



GENERAL

| | |
|------------------------|---|
| Class: | ✠ A1 Barge |
| Flag: | Panama |
| 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 kWe |
| 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 |
| Max operating weight | +630 tonnes of live load |
| Skidding system | Lift & Roll Systems, X/Y skidding |
| Drilling mast | 700 kips static hook-load, 142 ft clear working height, self-erecting bootstrap type |
| Setback | 450 kips |
| Pipe handling | Mechanized casing stabbing of range 2 and 3 tubulars |
| Pipe transfer | Hi-line system |
| Top drive | 500 sh tons hook-load x 800 Hp |
| Drawworks | 1,500 Hp |
| Rotary table | Rotary table 37½" diameter |
| BOP stack | 13 5/8" BOP, 3 rams @ 5,000 psi, one annular @ 5,000 psi |
| Mud treatment | 3 shale shakers, degasser, desander, desilter +Room for 3rd party cuttings drier system |

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