

45 METER

MAINTENANCE VESSEL

COMMERCIAL VESSEL



These specifications describe the construction of a 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.

SPECIFICATIONS

LOA	147 feet 6 inches (45 meters)
Beam (Molded)	36.08 feet (11 meters)
Depth, to main deck (molded)	13.1 feet (4 meters)
Design draft	9.8 feet (3 meters)
Gross Tonnage	Under 500
Speed (Full load, Sea State 3)	12 knots
Crew/Officers	22

CAPACITIES

Ballast	68,000 gallons (25,7408 liters)
Fuel Oil Day Tanks	7,100 gallons (26,876 liters)
Fuel Oil Transfer/Storage	14,600 gallons (55,267 liters)
Potable Water	9,200 gallons (34,825 liters)
Sewage Holding	2,200 gallons (8,327 liters)
Clean Lube Oil	800 gallons (3,028 liters)
Dirty Oil	800 gallons (3,028 liters)
Hydraulic Oil	650 gallons (2,460 liters)
Gear Oil	650 gallons (2,460 liters)
Fire Fighting Tank	1,500 gallons (5,678 liters)

MACHINERY

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

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

COMMUNICATION & NAVIGATION

Line-of-sight navigation system utilizing low power solid state transmitters, GPS, depth sounder, speed and distance log gyrocompass 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 are provided.