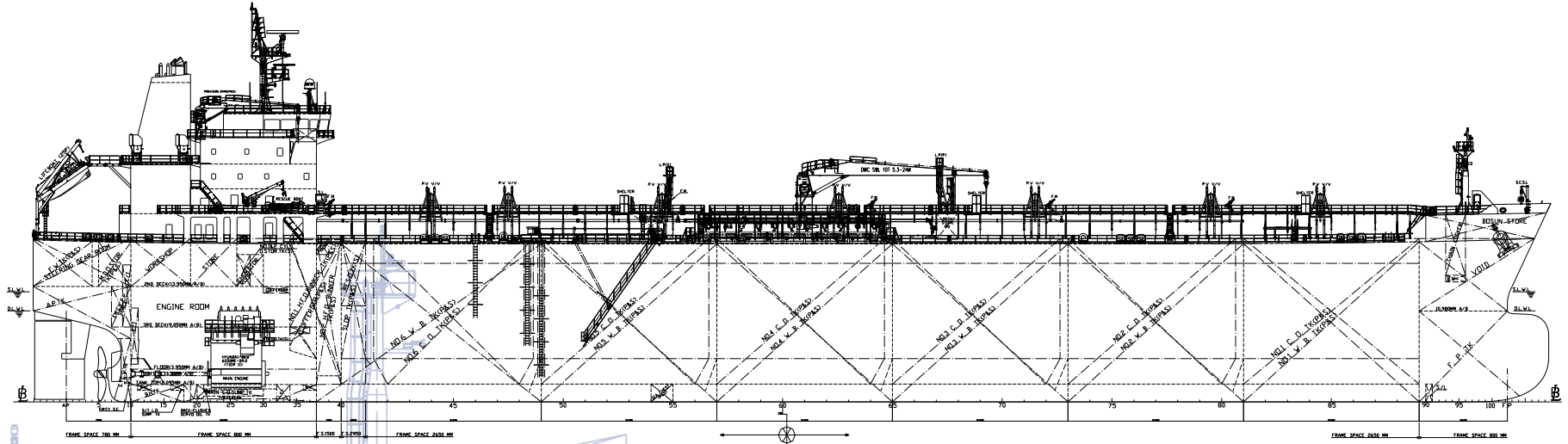


MT50 Product Tanker



Main Dimensions

| | |
|---|------------------------|
| Length overall | abt. 183.31 m |
| Length between perpendiculars | 174.0 m |
| Breadth, molded | 32.2 m |
| Depth, at side | 19.1 m |
| Draft, design / scantling | abt. 11.0 / 13.0 m |
| Deadweight, at 11.0 / 13.0 m draft | abt. 39,500 / 49,850 t |
| Gross tonnage | abt. 29,700 GT |
| Tank capacity | |
| Cargo | 54,090 m ³ |
| Slops and Residual | 1,210 m ³ |
| Cargo & slops | 55,300 m ³ |
| Ballast | 22,400 m ³ |
| HFO | 1,450 m ³ |
| MDO | 260 m ³ |
| Freshwater | 280 m ³ |
| Lube oil | 112 m ³ |
| Speed, at 11.0 m, 85% MCR, 15% SM | abt. 14.5 kn |
| Radius of action ISO cond., 11.0 m, 14.5 kn | 17,740 nm |
| Air Draft | 43.8 m |

Class

American Bureau of Shipping
 +A¹, Oil and Chemical Carrier, +AMS,
 +ACCU, CSR, AB-CM, VEC, UWILD, COW,
 TCM, CRC, CPS, ENVIRO, GP, POT, RRDA,
 SPMA, ESP, IMO Ship Type 2, BWE, BWT, RW
 Flag of Registry United States of America

Equipment for Cargo

| | |
|----------------------------|--------------------------------------|
| Cargo tanks | 6 pairs & slops |
| Hyd. submerged pumps | 12 x 600 m ³ /h, 125 m TH |
| Unloading/loading capacity | 3,600 m ³ /h |

Ship's Equipment

| | |
|--|----------------------------------|
| Semi-balanced spade rudder | |
| 2 combined anchor windlass / mooring winches | |
| 6 mooring winches (double) | |
| Lifeboat (freefall) | 1x30 pers. |
| Stores / provisions cranes | Port 1x2 t SWL Stbd 1x4 t SWL |
| Cargo hose handling crane | 1x10 t SWL |
| Mewis Duct | |

Machinery

| | |
|-------------------------------------|--|
| Main engine | Hyundai-B&W 6S50ME-B9.2, 2-stroke, 6-cyl |
| D.M.C.R | 11,000 BHP (8,200 kW) at 99 RPM |
| N.C.R. | 8,280 BHP (6,175 kW) at 90.1 RPM |
| Propeller | 1x Fixed pitch, 4-bladed |
| Diameter x pitch (mean) | 6.60 x 4.72 m |
| Heat generating plant (steam) | |
| Auxiliary system | 1x 18 t/h |
| Exhaust gas (NCR, ISO) | 1x 0.8 t/h |
| Diesel generator aggregates | 3 x 830 kW at 900 RPM |
| Voltages for main consumers | 440 V and 220 V, 60 Hz |
| Integrated automation system | |
| Ballast system | 2 lines, 2 x 750 m ³ /h |
| Water firefighting system | |
| CO ₂ firefighting system | |
| Foam water spray system | |
| UV Ballast Water Treatment System | |

Accommodation

| | |
|-----------------------------|--------|
| Complement, including pilot | 25 + 6 |
|-----------------------------|--------|

Building the Future



part of Aker