

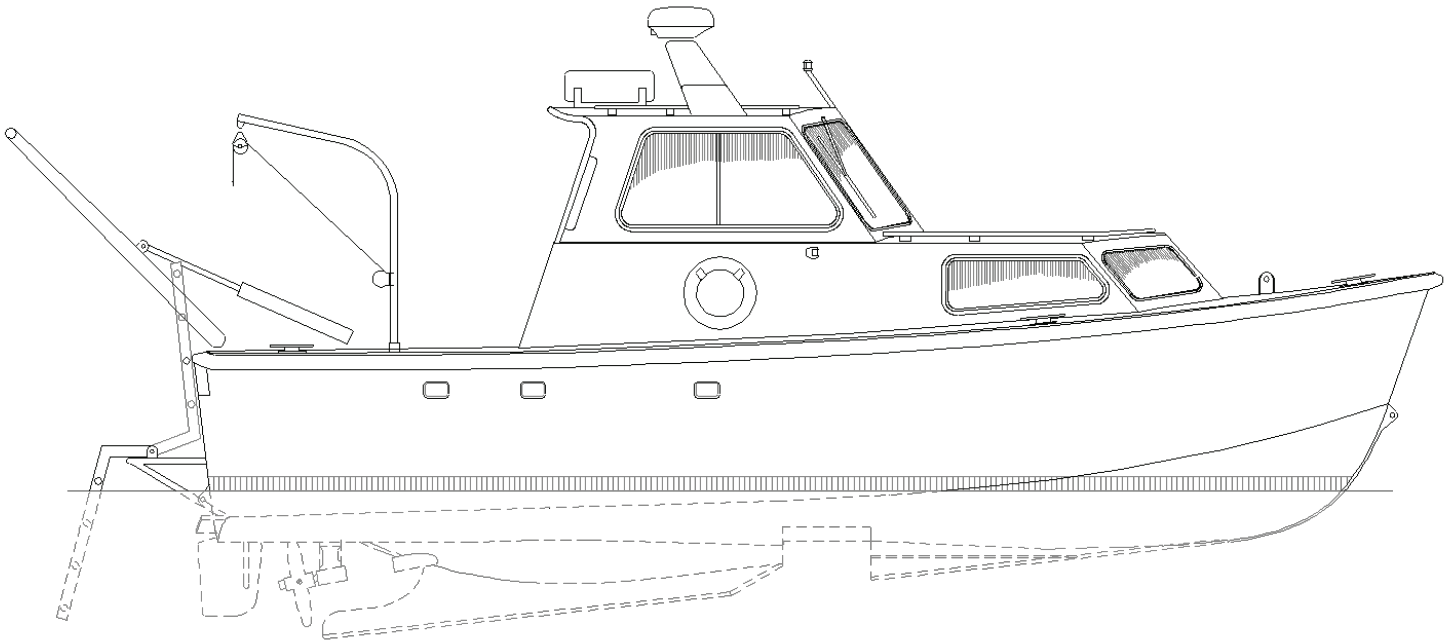


RF-02811

## 28' Hydrographic Survey Launch

Updated design of an old (1970's) Jensen design for NOAA. This iteration incorporated all of the improvements over the last 30 years that had been added (i.e. enclosed cockpit, A-Frame, etc.) as well as some new refinements. These new refinements included a head, a more powerful engine and raising the chine to increase aft trim.

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	28'-4" (8.6 m)	Marine Gear	ZF 305-2
Breadth	10'-8" (3.2 m)	Propeller	NiBrAl, 4 Blade
Depth	5'-8" (1.7 m)	Fuel Oil	125 gal
Loaded Draft	4'-4"	Sewage Holding Tank	18 gal
Main Engine	Cummins QSC8.3	Construction	Aluminum

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