Singapore’s Oil & Gas Capabilities

Partnering Latin America in the Oil & Gas industry
End-to-end Offshore Exploration & Production (E&P) Services and Capabilities

Singapore started off as a small ship repair and building centre serving the Southeast Asian region. Today, Singapore companies are global players in the offshore sector, with a substantial global market share in offshore rig building, ship repair and conversions.

- Offshore rig building: Singapore companies generated 65% of the industry turnover
- Ship repair & conversion: Singapore companies generated 32% of the industry turnover

Singapore, a nation with no natural oil resources, commands 70% of the world’s market share of FPSO conversions and more than 30% of the global market share of jack-up rigs and semi-submersibles new builds.

Singapore companies provide the following offshore solutions and services:

- Concession Owners/ Operators;
- Integrated Offshore & Marine (O&M)/ Engineering, Procurement, Construction and Installation (EPCIs) providers;
- Vessel Owner-Operators;
- Shipyard/ Structural/ Fabrication/ Maintenance, Repair, Overhaul (MRO);
- Topsides, Process, Utility Modules/ Engineering, Procurement And Construction Commissioning (EPCC) contractors;
- Offshore, Deck Machinery/ Original Equipment Manufacturers (OEMs);
- Systems Integrator/ Turnkey Engineering solutions providers;
- Oilfield Equipment, Tools Component Manufacturing/ Fabrication providers;
- Mooring/ Rigging/ Lifting servicers and suppliers;
- Operators of Offshore Base Logistics/ Project Cargo Handling;
- Design, Consultancy & Professional Services providers; and
- General Services & Supplies/ Stockists.
Sharing Singapore’s Oil & Gas capabilities with the world
Singapore companies have gained a solid reputation as world-class Oil & Gas service providers. Singapore companies have provided their comprehensive suite of end-to-end solutions and services to clients worldwide, including global companies such as Diamond Offshore, ENSCO, Grupo R, Maersk Group, MODEC, Pemex, Petrobras, Saipem, SBM Offshore, and Transocean.
Wide range of Onshore Process and Engineering Service capabilities
Within the onshore Oil & Gas space, Singapore companies provide a wide range of process and engineering service capabilities:

ENGINEERING, PROCUREMENT, CONSTRUCTION & MAINTENANCE
- Engineering works
- Plant design and construction
- Building construction & civil works
- Plant maintenance
- Tank storage
- Marine engineering works
- Mini-LNG

EQUIPMENT AND MATERIALS FABRICATION
- Equipment and heavy lifting installation
- High quality bolts and nuts for O&G structures
- Process analysers
- Exchangers, columns, pressure vessels
- Fixed equipment
- Rotating equipment
- Ship fabrication

ENGINEERING SERVICES
- Chemical & vessel tank cleaning
- Master Planning
- Fire protection and MEP
- IT solutions
- Telecommunications
- Bolt tensioning
- In-situ machining
- Electrical & instrumentation
- Piping works
- Blasting & painting

Why partner Singapore?

01 QUALITY AND RELIABILITY
Singapore companies own a sizable market share in rig building. Many new rig orders awarded to Singapore are for the proven high-performance proprietary jack-up rig designs such as KFELS B Class and Pacific 400 Class owned by Singapore shipyards.

02 TIMELY DELIVERY
Singapore companies are renowned for reliability and timely delivery. Singapore’s world-class logistics infrastructure, sea ports and air freight facilities, superior warehousing and worldwide connectivity have created an efficient supply chain management that is critical for rig building.

03 HIGH SAFETY STANDARDS
Singapore companies ensure safe working environment for employees, protection of the environment, and the safeguarding of owners’ plants and equipment. Shipyards and marine companies have incorporated workplace safety and health into their operations and have put in place workplace safety and health management systems to eliminate hazards, risks and raise safety awareness levels among workers.
Singapore companies ready to serve Latin America

INTEGRATED O&M/ EPCI PROVIDERS

KEPPEL OFFSHORE & MARINE
www.keppelom.com
- Offshore rig design
- Construction and repair
- Ship repair and conversion
- Specialised shipbuilding

Latin America
Keppel operates 2 yards in Brazil: (i) the BrasFELS yard located in Rio de Janeiro and (ii) the Keppel Singmarine Brasil shipyard located in Navegantes, Santa Catarina. Keppel Singmarine Brasil, endowed with a 300m waterfront area, can accommodate the construction of ships such as anchor handling tug and supply vessels, platform supply vessels, oil recovery support vessels and harbour tugs.

Worldwide
Keppel Offshore & Marine is also present in Singapore, Asia Pacific (Australia, China, India, Indonesia, Japan, the Philippines, Vietnam), Europe (Bulgaria, the Netherlands), Middle East region (Qatar, UAE), and US.

Clients
INPEX, MODEC, SBM Offshore, Schahin Group, Total

SEMCORP MARINE
www.semcorpmarine.com.sg
- Rig building: designing of rigs and drillships
- Offshore Engineering and Construction: engineering and construction of offshore platforms
- Repair and Upgrading
- Specialised Shipbuilding
- Ship Conversion

Latin America
Sembcorp Marine’s Estaleiro Jurong Aracruz yard in Brazil is located in the municipality of Aracruz, Espirito Santo. Estaleiro Jurong Aracruz is equipped with facilities, including a 1km berthing quay, ancillary piping facilities and steel fabrication workshops. It also has the capabilities to undertake construction of drillships, semi-submersibles and jack-up rigs, platforms and supply vessels, FPSO integration and topside modules fabrication. Besides Brazil, Sembcorp Marine is also present in Singapore, China, India, Indonesia, UK and US.

Clients
Hercules North Sea, Marco Polo Marine, Saipem, Transocean

DID YOU KNOW?
Sembcorp Marine’s Estaleiro Jurong Aracruz is the biggest green-field investment by a Singapore company in Brazil’s offshore and marine sector.

EMAS
www.emas.com
- Offshore construction & installation
- Offshore support vessels
- FPSO solutions
- Fabrication services

Latin America
EMAS has presence in Asia Pacific, Africa, Americas and Europe. In the Americas region, EMAS finalised triple contract signings with Noble Energy for subsea tie-back projects in the US Gulf of Mexico, delivering capabilities such as the fabrication of subsea structures and spooling of pipes.

Clients
BG Group, BHP Billiton, BP, Chevron, Eni, ExxonMobil, Petrobras, Statoil, Santos, Total

SWIBER
www.swiber.com
- Offshore construction services
- Offshore marine services
- Design & EPCI services

Latin America
In the Gulf of Meixco, Swiber has worked with Pemex E&P on the Dos Bocas Line 5 Project, Gulf of Mexico. Swiber procured and constructed 36” x 77km of Coastal Linking Platform to TMDB (Line 5) Offshore Pipeline including HDD shore approach and onshore tie-in. Swiber also has presence across Asia Pacific, Middle East and Latin America.

Clients
CNP, ONGC, Pemex, Santos, Shell, Total
**PACIFIC RADIANCE**

www.pacificradiance.com

- Offshore support services and providing vessels for E&P
- Subsea services and providing subsea vessels
- Ship repair, maintenance, shipbuilding project management services
- Design and fabrication of marine equipment

**Global Presence**
The Pacific Radiance Group is headquartered in Singapore with offices in Brazil, Mozambique and Indonesia. Pacific Radiance has presence in Asia, and experience operating vessels in Brazil, Africa, Australia and Russia.

**Clients**
BG Group, Eni, Pertamina, Petrobras, Saipem, Shell, Total

**TOPSIDE AND PROCESS MODULES EPCC CAPABILITIES**

**DYNA-MAC**

www.dyna-mac.com

- Full and complete turnkey project management for marine FPSO topside modules construction, subsea products, semi-submersibles, repair of oil rigs, power generation facilities
- Engineering, project management through the pre-construction planning to handover of project

**Asia**
Dyna-Mac owns construction yards in Singapore, China (100,000 sqm) and Malaysia (211,150 sqm).

**Clients**
MODEC, SBM Offshore, Shell

**OFFSHORE, DECK MACHINERY/ OEMs CAPABILITIES**

**JEBSEN & JESSEN OFFSHORE**

www.jjsea.com

- Engineering, fabrication, construction, installation and commissioning services to owners and operators of OSVs and major shipyards
- Cable distributor with a huge network and inventory to service the offshore and marine industry
- On-site services within 48 hours for global clients (outside of Singapore, Indonesia, Malaysia and Thailand)

**Global Presence**
Jebsen & Jessen Offshore has offices in Singapore, Australia, Brazil, China, Malaysia and UAE.

**Clients**
BHP Billiton, BW Offshore, Keppel, SBM Offshore, Seadrill, Sembcorp, Transocean

**PH HYDRAULICS & ENGINEERING**

www.phhyd.com

- Design/ manufacture hydraulics machinery for Offshore, Oil & Gas industry
- Rental of hydraulics machinery
- Overhaul/ servicing of hydraulics machinery
- Hydraulics components and spares

**Global Presence**
Headquartered in Singapore, PH Hydraulics & Engineering has presence in Africa, Central Asia, Middle East, New Zealand, North America and Russia.

**Clients**
BrasFELS, Estaleiro Enseada do Paraguacu, Petrobras

**DID YOU KNOW?**

In 2014, PH Hydraulics & Engineering successfully delivered a 550-tonne Riser Pull-in Winch System for Petrobras, a first of its kind built in Singapore.
SYSTEMS INTEGRATORS, TURNKEY ENGINEERING SOLUTIONS FOR SHIPBOARD AND RIG-BASED SYSTEMS

**EXCEL MARCO**

[www.excelmarco.com](http://www.excelmarco.com)

- Process automation and safety systems
- Tank gauging systems
- Power management systems
- Telecommunications systems

**Global Presence**

Excel Marco has global offices in Abu Dhabi, Brazil, and Shanghai, China.

**Clients**

Estaleiro Jurong Aracruz Shipyard, ExxonMobil, Keppel Fels, MODEC, SBM Offshore, Sinopec

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GENERAL SERVICES & SUPPLIES/ STOCKIST

**GARDYON**

[www.gardyson.com](http://www.gardyson.com)

- Specialist in fire protection technology for the Oil & Gas industry
- Research and development
- Engineering and manufacturing of fire protection and insulation systems
- Installation and maintenance of fire protection and insulation systems

**Global Presence**

Gardyson has global presence in Singapore, Brazil, Europe, Mexico, UK and US.

**Clients**

BG, BP, ConocoPhillips, ExxonMobil, Petrobras, Peremex, Shell, Total

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**OMEGA INTEGRATION**

[www.omega-in.com](http://www.omega-in.com)

- Turnkey solutions for the integration of multiplatform systems
- Specialises in fire & gas detection systems and telecommunications
- On-going maintenance for a wide range of facilities including offshore rigs, semi-submersibles, FPSO, petrochemical plants, pipelines and airports

**Global Presence**

Omega Integration has a track record of offshore projects in Brazil, the Gulf of Mexico, Indonesia, Malaysia, Uruguay and US, with offices in Singapore, China, Indonesia, Japan, Korea, Malaysia, and Vietnam.

**Clients**

BP, British Gas, Chevron, Diamond Offshore, Excel Marco, ExxonMobil, Hyundai, Maersk, Petrobras, Petrogal, Transocean

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**International Enterprise Singapore**

International Enterprise (IE) Singapore is the government agency driving Singapore’s external economy. We spearhead the overseas growth of Singapore-based companies and promote international trade.

With our global network in over 35 locations spanning many emerging markets, we connect businesses with relevant Singapore-based companies for their business expansion. Renowned worldwide for their dedication to quality and innovation, Singapore-based companies make ideal business partners.

We also position Singapore as a base for foreign businesses to expand into Asia in partnership with Singapore-based companies. Singapore’s unique advantages of strategic location, stable government, competitive workforce and pro-business environment make it an ideal launch pad to the region.

In the Americas, we are present in 4 locations, namely Los Angeles and New York in US, Mexico City in Mexico and São Paulo in Brazil.

Visit [www.iesingapore.com](http://www.iesingapore.com) for more information.
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