



Multipurpose Drillship



Economical Offshore Drilling & Well Services solutions

Appointed exclusive APAC promoter / agent

TERATAI ENERGY

www.sa-global.com



DEEP VENTURE

DP2 - multipurpose drillship

O&G
Drilling

Subsea
Intervention

Subsea Plug &
Abandonment

Offshore Wind Farm
Soil Investigation

BUILT: Rauma-Repola OY, Finland, 1982
UPGRADES: 1991, 1998, 2007, 2015 (major)
FLAG: Bahamas

** TECHNICAL SPECIFICATION

CLASSIFICATIONS

DNV *1A1 Ice-1A Ship-shape MODU
DYNPOS-AUTR

WATER DEPTH

Up to 5,577 ft (1,700 m), (min 90 m)

DRILLING DEPTH

Up to 23,000 ft (7,000 m)

STATION KEEPING

DP Class 2, Kongsberg K-Pros 32

MAIN DIMENSION

Length overall: 149.90m

Breadth: 28.80m

Depth: 12.67m

Draft: 7.30m

G/N Tonnage: 12,923RT/3,877RT

CAPACITY

Helideck: 22 x 22 m, 13 Tn (max)

Crane: 40 Tn - 60 Tn

Accommodation: 116 berths

Variable deck load: 7,500 MT

Cargo Hold 1 (350 Tn)

Cargo Hold 2 (650 Tn)

Cargo Hold 3 (430 Tn)

Liquid Mud active: 258 M3

Liquid Mud reserve: 336 M3

Drill Water: 1,695 MT

Fuel Oil: 1,860 MT

Bulk Barite: 3 tanks x 46 M3 each

Bulk Bentonite: 3 tanks x 46 M3 each

Bulk Cement: 3 tanks x 46 M3 each

Material in sacks: 365 MT

Chemical Tanks: 63 bbl & 140 bbl

DERRICK

Manufacturer: Dreco

Type: Heavy Duty Dynamic Derrick

Dimension: 53 m x 14 m x 11 m

Max Hook Load: 590 MT with 14 lines

Racking: 385 x 5½ DP, 3 x 9 ½ DC

Setback: 340 Tn

Each rig is equipped with motion compensator and Active Heave compensator

DRAWWORKS

Oil well E-3000-UDB

Rating: 3,000 HP driven 3 ASEA motors

Brakes: Emalgco 7838

TOP DRIVE

Maritime Hydraulics DDM 650 HY

Rated capacity: 590 MT (650 ST)

Torque: 55,000 lbs.ft @ 225 RPM

ROTARY TABLE

National, Oilwell 49 – 1/2

Rated capacity: 800 Tn

Max. opening: 49½ " (1,257.3 mm)

MUD PUMPS

2 x National Oilwell A1700-PT Triplex

1 x Continental Emsco FB1600 Triplex

Rating: 800 HP (each)

Max. pressure: 5,000 psi

POWER SYSTEM GENERATORS

6 x 3000 BHP Wartsila 16V22B diesel engine, alternator 3,300 KVA,

6,000V, 50Hz

WELL CONTROL SYSTEM

BOP Stack

- 1 x 18¾ x 5,000 psi Dual-Hydril annular, H2S certified
- 2 x 18¾ x 10,000 psi Cameron U double rams, H2S certified

Diverter

- Hydril / FS 21-500 21", 500 psi

Control System

- ABB Type 80 Accumulator Unit
- Accumulator capacity: 990 gallons

Choke & Kill

- **T3 Type "FC" 10,000 psi**
C&K manifold 2 x adjustable flow control chokes
2 x power choke & 10k by-pass line
H2S certified
- **WOM 15,000 psi**
C&K manifold 2 x hydraulic Swaco chokes
1 x manual choke & 15k by-pass line
H2S certified

LIFE SAVING

Life boats: 4 x 58 people each

Life rafts: 12 x 20 people each

Rescue boat: 1 MOB boat

THRUSTER

5 x tunnel thruster (3 forward, 2 aft)
1,380 KW each

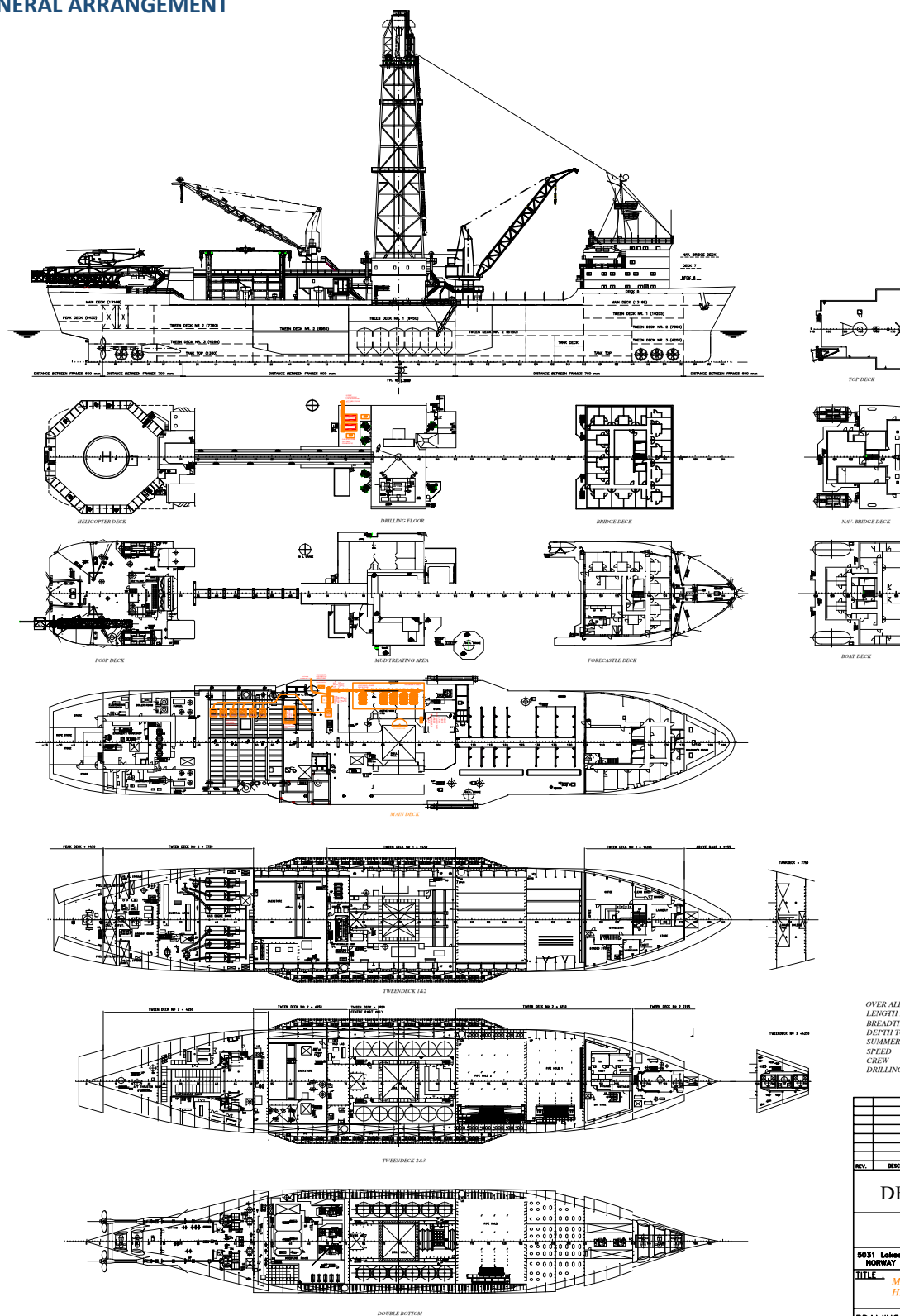


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GENERAL ARRANGEMENT



DRILL SHIP

OVER ALL LENGTH	149.40	M
LENGTH BETWEEN PP	136.80	M
BREADTH	28.80	M
DEPTH TO MAIN DECK	12.65	M
SUMMER DRAUGHT	7.30	M
SPEED	13	KN
CREW	116	POB
DRILLING WATER DEPTH	1500	M

REV.	DESCRIPTION	DRWN.	CHKD.	APPR.	DATE
DEEP VENTURE					
DESIGN	SCALE	CHK	SCALE	CHK	SCALE
CORRECT	SCALE	SHEET	BY	CHK	DATE
TITLE: MUD CLEANING AND CUTTINGS HANDLING EQUIPMENT					
DRAWING NO.	DWGNO.				REV.



contacts



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