



## ARRV Status Report to RVTEC, October 2008

**Marc Willis**, OSU, ARRV Marine Science Technical Director

**Steve Hartz**, UAF, ARRV Science Operations Manager, Seward Marine Center

### Other key personnel

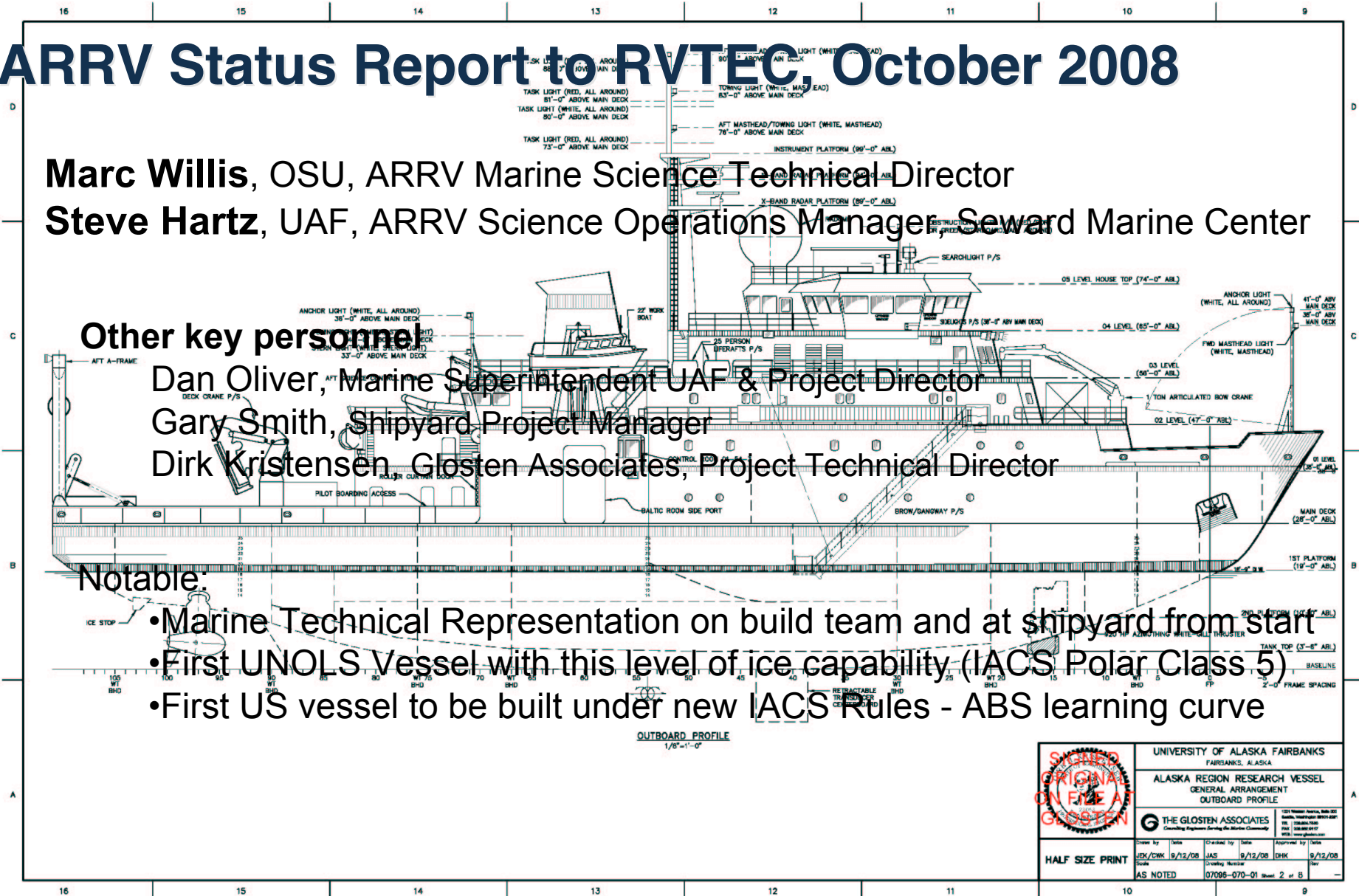
Dan Oliver, Marine Superintendent UAF & Project Director

Gary Smith, Shipyard Project Manager

Dirk Kristensen, Glasten Associates, Project Technical Director

### Notable:

- Marine Technical Representation on build team and at shipyard from start
- First UNOLS Vessel with this level of ice capability (IACS Polar Class 5)
- First US vessel to be built under new IACS Rules - ABS learning curve



	UNIVERSITY OF ALASKA FAIRBANKS FAIRBANKS, ALASKA ALASKA REGION RESEARCH VESSEL GENERAL ARRANGEMENT OUTBOARD PROFILE		
Drawn by Date JJK/CHK 9/12/08	Created by Date JAS 9/12/08	Approved by Date DHK 9/12/08	101 Walker Avenue, Suite 101 Fairbanks, Alaska 99701-4007 Tel: (907) 452-2700 Fax: (907) 452-4117 Web: www.glasten.com
HALF SIZE PRINT AS NOTED	07096-070-01	Sheet 2 of 8	



# ARRV Current Status

- Final Design Review held at NSF 20-23 October
- Panel recommended that the project move toward construction
- Now pending NSF and National Science Board approvals
- Congressional appropriation follows
- It's out of our hands now



# ARRV Current Status

- Major Decision: Purchase Z-drives as OFE or CFE
  - Currently, Z-drives have 36-42 month lead time
  - 11 months later delivery if CFE
  - FDR Panel recommended OFE option
- Current work centers on:
  - responses to FDR panel comments (when received), including revisions to documents, specs and drawings
  - technology evaluation and update as appropriate
  - developing test and evaluation plans
  - working on Z-drive procurement documents



# Schedule

- NSF Approvals November '08 - May '09
- National Science Board Action Item May '09
- ?Contract Date August '09?
- ?Completion 2013-2014, dependent on Z-drives

[as of now, subject to change]



# The Ship





# Questions?

- What shipyard? Don't know yet, no contract
- What's the cost? Total Program Cost ~\$175M, Ship ~\$125M ... today
- When? 2013 if OFE drives, 2014 if CFE drives, in service 12 months later
- Others?



## For More Information

- See Marc Willis or Steve Hartz at the meeting
- Call Marc or Steve
- Email Marc or Steve
  - [willis@coas.oregonstate.edu](mailto:willis@coas.oregonstate.edu)
  - [fnsjh@uaf.edu](mailto:fnsjh@uaf.edu)
- Current drawings will be available soon on ARRIV website