



TOBIUME MARU

Owner:	Dokai Marine Systems Ltd.
Flag:	Japan
Port of Registry:	Fukuoka-city, Japan
Class/Navigation Area:	JG/Smooth Water Area
Built:	1996, Kanagawa Dockyard Co., Ltd.
Gross Tonnage:	194 tons
L x B x D x d:	33.3m × 9.2 m × 4.2 m × 3.1m
Main Engines:	Niigata 6L28HX × 2 units
Horse Power:	1,800BHP × 2 = 3,600BHP
Propellers:	Niigata ZP-21/3A × 2 units
Maximum Speed:	14.36 knots
Service Speed:	11.5 knots
Bollard Pull:	Ahead-52.0 tons, Astern-46.0 tons
Towing Winch:	2.0 /1.0t × 45/90m/min
Towing Winch Brake Capacity:	70 tons
Towing Rope:	120mm × 200m N/R
Tension Winch:	2.0/1.0t × 45/90m/min
Tension Winch Break Capacity:	60 tons
Tension Rope:	110mm × 130mN/R, 100mm × 150mN/R
Fire Extinguishing Pump:	360m ³ /h × 130m
Chemical Fire Foam:	5.4m ³
Dry Chemical Extinguisher:	2,000 kg
Complement:	Crews-6, Others-8, Passengers-6 (less than 24hrs)
GPS Navigator:	JLU-128J
Radar (96 miles)	JMA-3610-6
Autopilot:	CB-880AN
Color Echo Sounder:	JFV-120
VHF Radio Telephone:	JHS-32A
Coastal Marine Telephone:	TEL 090-3022-0693