



PETRA ENERGY SDN BHD  
LOT 2409-2410, Block 4 MCLD, JALAN BULATAN PARK, 98000 MIRI,  
SARAWAK.  
TEL: 085-463888 / FAX: 085-628607

## PETRA CHALLENGER ACCOMMODATION WORK BARGE



### BUILD

Year	: 2004
Builder	: JINGJIANG SUMEC SHIPYARD, CHINA
Class	: RINA + A1 Barge
Flag	: MALAYSIA
Port of Registry	: PORT KELANG
Official No.	: 330012
IMO No.	: 8784315
Call Sign	: 9WEU9

### DIMENSIONS

Length Overall	: 100m
Breadth Molded	: 31.70m
Depth Molded	: 7.31m
Draft @ Summer LWL	: 4.49m
Clear Deck Area	: 1374m <sup>2</sup>
Gross Tonnage	: 8882MT
Net Tonnage	: 2664MT

### MACHINERY

Air Compressor	: 1 X 14m <sup>3</sup> /m @ 10bar 1 X 21m <sup>3</sup> /m @ 10bar
Generators	: 5 X diesel CAT 3412 DITA 580 440V/3 Ph/60Hz

### DECK EQUIPMENT

8 Point Anchor	: 8 X single drum electro-hydraulic Winches
Mooring Winches	: Drum cap for 1,600m X 52mm Ø IWRC wire c/w load monitoring system & CCTV
Anchor Wire	: 8 X 1,400m x 52mm Ø IWRC Wires

### LIFTING EQUIPMENT

Crane	: 300MT HUISMAN pedestal Mounted crane
SWL	: 124MT @ 70ft radius
Main Deck Strength	: 12.5 tonnes/m <sup>2</sup>

### HELIDECK

Helideck	: 25m X 23m, 58T/m <sup>2</sup> loading suitable for Sikorsky S-61N & S-92 helicopters
----------	--

### LIQUID CAPACITIES

Fuel Oil Tank	: 1732.00m <sup>3</sup>
Portable Water Tank	: 2074.00m <sup>3</sup>
Sewage Holding Tank	: 3 X 100 men capacities 54.92m <sup>3</sup>
Sea Water Ballast	: 3245m <sup>3</sup>

### ACCOMMODATION

1-Bed	: 8 Cabins (8 men)
2-Bed	: 14 Cabins (28 men)
4-Bed	: 66 Cabins (264 men)
Total No. of Beds	: 300

### NAVIGATION AND COMMUNICATION EQUIPMENT

Radar	: 1 Unit
SSB Radio	: 3 Units
VHF Radio	: 1 Unit
GPS	: 1 Unit
DGPS	: 1 Unit
Weather fax	: 1 Unit
Echo Sounder	: 1 Unit
Aeronautical	: 1 Unit
Transceiver	: 1 Unit

### FIRE FIGHTING, SAFETY, RESCUE & OIL POLLUTION EQUIPMENT

Life Rafts	: 25 person x 24 Units
Fire Extinguishers	: Comply to MODU
Fixed CO2	: For paint store and engine room
Rescue Boat	: 1 X 6 person rigid rescue boat c/w davit launch
Helideck Foams	: Foam tank and 4 x foam Monitor On helideck
Smoke Detector	: In accommodation
System Water Sprinkle	: In accommodation
System	
Heat Detector System	: In engine room

### OTHER FACILITIES

Freezer	: 2 X Freezers (meat/fish)
Chiller	: 1 X Chiller
Galley	: 1 X Galley
Hospital	: 1 X 2 bed Hospital
Paramedic Room	: 1 X on main deck
Radio / Control Room	: Fitted with SSB & Air Band radio
Messroom	: Messroom are available for 144 Person at a time
Offices	: 3 X level 2 1 X level 3
Conference Rooms	: 1 X meeting with chairs & whiteboard on level 2
TV Rooms	: 1 X fitted with LCD TV, bookcase & sideboard on main deck
Video Rooms	: 1 X with sofa & armchair on main Deck
Prayer Rooms	: 2 X allocated at level one
Gymnasiums	: 1 X with gym equipment
Water Maker	: 2 X 50T/day Reverse Osmosis
Workshop	: 1 workshop at the main deck

Specification is believed to be correct but not guaranteed.  
Owners reserved the right to amend the specification without notifications  
18.01.2011 ADB

BARGE MASTER  
PETRA CHALLENGER  
CAPT. ANBALAN PERUMAL  
MASTER