



Saipem

# Drilling

Saipem TAD



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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: 13¾" 5,000 psi double rams + 13¾" single ram + 13¾" 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:**

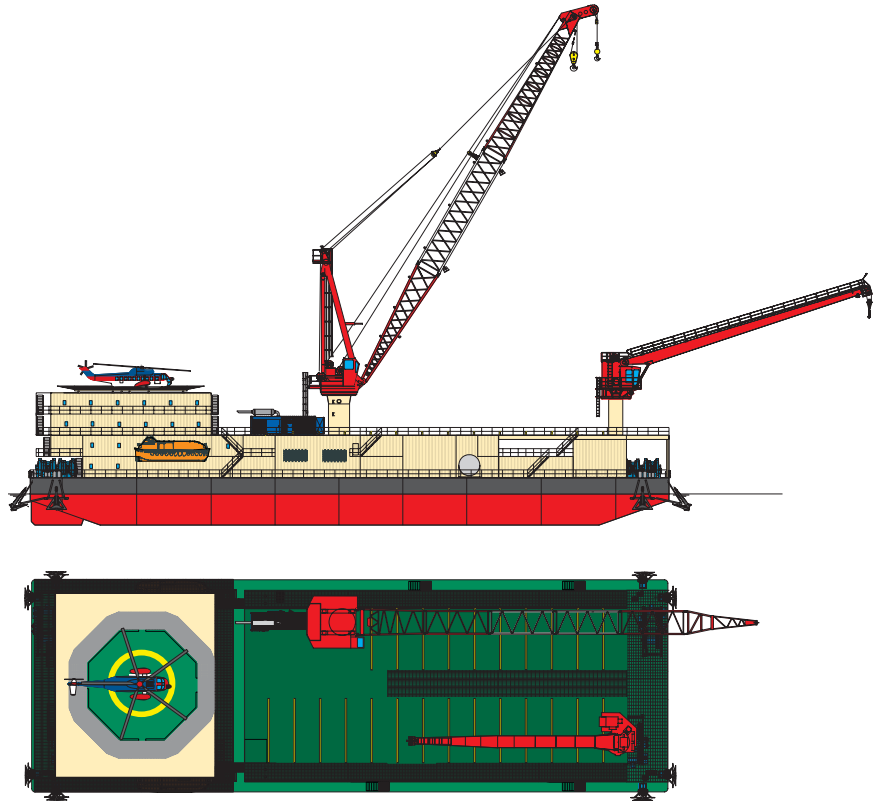
Boom length 34 m, SWL 22 t at 15 m  
radius, whip SWL 6 t

**SKIDDING:**

Skidding on the existing beams of the plat-  
forms

**HELIDECK:**

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







**Saipem**

People, ideas, energy.

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