





Saipem TAD

Tender assisted drilling barge

CLASSIFICATION:
ABS +A1 barge, (E) drilling tender

FLAG:
Bahamas

HULL TYPE:
Flat bottom raked stern and bow

DIMENSIONS:
91.44 m x 30.48 m x 6.70 m
Uniform deck load: 15 t/sq.m
Draft: 5,021 m in ocean towing unmanned
3,332 m in ocean towing manned
Gross tonnage: 9,156 t
Displacement (provisional): 5,354 t

DECK LOAD CAPACITY:
For draft 1: 7,924 t
For draft 2: 3,086 t

MOORING SYSTEM:
8 mooring lines wire rope 52 mm, 1,200 m long
8 x 7.5 t Delta Flipper anchors
4 x double drum wire winches 65 t max.

ACCOMMODATION FACILITIES:
100 persons

RIG DUTY:
Drilling and workover (max. 150 m depth water)
Rig configuration: vertical

DERRICK:
Self erecting folding mast: 900,000 lbs. Static hook capacity: 1,200,000 lbs gross nominal with hydraulic skidding system

MAXIMUM STATIC HOOK LOAD:
350 t

DRAWWORKS:
Bentec 1,500 HP

RACKING CAPACITY:
16,000 ft DP and 1,000 ft drill collar 6¾”

TOP DRIVE:
Canrig 850 HP folding type

DRILL HOUSE:
Fully computerised controls with anticollision system and info drill

MUD PUMPS HYDRAULIC POWER:
2 Wirth 1,600 HP each

STORAGE CAPACITY:
Active liquid mud: 275 cu.m
Reserve liquid mud: 120 cu.m
Bulk mud: 120 cu.m
Cement: 80 cu.m
Sack: 150 t
Brine: 120 cu.m
Trip tank: 5 cu.m
Sewage tank (grey fluid): 30 cu.m
Domestic drain tank (white fluid): 60 cu.m
Dirty oil tank: 24 cu.m

DRILLING CAPACITY:
16,000 ft

MUD CLEANING SYSTEM:
3 shale shakers, 1 desilter, 2 degasser - mud cleaners

BOP:
Two stacks
First: 20¾” 3,000 psi double rams + 21¼” 2,000 psi spherical
Second: 13⅝” 5,000 psi double rams + 13⅝” single ram + 13⅝” 5,000 psi spherical

TUBULAR:
10,000 ft of 5” DP S135, 5,000 ft of 3½”DP S135, 30 HWDP 5”, 30 HWDP 3½”, 18 spiral DC 6”÷6¾”, 16 spiral DC 4¾” + handling tools for tubular (tongs, elevators, slips, etc.)

ANTIPOLLUTION:
The rig is rated zero discharge

ELECTRICAL SUPPLY:
Power generation by 4 sets CAT 3516 B with 1,285 kW each at 600 V, 60 Hz

MAIN CRANE:
Boom length 56 m, SWL 100 t at 18 m radius, whip SWL 15 t

AUXILIARY CRANE:
Boom length 34 m, SWL 22 t at 15 m radius, whip SWL 6 t

SKIDDING:
Skidding on the existing beams of the platforms

HELIDECK:
Suitable for helicopters up to and including Sikorsky S-92 type





