NMDC ENERGY

DLB-750

Conventional Flat Bottom Barge / Side Lay Ramp

Classification Society -

Class Notation ABS Maltese Cross A1 (E) Barge

Registration Abu Dhabi, UAE

Date of Manufacturing
1985
MAROIL Engineers, Singapore



PRINCIPAL PERTICULARS

Length Overall	122.0 m
Breadth	33.5 m
Depth	8.8 m
Light Draft	2.25 m
Maximum Draft	4.10 m
Gross Tonnage	11,399 Tons
Deck Storage Area	4,500m2

ANCHORS

12 Nos. 13 ton each fluke or 60 MT sub. Weight gravity anchors

CRANES

Derrick crane
American Hoist Model M40-B- Revolving, Main Block 220', Aux. Block 230', Whip Block 245'.

Deck Crane
1 No. crawler crane of 250 MTons

Pedestal Crane
1 No. 50 Tons (at Bow)

Side davits
6 Nos., 50T capacity, air operated winches (6 Nos. on port side)

MACHINERY

Main Generator Engines
3 Nos. x 750 KW each - make "KATO" /"DDA" & 2 Nos. 1030KW

Total Installed Power
440V, 3 PH, 60Hz

Emergency Generator
1 No. - Make "CAT", 274 KW, 440V, 3PH, 60Hz

Mooring System
Remotely operated 10 point mooring equipped with tension and speed monitoring system.

ACCOMODATION

269 Persons Capacity

PIPE LAYING EQUIPMENT

Pipe size range
Pipe size range 4" - 60" diameter over the concrete

Tensioners	2 Nos. 125 MT each
A&R Winch	1 Nos. 260 MT

Welding Stations
6 Nos. welding stations, 01 No. NDT/Repair, 02 Nos. (coat and wrap station)

HELIDECK

Suitable for SIKORSKI S61 helicopters, Constructed and tested for S61 helicopters, Night landing with communication facility.

OPERATIONAL FUNCTIONS

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