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

Science Days

Cold-1 | Cold-2 | UNOLS GP | RAD-1 | RAD-2 | OPP Rad | OPP GP

0 | 50 | 150 | 250 | 100 | 150 | 250
Transport Days

Transport Days in 2014 per Van
West Coast Pool
Days Requested vs. Actual Days in 2014
West Coast Pool

Days Requested vs. Actual
West Coast Van Pool

Proposed Days
Actual Days
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

Approx. Wt. 50 lbs.

Issues......

ABS

Writing desk

Possibly “Swedish-made” furniture

Showerhead

Expensive shipping

“Heavy Duty”

Head
Accommodations Van

It’s all about the spec.....
Proposed Science Days in 2015

Proposed Days in 2015 per Van
West Coast Pool

Summary
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