



AT-10848 B-35088

55,000-Barrel Articulated Barge

Crowley's 55,000-barrel capacity Articulated Tug and Barge (ATB) was designed to meet Ice Class and Polar Code requirements for year-round operations in Western Alaska. Capable of handling winter ice and temperatures as low as -20°F, it has a range of 4,300 miles and can access most locations in Alaska.

The ATB (410' overall length) features a 9-knot design speed at Beaufort Force 4, Z-drive propulsion, Tier 4 engines, 400 hp bow thrusters, and a specialized coupling system for ship-to-ship lightering at 6K BBLs per hour. Its shallow draft and double hull allow access to waters as shallow as 9 feet.

Overall Dimensions

Length ... 106' **(tug)** / 350' **(barge)**
 Beam 46' **(tug)** / 88' **(barge)**
 Draft 11'9" **(tug)** / 17'6" **(barge)**
 Bollard Pull 97 Short Tons
 Speed 9 knots
 Classification ABS ✱
 A1 Towing Vessel, ✱AMS, ✱ACCU, UWILD, Ice
 Class D0, IHM, SOLAS, Designed to IMO Polar
 Code for a Category C vessel **(tug)**
 ABS, ✱A1 Oil Tank Barge, CPS, BWT, UWILD,
 Ice Class D0, IHM **(barge)**

Specialized Equipment

Main Engine 2:GE 6L250MDC
 Emissions Standard EPA Tier 4, IMO Tier 3 **(tug)**
 EPA Tier 3, IMO Tier 3 **(barge)**
 Installed Power 4,560 HP
 Propellers 2:2,400 mm Dia. Stainless-Steel
 Z-Drive 2:Schottel SRP-460
 Fuel 81,150 gal. **(tug)** 17,150 gal. **(barge)**
 Fresh Water 7,140 gal. **(tug)**
 Ballast 1,290,000 gal. **(barge)**
 Lube Oil 2,000 gal. **(tug)**

