Liftboat Applications

Marine Propulsion Systems

3. Wind Farm Installation Vessel  "SEAJACKS ZARATAN"

- Propulsion: 2 x 20/22 1251 RT-FP
- Well-mounted hydraulic thrusters
- 2,000 kW each at 900 rpm
- Supplied by: ZF
- Owner: Lamprell Group, UAE
- Client: Seajacks International, United Kingdom

4. Jack-Up Vessels  "BEAUMARIS / HURST / VORTEX / LOXAHATCHEE"

- Propulsion: 4 x 17/20 1011 WM-FP
- Well-mounted hydraulic thrusters
- 1,500 kW each at 1,200 rpm
- Supplied by: ZF
- Owner: Gulf Marine Services, UAE
- Client: Gulf Marine Services, UAE

5. Heavy Lift Jack-Up  "GOLIATH"

- Propulsion: 4 x 20/22 6111 DM-FP
- Deck-mounted hydraulic thrusters
- 970 kW each at 1,800 rpm
- Owner: Geo Sea, Luxembourg
- Manufacturer: ZF

References

1. Accommodation Jack-up Barges  "GMS ENDEAVOUR / ENDURANCE / ENTERPRISE / EVOLUTION"

2. Accommodation Jack-up Barges  "GMS SCIROCCO / SHAMAL / SHARQI"

3. Wind Farm Installation Vessel  "TERAS CONQUEST 1"

- Propulsion: 3 x ZF AT 6011 WM-FP
- Tunnel thruster
- 1,100 kW each at 1,200 rpm
- Supplied to: Ezra Marine Services, Singapore
- Owner: Teras Offshore, Singapore

4. Accommodation Jack-Up Barges  "GMS ENDEAVOUR / ENDURANCE / ENTERPRISE / EVOLUTION"

5. Liftboat  "TERAS CONQUEST 1"

- Propulsion: 3 x ZF AT 7011 WM-FP
- Retractable hydraulic thrusters
- 1,500 kW each at 1,000 rpm
- Supplied to: Lamprell Group, UAE
- Owner: Seajacks International, United Kingdom

6. Heavy Lift Jack-Up  "GOLIATH"

- Propulsion: 4 x ZF AT 8011 RT-FP
- Retractable hydraulic thrusters
- 2,000 kW each at 900 rpm
- Owner: Geo Sea, Luxembourg
- Manufacturer: ZF
Well Mounted Azimuth Thruster / Retractable Azimuth Thrusters / Tunnel Thrusters

45 years of being a reliable and renowned thruster supplier, ZF Marine Thruster System’s cutting-edge design and technical competence are the result of ZF Group’s emphasis on continuous research and development efforts. ZF Thrusters are available in both L-Drive and Z-Drive, up to a power of 2,150 kW.

- ZF Azimuth Thrusters give the best power-to-weight ratio, simplicity of installation and operation
- ZF Retractable Azimuth Thrusters work as conventional side thrusters when fully retracted in shallow water. Known for their reliability, compact and space-saving design, they stand out as an excellent choice for liftboat applications
- Controllable pitch configuration is available for ZF Tunnel Thrusters in power range from 400 to 850 kW

ZF Thrusters 4000...8000 Series Engine Power Range

ThrusterCommand®

Designed for excellent propulsion control, ZF ThrusterCommand® complete remote control system supports all ZF Thruster Systems, and is inclusive in ZF Marine standard scope of supply.

Interfaces can be made to dynamic positioning systems, autopilot, single joystick systems and voyage data recorder units. Our comprehensive system contains wheelhouse panel, optional wing panels, electronic control unit in machine room, and smooth interface with all prime movers; with options of electric or hydraulic steering motors. ZF ThrusterCommand® is easy to install, with ethernet-based redundant wiring.