Designed with advanced safety features such as IGS, segregated ballast and radar gauging systems, Crowley’s 550 Class ATBs offer proven reliability and performance utilizing the best achievable technology currently available. These ATBs are designed for full ocean service and are equipped to achieve speeds of 12 knots.

550 Class Design Highlights:
- 155,284 barrels (550-1); 159,284 barrels (550-2/550-3/550-4) at 96% capacity
- Twin screw, 9,280 HP tug with Intercon notch connection
- 12 knot speeds in seas as high as Beaufort 5 conditions
- Designed to carry clean petroleum products and EZ chemicals
- Barge built under ABS SafeHull program for maximum environmental protection.
- Meets full SOLAS criteria for enhanced crew safety
- Redundant steering system with oversized rudders for maximum handling capability
- Transfer rates of up to 20,000 barrels per hour
- Sumped cargo tanks allowing for minimal cargo ROB
- Remote radar gauging in all cargo and ballast tanks
- Two ballast pumps, each rated at 5,000 bbl/hour
- Dual-mode inert gas vapor collection system
- Two hose-handling cranes with 10-ton safe working load
- Enhanced mooring system featuring 1,000 feet of Spectra-type lines on split drums with a high-speed recovery rate of 100 feet per minute
- One anchor windlass with 10 shots of chain for offshore mooring operation
- Barge meets OCIMF and ISCO requirements

### Name | IMO Number | Year Built
---|---|---
Sea Reliance/550-1 | 9270009 | 2002
Sound Reliance/550-2 | 9270311 | 2002
Ocean Reliance/550-3 | 9275438 | 2002
Coastal Reliance/550-4 | 9271119 | 2002
GENERAL SPECIFICATIONS

FLAG
United States

BUILDER
Halter Marine (550-1/550-2) • Bay Shipbuilding (550-3/550-4)

OVERALL DIMENSIONS
Length:
- 477.1’ (550-1/550-2)
- 121.8’ (Sea Reliance/Sound Reliance)
- 481.9’ (550-3/550-4)

Breadth:
- 74’ (550-1/550-2)
- 42’ (Sea Reliance/Sound Reliance)
- 78’ (550-3/550-4)

Depth:

Design Draft:
- 16’5” (550-1/550-2/550-3)

DWT:
- 18,148 LT (550-1/550-2)
- 19,999 LT (550-3/550-4)

Tonnage:
- 11,129 (550-1/550-2)
- 11,457 (550-3/550-4)

*All information contained herein (including but not limited to any specifications, particulars, capacities, or capabilities) is believed to be correct, but is not guaranteed and is subject to change without notice. Particulars are entirely without warranty as to their correctness and interested parties must inspect the vessel, its certificates and drawings accordingly.

TANK CAPACITY
Cargo @96%: 155,284 bbls
4,575 bbls
(550-1/550-2)
(550-3/550-4)

MGO -
3,076 bbls (550-4)

CARGO EQUIPMENT - Deepwell
- Tanks: 12
- Segregations: 4
- Pumps: 4
- Capacity: 795 M3/HR
- Crane: 2: 20 ton

MACHINERY
- Main Engine: 2 CAT 3416 (550-1/550-2)
- 2 CAT 3516 (550-3/550-4)
- Emissions Standard: Tier II
- HP: 9,280
- Propeller: Fixed Pitch
- Generators: 2
- Ballast Sys.: 2 Deepwell Pump-5,000 bbls/hr

*Quantities are approximate based on gross bbls capacities