



# LABORDE SERVIÇOS MARÍTIMOS LTDA.



## LAB 180

### REGISTRATION

Type: Special Service/ Hope Handling  
 IMO Number: 9291195  
 Call Sign: PS5053  
 Flag: Brazil  
 Port of Registry: Rio de Janeiro  
 Classification: BV  
 Builder: Transnave Shipyard  
 Age ( Hull ) : 2003  
 Navigation: Unrestricted

### NAVIGATION EQUIPMENTS

Radar  
 Navigation System  
 Echo Sounder  
 Speed log  
 Magnetic Compass  
 NAVTEX Receiver  
 GPS Navigator  
 Watch Receiver  
 AIS

### FUEL CONSUMPTION:

Maximum Speed: 12 kts—272 l/h  
 Cruising: 10 kts—244 l/h  
 Economy: 06 kts—130 l/h  
 Standby ( Genset only) 30 l/h

### CHARACTERISTICS

Gross Tonnage: 307 t  
 Net Tonnage: 92 t  
 Overall Length: 36.60 m (120.08 ft)  
 LPP: 33.46 m (109 ft)  
 Breadth: 8.7 m (28.54 ft)  
 Depth: 3.9 m (12.8 ft)  
 Draught: 3.3 m (10.83ft)  
 Freeboard: 300 mm  
 Draft, Full load: 3.15 m (10.33 ft)  
 Deck Length: 18 m (59 ft)  
 Deck Breadth: 7.20 m (23.6 ft)  
 Deck Area: 128.3 m<sup>2</sup> (1380 ft.sq)  
 Deck Cargo: 250 metric tons

### COMMUNICATION EQUIPMENT

GMDSS STATION:  
 SSB  
 MF/HF Radio Terminal  
 VHF Radio ( Station and portable)  
 INMARSAT C

### CAPACITIES

Fuel Oil: 170 m<sup>3</sup>  
 Potable Water: 170 m<sup>3</sup>  
 Maximum Speed: 12 knots  
 Service speed: 10 knots  
 DWT: 325 metric tons  
 Light Weight: 334 metric tons  
 Displacement: 584 metric tons  
 Bollard Pull: 25 t  
 Deck Winch: 10 t  
 Accomodations: 13 persons  
 Crew: 7 men  
 Passengers 6 men

### MACHINERY

Main Engines:  
 (2)CAT 3512 DITA, 1.280 bhp, (each) 1.800 rpm  
 Total output: 2.560 bhp  
 Generators:  
 (2) CAT 3304, 60 kW/220V x 60 hz (each)

### LIVE SAVING & SAFETY EQUIPMENT

EPIRB AND SART  
 Pyrotechnics  
 Search/Flood Lights  
 First Aid & Medical Equip.  
 Life Rafts  
 Lifejacktes  
 Lifebuoys