Offshore Accommodation Solutions

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INTRODUCTION

Founded in 1903 in Glasgow, McGeoch Marine began by supplying the Clyde shipyards with marine hardware. Over the years, the company grew and evolved into its present form, with sales offices around the world and modern manufacturing facilities in both the UK and China. MML now operates globally in the shipbuilding, offshore oil & gas, offshore renewables industries.

Since opening our modern factory in Suzhou, China, we have diversified our business into the design and manufacture of offshore accommodation modules, workspace & engineering cabins and offshore containers. Our modules are designed and manufactured to meet a range of strict industry standards: DNV (Det Norske Veritas), Lloyds, ABS, SOLAS, IMO, NORSOK.

Our range of offshore modules now includes: Accommodation units; galleys, offices, laundries, locker rooms, recreation rooms and a range of offshore engineering cabins: Mud logging cabins, MWD units, ROV control cabins and customer specific engineering units. We also specialise in the design and manufacture of bespoke and purpose built modules that meet all clients’ individual requirements and deck footprints available.

All our modules are A60 DNV 2.7-1 (DNV 2.7-2), ABS certified, come fully equipped and ready to “plug-in and play” to the on board services. Modules can be hooked up on board and ready for use within a matter of hours.

Modules are built in both our UK and Chinese manufacturing facilities.

Existing Customers Include:
MML UK

Based in Glasgow (Head Office), our premises have over 70,000sqft of office and factory space and another 5 acres of onsite storage.

Both MML UK and MML Suzhou are ISO 9001:2008 certified and operate under strict quality management procedures to ensure all products meet our strict in house quality checks. Our health and safety and environmental procedures comply with the current relevant legislation and BS OHSAS 18001:2007 & ISO 14001

The UK factory has Trumpf laser cutting machines, CNC punch presses, 100t & 200t press brake machinery, shearing machines and special jigs for module assembly, a shot blasting and painting facility, hydrostatic testing facility and dedicated Quality Control areas with quarantine and inspection zones.
MML SUZHOU CHINA

Opened in 2006, MML Suzhou is located within Suzhou Industrial Park close to Shanghai, a huge but modern commercial district, home to many foreign companies. We have a team of young dedicated and experienced engineering professionals willing and able to meet the challenges faced in the demanding offshore industries.

MML Suzhou manufactures a wide range of offshore accommodation and engineering cabins. Our purpose built facility extends to over 80,000sqft of office and factory space. Construction of the second phase is under way and will be completed by November 2011, which will bring the total covered factory floor area to over 130,000 sqft. The new extension will incorporate a new blast & paint shop, new production lines for both offshore and onshore type units, larger offices and engineering workshops to house our expanding needs.

MML Suzhou Company Ltd. is a wholly owned subsidiary of McGeoch Marine Ltd.

Our Chinese factory has overhead cranes (5t, 10t and 50t), Trumpf laser cutting machines, CNC punch presses, 100t & 200t press brake machinery, shearing machines and special jigs for module assembly.

Phase 2 Complete November 2011
SINGAPORE, DUBAI & PERTH

MML has a presence in all the major oil and gas producing regions of the world, offering our clients local sales teams who are able to provide a professional and hands-on service for all enquiries wherever they located in the world.

Our sales offices and depots around the world allow MML to offer our clients experienced sales teams, with an in-depth knowledge of each region, the local market and projects.

MML Singapore
Singapore is one of the leading shipbuilding nations in the world and our office is involved in many projects in this region: FPSO’s; drill ships; vessel conversions; rig upgrades and refurbishment; new builds and barge work.
Singapore office: ellison@m-m-l.com

MML Perth
Our Perth office concentrates on both the offshore and onshore markets. We sell our traditional DNV/ABS certified units in Australia and also design and build Cyclone C & D rated buildings for the LNG camps, mining camps and camp housing for other remote location projects throughout Australia.
Perth office: sans@m-m-l.com

MML Dubai
The Middle East is a huge market and our sales office in Dubai caters for clients in Abu Dhabi, Sharjah, Saudi Arabia, Qatar, Iraq, Oman and Egypt. As with Singapore, Dubai has modules in stock and available for sale or rental, for those customers needing an immediate solution.
Dubai office: steve.todd@m-m-l.com

MML also operates a network of Agents & Companies in Malaysia, Brunei, South Africa, Brazil, USA, Korea, India and Kazakhstan.

Please contact our UK sales office for more details: modules@m-m-l.com.
MODULE INTRODUCTION

Modules are an efficient and economical solution, offering safe and comfortable living environments on board all types of fixed & floating installations: oil & gas platforms; semi submersibles; PSVs; barges; Survey ships and other types of vessels.

By using modules instead of the more traditional ‘block’ structures offer clients a more flexible approach to providing additional or new accommodation on board. Modules are more manoeuvrable and light weight and can be lifted on and off by existing platform or vessel cranes. This allows installation projects to be carried out 12 months of the year and does away with the need to employ ‘heavy lift’ crane barges, which are expensive to hire and can have long mobilisation times, wherever the project is located. Modules are designed and built to strict DNV 2.7-1 / EN12079 certification and every MML module is supplied with a full set of DNV certified slings and shackles.

MML modules are inspected and tested at each stage of the production process by DNV or ABS surveyors.

MML has standard module layouts for most applications. These layouts can be adapted to suit almost any requirement offshore and customers’ specific needs.

All module fabrication and manufacturing processes follow strict quality control procedures and we have our own in-house engineers for all stages of production: structural, HVAC, electrical (ATEX Certified), piping and outfitting.

Modules take 8 weeks to build from start to finish: from the first steel being cut to final completion and sign off by DNV / ABS inspectors.

MML Suzhou has the capacity to build over 150 DNV 2.7-1 certified accommodation modules each year, which will increase once the second factory becomes operational later this year.
QA/QC AT MML

All modules, built at both MML UK & MML Suzhou are inspected and tested by DNV or ABS at all stages of production.

Modules must pass stringent tests before a final certificate is issued and the modules can be released to the client.

Each and every module is issued with a comprehensive documentation, testing and report pack.

Clients are welcome to come and inspect the units at any stage of the construction process and during the final inspection by DNV or ABS.
ACCOMMODATION MODULES - LINKABLE TYPE

MML provide a range of accommodation modules. Our standard module is our 9.8m (32ft). This unit can be adapted to accommodate 2, 4 or 8 men depending on the cabin layouts and number of bunks required per cabin.

Modules can be delivered to suit customer’s specifications, and provided with a choice of either A60 windows or A60 hatches depending on requirements.

Accommodation modules come with wetrooms (shower and toilet facilities) in each cabin.

All modules come fully equipped and ready to ‘plug-in & play’ to the on board services. Modules are designed to interface with the vessel or platform’s control room.

Standard features include:

- HVAC system
- Fire and gas detection system
- Sprinkler system
- Emergency lighting
- Full automatic shutdown (CPFG panels – optional)
- Fire dampers
- PA/TV/Tel sockets and connections
ACCOMMODATION MODULES - LINKABLE TYPE

Modules can be supplied to suit all clients’ specific accommodation needs, with layouts adapted to best suit the living and working environments for client’s employees.

All modules are A60 DNV 2.7-1 / BS EN 12079 certified and comply with current SOLAS & IMO regulations.

Our 32 ft Modules can be utilised as either stand alone units or can be linked and stacked together to form multi-purpose, multi level accommodation complexes.

Linking kits are supplied with each module (the seals are waterproof and provide a watertight barrier) and the modules are designed to link together quickly and thus minimise hook up time and therefore costs, giving a faster turnaround and a more cost effective solution when additional beds need to be found at short notice.

These ‘linkable’ type units are stock items for MML and we have them in our various depots around the world, ready and available for mobilisation for those customers requiring immediate delivery.

Please contact our sales teams for additional information and how MML can help you find a solution to your accommodation needs.
20FT ACCOMMODATION MODULES

When space is restricted and footprints must be kept to a minimum, MML has a number of designs that help our clients minimise deck space but still house offshore workers in safe and comfortable environments.

The cabins can be 2 or 4 bed cabins, with a shared wetroom. As per our standard 32ft modules, the units come fully equipped and ready to ‘plug-in & play’ to the on board services.

A60 DNV 2.7-1 / DNV 2.7-2 Zone II Certification (Optional)
Standard features include:
- 2 and 4 bunk models
- HVAC system (EEX rated)
- Fire & Gas detection system
- Sprinklers
- Emergency Lighting
- Full automatic shutdown (CPFG panels – optional)
- Fire dampers
- PA/TV/Tel sockets and connections

These units are popular in the Middle East and further afield where large numbers of workers need to be employed in a relatively small area.

Units are stackable and weigh 10 tonnes which allow them to be lifted offshore by almost all platforms / vessels where larger cranes are not necessarily the norm.
40FT A60 ACCOMMODATION MODULES

Our 40ft units offer clients a much larger living area within a single unit. Modules can be 8ft, 10ft or 12ft wide, depending on the deck space available and customers' particular requirements. We have 4, 8 & 12 bunk versions and as with our 32ft units are linkable and internal layouts can be adapted to suit all uses and applications.

Accommodation modules come with wetrooms (shower and toilet facilities) in each cabin.

Standard features include:

- HVAC system
- Fire and gas detection system
- Sprinkler system
- Emergency lighting
- Full automatic shutdown (CPFG panels – optional)
- Fire dampers
- PA/TV/Tel sockets and connections
40FT A60 ACCOMMODATION MODULES

Modules are supplied to meet all clients’ specific accommodation needs, with layouts adapted to suit the client’s requirements for their employees.

Our modules can be utilised as either stand-alone units or can be linked and stacked together to form multi-purpose, multi-level accommodation complexes.

Linking kits are supplied with each module – these kits maintain the A60 integrity and seals around the door frames provide a water tight barrier to the harsh offshore environment. The modules are designed to link together quickly and effectively, minimising hook up time and therefore costs, providing clients with a cost effective solution when additional beds and living areas need to be found at short notice.

Stand Alone Type 12 Man Module

12 Bunk Layout - Linkable Type Unit

Please contact our sales teams for additional information and how MML can help you find a solution to your accommodation needs.
12FT, 16FT & 20FT UNITS

MML also design and manufacture a range of smaller modules where deck space is very limited: 10ft, 12ft, 16ft (4.8m) 20ft (6m) and 26ft (7.8m) units. Although these units are not linkable, they allow clients to maximise the small room available whilst still supplying a safe and comfortable living and working environment.

These smaller units can be outfitted to meet almost all requirements: lab units, smokers cabins, sleeper units, offices, control rooms & workshops.

Units can be built for installation in both safe area and hazardous areas on board.

Accommodation modules come with wetrooms (shower and toilet facilities) in each cabin.

Standard features include:

- HVAC system
- Fire and gas detection system
- Sprinkler system
- Emergency lighting
- Full automatic shutdown (CPFG panels – optional)
- Fire dampers
- PA/TV/Tel sockets and connections

Please contact our sales teams for additional information and how MML can help you find a solution to your accommodation needs.
GALLEY MODULES & CANTEEN MODULES

As well as ‘sleeper’ type accommodation modules, MML also supplies 32ft and 40ft modules to suit various project requirements, creating comfortable offshore living quarters that complement our offshore accommodation ranges.

Galley Modules

The galley modules are built using our standard range of units and are designed to link into other modules in the MML range: recreation rooms; sleepers; offices; locker rooms; providing a much larger accommodation complex, where staff / workers can move freely from one unit to the next without having to leave the safety of the modules.

The galley modules are A60 rated and are be built to meet DNV or ABS certification, depending on the classification of the vessel or platform. We use recognized European or UK manufacturing brands to supply galley equipment.

Our project managers can assist and advise on the design and layout of the galley, which will be designed around specific client requirements.

Galley Equipment includes but not limited to:

Deep fat fryers (SOLAS approved)
Ovens & hot plates
Combi steam ovens
Microwaves
Food mixers
Food waste disposal units (MARPOL certified)
Dishwashers
Fridges & freezers
Fire suppression systems (Fifi)
Canopy hoods

All sinks, cupboards and work surfaces are made from stainless steel.

Please contact our sales team for more information on our galley & canteen modules.
OFFICES, RECREATION ROOMS & HELI-LOUNGES

MML modules have been supplied to cater for various uses across the globe. Fitted to the highest standard and designed to provide the most effective use of space our modules have been used as gyms, tv rooms, laundry units, locker rooms, toilet blocks. There are very few limitations to the uses of MML modules.

Standard features include:
• HVAC system
• Fire and gas detection system
• Sprinkler system
• Emergency lighting
• Full automatic shutdown (CPFG panels – optional)
• Fire dampers
• PA/TV/Tel sockets and connections

Our smaller units can also be modified as offices, gymnasiums and recreation rooms where deck space is limited or the number of people using them is low.
**LAUNDRY, GYM, LOCKER & OTHER COMMON ROOMS**

Modules are built using our standard range of 32ft (9.8m) or 40ft (12m) units and can be used independently or designed to link into other modules in the MML range.

All contents and fittings are sourced to suit the customer requirements, be it individual offices, open working spaces or boardrooms all requirements can be catered to.

Standard features include:
- HVAC system
- Fire and gas detection system
- Sprinkler system
- Emergency lighting
- Full automatic shutdown (CPFG panels – optional)
- Fire dampers
- PA/TV/Tel sockets and connections
H60 DNV 2.7-1 (ABS) MODULES

Fires on offshore installations are categorised as being either hydrocarbon or cellulosic. Cellulosic fire conditions are typified by burning timber and upholstery (as may be found within accommodation areas). Hydrocarbon fire conditions are typified by burning oils and fuels (outside accommodation areas combustible materials will be predominantly hydrocarbons). Hydrocarbons burn far more fiercely than cellulosic materials and consequently require associated fire protection systems to be of substantially superior performance.

MML is able to offer our customers a range of H60 rated modules, these modules provide the full fire protection required within these hazardous environments without compromising the space or design of standard modules.

Accommodation units; engineering cabins; in fact any module within our product range can be designed and built with an H60 fire rating.

These units can be either DNV 2.7-1 certified or ABS certified depending on the vessel or platform classification.

Our offshore door division can supply H60, H120, doors (single, double and sliding) and H60 & H120 windows.
Please contact our Glasgow and Singapore offices for more information

Our offshore door division can supply H60, H120, doors (single, double and sliding) and H60 & H120 windows.
Please contact our Glasgow and Singapore offices for more information
A60 DNV 2.7-1, DNV 2.7-2 ZONE 1 & ZONE 2 ENGINEERING CABINS

MML modules are designed and built for operation in hazardous (Zone I or Zone II) or Safe Area installations and come in a range of sizes depending on the requirements of the customer and the available footprint on deck.

A60 DNV 2.7-1, 2.7-2 certified units. BS EN 12079
• A60 Zone I / Zone II rated
• Approved by Lloyds, DNV or ABS
• HVAC system, Zone I compliant
• CPFG (Combined pressurisation fire and gas) panel, Zone I compliant
• EEx lighting
• Gas detectors
• Emergency lighting
• EEx telephone (optional)
• Air locks
• Fume cupboard (EEx certification – optional)
• NORSOK regulations (optional)

ISO corner casing for easy stacking and interlocking.

Flexible internal layouts.

A full set of DNV certified slings and shackles are supplied with each module. Standard sizes: 12ft, 16ft, 20ft, 24ft, 32ft, 40ft unit sizes are available.
A60 DNV 2.7-1, 2.7-2 certified units. BS EN 12079
• A60 Zone I / Zone II rated
• Approved by Lloyd's, DNV or ABS
• HVAC system, Zone I compliant
• CPFG (Combined pressurisation fire and gas) panel, Zone I compliant
• EEx lighting
• Gas detectors
• Emergency lighting
• EEx telephone (optional)
• Air locks
• Fume cupboard (EEx certification – optional)
• NORSOK regulations (optional)

ISO corner casing for easy stacking and interlocking.

Flexible internal layouts.
A60 DNV 2.7-1 ZONE 1 MUD LOGGING UNIT

The layout drawings shown are an example of a standard 20ft x 8ft laboratory module, complete with fume cupboard. As with all MML units, this layout can be modified to suit. Our lab modules come in a range of sizes and with wider units available offering a larger and more comfortable working environment.
ROV CONTROL CABINS & WORKSHOPS

Our ROV cabins can be adapted for installation in both hazardous areas and safe areas on board.

The control cabins and workshops can be sold separately or as a spread package.

Standard features include:

- HVAC system (Zone I compliant optional)
- Fire and gas detection system
- HV / LV transformers
- Emergency lighting
- Full automatic shutdown (CPFG panels – optional)
- Fire dampers
- PA/TV/Tel sockets and connections
- Ergonomically designed ROV pilot controls / pilot chair
- EEx lighting (optional)
- Standard 20ft x 8ft ISO sized container
- CSC certified (Can be shipped around the world at standard shipping container rates)
DNV 2.7-1 WORKSHOPS & BESPOKE MODULES

Using our extensive range of module sizes, modules can be adapted as offshore workshops and containers.

Containers come in all sizes: 40ft, 32ft, 30ft, 26ft, 20ft, 12ft with internal layouts designed to meet clients’ specific requirements. Units can be modified for installation in hazardous areas on board: EEx ventilation systems, EEx lighting & EEx control panels

Purpose-built Units

MML specialise in designing bespoke modules that are build according to the requirements of the client. Any size and shape is possible (up to a max. of 25 tonnes (DNV))
A60 DNV 2.7-1 (ABS) ACCOMMODATION BLOCK

For larger offshore projects there is often the need to create accommodation blocks to be used on barges. Using our 32ft module design, various module types can be linked together to create an accommodation block to meet specific client requirements. Depending on the deck space available and the number of bunks required per cabin, MML and its skilled designers are able to create an accommodation block, which provides the optimum solution for the clients needs.

Linking kits are provided which maintain the A60 integrity of the whole accommodation block. Seals are supplied and fitted and these seals provide a water-tight barrier against the elements and harsh environments experienced offshore.

MML is able to send an experienced team of engineers anywhere in the world to oversee the installation, hook-up and commissioning of the modules on board the barge / vessel.

The Module block is a proven cost effective way of increasing or indeed installing a complete new accommodation block on board a barge / vessel.
A60 DNV 2.7-1 (ABS) ACCOMMODATION BLOCK

The general arrangement drawings shown are just one example of how the block would look, but the layouts can easily be configured to meet all of our customers' requirements.

64 POB Accommodation block plus Common areas (galley, canteen, offices, recreation rooms, locker rooms, gymnasium + clinic)

Please contact our sales team for more information on how MML can assist your company with the accommodation solution best suited to your needs.
MML CASE STUDY - SAFE CONCORDIA PROJECT

72 POB Installation Project

Key Project Dates:

- Contract Award date: 1st October 2010
- Module Completion date: 30th November 2010 (Ex Works, MML Suzhou)
- Shipping times to Curacao: 5 weeks
- Modules arriving in Curacao (Dutch Antilles): 21st January 2011
- Installation: 3 weeks (MML Installation Team)
- Vessel departure date: 21st February 2011

Montage of installation of MML units on board the Safe Concordia
All linking kits and tools are supplied by MML

Barge bringing modules alongside

1st unit brought on board for tie down to grillage Structure on deck.
As modules are placed on board, teams go in to perform the ‘linking’ of the units.

Cover plates are removed from each module to allowing the linking process inside.

1st module on level 2 swinging into position.

7th unit loaded into position.

MML has experienced installation engineers, that travel anywhere in the world to help oversee the hook-up & commissioning of the modules on board the vessels or platforms. Depending on the size of the project, this can take anything from a few days to several weeks.

Stairwells fitted to both ends of the accommodation block.

9th and final unit in position.
Various layouts possible with adaptable accommodation numbers to suit clients’ specific needs. MML has carried out significant market research into the type of barge best suited to meeting the challenges faced by offshore construction, offshore renewables industries and other projects which require a large number of employees based at sea for long periods of time. The accommodation is made from 72 A60 modules, designed to give workers a safe and comfortable environment to live and work offshore.

The barge is the ideal solution for companies requiring new and/or additional accommodation and work space, offshore, and has been designed with a number of project types in mind.

- Cable laying
- Additional accommodation
- Wind farm maintenance
- offshore construction
- Pipe laying
- Heavy lifting
- Well intervention
- Subsea work

The barge costs considerably less than similar versions built using traditional accommodation block design. Customers will further benefit in terms of greatly reduced delivery times.

**MML OCEAN 2 ACCOMMODATION WORK BARGE**

Launch: November 2012  
Length: 120 metres  
Breadth: 35 metres  
Depth: 8 metres  
Accommodation: 400 persons  
Office: 20 offices (4 per office)  
Certification: ABS  
Crane: Hausman 300 ton

The accommodation is made from 72 A60 Modules built by MML.
The Offshore Wind Challenge

The UK government agreed to an overall European Union target of generating 20% of the EU's energy supply from renewable sources by 2020. The UK was set a target to achieve 15% of energy from renewable sources.

Between now and 2020 an estimated 7,738 turbines will be added to the existing 2,155 that are currently working or under construction in the round 1 & 2 offshore developments. Meaning a total of 9893 turbines will be in UK waters by 2020.

With the development of offshore wind farms increasing both across Europe and internationally there is a clear shortage of suitable vessels for the installation of offshore wind farms.

In undertaking market research MML has become aware of a shortage and has made actions in which to fulfill the demand. A project statement has been signed with GustoMSC for the build of NG-2750- WTM Jack-Up vessel, which has been specifically designed to meet the challenges of offshore wind farm construction.

MML OCEAN 3&4 WIND FARM MAINTENANCE VESSELS
DNV 2.7-1 OFFSHORE CONTAINERS

As well has manufacturing accommodation modules and engineering cabins, MML also designs and builds a wide range of offshore cargo containers, baskets & mud skips.

All containers are certified to BS EN 12079 / DNV 2.7-1

All units come with a DNV certified sling and shackle set.

Types of containers:
- 20ft & 10ft cargo containers
- 20ft & 10ft half height containers
- Open top containers
- Mini containers: 6ft x 6ft, 8ft x 8ft
- Baskets: 4ft to 60ft in length
- Mud skips. Payloads: 3.5tonnes to 6 tonnes

Payloads up to 20 tonnes

Specifications:
- Forklift pockets shall be fully welded to minimise water ingress and corrosion (rust traps)
- ISO corner casings for ease of stacking onshore.
- DNV 2.7-1 certified pad-eyes and sling sets
- Container markings as per EN 12079 & DNV 2.7-1
- Multiple internal tie down points for safe and secure transportation of cargo
- Lightweight aluminium lid for safe and easy lifting (opening / closing) (mud skips only)
- Drainage points as standard
- Basket sizes from 4ft to 60ft

Please contact our regional sales teams for further information.
MML refrigeration modules are designed for food storage and transportation for all sectors of the offshore industry. The modules have been built to withstand the harsh environments which are faced offshore. Offering a strong and robust unit to store foodstuffs.

The modules have been designed to suit 230V (single phase) & 380V – 480V (3 phase) 50Hz / 60 Hz electrical supplies. Modules can be used as either a chiller or freezer unit, with operating temperatures from −20 °C to +5 °C (the working temperature parameters can be modified). MML can also supply dual compartment units, which allow for the unit to be used as both a fridge and a freezer simultaneously.

Other refrigeration modules sizes are available:20ft & 40ft units. All come fully insulated with 100mm thick polyurethane panels and lined throughout with stainless steel wall and ceiling panels. Heat trace doors are provided to ensure that the doors do not freeze shut, along with a room relief valve. A flashing beacon operates whilst the module is connected to the on board power supply in order to prevent the crane operator accidentally removing the unit whilst still plugged in on deck.
RENTAL & STOCK MODULES

Although MML are predominately a manufacturing company, we also provide a rental service for customers needing a short term solution to their accommodation and engineering cabin requirements.

Rental units sizes available 32ft (9.8m), 26ft (7.8m), 20ft (6m), 16ft (4.8m) and 12ft (3.6m).

Type of units available: Sleepers, Offices, Gymnasiums, Recreation Rooms, Smokers Cabins.

The number of rental modules at each company location fluctuate all the time. Please contact our sales teams for up to the minute availability.

It is company policy to always have stock modules in company depots and locations, providing a fast and effective solution to clients no matter where they are in the world.

UK
10 x 9.8m A60 DNV 2.7-1 Accommodation (80 beds) Units
1 x 12ft DNV 2.7-1 Refrigeration Unit

China
12 x 9.8m A60 DNV 2.7-1 Accommodation (96 beds) Units
4 x 12ft DNV 2.7-1 Refrigeration Unit

Singapore
6 x 9.8m A60 DNV 2.7-1 Accommodation (48 beds) Units
3 x 20 ft Zone 2 Engineering Cabins

Houston USA
10 x 9.8m A60 DNV 2.7-1 Accommodation (80 beds)
From 2010

Abu Dhabi
8 x 9.8m accommodation modules, 3 x 20ft accommodation modules

Please contact our various sales teams for more information and current stock levels at each location.
SHIPPING & LOGISTICS

MML have many years experience in shipping modules & containers of various sizes from the Far East to almost every major oil and gas producing region of the world: Gulf of Mexico; North Sea; Brazil; Australia; Middle East; South East Asia; West Africa; the Mediterranean; Caspian region and many others. We have built up an excellent network of shipping agents and we can take care of all clients’ shipping requirements - door to door.

Installation
MML has experienced installation and project engineers that can be sent to any part of the world to oversee the hook-up and commissioning of the module or modules on board.

No special tools required, all tools and linking kits are sent out with the module(s) when they leave MML facilities. Client’s own labour is used as much as possible to help minimise costs.

Whether your requirements are for 4 or 40 additional bunks, installation of specialist modules in shipyards or on FPSOs off the west coast of Africa, MML have the know-how and expertise to ensure a smooth delivery, installation and hook-up of our world class modules.

All projects completed on time and to budget with zero lost time incidents.
MML LAND CAMP BUILDINGS

- New extension is part of the 10 year business plan of MML. Contract has been signed. Building Phase II started on the 14th February 2011
- Manpower levels to be increased from its present level of 150 to over 350
- 6 assembly lines for land camp buildings at the initial stage.
- Capacity will increase to 36 completed land camp buildings per week at peak production
- 12 dedicated assembly lines for land camp buildings.
- 2 dedicated assembly lines for our offshore module range (to be used as a relief / additional fabrication bays as and when necessary.

- Building Code Australia: Class 3 (accommodation buildings)
- Designed and fabricated to meet the Australian Cyclone Structural Standard (AS1170.2-2002), Region D, Category 1 the highest cyclone category & region C
- All electrical (wiring and materials) to meet current BCA 2009 and AS 3000 Wiring rules and regulations
- Telecoms Cabling: CAT 6
- Lifting points (similar to DNV 2.7-1) for all accommodation buildings (fork lift pockets to be incorporated into building design)
- R13 insulation for all ceilings, exterior walls, interior walls and floors.
• Over 25 years experience in the offshore industry
• European / Western manufacturing practices. English speaking senior management, English speaking QA/QC managers.
• Chinese facility 100% UK owned.
• Experienced Australian registered electrical engineers and technicians to be employed at MML Suzhou
• All work in house:
  – DESIGN
  – ENGINEERING
  – INSTALLATION
  – COMMISSIONING
• Total accommodation solutions for both the offshore and onshore industries
• MML looking to develop a long term partnership with Australian companies and become their preferred supplier for all camp buildings.
MML - Committed to Continuous Improvement...

Our health and safety procedures comply with the current legislation and BS OHSAS 18001:2007
Our environmental procedures comply with the current relevant legislation and ISO 14001:2004

Accommodation solutions for the offshore oil and gas, offshore renewables and onshore LNG camps