



AT-10848 B-35088

55,000-Barrel Articulated Tug Barge

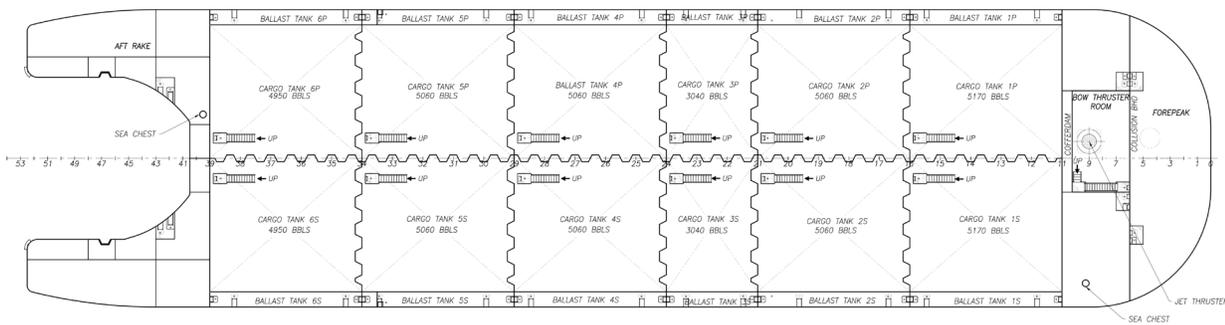
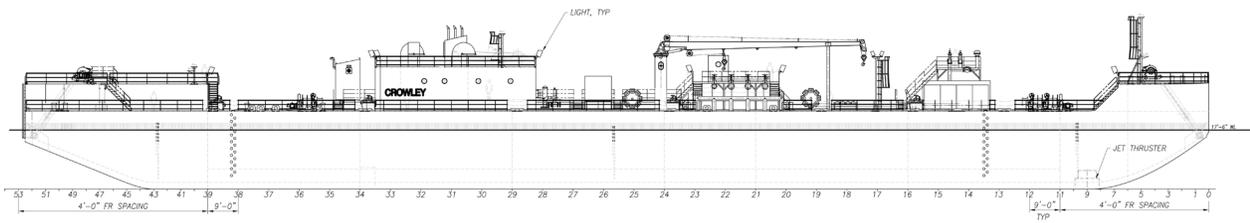
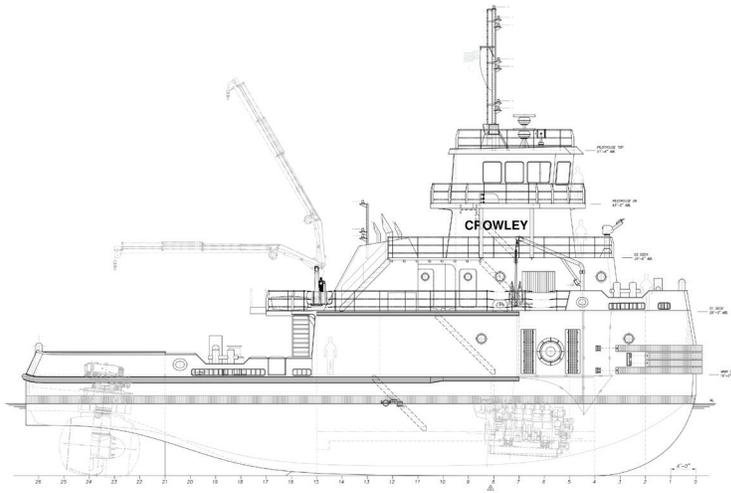
Crowley's newest 55,000-barrel capacity Articulated Tug and Barge (ATB) *Aurora/Qamun* was specifically designed to meet Ice Class and Polar Code requirements in order to safely and effectively operate in Western Alaska year round.

The vessel can operate in winter ice conditions and temperatures as low as -20 degrees Fahrenheit. It has a range of 4,300 miles and can access most all locations in the state of Alaska.

The ATB (410' length overall) has an improved design speed (9kts) at Beaufort Force 4. It incorporates modern technologies like Z-drive propulsion, Tier 4 engines, and has been equipped with 400 hp bow thrusters to maximize maneuverability in tight areas.

Additionally, ship fenders and a specialized coupling system with a first-of-its-kind lightering helmet, allow for ship-to-ship lightering at a load rate of 6K BBLs per hour.

The vessel's double hull design and light draft allows for shallow waters (as shallow as 9 feet), while its double anchor system allows her to move close to the beach to reach undeveloped port and village sites.



Vessel Specifications

Overall Dimensions

TUG

Length, Overall	108'-0" (32.3 m)
Beam	46'-0" (14.0 m)
Depth	16'-0" (4.9 m)
Draft, Yukon River	9'-6" (2.9 m)
Draft, Bethel	12'-0" (3.7 m)
Fuel Oil	81,150 gal (307 m ³)
Fresh Water	7,135 gal (27 m ³)

BARGE

Length, Overall	350'-0" (55.8 m)
Breadth	88'-0" (15.2 m)
Depth at Side	23'-0" (2.7 m)
Cargo Oil	56,680 BBL (9,011 m ³) (10 tanks)
Ballast	1,290,000 Gal (4.833 m ³)