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**FAIRBANKS**  
A 360+ Million-Acre Classroom

# **Alaska Region Research Vessel (ARRV)**

**RVTEC November 2005  
Oregon State University**

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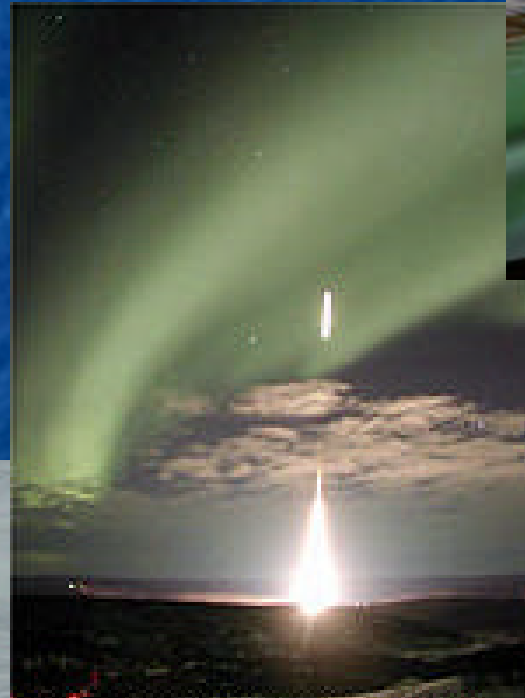
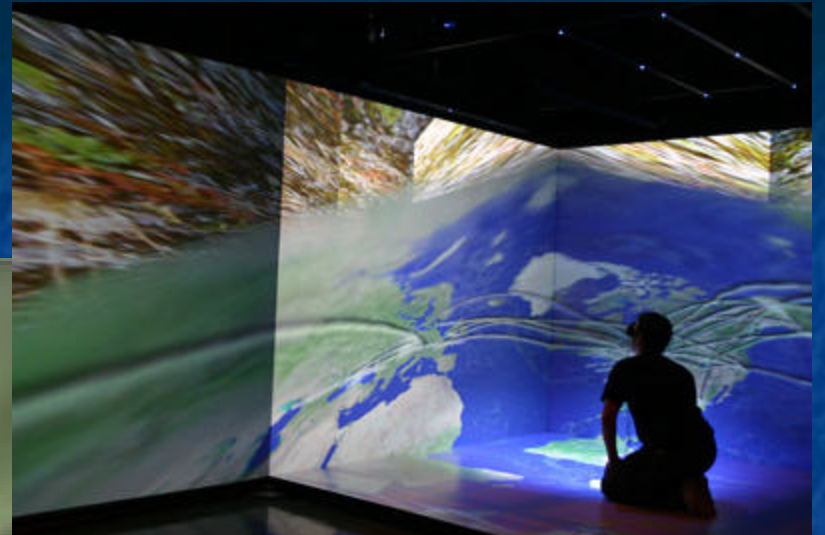


Photo courtesy Chuck Johnson,  
Cleary Summit B&B





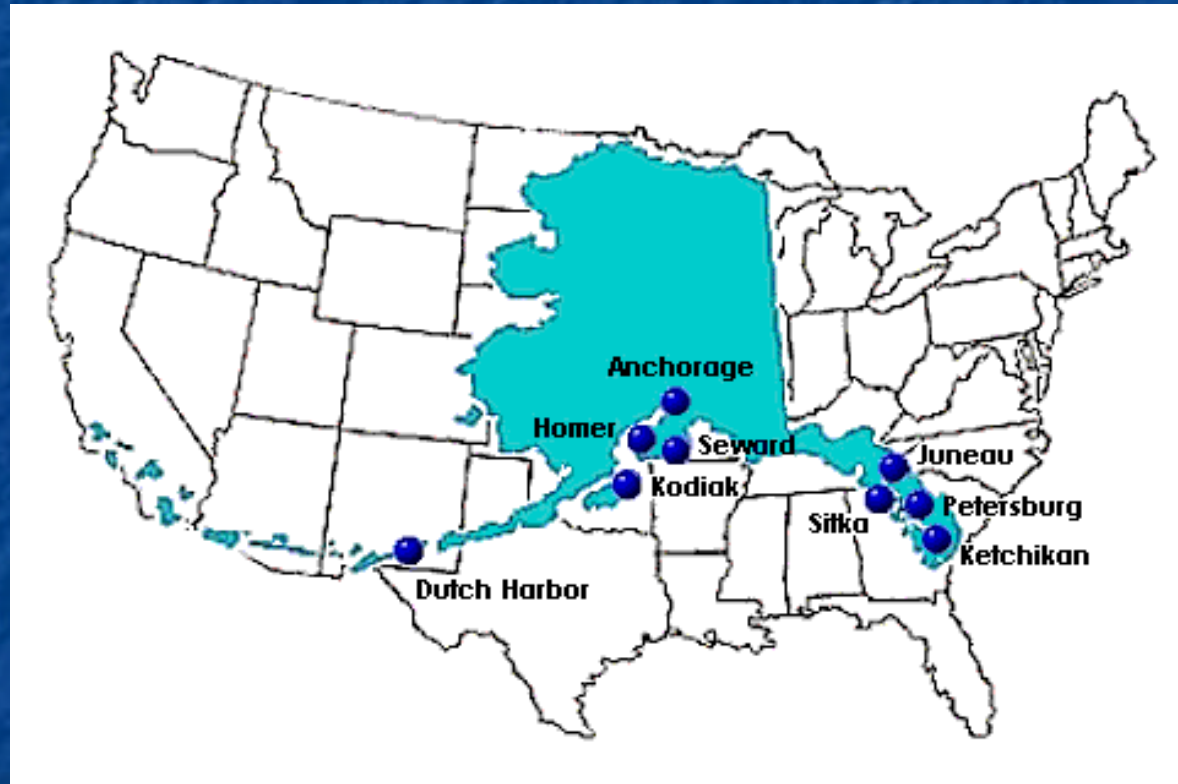
# Seward Marine Center



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# Where We Are Now

- ✍ **Scientific Mission Requirements -April 2001**
- ✍ **Concept Design – Aug 2001**
- ✍ **Model Testing – April 2002**
- ✍ **Preliminary Design – Jan 2003**
- ✍ **Construction Design – July 2004**

# Tasks Remaining

- ✍ **Final Design Spiral**
- ✍ **Updated Science Instrumentation**
- ✍ **Enhance ADA configuration**
- ✍ **Update Science Justification**
- ✍ **Encourage Community Support**





# General Specifications

✂ Length Overall.....	236'-0"
✂ Length on Design Waterline .....	210'-0"
✂ Beam.....	52'-0"
✂ Depth, Baseline to Main Deck .....	28'-0"
✂ Total Installed Power, Continuous .....	5,750 HP
✂ Trial Speed, Calm Water.....	14 knots
✂ Crew Complement, Maximum .....	20
✂ Science Complement, Maximum .....	26
✂ Design Draft.....	18'-3"
✂ Displacement at Design Draft.....	3,114 LT
✂ Lightship Weight (estimated) .....	2,350 LT
✂ Diesel Fuel, at 95% .....	170,000 gal.
✂ Fresh Water, at 100%.....	13,190 gal.



# Thank You



**Seward Marine Center**

<http://www.sfos.uaf.edu/arrv/>