



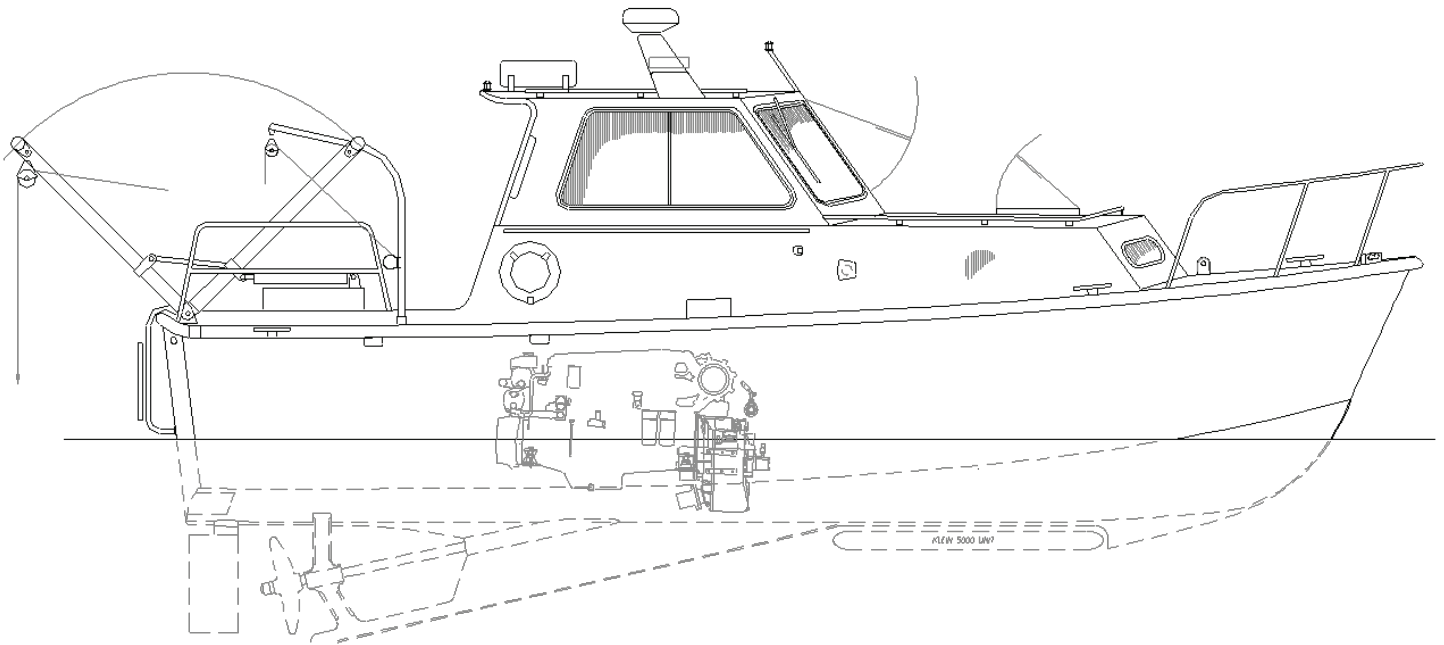
RF-03411

34' Hydrographic Survey Launch

This survey launch was designed for high-speed hydrographic surveys year-round in coastal or inland waters. The vessel is outfitted with hull-mounted and towed sonar units. It can be fitted with sidescan or multibeam units to meet any survey need. It has a small A-frame for over-the-side operations.

The vessel is built of aluminum, powered by a single diesel engine, and is fully outfitted to support the survey mission.

Since these skiffs map the ocean floor with very advanced 3D sonar, the development between Jensen and NOAA to incorporate a custom sonar mount beneath the keel that was both protected from possible groundings yet open enough to allow for maximum signal dispersion was a successful challenge. The other main consideration for our mount was that the flow of water under the skiff and across the face of the sonar had to be smooth enough to allow for clean data acquisition. In discussions with NOAA, they are pleased with the results of our endeavors and we currently have an ongoing contract for continuing support for this series of boats.



Vessel Specifications

Overall Dimensions

Length	34'-0" (10.4 m)	Propellers	32" (0.8 m), 5-blade
Breadth	11'-2" (3.4 m)	Maximum Speed	20 knots plus
Depth	5'-7" (1.7 m)	Cruising Speed	18 knots
Loaded Draft	Approx 5'-6" (1.7 m)	Fuel Oil	378 gal
Displacement (Full Load)	30,000 lb	Fresh Water	30 gal
Main Engine	Lugger 6140 AL2 600 BHP @2100 RPM	A-Frame Capacity	4000 lb extended 1000 lb retracted
Marine Gear	ZF 350 IV	Sonar Unit	Klein 5000 Sidescan Simrad 3000 Multibeam

206.332.8090

crowley.com/vesseldesign

Seattle, WA • Jacksonville, FL

CROWLEY[®]
People Who Know[®]