



Global Maritime and Port Services Pte Ltd

We are a privately-owned Singapore-based maritime services and port engineering design and consultancy company. Our services include the following:

- **Strategic and Concept Master Planning.**
- **Front-End Engineering Design.**
- **Detailed Structural Analysis.**
- **Detailed Engineering Design.**
- **Independent Engineering Advisor.**
- **Port and Maritime Training and Education.**
- **Hydrography Advice and Service.**
- **Navigation Expert Advice.**
- **QP Supervision of Port and Jetty Construction.**
- **Technical Audit and Due-Diligence Verification.**
- **Project Management.**
- **Terminal Operations and Maintenance.**
- **Port Regulatory Review.**
- **Terminal Operations IT Network Design.**
- **Port Community IT Architecture Design.**
- **3D Renderings and Animation.**



PROJECT GALLERY

Consultancy and Detailed Engineering Design
Jazan Port, Saudi Arabia



Independent Technical Advisor to Italian-Thai Development,
Dawei Sea Port and Special Economic Zone Project in Myanmar



Laem Chabang Port Phase 3 Development
Thailand



ELF Petroleum Jetty Upgrade
Jasra, Brunei



Project Management.
Sand Deposition Site off Tuas, Singapore



Tender Design, King Abdul Aziz Port
Second Container Terminal,
Dammam, Saudi Arabia



SOME OF OUR KEY CLIENTS



Global Maritime And Port Services Pte Ltd (GMAPS) was established in 2004 as a privately-owned, Singapore-based, maritime services and port engineering consultancy company. Its competencies include strategic and concept master planning; hydrography advice and service; Navigation expert advice; QP supervision of port and jetty construction ; technical audit and due-diligence verification; project management; terminal operations and maintenance; front-end engineering design; detailed structural analysis; detailed engineering design; port and maritime training and education; independent engineering advisor; ship statutory inspections and surveys; port regulatory review; terminal operations IT design; port community IT designs 3D renderings and animation.

SENIOR PARTNERS:



Executive Chairman: GOON Kok Loon

Port management & operations specialist with over 38 years international work experience including mergers and acquisitions, and greenfield port developments. Former Deputy Group President, PSA Corporation Ltd. and President of its International Business Division.



Executive Director: Capt. Wilson CHUA

Master Mariner and an expert in Hydrography and Navigation with over 45 years of experience. Former Singapore Chief Hydrographer.



Executive Director: L. K. SHERI

Specialist in Maritime and Port Regulatory Legal Frameworks. Former Chief Legal Officer of Maritime and Port Authority of Singapore.



Managing Director: Capt. James FONG

Extra Master Mariner. Former Singapore Port Master. Specialist with decades of experience in managing, operating and controlling navigation and maritime operations. Specialist Master Planner for Port facilities.

GMAPS partners were among a core group of PSA officers who developed the wharf facilities to facilitate the start of containerisation in Singapore as early as the 1970s, and who later carried on with creating new infrastructure which enabled the port to grow over four decades. Currently, well over 28 million TEUs of containers a year are handled across the PSA wharves. Singapore's port is the world's busiest, where a vessel enters or leaves the port limits every 3 minutes. These officers also ventured regionally and into China, the Middle-East, India and Europe.



Today, GMAPS has collaborated with regional companies and specialist professionals to apply the combined experience in Singapore and globally, to work with clients to master-plan state-of-the-art facilities and operating infrastructure. GMAPS is registered with the Asian Development Bank as a consultant body. It has achieved the bizSAFE Enterprise Level 2 from the Workplace Safety and Health Council, a GeBiz trading partner it has also received the ISO 9001:2008 certification for its Management Systems. It is an associate member of the IAPH.



ISO 9001:2008



Port, Maritime & Engineering Consultancy

GMAPS has a team of experienced professionals providing engineering designs, project management and maritime-related consultancy services. It is currently involved in port and marine projects in Singapore, Brunei Myanmar, Indonesia and Thailand.

GMAPS partners and consultants have held senior managing and operating positions for many years in the erstwhile Port of Singapore Authority (PSA) and its successor organisations, the Maritime & Port Authority of Singapore and the PSA Corporation, as well as Singapore logistics companies. In GMAPS, these consultants have carried out assignments for Government authorities and agencies as well as private sector clients in Singapore and Brunei, Bangladesh, Indonesia, Saudi Arabia, Bahrain, Oman, Panama, Sri Lanka, Thailand, Myanmar and United Arab Emirates.

GMAPS also has a full engineering team specialising:

- Marine Structures Design & Coastal Engineering.
- Development of Port Master Plans & Feasibility Studies.
- Harbour Design & Terminal Layout.
- Shore Protection & Breakwaters Design.
- Design of Jetties, Piers and Mooring Systems.
- Dredging/Reclamation Management.
- Project Management & Contract Administration.
- Marine Facilities Maintenance.
- Met-Ocean Investigations.

The core group of senior in-house port experts, maritime consultants and engineers comprises the following:



FONG Yue Kwong
Executive Director

Former president of Jurong Port, Singapore has more than 33 years of experience in port management, operation and development of port and related logistics industries locally in Singapore and overseas, in particular China.



LAW Kok Hwa
Senior Vice President

Registered Professional Engineer. Civil Engineer with over 30 yrs of experience in planning and design of marine structures, site supervision and project management. Headed major development works to develop container terminals in Singapore and overseas ports owned & managed by PSA.



R BAWAJEE
Executive Director

Registered Professional Engineer. Over 35 years in developing and managing international marine construction and land reclamation projects. Specialist in project and contract management of infrastructure and port projects.



Capt Mark GOH
Executive Director

Master Mariner. Sailed on various vessel types with NOL. Command experience on both container vessels and bulk carriers. Over 15 years experience in the shipping industry. Project Manager for marine operations.



Franklin Wuisan
Senior Architect

Over 23 years of experience in PSA. Actively involved in PSA's overseas projects in India, Yemen, Portugal, South Korea and Japan.



XU Wenfeng
Civil Engineering Manager

Over 10 years of experience in civil and structural engineering design with various international consultancy firms in Singapore and South East Asia.



POH Khian Meng
Engineering Manager More than 7 years professional experience as a civil engineer. He has been involved in projects such as MRT Stations, jetties, wharves, bridges and civil work projects from design to providing construction support, site supervision and management. Detailed design experiences include reinforced concrete and steelwork designs.



Raju Hungudkar
Senior Engineer Worked in Worley Parsons in Qatar and in Halcrow Group Ltd in Dubai. He was involved in the King Faisal Naval Base, Marriot Abu Dhabi Hotel, Khor Fakkan Port Expansion and Sohar Industrial Port projects.



Ferawati Hariyanto
Geotechnical Engineer Holds an Msc in Water and Wastewater Civil Engineering and BEng in Civil & Structural Engineering also an accredited Resident Technical Officer registered with the Institution of Engineers Singapore. She has worked as a Civil Engineer at WP Brown Pte Ltd, Singapore and has been involved in a number of LTA projects involving covered linkways and pedestrian overhead bridges, previously she was the QP Supervisor for BCA submissions and Planning Engineer in Tiong Seng Contractors Pte Ltd



SOON Soon Beng Senior Consultant
(Port Finance) Over 15 years working experience for the Port of Singapore Authority (PSA) and 30 years experience in financial modelling, cash flow projection, sensitivity analysis and financial statements preparation. He has lived and worked abroad for several years in Yemen, Portugal and Pakistan. He is experienced in conducting feasibility studies in the port services sector.



Mohd MUSTAFA
Senior Consultant hands-on Logistics Management and Warehouse Operations expert with extensive international experience particularly in Middle East. He started in PSA, handling both conventional and container operations before venturing into main core shipping



Capt TEOH Woi Khon
Senior Consultant Master Mariner. Sailed on various vessel types. Command experience on both general cargo and container vessels. Over 30 years experience in the shipping industry. Formerly PSA Container Terminal Ship Planner. Senior consultant for Marine Operations.

Marine Jetty and Offshore Support Base, Loyang Singapore



Inland River Container Terminal, Bangladesh



Enhancing Container Freight Station Capacity and Operations Efficiency, Mumbai India



Feasibility Study to Develop an International Container Hub Port, Nantong China



Capt Ron VARDON
Training Director

Master Mariner with more than 50 years of experience. Former Harbour Master for the Port of Rangoon, former Principal of the Institute of Marine Technology, former Head of Nautical Studies and Maritime Transportation of Singapore Polytechnic. Experience includes International Safety Management Code and Quality Assurance Specialist in Lloyd's Register of Shipping



Frederick SU

Senior Consultant Extensive knowledge and experience in all facets of Conventional, Container and Car Terminal Operations during his 29 years career with PSA and abroad. His overseas experience involved port planning, development & start-up of ports in Africa and India.



Mel SNG

Senior Consultant Over 15 yrs of experience, as a supply chain & logistics management and investments specialist in Jurong Port, CWT Distribution and other companies in South & South East Asia, China, and Europe. In Jurong Port, he led a team for the feasibility and due diligence studies for a major multi-purpose port investment initiative in China.



Eugene TAN

Senior Consultant A Port Development Expert with over 15 years experience in Singapore, South-East Asia and Africa. Extensive experience in Terminal Operations and Logistics with oversight management of seven operational ports and terminals in South East Asia, Africa and the Mediterranean regions.



TAN Choon Meng, Francis

Senior Consultant Logistic professional with background in transportation and logistics, project management and customer relationship management. He was also involved in warehousing, logistics management and operations, project management process improvements, as well as providing customer service support.



Nizam Abdul GHAFAR

Project Manager Over 13 years experience helping to set up the container terminal in Jurong Port. With knowledge in container terminal operations and experience in managing projects, he helped scope out Terms of Reference (TOR) for potential clients, prepare proposals, reports and presentations and perform project feasibility studies.



ZHOU Ting

Project Manager A certified Project Management Professional (PMP). Hands-on experience in setting up organizational project management office (PMO) and developing project and program management processes. Successfully completed management consulting projects and programmes.

GMAPS Engineering Services

GMAPS has a wholly-owned subsidiary **GMAPS Engineering Services Pte Ltd (GES)**, GES is registered with the Professional Engineers Board of Singapore under the Professional Engineers Act.

The Directors of the company include registered Professional Engineers: R Bawajee and Law Kok Hwa, in addition, Vice President (Engineering) Chew Saw Tin is also a registered Professional Engineer.

Engineering Design
Inland Port at Taliabu Island, Indonesia



Design of a RORO Ferry Terminal and Conventional Wharf,
Tanjong Lumba-Lumba, Brunei



Education & Training Services

GMAPS has developed and conducted a wide range of specialised courses for the maritime industry in Singapore and internationally.

GMAPS provides quality training in nautical concepts and maritime skills. It has the expertise, in-depth knowledge and experience in the maritime and port industry. GMAPS draws its strength from a faculty that comprises senior practitioners who have had long standing associations with world-class ports shipyards and government organisations,



ISO 9001:2008

Topics covered include port management, port development, logistics, port financial analysis, IMO & ILO Standards (eg. SOLAS, STCW), training for merchant naval ratings, workplace safety and health, cargo handling/stevedoring, maritime resource management, International Safety Management ("ISM") Audits, leadership evaluation and assessment program, Maritime Convention 2006 (MLC), Training Course for Instructors (IMO MC 6.09) and IMDG Code (IMO MC 1.10).



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