BASSDRILL ALPHA TENDER BARGE

The BassDrill Alpha Tender Barge has been developed by Bassoe Technology for the US drilling contractor BassDrill Management Inc. The BassDrill Alpha, approved by ABS, is under construction at Lamprell, UAE. The Tender Barge is intended for light drilling, re-entry and work-over operations with a Drilling Set on fixed installations in water depths between 5 and 200 meters (15 and 650 ft) in benign environments, such as West Africa and South East Asia. The deadweight is approx. 3,000 tonnes at a draught of 4.50 meter.

BT-3500 SEMI TENDER DRILLING UNIT

Bassoe Technology has developed a Semi Tender Drilling Unit. The intention is to perform tender support drilling operation from fixed installations and deepwater SPAR and/or TLP or deepwater fixed installations in benign environments.

The BT-3500 TSV has a variable deck payload of 3,500 tonnes for moored operations in water depths up to 250 m (820 ft) in South East Asia and West Africa. For deep water operations the unit will be attached to a pre-set mooring system.

The Unit is designed to allow mooring with either of two sides towards the installation to provide maximum flexibility with regard to installation interface. The unit has capacity for 184 people.
SEMI-SUBMERSIBLES

Bassoe Technology has developed a range of cost optimized DP deepwater drilling semi-submersibles for efficient and safe drilling in harsh as well as in moderate environments.

BT-9000 is a harsh environment DP-3 unit with a VDL of 9,000 tonnes in operations up to 10,000 ft water depth and 45,000 ft drilling depth. The Unit can be arranged with a single derrick in harsh environment and/or a dual derrick in moderate environment conditions.

BT-12000 is a harsh environment DP-3 unit with a VDL of 12,000 tonnes in operations up to 12,000 ft water depth and 45,000 ft drilling depth. The Unit can be arranged with a dual derrick in harsh environment conditions.

DRILLSHIPS

The BT-MDS is a Panamax size deepwater drillship for moderate environment conditions with large storage capacities and flexible drilling layout. The hull shape and propulsion arrangement is efficiently designed for high transit speed. DP drilling operations in up to 10,000 ft water depth, with a payload capacity of 20,000 tonnes.

The Bassoe Arctic Drillship is a purpose designed arctic drillship for year around operations in up to 3 m (10 ft) ice. The double ended hull enables efficient operations also in harsh environment open sea conditions.
Bassoe Technology is an engineering and project management company within the Bassoe Group, a rigbroker and project venture group. Bassoe Technology specializes in designing floating and mobile offshore units.

Design Capability

Bassoe Technology provides design and engineering services for development of floating and mobile offshore structures such as semi-submersibles, drillships, FP(D)SO's and Tender Drilling Support Units.

Clients are shipyards, constructions sites, rig operators, oil companies and brokers.

The work includes all phases from concept development through class approval design to construction supervision and commissioning. Project management resources for technical due diligence and 3rd party verification work, conversion and upgrades of existing units.

Our vast experience in technology covers structural design, motion, mooring and DP analyses, weight control and stability analyses, marine outfitting, accommodation, safety, power generation, utility systems, electrical and control systems, arrangement and layouts, drilling system design. Recognized and proven design tools are used for analyses and design is performed by using 2D and 3D systems.

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P.O. Box 2338, SE-403 15 Göteborg, Sweden. Tel: +46-31-85 58 00. Fax: +46-31-85 58 99. www.basstech.se