

COMMERCIAL VESSEL

# 148 FT. MAINTENANCE VESSEL



## LOA

147' 6"  
(45m)

## BEAM

36.08'  
(11m)

## DESIGN DRAFT

9.8'  
(3m)

## SPEED

12 knots  
(full load, sea state 3)

## CREW/OFFICERS

22

## OVERVIEW

These specifications describe the construction of a 148 ft. Maintenance Vessel for SPM with single point mooring capability and able to perform usual maintenance with modified supply. The vessel will have adequate strength and stability in compliance with Bureau Veritas (BV) requirements as well as IMO rules for the service intended.

## MACHINERY

- Two (2) CAT 3508 rated at 1000 HP each
- Two (2) 99 kW 380 Volt, 50 Hz, 3-phase generators

## COMMUNICATION AND NAVIGATION

- Line-of-sight navigation system utilizing low power solid state transmitters
- GPS and depth sounder
- Speed and distance log gyro compass system
- Sound powered telephone system
- General announcing system
- Intercommunication system
- Long range and medium range bridge-to-bridge and bridge-to-shore HF and VHF transceivers

## EQUIPMENT

- +100A1, SSC Mono workboat G3=LMC Offshore support and maintenance
- Techcrane 40 ton deck crane
- SOLAS rescue boat and davit
- Fully equipped work shop
- Fully equipped dive shop
- Stern roller

## CAPABILITIES

- Diving inspection and maintenance services
- Mooring hawser change out
- Hose storage and handling
- Fire fighting
- Maintenance of navigational aids
- Hydraulic valve operation
- Pressure testing of hose strings
- Repair of SPM components
- Transfer spares and equipment
- Support tanker maneuvering and safety during SPM marine operations

## OTHER SPECS

- Depth to Main Deck (MOLDED): 13.1' (4m)
- Gross Tonnage: Under 500
- Ballast: 68,000 gal. (257,408 L)
- Water Fuel Oil Day Tanks: 7,100 gal. (26,876 L)
- Fuel Oil Transfer/Storage: 14,600 gal. (55,267 L)
- Potable Water: 9,200 gal. (34,825 L)
- Sewage Holding: 2,200 gal. (8,327 L)
- Clean Lube Oil: 800 gal. (3,028 L)
- Dirty Oil: 800 gal. (3,028 L)
- Hydraulic Oil: 650 gal. (2,460 L)
- Gear Oil: 650 gal. (2,460 L)
- Fire Fighting Tank: 1,500 gal. (5,678 L)

