



TUG GAR-DEN S – 1200 HP

Vessel Operator: P and L Towing and Transportation, Inc.
 Location: Miami, FL
 Official Number: 292196
 Vessel Service: Towing
 Trade Indicator: Coastwise - Unrestricted
 Ship Builder: RTC Shipyard - Camden, NJ

VESSEL INFORMATION

Hull Material: Steel	Year Built: 1951/1986
Length (LOA) (ft): 70.00 (62.80)	Hull Depth (ft): 10.20
Hull Breadth (ft): 21.00	Light Draft (ft): 8.50
Loaded Draft (ft): 9.50	Gross Tonnage: 91.00
Propeller: 63" x 40" – 4 Blade Bronze	Net Tonnage: 62.00
Fuel (US Gals): 9,000.00	Water (US Gals): 2,000.00
Maximum Speed (kts): 10.0	Horsepower: 1,200.00

MECHANICAL INFORMATION

Main Engines: (2) Detroit 16V92 (Tandem)
 Transfer Gear: (1) Falk 4:1 Ratio (Tandem)
 Electrical Power: (1) Detroit 4V71T 90kW Main,
 (1) Detroit 2V71 20kW Harbor/Aux
 Steering: (2) Hydraulic Pumps w/ Manual Backup

NAVIGATION AND SPECIAL EQUIPMENT

(1) 12" Furuno Radar FR7112 6' Open Array	(1) Fuel Transfer System
(2) GPS (Furuno GP32, Micrologic ML-50)	(2) 20-ton Hydraulic Pushing Winches
(2) VHF radios (I-Com, Uniden)	(1) 5HP Aft Capstan
(1) Boiler for Radiator Heat	(1) 5HP Bilge/Fire Pump w/ Manifold Setup