NMDC ENERGY

PLB-648

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

Date of Manufacturing
1979
Far East Levingstone, Singapore



Classification Society -

Class Notation ABS Maltese Cross A1

Registration Abu Dhabi, UAE

PRINCIPAL PERTICULARS

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 m2 (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)