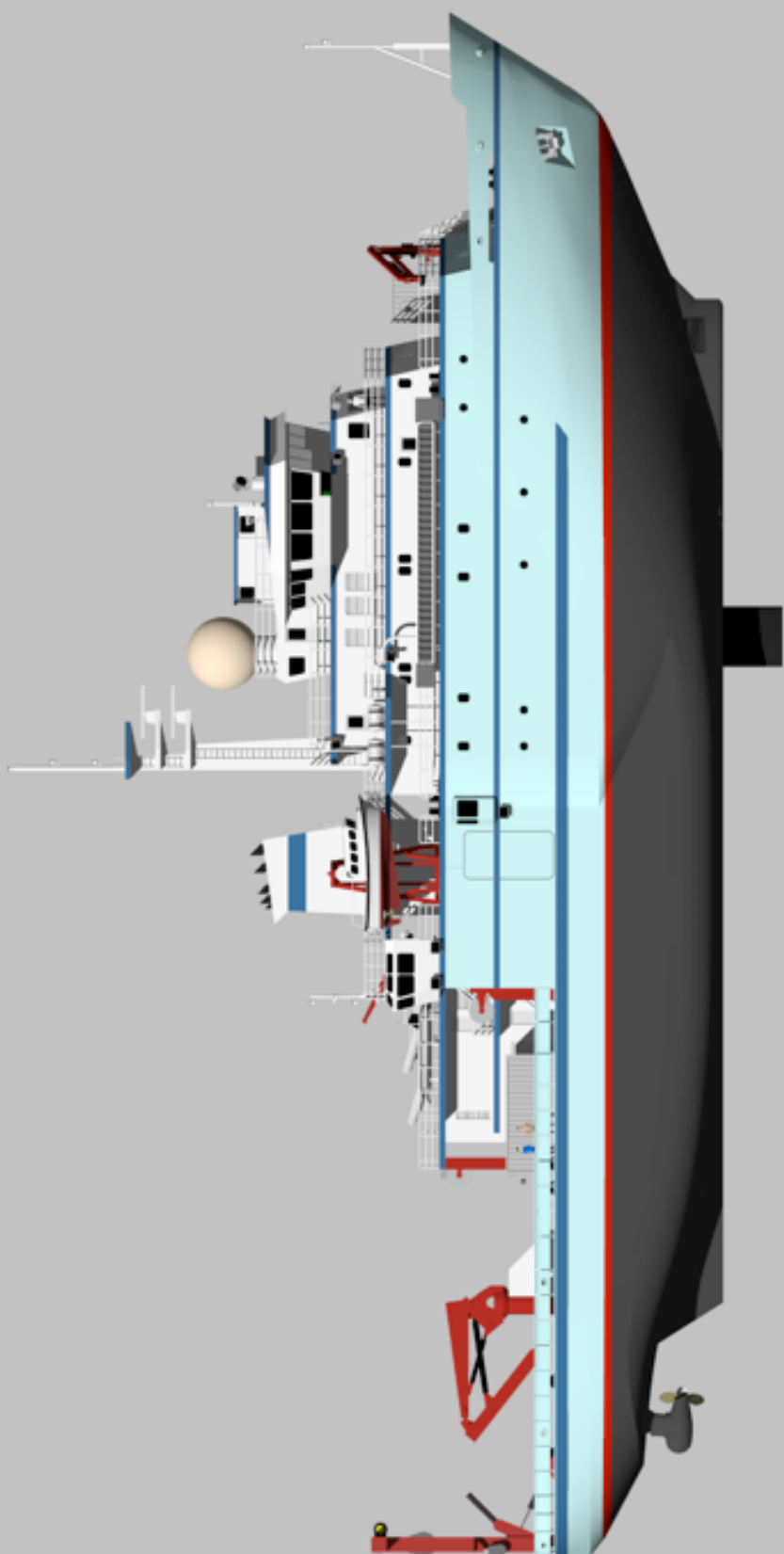
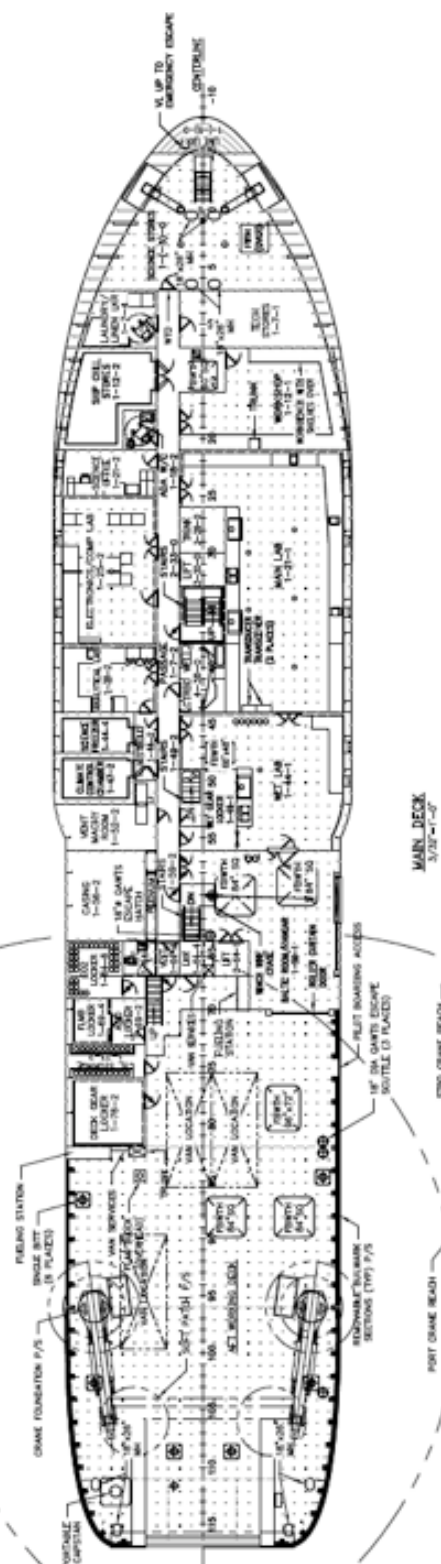
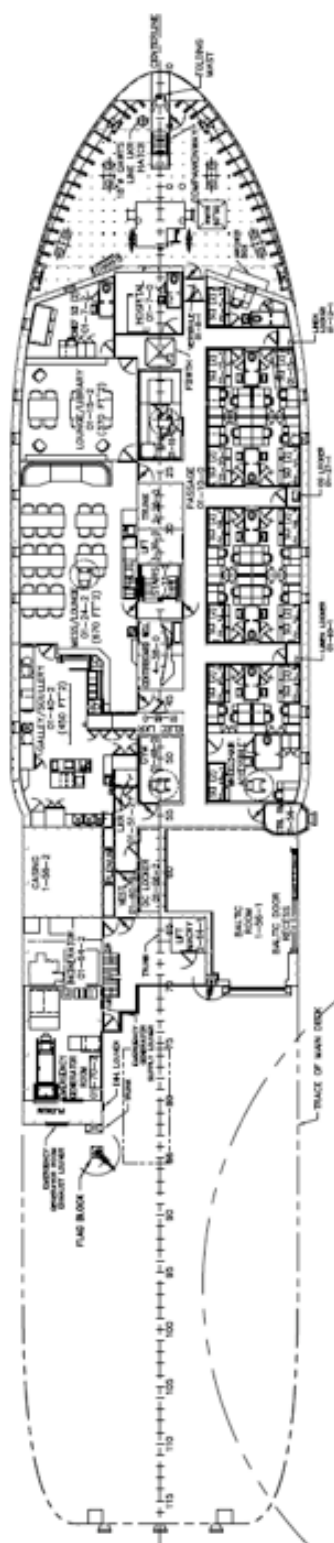


Alaska Region Research Vessel Project Update

AICC December 8th 2009



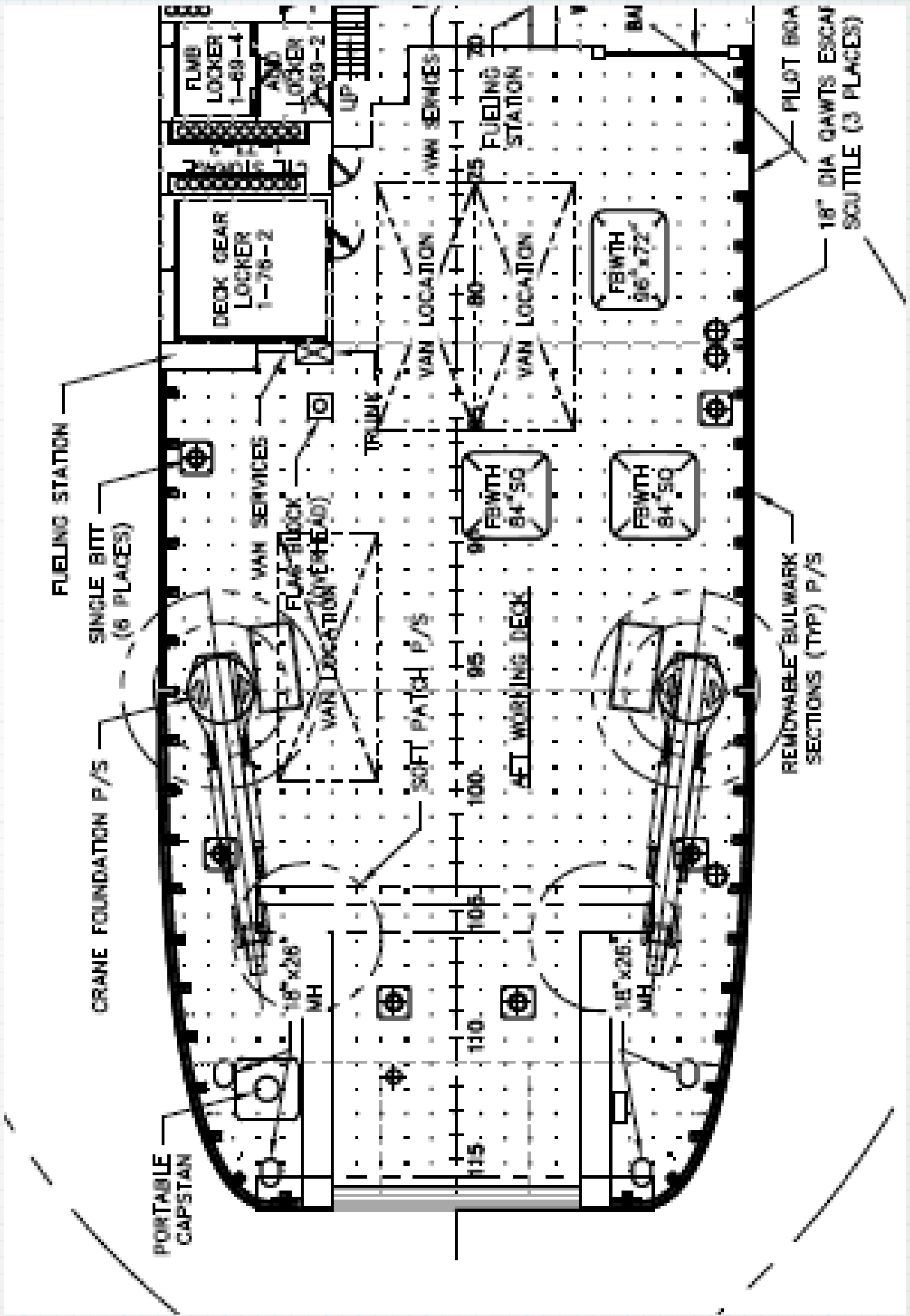


UNIVERSITY OF ALASKA FAIRBANKS
FAIRBANKS, ALASKA

ALASKA REGION RESEARCH VESSEL
CHANGES TO SUPPORT LENGTHENING OPTION
GENERAL AGREEMENT - MAIN DECK & 21 LEVEL PLANT

 THE GLENDON ASSOCIATES Creating Agreements That Make Companies Thrive	Drawn by	Date	Issued by	Date	Approved by	Date
	88/1006	8/23/08	AS	8/23/08	JAC	8/23/08
BY: S. MOTTEO S. MOTTEO, President			BY: JAC JAC, President			

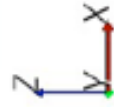
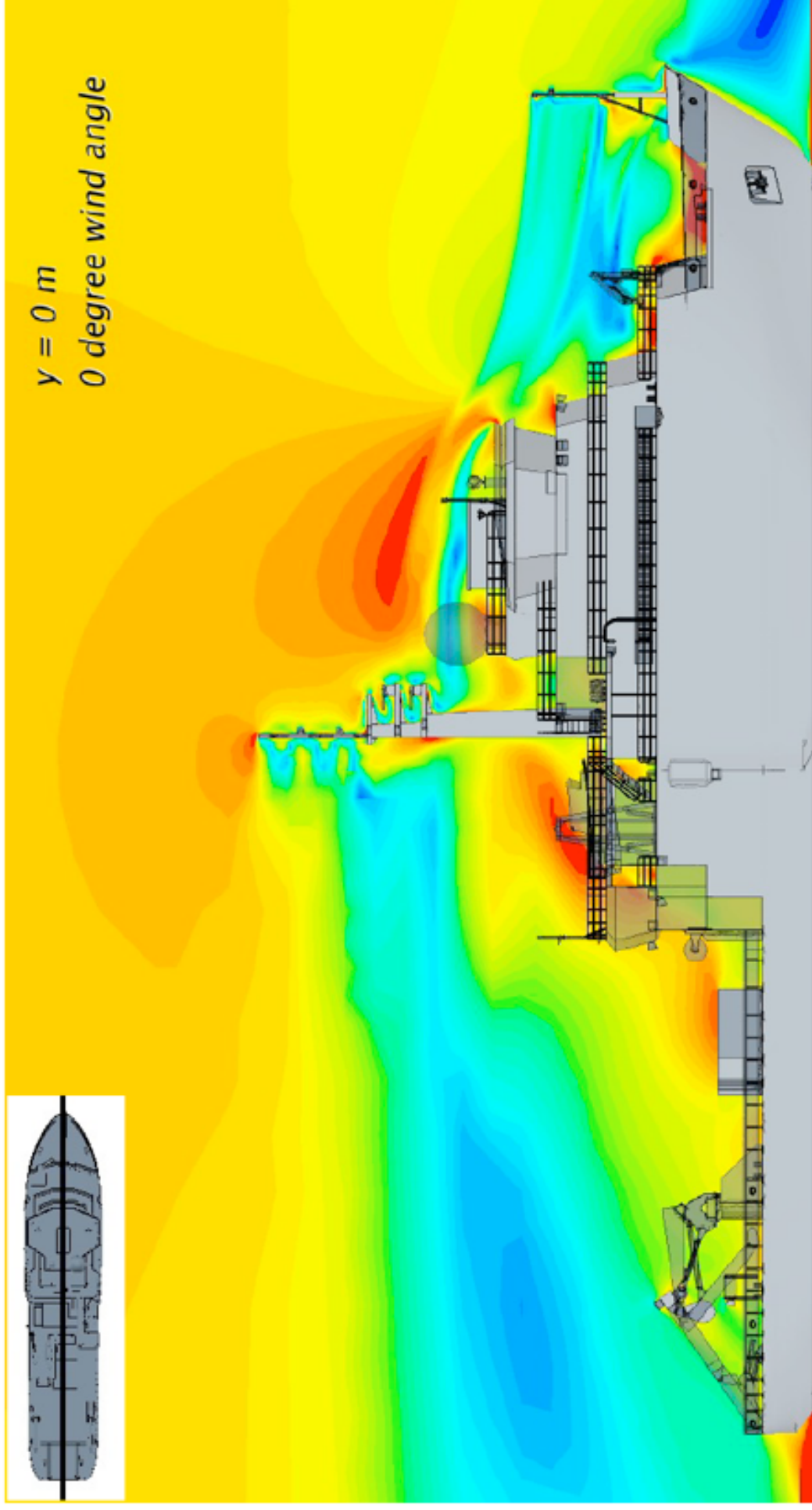
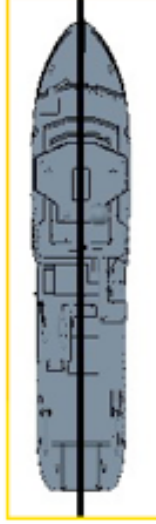
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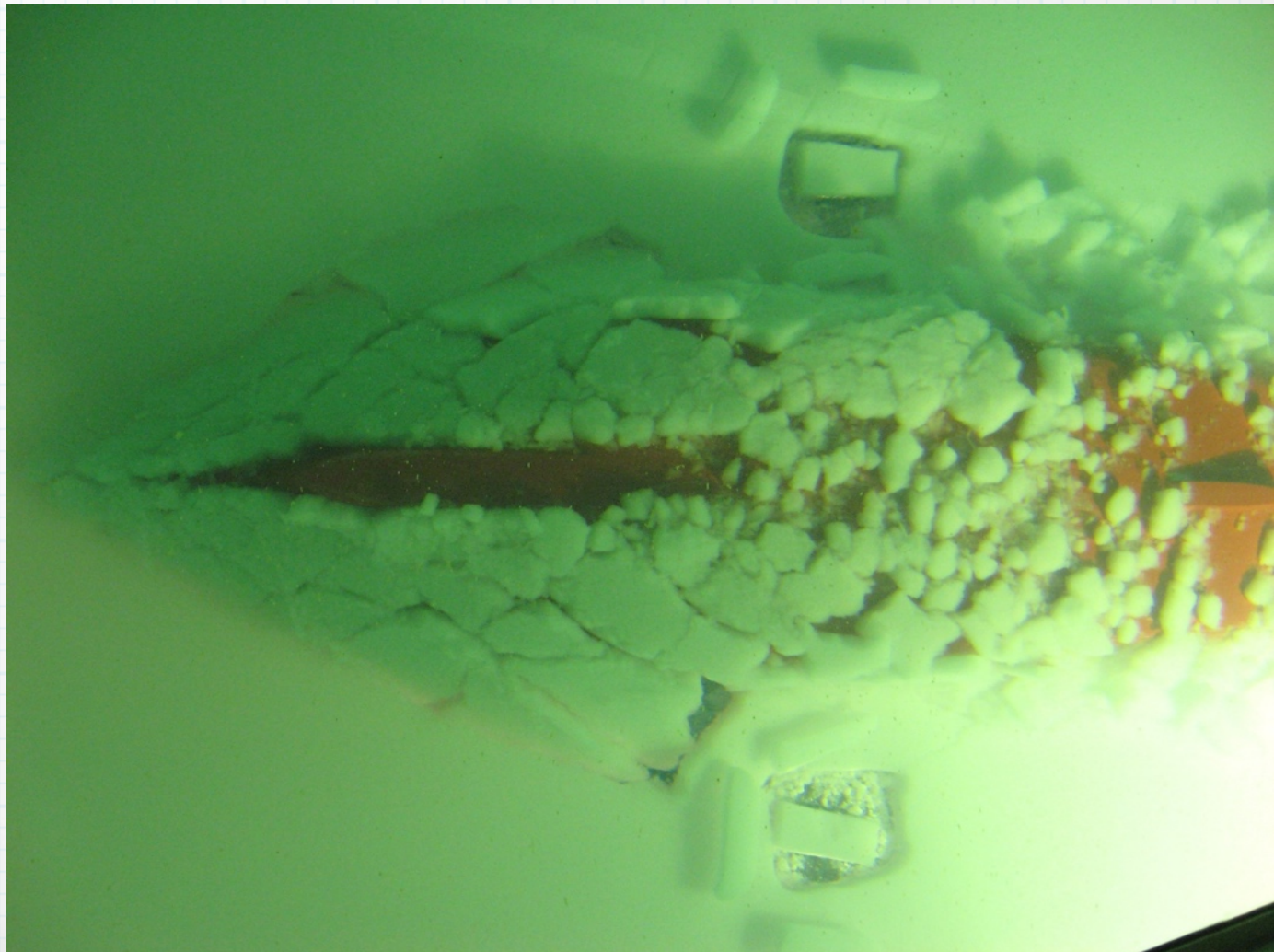


Current Status

- * Z-Drive Contract in Place
- * Model tests completed (Open water/Ice)
- * CFD Studies completed (hull and airflow)
- * NSF briefed on Shipyard Selection (Nov 17)
- * Award Announcement (today???)
- * Naming committee passed their selection up the chain

Absolute Wind Speed Error





Mile Stones and Projected Dates

- * Start: January 2010
- * Projected Start of Fabrication: September 2010
- * Z-drive Deliver: December 2012
- * Post-Delivery outfitting complete: March 2013
- * Open water trials and arrival in AK: Summer 2013
- * Ice trials: Fall 2013
- * ARRV ready for funded science: Late 2013

