritime industry, where I can blend my love for the ocean with cutting-edge technology. I aspire to lead innovative projects that enhance efficiency and sustainability in maritime operations."

<u>2024 NYK—MaritimeONE Scholar, Ms. Zaara Batrisyia Binti Ashraf: Leading the</u> Next Generation of Female Seafarers

A first-year student pursuing a Diploma in Nautical Studies at the Singapore Maritime Academy, Singapore Polytechnic, Ms. Zaara was inspired by the global nature of maritime which offers exposure to diverse cultures, career mobility, and a meaningful purpose in driving world trade and the global supply chain. She aspires to become a ship captain one day and a leader to the next generation of female seafarers.

"I have always aspired to be a ship captain ever since I was young as I was intrigued by seeing all the anchored vessels along the southern coast of Singapore. Being a deck officer and eventually a ship captain is a personal goal as I will only feel accomplished when I have the four stripes on my shoulder. Knowing my passion, I applied for the Diploma in Nautical Studies via the Direct Admission Exercise. Entering the course is the first step towards my lifelong dream. This scholarship will help me greatly in reaching where I want to be eventually, a ship captain."

<u>2024 PCL—MaritimeONE Scholar, Mr. Loh He Xi Jose: Spurring Maritime's Data-</u>driven Transformation

Interested in exploring the many possibilities in utilising data analytics and artificial intelligence models, Mr. Jose Loh, a first-year business analytics undergraduate at the National University of Singapore, believes that the integration of digital systems into a people-centric maritime industry will be the catalyst for its growth in the next decade.

"My interest in maritime stems from the complex and dynamic nature of this industry, where I believe opportunities can be created. I hope to support the decarbonisation and digitalisation initiatives of this industry by harnessing the potential of big data and artificial intelligence."

<u>2024 The Chua Chor Teck Memorial Fund—MaritimeONE Scholar, Mr. Lau Ji</u> Min: Engineering a Greener Maritime Future

Mr. Lau Ji Min first embarked on his maritime journey with a Diploma in Marine Engineering at Singapore Polytechnic. Now a second-year undergraduate studying naval architecture and marine engineering at the Singapore Institute of Technology, he hopes to inspire the next generation to contribute towards a more environmentally responsible and sustainable maritime future.

"My passion for the ever-evolving maritime industry stems from a desire for continuous learning and to drive transformation through innovative, sustainable practices. I aspire to build my expertise in green ship technologies and advanced systems while mentoring the next generation of marine engineers."

2024 SMI—MaritimeONE Postgrad R&D Scholar, Mr. Sharul Baggio Bin Muhamed Roslan: Deepening Singapore's R&D Capabilities in Maritime Decarbonisation

Mr. Sharul, who is currently in his first year of pursuing a Doctor of Engineering (DEng) at the Singapore Institute of Technology, seeks to advance his research in areas such as maritime decarbonisation, renewable energies, system modelling, and digital twinning, to achieve the eventual goal of reducing GHG emissions from ships and ports.

"I believe the maritime industry has the potential to play a vital role in addressing some of the most pressing challenges the world is facing today, such as climate change. As an academic researcher, I hope my research will make significant contributions to the decarbonisation of maritime in Singapore, while providing me with opportunities to enhance future maritime studies."

2024 TMSS Scholar, Ms Archana D/O Chandrasegaran: Fulfilling Aspirations

Ms Archana Chandrasegaran, a first-year student at the Singapore Maritime Academy, Singapore Polytechnic is pursuing a Diploma in Nautical Studies. She was awarded the Tripartite Maritime Scholarship, sponsored by PACC Ship Managers Pte Ltd. Inspired by her late father, who dreamed of becoming a ship captain, Archana is determined to fulfil both her father's childhood dream and her own goal of becoming a ship captain. She hopes to pave the way and inspire other aspiring female seafarers by serving as a future role model in the industry.

"The seafaring sector is dynamic, offering many exciting growth opportunities. The scholarship provides me with the resources to begin my journey as a young seafarer, fulfilling both my father's childhood dream and my own aspiration to become a ship captain. I am eager to begin my internship as a deck cadet, gaining hands-on

experience and deepening my understanding of vessel operations. I also hope to serve as a role model for other aspiring female seafarers in the future."