



2016 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 @ LUMCON)
 - 1-14 ft. (located @ BIOS)
- Cold Vans – 1
- Clean Van – 1
- AUV/Drifter/ROV Van – 1
- General Purpose Van (Wet) – 1

Total: 12

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

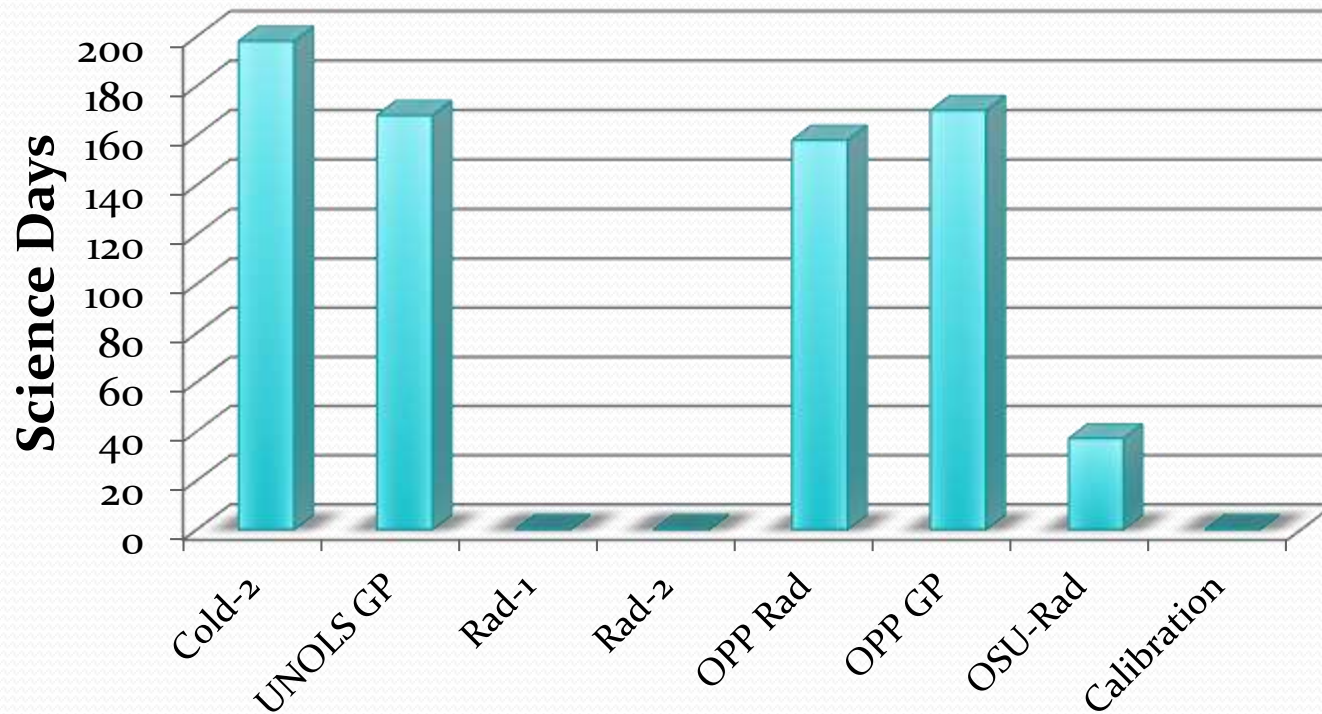
Total: 10

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

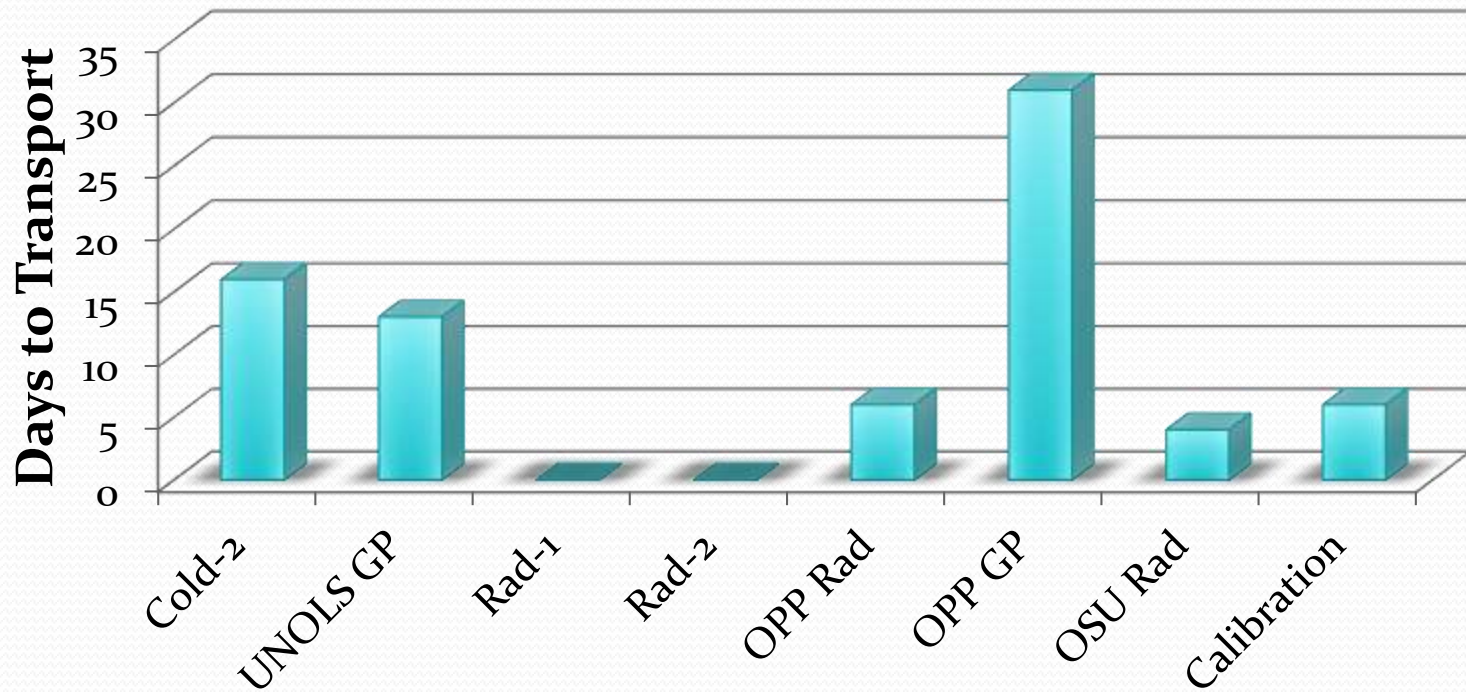
Science Days

Science Days in 2015 per Van West Coast Van Pool



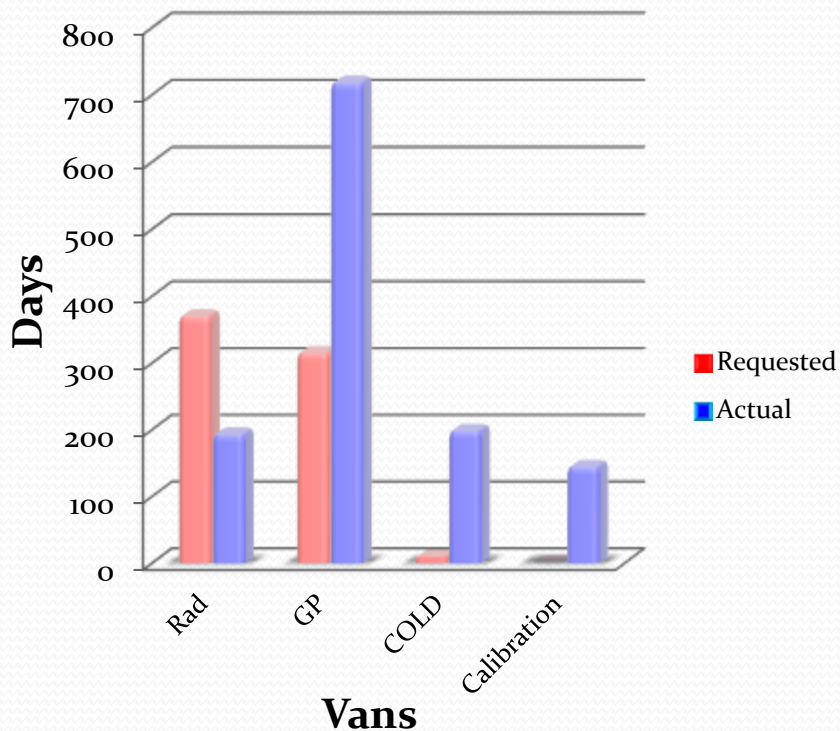
Transport Days

Transport Days in 2015 per Van West Coast Van Pool

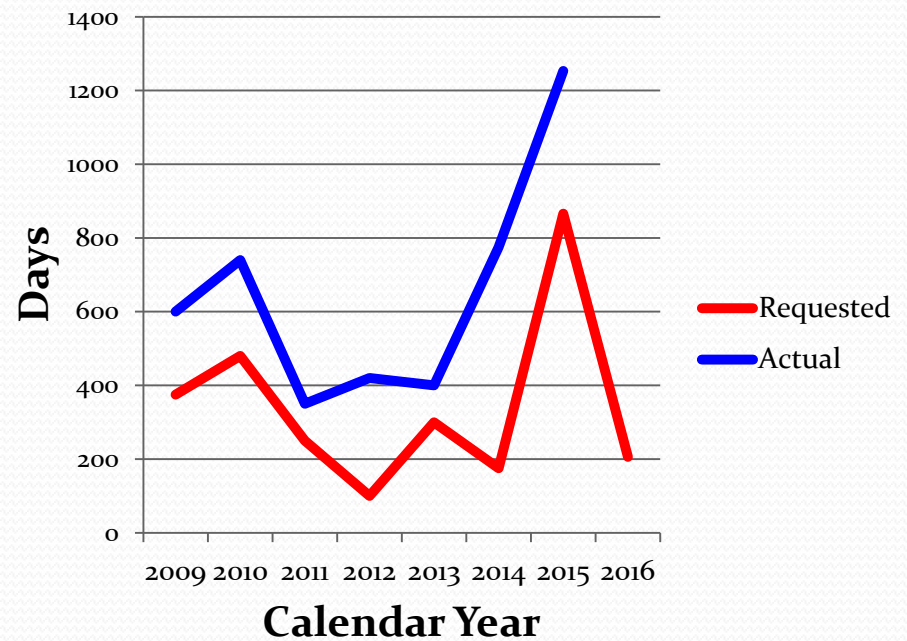


Days Requested To Days Used

Requested to Actual for 2015



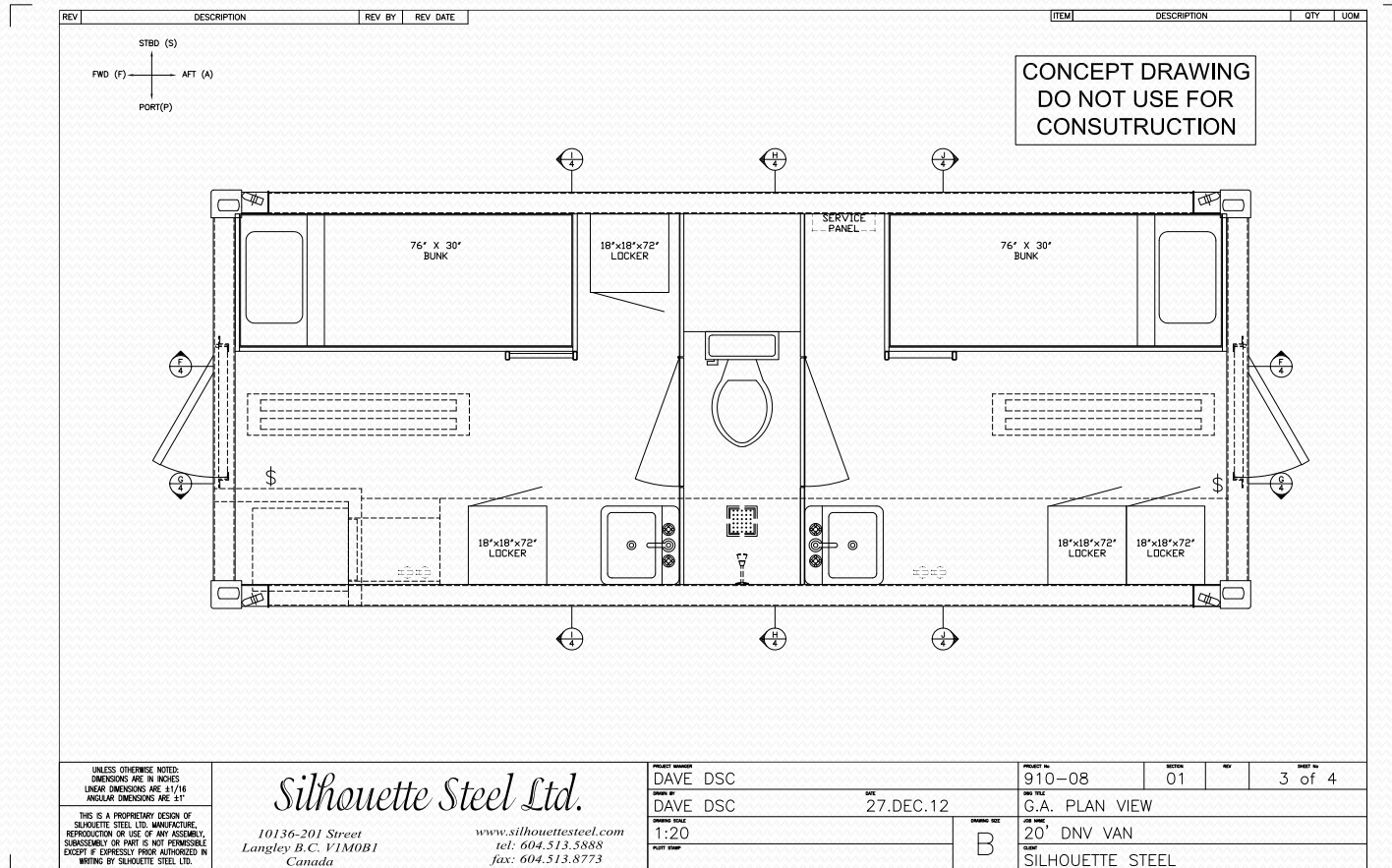
Days Requested vs. Actual West Coast Van Pool



Van Upgrades Completed in 2015

- Overhead Heaters completed
- New Eyewash Stations purchased
- Electrical, Comms, Safety and Habitability Corrections to Accommodations Van

Accommodations Van



Challenges in 2015

Exterior maintenance

- Confusion on Electrical Connectors
- Shell replacement on steel van

Interior Cosmetics

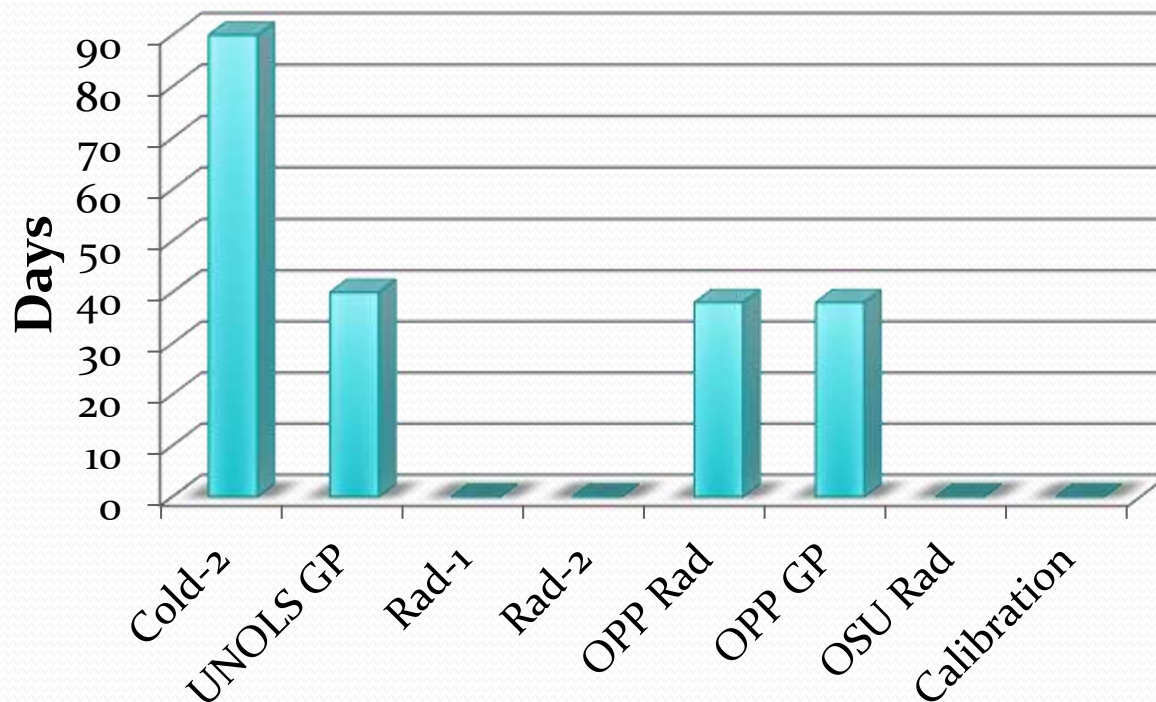
- Scintillation counter jam
- Un-authorized Parts Removal (fuses, power cord connectors)

Foreign Ports Logistics

Reliability of Cold Van

Proposed Science Days in 2016

Proposed Days in 2016 per Van West Coast Pool



Summary

Act. Science Days in 2015:

1253

Prop. Science Days for 2016:

206

Van Upgrades Planned for 2016

- Continue Electrical Upgrades
 - Upsize Transformers
 - Modernize Connectors
- Install Upgraded Eyewash Stations
- Replace tank water heaters w/tankless
- Evaluate scintillation counter replacements
- Improve user instructions and signage
- Update website
- Incorporation into “VMP” software

Van Upgrades Planned for 2016



Replace R-22 tank

Van Upgrades Planned for 2016

- Continue Electrical Upgrades
 - Upsize Transformers
 - Modernize Connectors
- Install Upgraded Eyewash Stations
- Replace tank water heaters w/tankless
- Evaluate scintillation counter replacements
- Improve user instructions and signage
- Update website
- Incorporation of vans into “VMP” software
- Cold Van A/C system overhaul/modernization
- Build new cold van with modernized A/C system