



# WORLDWIDE TRUSTED SHIPYARD

Overview of Marine Repair Business Unit (MBU)  
Malaysia Marine And Heavy Engineering Sdn. Bhd.

2016



"Transformation for Success"

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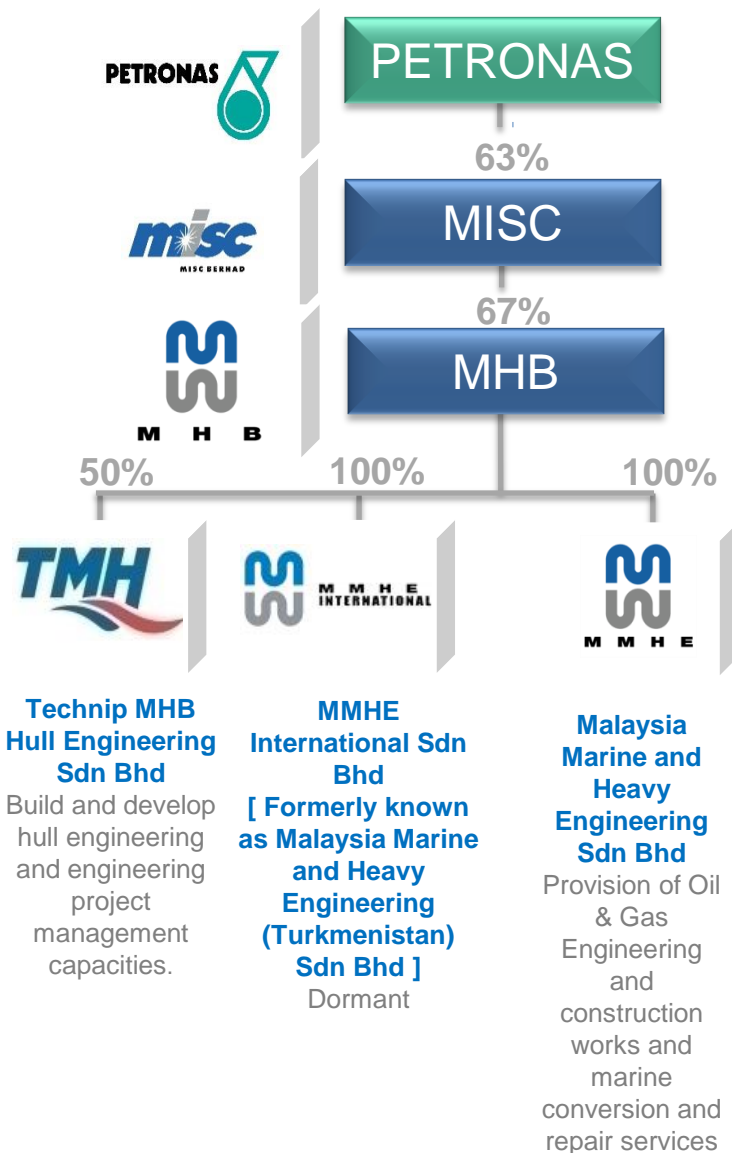
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# Corporate Structure



## Our Core Businesses...





# STRATEGIC LOCATION

- + **Well-Positioned** along one of the busiest shipping lanes of the South East Asia
- + **Thriving** in the heart of the heavy industrial area of Pasir Gudang, Johor, Malaysia
- + **Supported** by well-developed surrounding infrastructures
- + **Easily Accessible** from Singapore's main business districts and industrial estates
- + **Logistic Service** free from Singapore's bonded warehouse to MMHE (2 trips per day)
- + **MMHE West & East** Tax free zone/bonded yard





# World Class Facilities ♦ MMHE West Yard



**MMHE West Yard:**

- Area: 150.6 hectares
- Seafront: 1500 m
- Capacity: 69,700 MT/yr.

No	FACILITY	SIZE (m)	CAPACITY
1	DRY DOCK 1	385 x 80 x 14	450,000 dwt
2	DRY DOCK 2	270 x 46 x 12.5	140,000 dwt
3	LANDBERTH 1	345	142 tonnes/m
4	LANDBERTH 2	345	125 tonnes/m
5	WEST FINGER PIER	300 (L) x 25 (W)	390,000 dwt
6	QUAYS (X7)	Up to 369	7m draft (avg)
7	SHIPLIFT	188 x 33.8 x 8	50,000 dwt

## LNG CARRIER FACILITIES

- Cryogenic workshop (750m<sup>2</sup>)
- Invar welding centre
- Mobile cargo tanks monitoring instruments console (GTCR)

## VARIOUS CRANAGE

- 16 yard level-luffing cranes
  - 15 to 80 tonnes
- 6 crawler cranes
  - 150 to 450 tonnes

## 35 SERVICE & PRODUCTION WORKSHOPS

- Area: 102,450 m<sup>2</sup>
- Hull, Machinery, Piping & Valve, Electrical

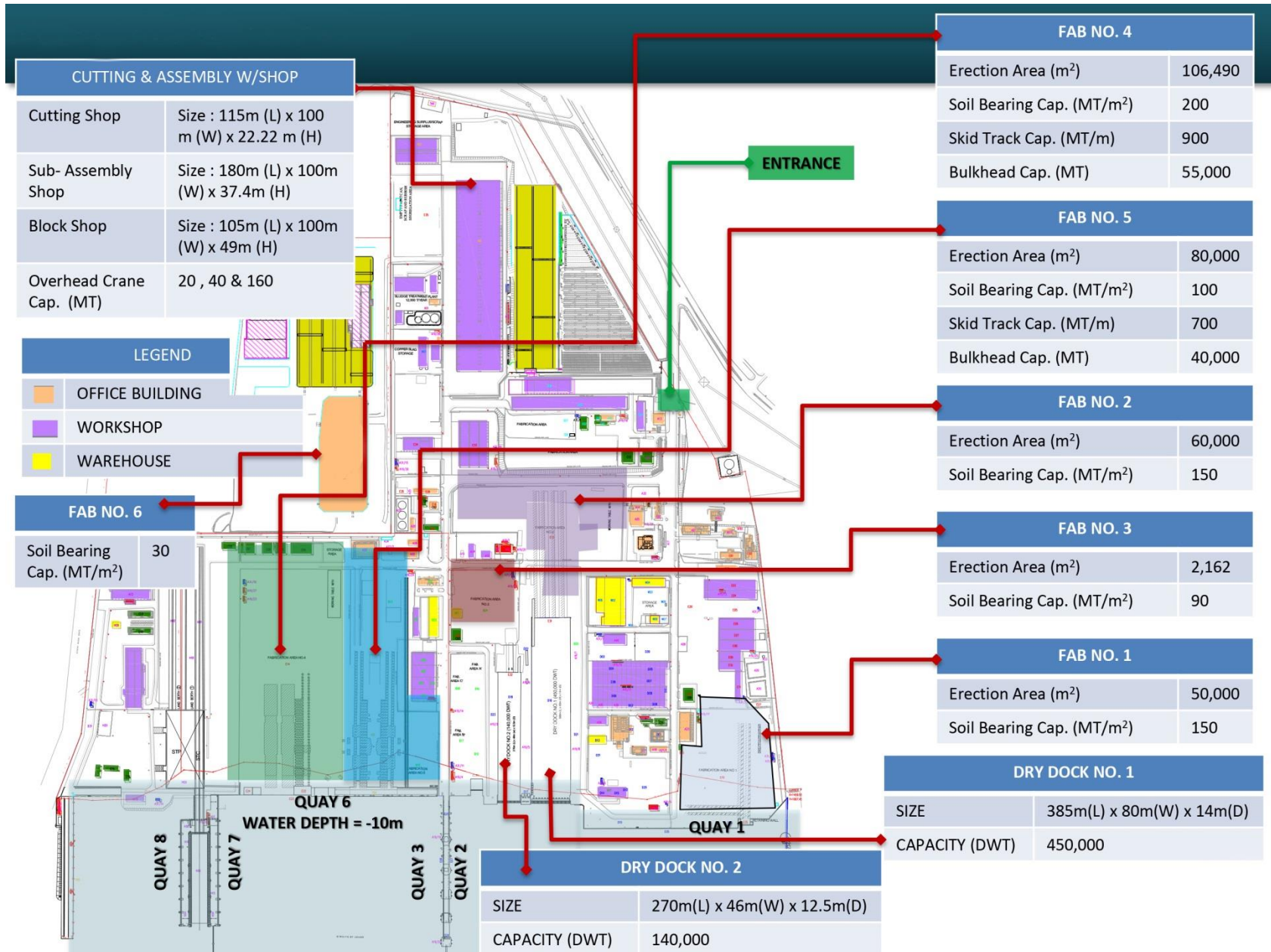
## CUTTING & ASSEMBLY WORKSHOP

- Area: 99,000 m<sup>2</sup>
- Refer to next slide for details

## 7 FABRICATION AREAS

- Area: 341,680 m<sup>2</sup>
- Refer to yard layout

# World Class Facilities ♦ MMHE West Yard Layout





# World Class Facilities ♦ Cutting & Assembly Workshop

## CUTTING & ASSEMBLY WORKSHOP

- Area: 99,000 m<sup>2</sup>
- Size: 100m(W) x 400m(L) x 35m(H)-for Main Block Shop
- Full capacity for production since Aug 2009
- Divided into 3 sections: Cutting Shop, Sub-Assemble & Compt, Main block shop
- Various Overhead Cranes: From 20T to 160T
- Capacity up to 3,000MT/month of cutting works & 10,000MT/year of finished product.

Plasma Cutting MC



T-Bar Fab Line



Stiffener Welding MC



Welding Gantry



Plate Joint Machine



Gas Cutting MC



SAW Welding



Stiffener Fit-Up MC



Welding Gantry



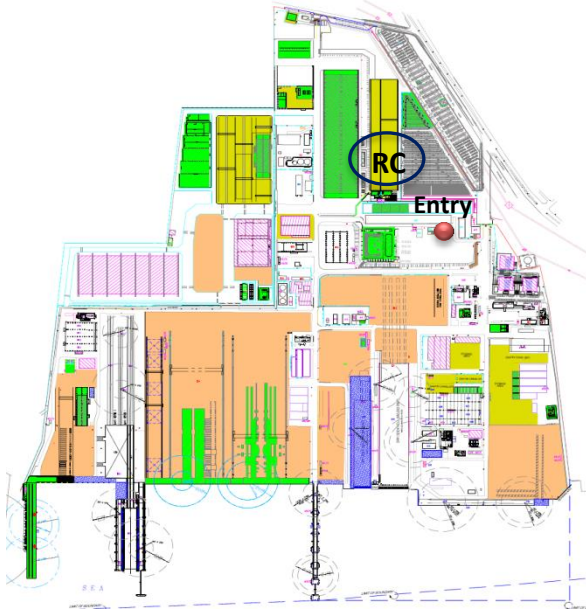
S/G Crane





# World Class Facilities ♦ New Facilities

## Center of Excellence (COE) & Recreation Center (RC)



MMHE Centre of Excellence  
PLO 468, Jln Pekeliling

COE



View Of COE



**State-of-the-art** 4 – acre campus located in Pasir Gudang

**Training and Competency** development programmes in a safe and controlled environment

**Real and hands-on** working experience

No	Training
1	Confined Space Simulators
2	Scaffolding Simulators
3	Facilities for Firefighting
4	Facilities for Blasting & Painting
5	Electrical Training Booth
6	Safety information Area
7	Welding Bays
8	Classrooms
9	Auditorium



**Five story building complete with in-house facilities**

No	Available
1	New Canteen
2	Gym Room
3	Sports Center



RC



# World Class Facilities ♦ New Facilities

## Blasting & Painting Workshop (BPW)



## Blasting & Painting Workshop Facilities

No	Packages	Activities at site / Remark
1	Civil Works	Punch list works in progress
2	Blasting & Painting works	Completed
3	Steel Structure	Remaining works at mega door beam structure
4	Roofing & Wall Cladding	In progress
5	Electrical Works	In progress
6	Mechanical Works	In progress
7	5T Overhead Crane	Pending testing & commissioning

# World Class Facilities ♦ On Going Upgrades

## 2 Goliath Crane (G)



Contractor : Jiangsu HuaCheng Heavy Industry Co. Ltd.

Completion Date : 2016

Specification:  
1 crane each over 55,000MT and 40,000MT Skidtracks

Goliath Crane:  
2 nos 600MT x 150m Span x 100m Height with 2x200MT hoist  
on Upper trolley, 1 x 350MT Lower trolley; 1 x 50MT Auxiliary  
Hoist and 1 x 20MT Service Crane



**Experienced**

**Qualified**

**Committed**

**“Our People are Our Greatest Asset”**

## **MMHE continues to Grow and Succeed**

Thanks to its strong commitment to **people development through world-class training programs and strategic partnerships.**

**Our strategy on**

### **Foreign Workers**

- An available pool of **trained workers** for multi-tasking intensive jobs.
- **Less dependence on subcontractors.**

**Over**

**900**

**Staff**

**Qualified & Dedicated**



# MMHE Certified for its QHSE

**MMHE is ISO 9001:2008 certified for its Quality Management System.**



**MMHE is OHSAS 18001:2007 & ISO 14001:2004 certified.**



MMHE is committed to **ensuring a consistent high quality of service delivery** to our clients' satisfaction. We ensure that all activities are monitored and carried out as planned and all our facilities are well maintained for our optimum performance.

On 10 April 2012, MD/CEO launched **MMHE 10 Safety Rules** with the message "**working together hand in hand towards the same goals will protect the safety of our people and demonstrate our safety commitment in our plan, task and execution.**"



## Aspiring to be the Highest in Safety

MHB is consistently elevating safety management and practice in the workplace. We never compromise on people wellbeing at all times.

We place safety as our foremost priority in our day to day operations to ensure that **NO ONE GETS HURT.**



## Excellence

### MMHE 10 Safety Rules



| Best Contractor (Fabrication Category) at HSE Awards & Recognition 2012 by PETRONAS Carigali

| Chairman's Safety Award Ceremony 2012 (Grand Award) by ExxonMobil Exploration and Production Malaysia Inc

| HSE Recognition Award 2012 (Service Provider Category) by PETRONAS

| 2013 CEO's HSSE&SP Awards in 'Do The Right Thing' Category by Sarawak Shell Berhad

| The Best Emergency Response Team (ERT) in Johor, Malaysia - Johor ERT Challenge 2013, organised by the Malaysian Fire and Rescue Department

| Most Productive Top HSE Risks Implementation in 2014 (SK316-NC3) by PETRONAS Carigali



OHSAS 18001:2007 (since 2005)

ISO 9001:2008 (since 1994)

ISO 14001:2004 (since 2010)

# MMHE Quality & HSE Campaign

## MANAGEMENT PROGRAM

### Monthly HSE Management Meeting



### Monthly HSE Walkabout



### Weekly management sharing session



### Good Job card



### Line Manager Daily Management Walkabout



### Top Management weekly HSE walkabout

### Weekly Project Specific HSE Meeting

## SAFETY

### Gantry & Overhead crane safety practice program.



- Workshop Inspection
- Pamphlet distribution
- Safety practice awareness via safety talk

### Working at Height Awareness



- WAH awareness to Scaffolding department.
- Body harness demonstration
- Suspension Trauma explanation.

## HEALTH

### Dehydration Prevention awareness.



### Annual audiometric program



### Drug and alcohol test.



### Local Exhaust Ventilation (LEV) Inspection



### OHD Confined Space Medical Checkup



## ENVIRONMENT

### Launching of CLASS regulation



### Environment Site Inspection



### Schedule Waste Management Awareness



## TRAINING

### HSE Development program



### Waste management for new joiner



### Vessel Emergency Drill



### AESP competency Training











### Client Arranged contractor HSE Briefing

### Ship crew HSE briefing



# Audited and Recognized

No	Company Name	Logo	Date
1	Royal Malaysian Navy		4 <sup>th</sup> Feb 2015
2	Petronas		25 <sup>th</sup> March to 3 <sup>rd</sup> April 2015
3	Fleet Management Service by MISC		Apr 2015
4	EMS ISO 14001 LRQA Surveillance audit		26 <sup>th</sup> to 27 <sup>th</sup> May 2015
5	OHSAS 18001:2007 LRQA Surveillance audit		June 2015
6	Technip Marine Operation Services Audit		July 2015
7	Knutsen OAS Shipping AS		15 <sup>th</sup> to 16 <sup>th</sup> October 2015
8	Slip, Trip & Fall Audit by MISC		December 2015

# Trusted Marine Repair Center

## MMHE IS A ONE-STOP CENTRE WITH TRUSTED COMPREHENSIVE SOLUTIONS

For standard to extremely complex requirements in vessel repair, upgrading, refurbishment, new build, modification and conversion. Our expertise caters to various types of vessels including gas carriers, VLCCs/tankers, Offshore Support Vessels, bulk carriers, container ships as well as Mobile Offshore Units.



**RLE**



**Conversion**



**Jumboisation**



**Drydocking & Repair**



**Offshore Structure**



**New Build**



**Lengthening**



**Turret**





# Trusted World Wide

**OVER 400 CLIENTS SERVED BY MMHE SINCE 1976  
FROM OVER 30 COUNTRIES ACROSS THE GLOBE**

As a global leader, MMHE strives to extend and deliver its trusted services and build strong partnerships worldwide.



# Trusted Expertise ♦ LNG Carriers

## MMHE IS PROUD TO BE ONE OF THE FEW GLOBAL LEADERS IN LNGC REPAIR, UPGRADING, REFURBISHMENT & CONVERSION



### Over 140 LNG Carriers Completed

MMHE has firmly established its core capabilities and name in the specialized LNGC repair sector, evidenced by its rapidly growing and strengthening track record boosted by a continuous stream of LNGC projects and successful deliveries of highly complex projects such as LNGC upgrading/ refurbishment and conversion (to FSU).

### Strategic Partnerships

MMHE has further reinforced its expertise in LNGC repairs through its synergistic alliance with leading agencies, MMHE provides the facilities, in-house experts and skilled manpower while agencies provides marketing support in order for MMHE services to reach out internationally.

MMHE is officially licensed by **GazTransport & Technigaz (GTT)** to carry out membrane cargo containment system (CCS) repairs.

### Various Key Projects Delivered

- LNGC RLE & Conversion to FSU
  - 2012: FSU Lekas
- Major Upgrading/ Refurbishment
  - 2008: Tenaga Tiga
  - 2009: Tenaga Lima
  - 2014: LNG Aquarius
  - 2015: Puteri Intan, Puteri Delima & Puteri Nilam

### Strong Key Capabilities

- Repair, Life Extension & Conversion (RLEC)
- All LNGC Types: Membrane (All Nos., Mark III) & Moss
- Dedicated LNGC Project Management Team
- In-house CCS specialists and manpower
- Cargo tank integrity tests (HT, AET, DPT, SBTT, PBGT)
- Renewal of CCS membranes and insulations
- Overhaul of cryogenic machinery equipment
- Conversion of Custody Transfer Management Systems
- Reinforcement of pump tower base support
- Installation of new cargo pipelines & insulations

### Fully-Equipped Cryogenic Workshop

- Area: 750 m<sup>2</sup>
- Air-conditioned, clean & dust-free
- 3 units of overhead crane (2 x 5T; 1 x 2T)
- Testing manifold: max 10 valves per test (size 50A - 400A)
- Air tank: 18 m<sup>3</sup> for pressure & vacuum testing
- Cryogenic workshop office
- Workshop entrance for 3-tonne lorry
- Aqua manometer
- 2 units of testing bench for relief valves
- Stringent security system
- Operated by well-trained technicians & engineers

### Additional Key Facilities

- 3 Global Test Control Rooms (GTCR)
- Invar Welding Training Centre
- Acoustic Emission & Helium testing equipment
- Liquid Dome Entrance Shelter





# Notable Projects ♦ LNG Carriers

No	Name Of Vessel	Owner	Built	Country	Type	Delivery Date	Remarks
1	Ribera Del Duero Knutsen	Knutsen AOS Shipping	2010	Norway	GT-96	Nov 2015	Drydocking & Repair
2	Puteri Nilam	MISC	1995	Malaysia	GT-96	Sept 2015	RLE
3	Aman Hakata	MISC	1998	Malaysia	MARK III	Jul 2015	Drydocking & Repair
4	Puteri Delima	MISC	1995	Malaysia	GT-96	Jun 2015	RLE
5	Puteri Intan	MISC	1994	Malaysia	GT-96	Jun 2015	RLE
6	Hyundai Oceanpia	Hyundai Ocean Service	2000	Korea	MOSS	Jun 2015	Drydocking & Repair
7	SK Stellar	SK Shipping	2000	Korea	MARK III	Jun 2015	Drydocking & Repair
8	SK Splendor	SK Shipping	2000	Malaysia	MARK III	Apr 2015	Drydocking & Repair
9	Puteri Mutiara satu	MISC	2005	Malaysia	GT-96	Apr 2015	Drydocking & Repair
10	Aman Hakata	MISC	1998	Malaysia	MARK III	Apr 2015	Drydocking & Repair
11	Seri Bakti	MISC	2007	Malaysia	GT-96	Feb 2015	Drydocking & Repair
12	Puteri Intan Satu	MISC	2002	Malaysia	GT-96	Jan 2015	Drydocking & Repair
13	Puteri Firus	MISC	1997	Malaysia	GT-96	December 2014	Drydocking & Repair
14	Seri Angkasa	MISC	2007	Malaysia	MARK III	November 2014	Drydocking & Repair
15	Aman Bintulu	MISC	1993	Malaysia	MARK III	November 2014	Drydocking & Repair
16	Aman Sendai	MISC	1997	Malaysia	MARK III	October 2014	Drydocking & Repair
17	Hyundai Utopia	Hyundai Ocean Service	1994	Korea	MOSS	June 2014	RLE

# Trusted Expertise ♦ LPG Tankers

**OVER 25 YEARS OF EXPERIENCE IN LPG TANKER REPAIRS**

**NO MATTER THE TYPE, SCOPE & EQUIPMENT, WE WILL GET IT DONE RIGHT!**

**Over 75 LPG Tankers  
Successfully Delivered**

With MMHE, rest assured your Cargo Handling Systems (CHS) are in well-experienced hands. We provide a wide-range of services in the repair of CHS; from valves to pumps to compressors to other equipment.

## VALVE OVERHAUL



## VALVE POPPING TEST



## VALVE PRESSURE TEST



**32**

**PRESSURIZED  
LPG TANKERS**



**47**

**REFRIGERATED  
LPG TANKERS**

Intermediate cargo line valves overhaul ♦ Cargo deep well pump & discharge valves overhaul  
Cargo re-heater and discharge valve ♦ Cargo lines pressure testing  
Emergency shut down valves overhaul ♦ Steel work in ballast tank ♦ Hull blasting & painting  
Rudder & tail shaft withdrawal ♦ Safety valves overhaul ♦ Main engine overhaul  
Boiler cleaning & survey ♦ Renew windlass hydraulic & stand pipe



# Notable Projects ♦ LPG Carriers

No	Name Of Vessel	Owner	Built	Country	DWT	Delivery Date	Remarks
1	Brussels	Exmar Shipmanagement NV	1997	Belgium	26,943	Sep 2015	Drydocking & Repairs
2	Gas Soechi XXVIII	Soechi Tanker	1995	Indonesia	3,930	Mar 2015	Drydocking & Repairs
3	Gas Komodo	PT Gemilang Bina Lintas Tirta	1991	Indonesia	56,875	Aug 2014	Drydocking & Repairs
4	Gas Indonesia	Gold Bridge Shipping Ltd.	1990	Singapore	3,607	Aug 2014	Afloat Repairs
5	Gas Dream	KSS Line Ltd	2006	Korea	5,352	Nov 2013	Drydocking & Repairs
6	Northumberland	Zodiac Maritime Agencies Ltd	1990	United Kingdom	16,137	Apr 2013	Drydocking & Repairs
7	Gas Vision	KSS Line Ltd	1996	Korea	49,849	Mar 2013	Drydocking & Repairs
8	BW Liberty	BW Fleet Management AS	2007	Norway	54,975	Nov 2012	Drydocking & Repairs
9	Elba	EPIC Ship Management Pte. Ltd.	2007	Singapore	3,123	June 2012	Drydocking & Repairs
10	BW Tokyo	MMS Co. Ltd.	2009	Japan	54,936	Feb 2012	Drydocking & Repairs
11	Cefalu	EPIC Ship Management Pte. Ltd.	1996	Singapore	4,970	Oct 2011	Drydocking & Repairs
12	Bunga Kemboja	MISC Berhad	1998	Malaysia	20,613	Sep 2011	Drydocking & Repairs
13	Joyama	Shinwa Marine Corporation	1986	Japan	49,999	Apr 2010	Drydocking & Repairs
14	Konsep Maju	MISC Berhad	1995	Malaysia	1,486	Apr 2010	Drydocking & Repairs
15	Cefalu	EPIC Ship Management Pte. Ltd.	1996	Singapore	4,970	Oct 2009	Drydocking & Repairs

# Trusted Expertise ♦ Carriers



**Product / Chemical**



**Bulk Carrier**



**ULCC/VLCC**

- ♦ Normal dry-docking repair such as Tail shaft & Propeller Survey
- ♦ Rudder works
- ♦ Hull Surface Preparation
- ♦ Main Deck & Cargo Tank Coating
- ♦ Boiler Cleaning & Survey
- ♦ Valves Overhaul
- ♦ Pipe renewal work
- ♦ MSB & ESB Servicing
- ♦ Electric Motor Overhaul
- ♦ Valves Overhaul
- ♦ Main Engine overhaul, etc.



**OVER 25 YEARS OF EXPERIENCE IN ALL TYPE OF TANKERS**

**CONTINUE TO ESTABLISH GOOD RELATIONSHIP WITH CUSTOMERS WITH EXCEPTIONAL PERFORMANCE !**



# Notable Projects ♦ Non LNG & LPG Carriers

No	Name Of Vessel	Owner	LBD	Type	Delivery Date	Remarks
1	X-Press Makalu	MSI Ship Management Pte. Ltd.	210.91 X 32.25 X 19	Container Ship	On-Going	Drydocking & Repairs
2	Sinar Batam	Apex Shipmanagement Pte. Ltd.	159.53 X 25 X 12.8	Container Ship	Nov 2015	Drydocking & Repairs
3	Harbour Ruby (ex: Heung-A Shipping Co. Ltd.)	Harbour-Link Marine Services Sdn. Bhd.	140 X 20.5 X 10.5	Container Ship	Oct 2015	Drydocking & Repairs
4	CMA CGM Rose	Uniqa Marine Management	222.17 X 30 X 16.8	Container Ship	Oct 2015	Drydocking & Repairs
5	Ocean Phoenix	Apex Shipmanagement Pte. Ltd.	189.8 X 31 X 16.5	Bulk Carrier	Oct 2015	Drydocking & Repairs
6	Formosapetro Giant	Formosa Plastics Marine Corporation	330 X 60 X 28.9	VLCC	Oct 2015	Drydocking & Repairs
7	Sea Tubarao	STX Pos Ship Management Co.	361 X 65 X 28.67	Ore Carrier	Oct 2015	Drydocking & Repairs
8	Sea Espirinto Santo	STX Pos Ship Management Co.	361 X 65 X 28.67	Ore Carrier	Sept 2015	Drydocking & Repairs
9	MTT Tawau	MTT Shipping Sdn. Bhd.	162.92 X 22.3 X 11.1	Container Ship	Sept 2015	Drydocking & Repairs
10	Niamul Mowla	M.M. Shipping (S) Pte. Ltd.	178.01 X 28.01 X 15.22	Bulk Carrier	May 2015	Drydocking & Repairs
11	Sinar Bandung	Apex Shipmanagement Pte. Ltd.	147 X 25 X 13.7	Container Ship	May 2015	Drydocking & Repairs
12	White Cameron	White Line Co. Ltd.	110.67 X 19.2 X 13.5	General Cargo Ship	Apr 2015	Drydocking & Repairs
13	Tiger Spring	Chong Fui Shipping & Forwarding Sdn. Bhd.	105.82 X 17.51 X 9.02	General Cargo Ship	May 2015	Drydocking & Repairs
14	Kanaga Island	Uniqa Marine Management	207.4 X 29.8 X 16.4	Container Ship	Mar 2015	Drydocking & Repairs
15	Sea Qingdao	STX Marine Service Co. Ltd.	361 X 65 X 30.5	Ore Carrier	Mar 2015	Drydocking & Repairs
16	Welle	Reederei "Nord" Gmbh	210 X 30.1 X 16.7	Container Ship	Jan 2015	Drydocking & Repairs

# Trusted Expertise ♦ Mobile Offshore Units

**MMHE HAS DEEP ROOTS AND STRONG CAPABILITIES SERVING THE GLOBAL OIL & GAS INDUSTRY, WITH AN ESTABLISHED TRACK RECORD COVERING A WIDE RANGE OF MOBILE OFFSHORE UNITS**

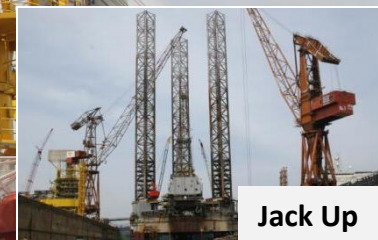
**Over  
15 PROJECTS  
Completed**

- ✓ MOPUs/MODUs
- ✓ Jack-Ups
- ✓ Semi-Subs

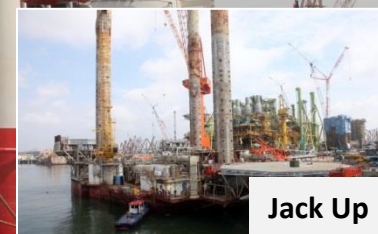
- ✓ Repair
- ✓ Refurbishment
- ✓ Upgrading
- ✓ Conversion



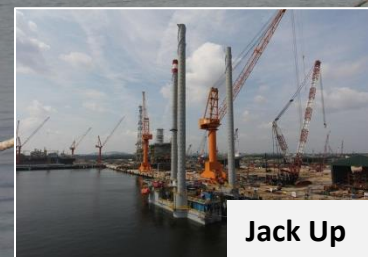
Jack Up



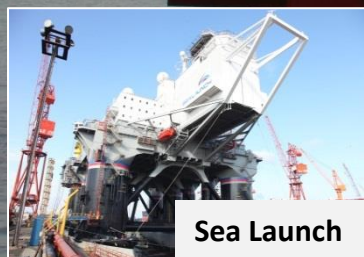
Jack Up



Jack Up



Jack Up



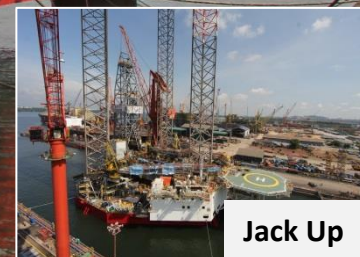
Sea Launch



MOPU



Semi Sub



Jack Up



# Notable Projects ♦ Mobile Offshore Unit

No	Name Of Rigs	Owner	Built	Drilling Depth	Type	ETD	Remarks
1	NAGA 2	UMW	2009	30,000 ft.	Jack up	August 2015	Refurbish and Repair
2	EP 7	CEPSA	1974	NA	Jack up	May 2015	Conversion from MODU to MOPU
3	EP 6	Coastal Energy	1979	NA	Jack Up	December 2013	Conversion from MODU to MOPU
4	EP 5	Coastal Energy	1975	NA	Jack Up	October 2013	Conversion from MODU to MOPU
5	Ocean Legend	Petrofac	1976	NA	Jack Up	January 2012	Repair & Refurbishment
6	MOPU Dua	GPS	1976	NA	Jack Up	May 2010	Conversion from MODU to MOPU
7	Odyssey	Sea Launch	1982	NA	Semi Sub Launcher	December 2012	Repair & Refurbishment
8	MOPU Satu	GPS	1976	NA	Jack Up	August 2009	Conversion from MODU to MOPU
9	Hercules 208	Hercules Offshore	1980	20,000 ft.	Jack Up	March 2008	Repair & Reactivation
10	Naga 1	JDC & UMW	1974	30,000 ft.	Semi Sub	September 2008	Repair & Refurbishment
11	Pride Hawaii	PRIDE	1975	25,000 ft.	Jack Up	February 2007	Repair & Reactivation
12	H31 (Ex Odin Spirit)	Hercules Offshore	1979	20,000 ft.	Jack Up	August 2006	Repair & Reactivation
13	Seahawk	Atwood Oceanics	1994	20,000 ft.	Semi Sub	June 2006	Repair & Refurbishment



# Trusted Expertise ♦ Offshore Support Vessel

**MMHE POSSESSES PROVEN SPECIAL CAPABILITIES AND INSTRUMENTS  
REQUIRED BY TODAY'S HIGHLY-SPECIALISED AND MORE SOPHISTICATED OSVs**

- AHTS
- Offshore Supply Vessel
- Platform Supply Vessel
- Diving Support Vessel
- Fast Supply Intervention
- Rescue Standby Vessel
- Pipe Laying Vessel
- Heavy Load Carrier
- Offshore Tug
- Well-Stimulation/Testing
- Oil Terminal Vessel
- Other OSVs



Pipe Transfer Crane Renewal ♦ Steel Renewal ♦ Blasting & Painting  
Propeller & Bow Thruster ♦ Engine Works ♦ Fuel Tank Renewal  
Winch Brake Lining Replacement ♦ Electrical Works ♦ Fenders Bollard  
Magnetic Compass ♦ Fan & Pump Motor ♦ Hydraulic Pipes  
Sea Overboard Valves ♦ Rescue Boat Servicing





# Notable Projects ♦ Offshore Support Vessel

No	Name Of Vessel	Owner	LBD	Type	Delivery date	Remarks
1	KPV Redang	Kencana Nautilus Sdn. Bhd.	75 X 20 X 7.2	Offshore Support Vessel	On-Going	Drydocking & Repairs
2	Badang Sepuluh	Malaysia Towage & Transport Sdn. Bhd.	27 X 9 X 4.68	Tug	On-Going	Drydocking & Repairs
3	Havila Harmony	Fugro-TSM	92.95 X 19.69 X 7.6	Offshore Support Vessel	Oct 2015	Drydocking & Repairs
4	Efogen Nuha	Efogen Ship Management Sdn. Bhd.	61.25 X 16 X 6	Anchor Handling Tug Supply	Nov 2015	Drydocking & Repairs
5	Global 1201	Technip Singapore	162.3 X 37.8 X 16.1	Pipe layer crane vessel	Dec 2015	Drydocking & Repairs
6	Tanjung Puteri 2	Icon Ship Management Sdn. Bhd.	60 X 16 X 5.5	Anchor Handling Tug Supply	Oct 2015	CPP Repairs
7	Badang Enam	Malaysia Towage & Transport Sdn. Bhd.	33 X 4.3	Tug	Nov 2015	Propeller shaft seals replacement
8	Setia Iman	TH Alam Management (M) Sdn. Bhd.	59.25 X 14.95 X 6.1	Anchor Handling Tug Supply	Nov 2015	Drydocking & Repairs
9	Deep Orient	Technip Singapore	132.44 X 27 X 9.7	Offshore Support Vessel	Sept 2015	Drydocking & Repairs
10	Setia Aman	Alam Maritim (M) Sdn. Bhd.	78 X 20 X 6.5	Offshore Support Vessel	May 2015	Drydocking & Repairs
11	Borcos Tasneem 8	Borcos Shipmanagement Sdn. Bhd.	60 X 16 X 6	Anchor Handling Tug Supply	Oct 2015	Drydocking & Repairs
12	JM Perkasa 2	Jasa Merin (M) Sdn. Bhd.	60 X 16 X 5.5	Anchor Handling Tug Supply	Apr 2015	Drydocking & Repairs
13	Malaviya Twenty One	Wilhelmsen Shipmanagement	67.4 X 15.4 X 7	Anchor Handling Tug Supply	Apr 2015	Drydocking & Repairs
14	Badang Enam	Malaysia Towage & Transport Sdn. Bhd.	33 X 4.3	Tug	Mar 2015	Drydocking & Repairs
15	Setia Teguh	Alam Maritim Malaysia Sdn. Bhd.	59.25 X 14.95 X 6.1	Anchor Handling Tug Supply	May 2015	Drydocking & Repairs
16	Global 1201	Technip Singapore	162.3 X 37.8 X 5.5	Pipe layer crane vessel	Jan 2015	Afloat Repair

# Trusted Expertise ♦ Tender Drilling Barge

**MMHE'S INTEGRATED CAPABILITIES CAN PROVIDE COMPETITIVE SOLUTIONS  
FOR THE DRILLING SERVICES MARKET, FROM REPAIR TO JUMBOISATION TO NEWBUILDING**



♦ REPAIR ♦ REFURBISHMENT ♦ UPGRADING ♦ JUMBOISATION ♦ NEWBUILDING ♦



# Notable Projects ♦ Barge

No	Name Of Rigs	Owner	Type	ETD	Remarks
1	Sadrill T12	Sadrill Pte Ltd	Drilling Tender Barge	2010 Jan	Newbuilding
2	Sadrill T11	Sadrill Pte Ltd	Drilling Tender Barge	2008 Mar	Newbuilding
3	Sadrill T10	Sadrill Pte Ltd	Drilling Tender Barge	2007 Jul	Newbuilding
4	Robray T9	Smedvig Asia Pte Ltd	Drilling Tender Barge	2004 Jan	Newbuilding
5	PM3-CAA (ex Ross Sea)	Tanker Pacific Offshore	FSO	2003 Jul	Jumboisation (Lengthening)
6	Robray T4	Smedvig Asia Pte Ltd	Drilling Tender Barge	2003 Mar	Jumboisation (Widening)
7	Robray T6	Smedvig Asia Pte Ltd	Drilling Tender Barge	2000 Oct	Jumboisation (Widening)

# Trusted Expertise ♦ Conversion

**MMHE HAS DEEP ROOTS AND STRONG CAPABILITIES SERVING THE GLOBAL OIL & GAS INDUSTRY, WITH AN ESTABLISHED TRACK RECORD COVERING A WIDE RANGE OF CONVERSION PROJECTS**

**Over  
30 PROJECTS  
Completed**

- ✓ Repair
- ✓ Refurbishment
- ✓ Upgrading
- ✓ Conversion

- ✓ MOPUs/MODUs
- ✓ FPSO
- ✓ FSO
- ✓ FSU
- ✓ FOIS





# Notable Projects ♦ Conversion

No	Name Of Rigs	Owner	Type	ETD	Remarks
1	FSO Bergading	EA Technique & HESS	FSO	On Going	Conversion to FSO
2	FSO MAMPU	MISC	FSO	2015	Conversion to FSO
3	FIOS Tembikai	EA Technique	FOIS	2015	Conversion to FIOS
4	FPSO Cendor	MISC; Petrofac	FPSO	2014	EPCC
5	FSO Nautica Muar	EA Technique	FSO	2013	Conversion to FSO
6	FSU Lekas	MISC	FSU	2012	Conversion from LNGC to FSU
7	FSO Orkid	MISC	FSO	2011	Conversion to FSO
8	FPSO Ruby	MISC; PETRONAS Carigali Vietnam	FPSO	2010	EpCc
9	FPSO Kikeh	MISC; Murphy Oil; SBM	FPSO	2007	epCc
10	FSO Abu	MISC	FSO	2006	Conversion to FSO
11	FSO Angsi	MISC	FSO	2005	Conversion to FSO
12	FSO Yoho	SBM	FSO	2004	Conversion to FSO
13	FSO PM3-CAA	Tanker Pacific Offshore	FSO	2003	Conversion to FSO
14	FPSO Bunga Kertas	MISC; PETRONAS Carigali	FPSO	2003	EPC
15	FPSO Printis	M3 Energy	FPSO	1999	epCC

# Top Notch Customer Service

**MMHE IS A CLIENT-CENTRIC ORGANIZATION HIGHLY COMMITTED TO CUSTOMER SATISFACTION. WE STRIVE TO UNDERSTAND AND CATER TO YOUR EVERY NEED IN THE BEST WAY POSSIBLE.**

## Dedicated Team



**Dedicated and Experienced Full-Time Team**

## Client Office



**Over 20 Client Offices which are Fully-Equipped with Modern Office Amenities with 24 hours surveillance**

## In House Bus



**Daily Shuttle service available in MMHE (free)**

## Accommodations



**Wide selections of 3 to 5 Star Hotels which are located at convenient Locations with special discounted rates**

## Food Services



**A Clubhouse & few Canteens in the yard for client convenience; and selection of Local & International Restaurants Nearby. There's also food Delivery Available**

## Transportation



**Selection of vehicle for client travel To & From Yard/Hotel/Airport/Other Areas; Personal or With Chauffeur**



# Thank You!



## Your Trusted Partner At Your Service

REPAIR   REFURBISHMENT   UPGRADING   CONVERSION   FABRICATION

ISO  
9001

ISO  
14001

OSHAS  
18001

**MALAYSIA MARINE AND HEAVY ENGINEERING SENDIRIAN BERHAD**  
**MARINE REPAIR BUSINESS UNIT (MBU)**

PLO 3, Jalan Pekeliling, P.O.Box 77, Pasir Gudang Industrial Estate  
81700, Pasir Gudang, Johor, Malaysia

T: +607 268 2111 / 3634

F: +607 251 3997

E: [mbu.commercial@mmhe.com.my](mailto:mbu.commercial@mmhe.com.my)



[www.mhb.com.my](http://www.mhb.com.my)