



# 2015 UNOLS West Coast Van Pool Update

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# Van Pool Inventories

## East Coast Van Pool

- General Purpose Vans – 3
- Isotope Vans - 5
  - 3-20 ft.
  - 1-10 ft. (located @ LOMCON)
  - 1-14 ft. (located @ BIOS)
- Cold Vans – 2
- Clean Van – 1
- AUV/Drifter/ROV Van – 1
- General Purpose Van (Wet) – 1

Total: 13

## West Coast Van Pool

- General Purpose Vans – 2
- Isotope Vans - 4
  - 2-20 ft.
  - 1- 20 ft. (OPP)
  - 1 – 20 ft. (OSU)
- Cold Vans – 1
- Coring Van – 1 (located at OSU)
- Accommodations Van – 1
- “Calibration Van” – 1

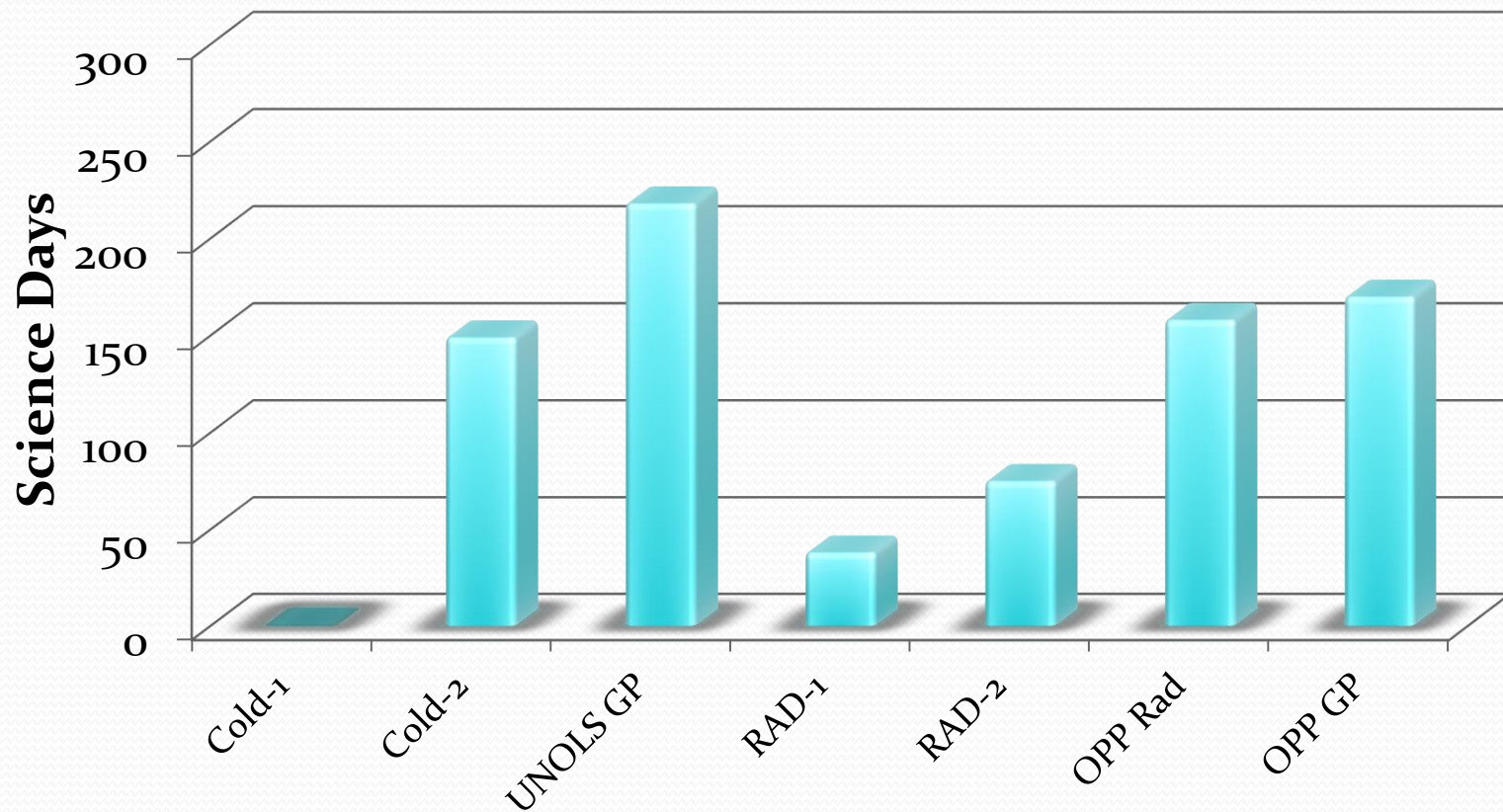
Total: 10

# Costs for UNOLS Vans

- NSF funded cruises
  - No charge for vans
- Non-NSF funded cruises
  - Charge van per diem, including transit and mobilization days
- Van Daily Rates (current)
  - GP van: \$70/per day
  - Isotope Van: \$100/per day
  - Cold Van: \$100/per day

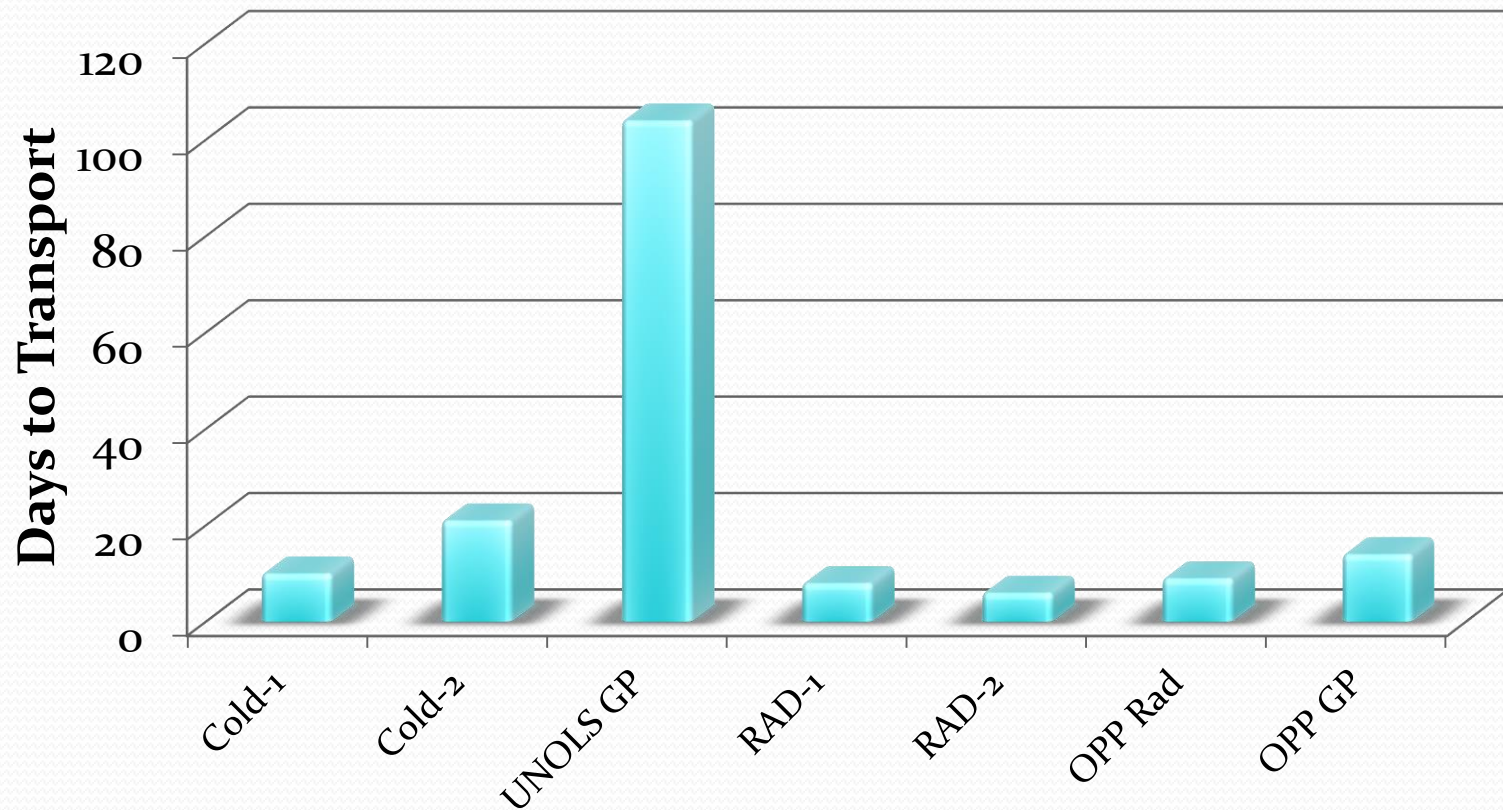
# Science Days

**Science Days in 2014 per Van  
West Coast Pool**



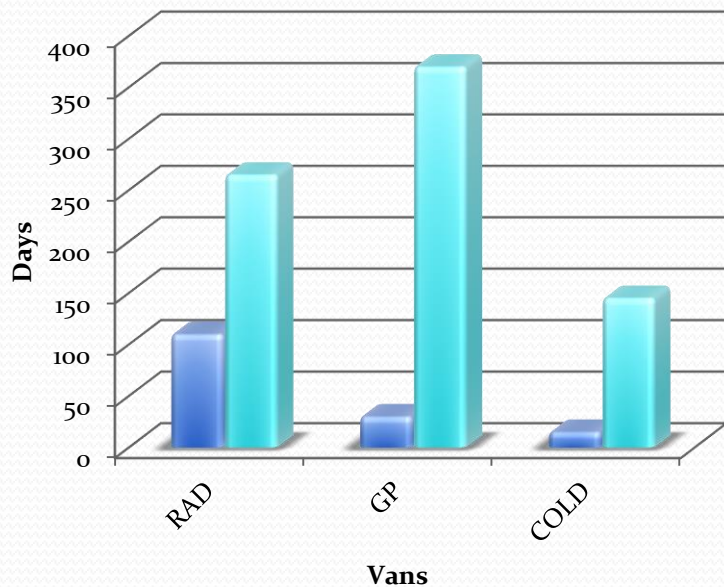
# Transport Days

**Transport Days in 2014 per Van  
West Coast Pool**

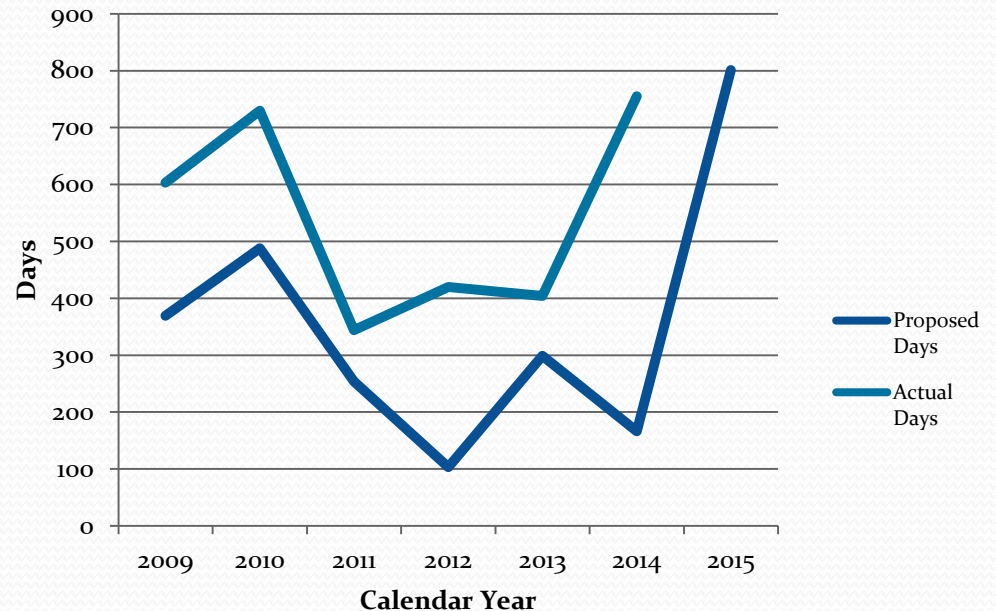


# Days Requested To Days Used

**Requested vs. Actual Days in 2014  
West Coast Pool**



**Days Requested vs. Actual  
West Coast Van Pool**



# Van Upgrades Completed in 2014

- Overhead Heaters
- Installed Escape Hatches
- Modifications to Aluminum Van to allow for stacking (East Coast development)
- Modification of former EC Isotope Van for West Coast coring work

# Challenges in 2014

## Exterior maintenance

- Confusion on Electrical Connectors

## Interior Cosmetics

- Wave in van....
- Water in electrical outlet in GP Van (?)
- Scintillation counter jam (tape on vials)

## Un-authorized Parts Removal (fuses, power cord connectors)

## Foreign Ports Logistics

## Reliability on Cold Vans



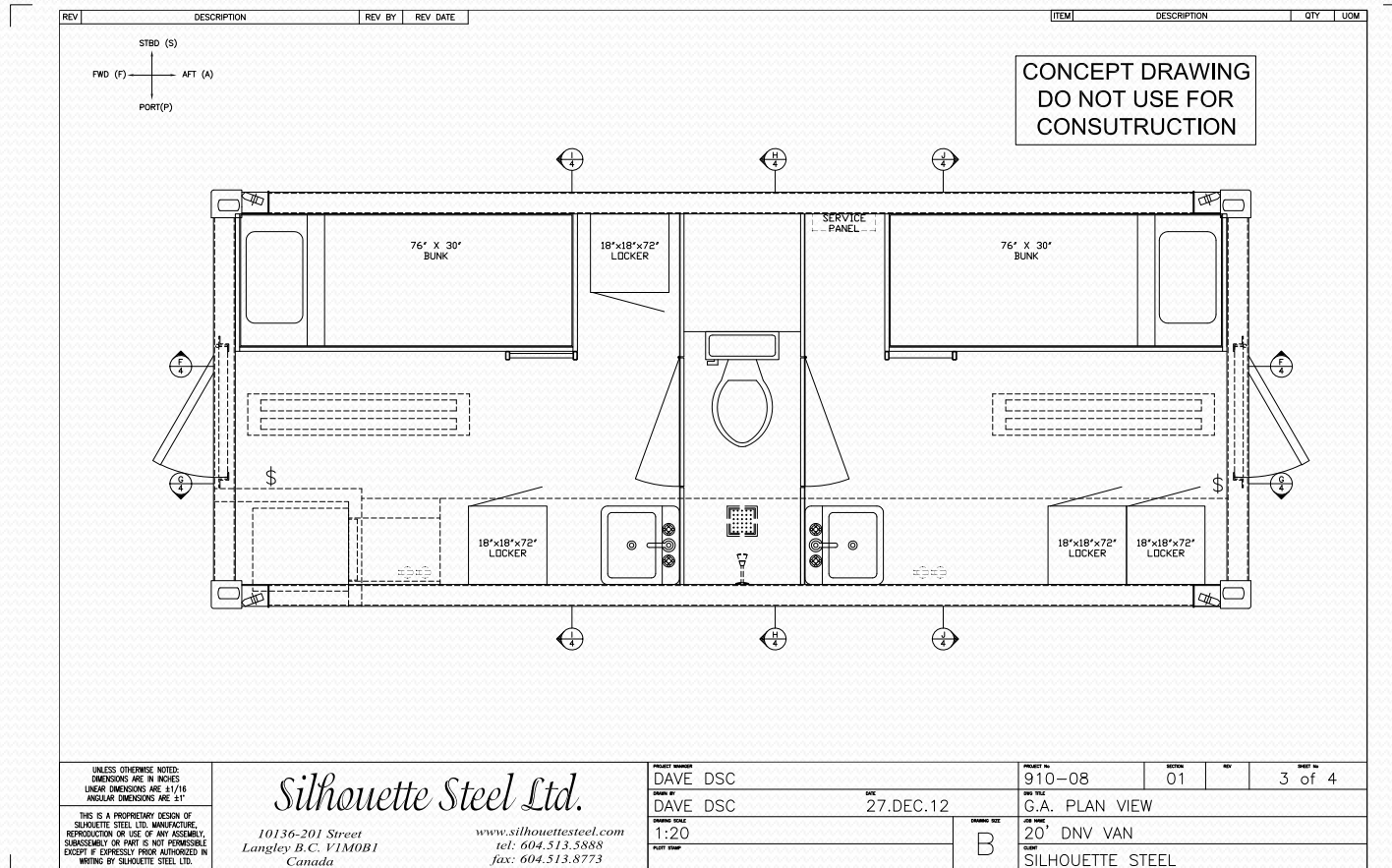
# Challenges in 2014

NSF Cold Van damaged in May of 2014.

## The Good News:

- Another cold van arrived from the East Coast in time for the cruise.
- After a lengthy process, a sizable insurance settlement obtained to help with replacement costs for another cold van.

# Accommodations Van



# Accommodations Van



ABS



Writing desk



Approx.  
Wt. 50 lbs.

Possibly "Swedish-made" furniture



Showerhead



Head



Expensive shipping



"Heavy Duty"

Issues.....

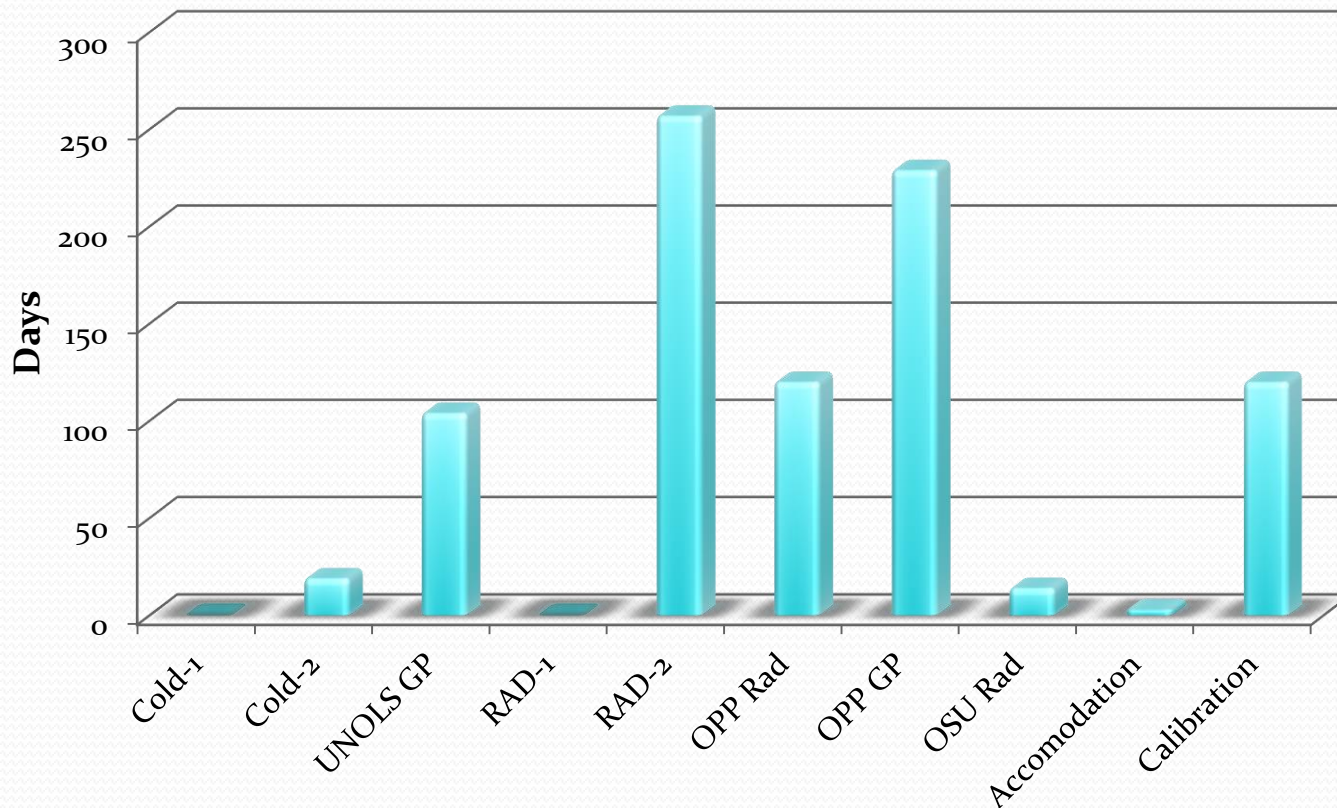
# Accommodations Van



It's all about the spec.....

# Proposed Science Days in 2015

## Proposed Days in 2015 per Van West Coast Pool



### Summary

Act. Science Days in 2014:

980

Prop. Science Days for 2015:

866

# Van Upgrades Planned for 2015

- Continue Electrical Upgrades
  - Upsize Transformers
  - Modernize Connectors
- Install Upgraded Eyewash Stations
- Replace tank water heaters w/tankless
- Cold Van A/C System overhaul/modernization
- Fume Hood modernization (weight/durability)
- Incorporation into “VMP” software