



TMT has compiled a highly advanced Barge Management System, also known as Tug Management System. Combining the best in technology with intelligent equipment combinations and skilled personnel. The system fuses a highly accurate positioning system with a next generation wireless telemetry link to provide a reliable and user friendly interface.

An AHRS provides increased GNSS accuracy, as well as dead reckoning when GNSS outages are experienced. TMT's Barge Management System allows for remote control of the survey system from the Rig, as well as providing QA/QC of anchoring operations. The high-bandwidth digital communications link has the provision for a number of services such as video conferencing, streaming, large file transfers, long distance tracking, integration of AIS + Aids to Navigation, 3D Rig-move operations & more.

Combined with the survey navigation package, the system provides the ability to display a database of all relevant surface and subsea infrastructure, as well as plotting all proposed anchor drop locations, and range & bearing information. The system is highly configurable and is offered as a bespoke or off-the-shelf solution.

Features:

- AHRS as standard
- High-accuracy GNSS
- Integration to AHV Winch system
- Suited for Pipeline installation
- Tracking of AHV over 20kms
- Video Telemetry + VOIP facilities
- Fully customizable + adaptable
- Multi-Helmsman Display (Fwd/Aft)
- Extremely cost effective solution

Specifications:

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|----------------------------|-------------------------------|
| • Dimensions | 334H x 267W x 440Dmm |
| • Weight in Air (approx.) | 20kg |
| • Position Accuracy | Decimetre |
| • Heading Accuracy | 0.10° |
| • Pitch & Roll Accuracy | 0.15° |
| • Heave Accuracy | 5% or 0.05 m |
| • Range | Up to 20km |
| • Possible Tracked Vessels | 20+ |
| • Network Type | Ethernet, Point-to-Multipoint |

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