

## 100' x 40' LNG Tug

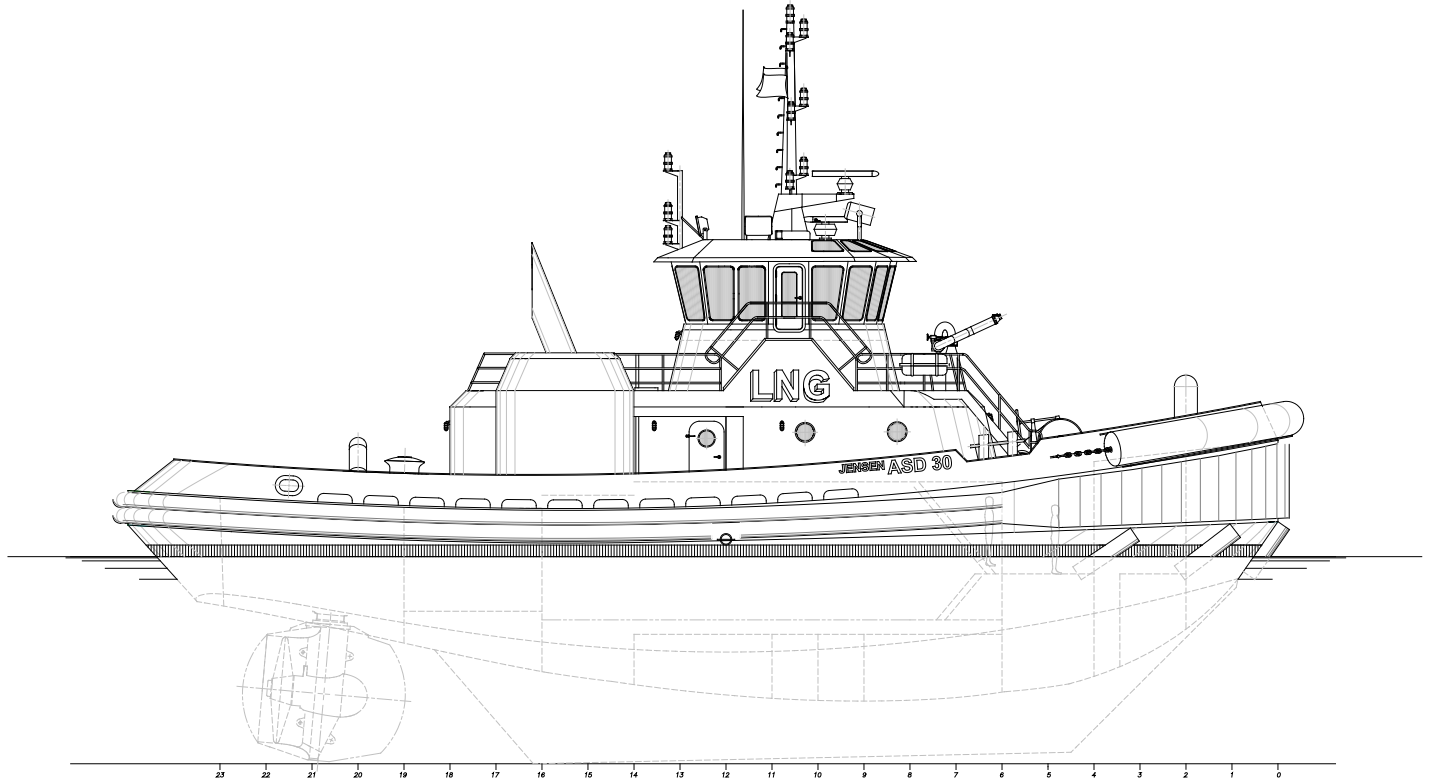


## Vessel Specifications

### Overall Dimensions

Length	100'-0" (30 m)	LNG Capacity	213,500 gal (warm) 51 m <sup>3</sup>
Breadth	40'-0" (12 m)	Diesel Oil	8,362 gal (31 m <sup>3</sup> )
Depth	17'-0" (5 m)	Fresh Water	2,420 gal (9 m <sup>3</sup> )
Main Engine	2 x Bergen C26:33L8P each rated @ 2,896 hp	Bollard Pull	160,000 lbs
ASD Thrusters	2 x Rolls Royce US255	Berthing	8 berths in 4 staterooms
Generators	2 x John Deere each rated @ 125 kW	Class Notation	ABS +A1 GFS, Towing Escort Vessel, +AMS, DPS1 and GP optional
Speed	14 knots max		

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Developed from the successful “Valor” Class of escort tugs, this version has two LNG fueled Bergen engines providing the propulsive power. A single double walled gas tank is situated aft of the engine room and extends up into the deck house. Sufficient fuel is carried aboard to allow for a weekly bunkering operation.

Accommodations include four 2-person staterooms, three of which are located bow forward. A large, open format mess and galley area provide a large comfortable common area for the crew to gather between sorties. The diesel generators are located aft in the drive room to allow the crew to work in the main engine room with minimal noise interference. Locating the generators aft also significantly reduces the noise transmitted above and forward into the accommodations area.

Deck machinery is varied, but standard outfit includes an electric or hydraulic capstan aft, and a render/ recover escort winch forward. H-bitts suitable for the line used are installed fore and aft, and are either fabricated out of stainless steel or are lined with stainless steel on the working surfaces.

### Contact Us:

#### **Marine Solutions Headquarters**

1102 SW Massachusetts St.

Seattle, WA 98134

[solutions@crowley.com](mailto:solutions@crowley.com)

+1 206.332.8090

[www.crowley.com](http://www.crowley.com)

