



GENERAL

Class:	✱ A1 Barge
Rules and regulations:	IMO MODU Code, IMO SOLAS, IMO MARPOL, IMO Load Line
Operational areas:	South East Asia, West of Africa
POB:	112 people (2 man cabins)
Heli deck:	Sikorsky S-61N and S-92, CAP 437

DIMENSIONS

Length Overall:	abt. 99.0 m
Beam over all:	abt. 31.3 m
Length between p.p.	83.7 m
Beam moulded	22.7 m
Depth moulded	7.6 m

STORAGE CAPACITIES

Liquids

Mud pits	580 m ³	3,650 bbls
Base oil	170 m ³	1,050 bbls
Brine	155 m ³	1,000 bbls
Drill water	1,130 m ³	7,100 bbls
Fuel oil	420 m ³	2,650 bbls
Potable water	270 m ³	1,700 bbls

Bulk

Total bulk storage	225 m ³	8,000 cu ft
Sack storage	3,400 sacks	

PAYLOAD CAPACITY

Draught	4.5 m
Payload	3,820 tonnes

DESIGN CRITERIA

Water depth, self-contained mooring	200 m
Maximum drilling depth	5.200 m

MAJOR EQUIPMENT

Tender Drilling Unit

Power generation	4 x 1,900 kW
Mooring system	8 x 64 mm wires
Mud pumps	3 x 1,300 Hp @ 5,000 psi
Main crane	25 tonnes @ 30 m, max radius 45 m
Auxiliary crane	5 tonnes @ 20 m, max radius 25 m

Mast Equipment Package

Dry weight	580 tonnes for SE Asia 690 tonnes for West Africa +630 tonnes of live load
Max operating weight	Lift & Roll Systems, X/Y skidding
Skidding system	700 kips static hook-load, 142 ft clear working height, self-erecting bootstrap type
Drilling mast	450 kips Mechanized casing stabbing of range 2 and 3 tubulars Hi-line system 500 sh tons hook-load x 800 Hp 1,500 Hp Rotary table 37½" diameter 13 ⅝" BOP, 3 rams @ 5,000 psi, one annular @ 5,000 psi 3 shale shakers, degasser, desander, desilter +Room for 3rd party cuttings drier system
Setback	
Pipe handling	
Pipe transfer	
Top drive	
Drawworks	
Rotary table	
BOP stack	
Mud treatment	

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