

# UNOLS Van Pool Update

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# Introduction

- Purpose of the UNOLS VAN POOLS: to supply shared use standard IOS portable laboratory vans for oceanographic research.
- West coast pool run by Demian Bailey.
- East coast pool run by Tim Deering.

# Topics of Discussion

- Where are we now
- New builds
- Opps
- We need your help
- Improvements

# Where Are We Now

## West coast van pool

- Existing van complement
  - ◆ One general purpose van (OCE)
  - ◆ One isotope van (OCE)
  - ◆ One cold van (OCE)
- Office of Polar Programs
  - ◆ One general purpose van (OPP)
  - ◆ One isotope van (OPP)

# Where Are We Now

## East coast van pool

- Existing van complement
  - ◆ Two general purpose van
  - ◆ Three isotope van
    - ★ 2-20ft
    - ★ 1-10ft (located @ LOMCON)
  - ◆ Three cold van
  - ◆ One clean van
  - ◆ One wet general purpose van

# New Builds

One Shop Van (R/V LANGSETH)

# Opps

What we figured happened here is that during commercial shipping the van was roughly handled at the docks. The commercial transport is really hard on these vans.



# COLD VAN ISSUES

All Compressors are shock mounted beginning 2011. No compressor failures. One controller failure in out of eight transport. A big step up from five out ten failures during transport in 2010.



# We Need Your Help

We are still having vans returned with issues like wire passes not installed and power cords left outside of the vans.

Please take the extra time to make sure these vans are ready for the transport.



# Improvements

- Phase 2 Cold Van Environmental Testing 2012, current findings at;  
<http://marops.cms.udel.edu/uecvp/ColdVanTesting.html>
- Phase 2 Testing for CSC Certification for stacking aluminum vans, current findings at;  
<http://marops.cms.udel.edu/uecvp/CSC.html>
- Suggestions?

# Thank You

