**MAIN DATA**

- Bollard pull: 60 tonnes
- Speed: 12.5 knots
- Length over all: 29.50 m

**60 TBP HARBOUR TUG**

The basic operations of the vessel are as follows: To assist in the berthing and unberthing operations of vessels. To perform towing and ship handling operations. To carry out fire fighting operations.
**MAIN DIMENSIONS**
- Length, o.a.: 29.50 m
- Length w.l.: 28.40 m
- Beam mld.: 11.60 m
- Depth moulded: 5.53 m
- Design draught: 3.83 m
- Navigational draught: 5.65 m

**CALCULATED TRIAL SPEED**
- Speed: 12.5 knots

**CAPACITIES**
- Fuel oil: abt. 145 m³
- Ballast water: abt. 65 m³
- Freshwater: abt. 35 m³
- Lub. oil: abt. 7 m³
- Waste oil: abt. 7 m³
- Foam: abt. 7 m³

**DECK EQUIPMENT**
- Towing/anchor winch forward
  - Pulling force: 3 ton (middle drum)
  - Holding brake: 150 ton
  - Towing hook: Optional

**Life rafts**
Two life rafts, cap. 10 men, and equipment according to regulations.

**CLASS**
The vessel including machinery and equipment shall be fully classed under e.g. Det Norske Veritas (DNV) with the notation +1A1, TUG, E0, Fire Fighting 1, or adequate.

**MACHINERY AND PROPULSION**
- Main Engines: 2 x Wärtsila W9L20LF
  - Output: 1800 kW / 1000 rpm
- Thrusters (2600 dia): 2 x Wärtsila FS250-S/WN
- Genset, Cat C6.6: 2 x 170 kWe/ 1800 rpm

**ACCOMMODATION**
The vessel has accommodation for 6 persons in total:
One state cabin for the captain, and one for the chief engineer
Two 2 man cabins
One galley
One combined mess room and day room
One wardrobe deck (fwd ER) incl. laundry room, lockers and toilet as shown on GA plan.