

# PLB-648

Conventional Flat Bottom Barge  
/Pipelay barge/Center lay/Crane Vessel

**Classification Society** -  
**Class Notation** ABS Maltese Cross A1  
**Registration** Abu Dhabi, UAE

Date of Manufacturing  
**1979**

Far East Levingstone,  
Singapore



## PRINCIPAL PARTICULARS

**Length (Mld.)** 106.0 m  
**Breadth (Mld.)** 30.0 m  
**Depth (Mld.)** 7.5 m  
**Light Draft (Mld.) AFT./FWD.** 2.91 m/1.81 m  
**Maximum Draft (Mld.)** 3.81 m  
**Light Ship Weight** 7,370 Tons

**Deck Storage Area**  
1,600 m<sup>2</sup> (Deck Capacity 2,000T)

## MOORING SYSTEM

8 Point mooring

## CRANES

**Pedestal Crane**  
HUISMAN 600MT Offshore Pedestal Crane

**Main Block**  
600T @ 17.7m & 148T @ 52.6m

**Whip Block**  
100T @ 59.10m

## Deck Crane

2 Nos. Crawler crane Maintowoc Model 777  
Series 2 CAP.160T each

## MACHINERY

### Main Generator Engines

1 No. CAT Model D399 (750 kW@60 Hz)  
3 Nos. CAT Model 3508 (880 kW@60 Hz)  
1 No. CAT Model 3508 (910 kW@60 Hz)

### Emergency Generator

1 No. CAT Model 3408 (300 kW,460V, 3PH,  
60 Hz)

## PIPE LAYING EQUIPMENT

**Tensioners** 2 Nos. 45T each

**Pipe Diameter** 6" – 48" over the concrete

### Main Firing Line

4 Nos. welding stations, once x-ray/repair station  
2 Nos. coat & wrap station

## ACCOMODATION

244 Persons Capacity

## HELIDECK

15 m x 15 m. Certified and tested for BELL 212 Helicopters

## OPERATIONAL FUNCTIONS

Heavy Lift, Pipe Lay, Flexible & Cable Lay with associated tasks  
(Hammering, Drilling and Grouting)