

References

1.

Accommodation Jack-Up Barges
“GMS ENDEAVOUR / ENDURANCE /
ENTERPRISE / EVOLUTION”

Propulsion
4 x ZF AT 6011 WM-FP
well mounted azimuth thrusters
1,200 kW each at 1,200 rpm

Owner
Gulf Marine Services, UAE
2.

Accommodation Jack-Up Barges
“GMS SCIROCCO / SHAMAL /
SHARQI”

Propulsion
4 x ZF AT 5011 WM-FP
well mounted azimuth thrusters
825 kW each at 1,200 rpm

Owner
Gulf Marine Services, UAE
3.

Wind Farm Installation Vessel
“SEAJACKS ZARATAN”

Propulsion
2 x ZF AT 8011 RT-FP
retractable azimuth thrusters
2,000 kW each at 900 rpm
3 x ZF AT 7011 WM-FP
well mounted azimuth thrusters
1,500 kW each at 1,000 rpm

Supplied to
Lamprell Group, UAE

Owner
Seajacks International, United Kingdom
4.

Jack-Up Vessels “SEAJACKS
HYDRA / KRAKEN / LEVIATHAN”

Propulsion
4 x ZF AT 7011 WM-FP
well mounted azimuth thrusters
1,500 kW each at 1,000 rpm

Supplied to
Lamprell Group, UAE

Owner
Seajacks International, United Kingdom

5.

Liftboat
“TERAS CONQUEST 1”

Propulsion
3 x ZF AT 6011 WM-FP
well mounted azimuth thrusters
1,100 kW each at 1,200 rpm
1 x ZF TT 4001 FP
tunnel thruster
440 kW at 1,200 rpm

Supplied to
Ezra Marine Services, Singapore

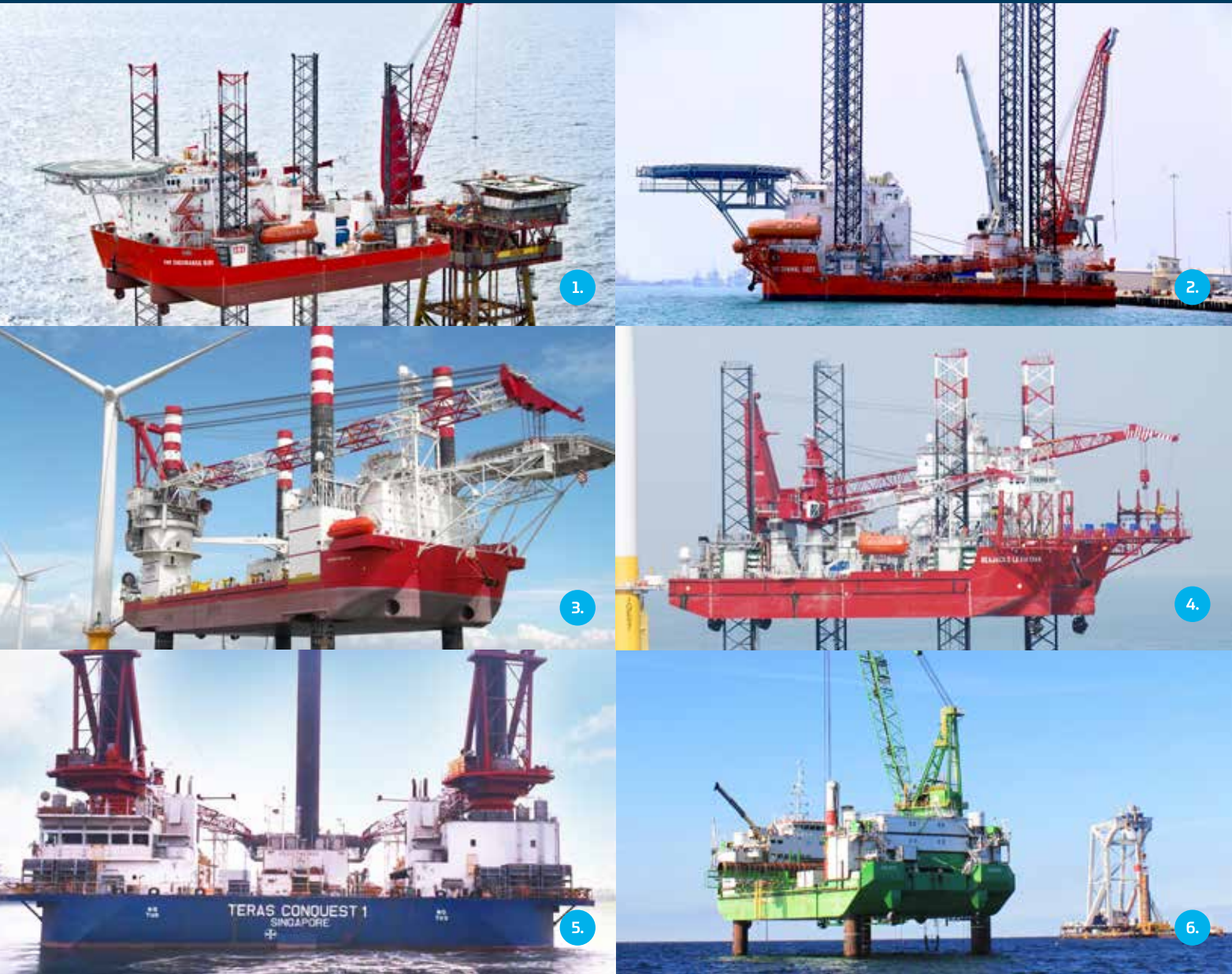
Owner
Teras Offshore, Singapore

6.

Heavy Lift Jack-Up
“GOLIATH”

Propulsion
4 x ZF AT 6111 DM-FP
deck mounted azimuth thrusters
970 kW each at 1,800 rpm

Owner
Geo Sea, Luxembourg



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Liftboat Applications

Marine Propulsion Systems

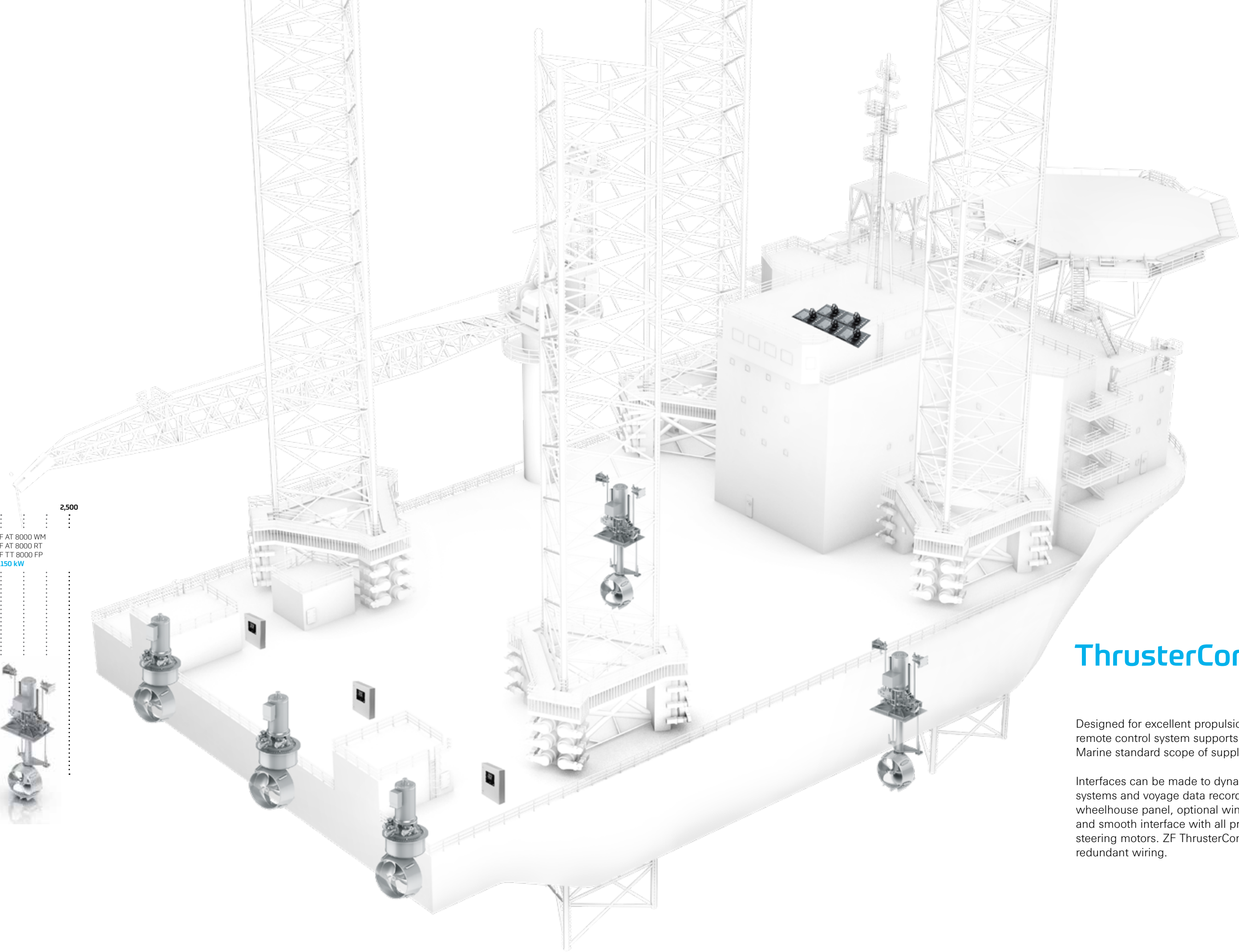
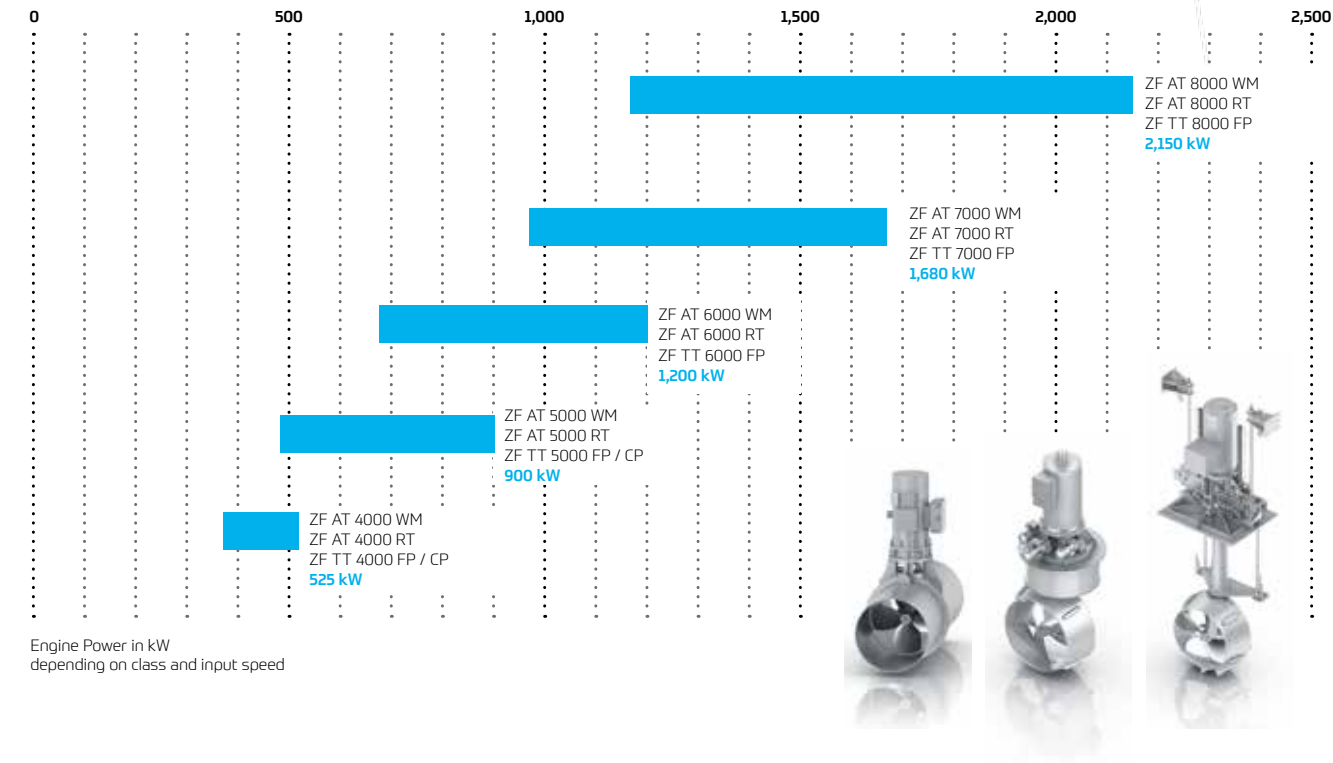


Well Mounted Azimuth Thruster / Retractable Azimuth Thrusters / Tunnel Thrusters

45 years of being a reliable and renowned thruster supplier, ZF Marine Thruster System’s cutting-edge design and technical competence are the results 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.