2014 UNOLS
West Coast Van Pool Update

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Van Challenges

Exterior maintenance
  • Stands/Blocks
  • Temporary Enclosure

Interior Cosmetics
  • Too Bright
  • Too Smelly

Foreign Ports

Reliability on Cold Vans
Van Upgrades

- Overhead Heaters
- Installed Escape Hatches
- Electrical Upgrades (upsized the transformers)
- Electrical Connectors Replacement
- Cold Van A/C System (reliability issue)
- Incorporation into “VMP” software
- Modifications to Aluminum Van to allow for stacking
  - More from Tim Deering
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: $60/per day*
  - Isotope Van: $90/per day*
  - Cold Van: $95/per day*
Science Days

Science Days in 2013 per Van

<table>
<thead>
<tr>
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<th>Science Days</th>
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<tbody>
<tr>
<td>Cold-1</td>
<td>High</td>
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<tr>
<td>Cold-2</td>
<td>Moderate</td>
</tr>
<tr>
<td>UNOLS GP</td>
<td>High</td>
</tr>
<tr>
<td>RAD-1</td>
<td>Low</td>
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<tr>
<td>RAD-2</td>
<td>Very Low</td>
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<tr>
<td>OPP Rad</td>
<td>Very Low</td>
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<tr>
<td>OPP GP</td>
<td>Very Low</td>
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Transport Days

Transport Days in 2013 per Van

Days to Transport

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