



SAIPEM 3000

MONO-HULL, SELF-PROPELLED DP
DERRICK CRANE SHIP



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VERSATILITY

SUITABLE TO CARRY OUT ALL MAIN OFFSHORE TASKS

PERFORMANCE

PROVEN EXPERIENCE AND CUSTOMER SATISFACTION

RELIABILITY

FULLY REDUNDANT DP3 SYSTEM

TECHNICAL SPECIFICATIONS

MAIN FEATURES

- Length overall: 162 m
- Breadth: 38 m
- Depth to main deck: 9 m
- Summer draft: 6,370 m
- Displacement: 31,400 t at operative draft 6.3 m
- Gross tonnage: 20,639 t
- Max. local uniform deck load: 18 t/m²

CLASS

- Type: monohull HLV, dynamically positioned
- Class: ABS
- ABS Class Notation: A1 - AMS, DPS-3, ACCU, CRC
- NMD: Letter of compliance
- IMO: 8309165
- Call sign: C6SW6
- Flag: Bahamas

PROPULSION/DP

- Total thrusters power: 18,5 MW approx.
- Total bollard pull: 288 t
- Main propulsion stern thruster: 2 x 4,500 kW approx. B.P.= 77.5 t/ea. Model LIPS FS 3500 671 MNR (fixed pitch, retractable and azimuthal, for station keeping and transit mode)
- Azimuth thrusters fwd: 2 x 2,400 kW B.P.= 36.6 t/ea. Wärtsilä FS1510 (fixed pitch retractable, for station keeping)
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- Azimuth thrusters midship: 2 x 2,073 kW x 2,073 kW B.P.= 30 t/ea. Rolls Royce TCNRQ105 (controllable pitch, retractable, for station keeping)
- Tunnel thrusters fwd: 1 x 596 kW Wärtsilä CT 200M (controllable pitch)
- Kongsberg DP/PM systems, fully redundant Class 3.
- Transit speed: approx. 8 kn

ACCOMMODATIONS

- Total: 195 persons

MAIN CRANE

- CLYDE Model 76, CW 4015, fully revolving
- Main hook: 2,400 st @ 130 ft - 2,177 t @ 39.6 m revolving with 1° cross angle
- Auxiliary hook: 600 st @ 141 ft - 544 t at 43 m
- Whip hook: 75 st @ 272 ft - 68 t at 83 m

AUXILIARY LIFTING CAPACITY

- NOV Crane: V4719 knuckle boom crane Max. SWL 35 t
- Hydralift crane: 15 t @ 25 m
- Crawler crane: Manitowoc 14000 Boom: 44 m Max. capacity: 57.3 t A/R heave compensated winch Pulling force: 350 t Breaking force: 380 t

ANCILLARIES

- Bilge keels: fitted for roll damping Moon pool: provision for 6 m x 6 m dim. at center deck
- Mooring system: 2 x 22 t windlasses and 6 x 12,5 t mooring winches
- Pile hammer: MHU 600, 1000, 1700 self-diesel driven hydraulic power pack plus umbilical winch

UNDERWATER LIFTING CAPACITY

- Main crane auxiliary hook: 544 t @ 290 m below boom hinge 148 t @ 1,010 m below boom hinge 49 t @ 2,090 m below boom hinge
- AHC Winch: 350 t capacity in single mode 700 t capacity in double fall mode 2,000 m water depth
- NOV crane: 20 t at 1,800m water depth

ROVs

- Innovator 150 HP ROV system vertical laying system 90 t capacity carousel

HELIDECK

- Standard Sikorsky - Super Puma
- Maximum capacity: 14,3 t

The Saipem 3000 configuration consists in a monohull unit with the following particulars: length 162 m, breadth 38 m and depth 9 m, self-propelled, with heavy lifting crane, associated to a DP system Class 3. The vessel is suited for worldwide operations in the most severe environmental conditions.

DID YOU KNOW?

THE A-FRAME OF CLYDE CRANE WAS SHORTENED IN ORDER TO REDUCE OUR AIR DRAFT FOR THE PASSAGE UNDER THE BRIDGE CROSSING SUEZ CANAL