

# M/V GRANDE MARINER

## 183' US Flagged Overnight Passenger Vessel



### CERTIFICATION

Built by Blount Industries Inc. in 1998  
Keel laid 05 April 1997 / Delivered 25 June 1998  
Hull #298 / Official Number 1066911  
Vessel renovated in 2010  
USCG Inspected Subchapter T-K  
SOLAS '74 / COI valid thru Dec. 15, 2020  
ABS Loadline Certificate

### TONNAGE

Gross Regulatory Tonnage	97
Net Regulatory Tonnage	72
Gross International Tonnage	829
Net International Tonnage	248

### PRINCIPLE DIMENSIONS

Length O.A.	183' (56m)
Beam	39'-10" (12.19m)
Depth	9'-00" (2.74m)
Design Draft	6'-6" (1.98m)
Passenger Capacity	98 (88 overnight)
Passenger Cabins	44
Crew Cabins/Quarters	10

### TANK CAPACITIES

Fuel	Main Tanks: 6,160 gal. Day (Eng. Tanks): 1540 Aux Tanks (not in use): 3070
Lube Oil	765 gal.
Waste Oil	752 gal.
Potable Water	6094 gal.
Gray Water	1540 gal.
Black Water	3080 gal.

### PROPULSION SYSTEM

Main engines	(2) MAN Cat 3412D; 750 BHP @ 1800rpm
Marine Gear	(2) Twin Disc MG-5202 (2.92:1 Reduction)
Propellers	(2) 4 Blade (46 x 34 bronze)
Ship's Service Power	(3) Caterpillar 3306 170kw Generators
Emergency Generator	Cummins 100 KW, 3-phase, 60 cycle
Bow Thruster	Wesmar V2-20 Hydraulic driven by Cummins 4BT3.9 150hp @2800rpm
Engine Controls	Electronic ZF/Mathers Micro Commanders
Steering System	Wagner Hydraulic with helm pump and jog lever
Hull Construction	Steel with aluminum superstructure

### EQUIPMENT

HVAC	Marine Air Systems individual cabin AC/heat units 8000btu and 16000btu
Marine Sanitation Device	Omnipure model 12 MX
Water Makers	(2) Sea Recovery 3300 gal per day capacity

### SAFETY EQUIPMENT

SOLAS Wet Sprinkler System  
SOLAS Equipped Rescue Boat  
Notifier Fire/Smoke Detection System  
Ansul CO2 Fire Suppression System  
in machinery spaces

### PERFORMANCE

Service Speed	10 knots
---------------	----------



# M/V GRANDE MARINER

## BRIDGE EQUIPMENT

Equipment	Manufacturer	Model #
VHF Radio (Port; Fwd)	Standard	GX1260S (AA1S1)
VHF Radio (Stb; Fwd)	Standard	GX1260S (AA1S1)
VHF Radio (Port; Aft)	FURUNO	FM-8500
SSB Radio (ICOM)	ICOM	710 SSB
NAVTEX Receiver	FURUNO	NX700
IMARSAT-C Terminal	FURUNO	Felcom 18
AIS	FURUNO	FA-150
DGPS (Primary; Stb; Fwd)	FURUNO	GP150D
DGPS (Secondary; Port; aft)	FURUNO	GP-37
RADAR (Port)	FURUNO	1835
RADAR (Stb)	FURUNO	FAR-2117
Satellite Compass	FURUNO	SC-50
Depth Sounder (Port)	Datamarine	D3000
Depth Sounder (Stb)	Datamarine	D3000
BNWAS	FURUNO	BR500
Engine Controls	ZF Mathers	760 w/585 actuators
Main Engine Alarms	Murphy	ST10-AS
Auto Pilot	FURUNO	Navpilot 500
Generator Alarms	Murphy	ST5-AS
Rudder Angle Indicator	Wagner	150
Fire/WT Door Indicator Panel (Alarm Box)	Control	2507A
Fire Alarm	Notifier	CPU1010
General Alarm	Blount Industries	Custom design
Nav Light Panel	J Box	Custom design



# M/V GRANDE MARINER

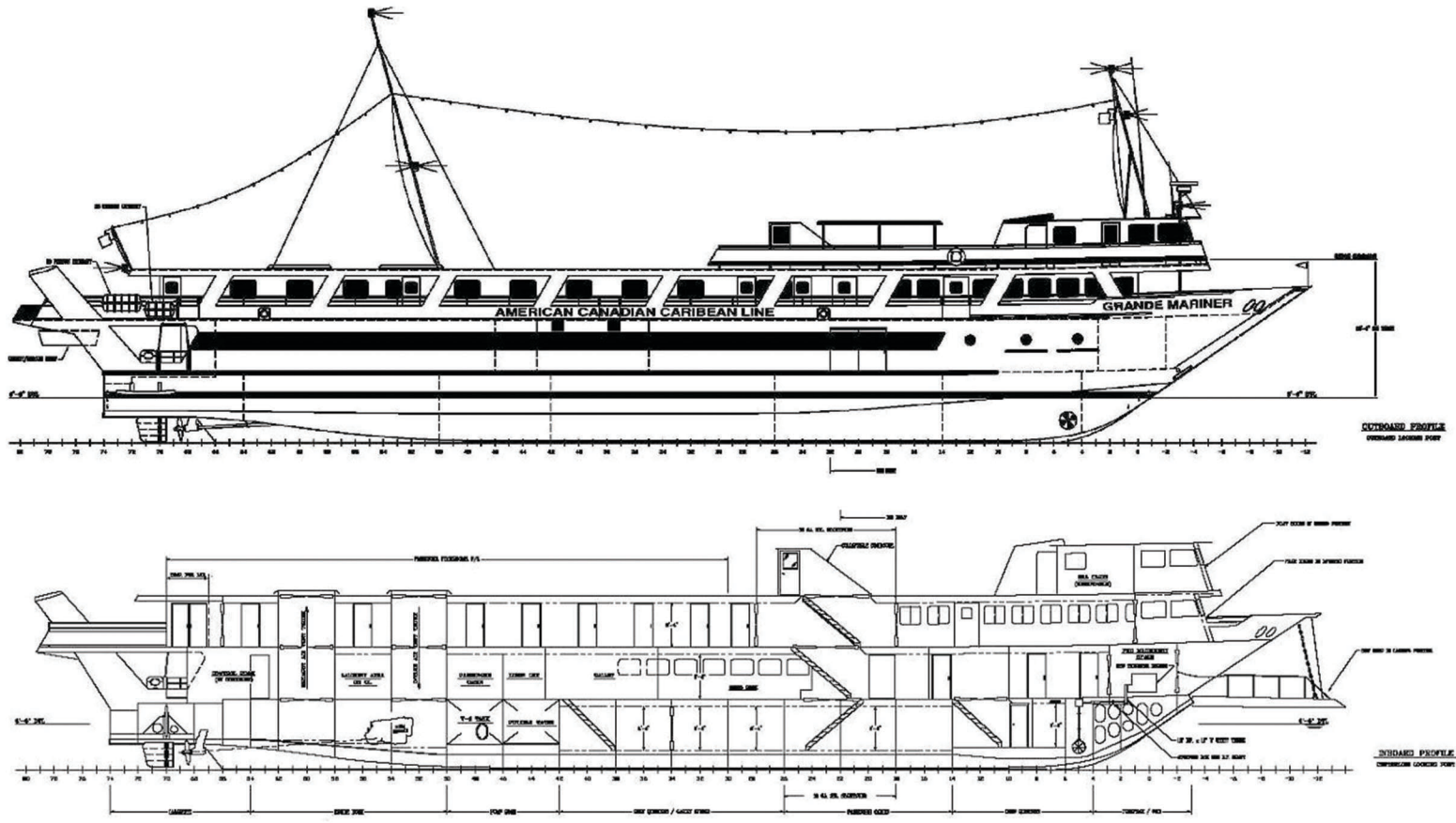
## Items of Interest

- Blount Designed, Built and Patented Bow Landing Ramp
- Blount designed and built 18 passenger Glass Bottom Boat
- Patented Stern Swim Platform
- 18 Passenger USCG Certificated Shore Launch
- Second Deck Vista View Lounge: A Multi-Functional Public Room usable as a Lounge/Reading Room which can also function as an auditorium with seating for over 98 people for lectures/slide shows.
- Low-Rez flexible propulsion engine mounts and vibration isolators on all other machinery.
- Unique Blount designed ventilation system constantly supplies fresh air to each passenger cabin while removing “used air” to the outside. This system feeds fresh conditioned air to every cabin. Therefore passengers breathe 100% fresh air in their cabins.
- Blount designed acoustic “floating deck” between engine room and main deck cabins for sound attenuation.
- Blount designed retractable pilothouse for passage under low bridges in inland waterways.
- Power stair lifts available for passengers (between Main, Second and Third decks).





Ship Profile



Deck Plans

