

 **Stena Don**



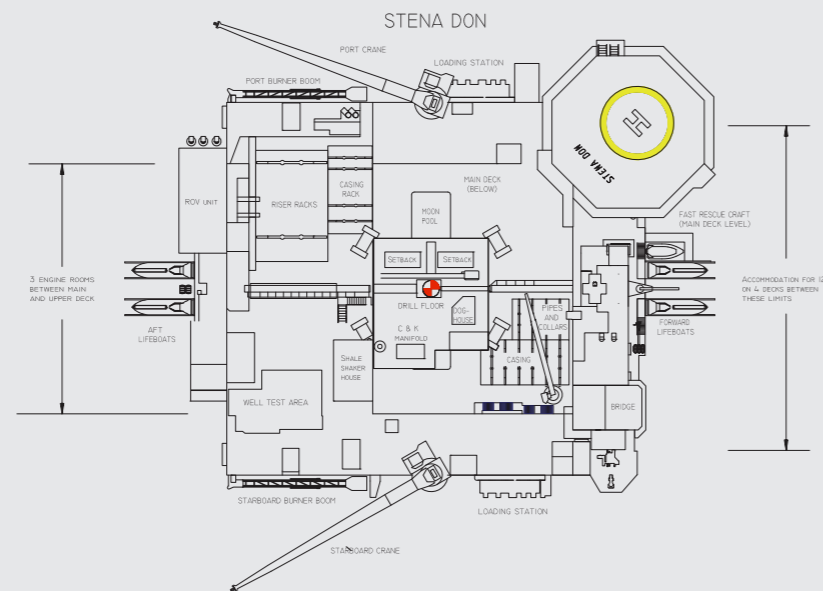
  
**Stena Drilling**  
CARE, INNOVATION & PERFORMANCE



## GENERAL DESCRIPTION

**STENA DON IS A DYNAMICALLY POSITIONED (CLASS 3), HARSH ENVIRONMENT SEMI SUBMERSIBLE DRILLING, COMPLETION AND WORKOVER VESSEL FOR WORLDWIDE OPERATIONS.**

The Stena Don has a capability for a water depth of 420ft – 1640ft using 18 3/4" – 15,000psi WP 'TL' Cameron and Cameron 21" LK 2.0 / RF 25 x 65' Joints of riser.



TECHNICAL PLAN

## 1 GENERAL INFORMATION

RIG TYPE	Semi Submersible
DESIGN	Twin Pontoon, 6 Columns Moss Maritime CS30
CONSTRUCTION YARD	Kvaerner Warnow Werft Shipyard, Germany
YEAR BUILT	2001 Upgraded VDL 2010
CLASSIFICATION	DNV+1A1 Column Stabilised Drilling Unit, DRILL (N), Structure (N), E0, DYNPOS AUTRO, CRANE, HELD-K
FLAG	Marshall Islands
STATION KEEPING	DP Class 3 Kongsberg Simrad SDP 21
MAX WATER DEPTH	500m
MAX DRILLING DEPTH	8473m
HELIDECK	Capacity Sikorsky S-92 / Super Puma

## 2 DIMENSIONS / LOADING

LENGTH	95.5m
BREADTH	67m
MOONPOOL	7 x 21.5m
OPERATING DRAFT	21.5m
TRANSIT DRAFT	11.5m
VDL (OPERATING)	5,100mt

## 3 DRILLING EQUIPMENT

MAST	Hydralift 750/36 – 120ft free net height
HOIST/DRAWWORKS	Hydralift 3 x Hydraulic Cylinders 680mt
MOTION COMPENSATOR	Passive Heave Compensator, 7,62m stroke, 680mt Active Heave Compensator, 7,62m stroke, 317mt
TOP DRIVE	Hydralift HPS 750 2E AC Drive(TD)
PIPE HANDLING	Hydralift – Hydra Racker III,
OFFLINE STAND BUILD	N/A
SHALE SHAKERS	5 x NOV – VSM300

## 4 WELL CONTROL EQUIPMENT

BOP	Cameron 18." 15,000 psi WP 'TL'
LMRP	1 x CIW DL Annular 10K 18 3/4 "
WELLHEAD CONNECTOR	Vetco H4 ExF
CONTROL SYSTEM	Cameron MUX system
RISER	Cameron 21" LK 2.0 / RF
RISER TENSIONERS	8 x 160 kips, Stroke -15.24m Hydralift
CHOKE & KILL MANIFOLD	Cameron 3-1/16" – 15K
DIVERTER	GE Vetco – KFDS-CSO 500 – 60 1/2"

## 5 CAPACITIES

LIQUID MUD	645m <sup>3</sup>
DRILL WATER	903m <sup>3</sup>
POTABLE WATER	519m <sup>3</sup>
FUEL OIL	2611m <sup>3</sup>
BULK MUD	396m <sup>3</sup>
BULK CEMENT	236m <sup>3</sup>
BRINE	640m <sup>3</sup>
SACK MATERIAL	2000 Sacks

## 6 MACHINERY/HOISTING/ STATION KEEPING EQUIPMENT

MAIN POWER	9 x Wartsila 16/25 - 3.5 Mw at 900 rpm.
EMERGENCY POWER	Integrated in main power
DP SYSTEM	Kongsberg Simrad SDP 21
THRUSTERS	6 x Rolls Royce Aqua Master UUC 5001
MOORING SYSTEM	N/A on DP rig
DECK CRANES	2 x Hydralift Knuckle Boom OKMCVC 4000
RISER CRANE	N/A
BOP HANDLING	320Mt Hydraulic operated trolley
BOP HANDLING	350Mt Overhead Crane

## T H E F L E E T



STENA DRILLING LIMITED

Ullevi House | Greenbank Crescent | East Tullos  
Aberdeen | Scotland | AB12 3BG

Tel. +44 1224 401180 | Fax +44 1224 897089

[STENA-DRILLING.COM](http://STENA-DRILLING.COM)