

STENA EVOLUTION

The Stena Evolution is a Samsung 7th Generation Operation-oriented Enhanced Ultra Deep Water DP3 Drillship capable of operating in water depths up to 12,000ft and drilling depths up to 40,000ft. The premium high specification asset is designed with a 24,000 MT VDL, dual activity and offline capabilities.



For additional information, please contact: **Stena Drilling Ltd**, Greenbank Crescent, East Tullos, Aberdeen, AB12 3BG
 Phone: +44 1224 401180 Fax: +44 1224 897089 Email: SDLCommercial@Stena.com www.stena-drilling.com

General Description

| | |
|----------------------------|-------------------------------|
| Hull dimension (L x W x D) | 233 m x 42 m x 19 m |
| Displacement | 89,792 mT |
| Operating Draft | 11 m |
| Transit draft | 9.5 m |
| Maximum Water Depth | 12,000 ft |
| Drilling Depth | 40,000 ft |
| Variable Deck Load | 24,000 mT |
| POB | 240 |
| Cabin | 40 x 1P cabin, 100 x 2P cabin |
| Moonpool Size | 25.6 m x 12.5 m |
| Maximum Transit Speed | 12 knots |

Power Generation System

| | |
|----------------------|---------------------------|
| Main Engine | 6 x 8,000 kW |
| Generator | 6 x 7,400 kW, PF 0.9, ABB |
| Generator Monitoring | DGMS, ABB |
| Drilling VFD Power | 3 x 6 MVA = 18 MVA |

Station Keeping

| | |
|------------------------|---------------------------|
| Dynamic Positioning | DPS-3 |
| Azimuth Thrusters | 6 x 5,500 kW, Rolls Royce |
| Closed Bus Switchboard | Prepared for |

Cranes

| | |
|---------------------------|----------------------|
| Deck Cranes | 3 x 100mT, 1 x 150mT |
| BOP Gantry crane | 2 x 270 mT |
| BOP trolley | 600 mT |
| X-mas Tree Trolley | 200 mT |
| X-mas Tree Overhead Crane | 150 mT |

Storage Capacities

| | |
|--------------------------------------|-------------------------|
| Diesel Oil | 7,799.9 m3 |
| Fresh Water | 1,563.2 m3 |
| Drill Water | 3,122.4 m3 |
| Base Oil | 1,018.8 m3 |
| Dry Bulk Barite / Bentonite | 550 m3 |
| Dry Bulk Cement | 414 m3 |
| Transfer capacity (Barite/Cement) | 100 MT/hr / 120 MT/hr |
| Active Mud (incl. slug and chemical) | 1,328.8 m3 |
| Reserve Mud (incl. waste) | 2,906.7 m3 |
| Completion Fluids | 1,016.8 m3 |
| Trip Tank / Stripping Tank | 2 x 96.3 bbls / 15 bbls |

Drilling Equipment

| | |
|----------------------------------|--|
| Derrick (Dual) | Main 1,400 ST / Aux 1,000 ST |
| Setback Capacity | 2,000 ST / 1,814 MT |
| Casing Storage on Deck | 2,700 MT |
| DP/DC/HW Storage on Deck | 1,640 MT |
| Hoisting Capacity MW / AW | 1,134 MT / 816 MT |
| Max Combined Load | 2,000 ST / 1,814 MT |
| CMC Main | 500 ST / 454 MT Compensated |
| | 1,400 ST / 1,270 MT Static |
| Active Heave Drawworks Main | 1,400 ST |
| Active Heave Drawworks Aux | 1,000 ST |
| Topdrive (MW & AW) | TDX 1,250 2,680 HP |
| Hoisting Capacity | 1,250 ST |
| Make-up, Break-out Torque | 120,000 / 150,000ft-lbs |
| Continuous Torque | 105,000 ft-lbs @ 130 rpm |
| Rotary Table(MW &AW) | 1,375 ST-75.5" & 1,000 ST-605F |
| Iron Roughneck | 2 x NOV ARN 270, 200,000 ft-lbs |
| HydraRacker IV (MW & AW) | 15t - 2.7m / 12.5t - 3.3m / 10t - 3.9m / 7t - 4.8m |
| Pipe Catwalk | 15 MT |
| Mousehole | MR3 15 MT 45ft 18" |
| Access Baskets in Derrick | Vertical Travelling |
| Palfinger Crane on Drillfloor | 2, Man Riding Basket equipped |
| Palfinger Crane in Moonpool | 2, Man Riding Basket equipped |
| Riser Catwalk | 60 MT, Hydraulic Operated |
| Riser Overhead Crane / Elevation | 50 MT / 50 MT |
| Riser Storage / Riser Outfitted | 14,580 ft / 12,120ft |
| Pipe Catwalk | 15 MT |
| ACS / PIM | Applied |
| MMC Stand building and tripping | Applied |
| MMC Riser | Applied |
| Riser Tensioning Capacity | 2,000 ST / 1,814 MT |
| BOP | 2, NOV PCG 15K 7 rams |
| Choke & Kill Manifold | 15,000 PSI, NOV |
| Diverter | 500 PSI 75 1/2", Shaffer |
| Shale Shaker | 7, MI-SWACO |
| Cement Unit | 15,000 PSI, Schlumberger |

