

# NSF-UNOLS East Coast Van Pool Update

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# ECVP Inventory

- Existing vans complement - 13
  - Three general purpose vans
    - 1-14ft (located @ BIOS)
  - Four isotope vans
    - 3-20ft
      - 1-20ft (located @ BIOS)
    - 1-10ft
  - Two cold vans
  - One clean van
  - One clean bottle van (located ODU)
  - One wet general purpose van
  - One AUV/Drifter/ROV Support van



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# Deployments

## CY 2025 Usage East Coast Pool

- 116 deployments for a total 562 days and 12 truck transports.
- 7 different ships
- Types of Vans Used
  - General Purpose Van
  - Isotope Van
  - Wet Van
  - Cold Van
  - Clean Van



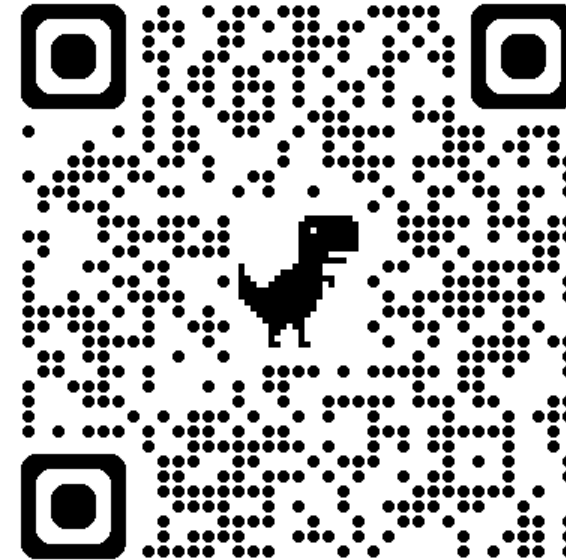
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# Thank You

Check your UNOLS East Coast Van Pool Schedule for CY 2026.

<https://marops.ceoe.udel.edu/uecvp/>





# West Coast Van Pool

Marine Operations - Oregon State University



Oregon State University



# Operations Overview

- **Office of Marine Operations established in 2025**
  - Centralized hub for OSU's marine-related facilities including:
    - Research Vessel Operations
    - Shoreside Infrastructure
    - Small Boat Program
    - Scientific Diving Program
    - Oceanographic Technical Services
  - New website: [marineops.oregonstate.edu](https://marineops.oregonstate.edu)
    - WCVF Website: [marineops.oregonstate.edu/west-coast-van-pool](https://marineops.oregonstate.edu/west-coast-van-pool)





# Operations Overview

- **The West Coast Van Pool operates 8 portable laboratory units**
  - 3 Isotope Vans, 2 General Purpose Vans, 2 Cold Vans, and 1 Calibration Van
- **The WCVP recorded 595 operating days in CY25, 570 days were supported by NSF, 25 were supported by other agencies.**
  - WCVP supported 15 missions on 8 vessels
  - Originally expected 391 days, 10 missions, 6 vessels
- **We are anticipating 372 operating days in CY26, with all days supported by NSF**
  - WCVP anticipates supporting 6 missions on 5 vessels



# Scheduling and Requesting Updates



- Currently working with UNOLS on Inventory Management and SME requests for pooled equipment
- In the meantime:
  - Previously accepted fillable PDFs of Van Pool Request Forms
  - Van Pool Request Form integrated into Qualtrics on the Website

## Calendar & Scheduling

To schedule a van from the West Coast Van Pool, please fill out the online form below. To schedule a van from the East Coast Van Pool, please go to their website.

- > [West Coast Van Pool Scheduling Form](#)
- > [West Coast Van Pool Evaluation Form](#)
- > [UNOLS East Coast Van Pool Website](#)

*Calendar Access Disclaimer: Individuals with an OSU Google login may view the calendar after signing out of their account.*

Today		<	>	⌵
SUN 29	MON 30			
5	6			
R-5: Shimada, J. Adams (Vogel), SA GP-1: Langseth, Gayatan, SAN-Char GP-2: Langseth, Gayatan, SAN-Char				
12	13			
R-5: Shimada, J. Adams (Vogel), SA GP-1: Langseth, Gayatan, SAN-Char GP-2: Langseth, Gayatan, SAN-Char				
19	20			
R-5: Shimada, J. Adams (Vogel), SA GP-1: Langseth, Gayatan, SAN-Char 1 more				
26	27			
GP-1: Langseth, Gayatan, SAN-Char GP-2: Langseth, Gayatan, SAN-Char R-3: Kilo Moana, Raven, SAN-SAN				



# Large Projects Planned for 2026

- **R-4 is now in use!**
  - Experienced a fumehood repair within its first year of op.
- **Complete Refurbishment of GP-2**
  - Decal application will be completed this Summer post-deployment.
- **Review and Update Electrical Work on Vans**
  - Work continues, reviewing vans as available in the schedule
  - In addition to reviewing the power distribution, salt corrosion is a continuous issue in the labs and updating deteriorated connections is another priority.
- **Review C-2's HVAC System**
  - After repairing and replacing the fan in the dehumidification system, we're experiencing intermittent short-cycling issues. Further assessment is needed on the lab's HVAC system.

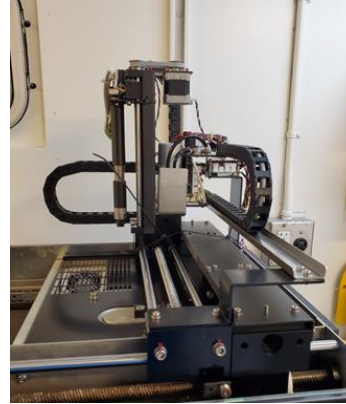


GP-2 Exterior

# Troubleshooting, Repairs & Labkeeping

## Hidex LSC Units:

- We are now ziptying the arm inside our LSC units, please be sure remove upon mobilization and replace zipties prior to demobilization.
- There are fewer issues overall when users are processing with 20mL vials instead of 7mL.
- Units are sensitive to salt corrosion. Monitoring units closely and checking interior components prior to departure.
- Please read the updated Standard Operating Procedures guide provided in the labs or reach out to the West Coast Van Pool for more information.



# Troubleshooting, Repairs & Labkeeping

## R-4 Fumehood:

- Intermittent failures experienced during last deployment
  - Discovered issue with imbalanced interior blower wheel and motor.
  - Both blower wheel and motor replaced upon lab's arrival. Still assessing wheel balance.



R-4 Interior, Fumehood



# Troubleshooting, Repairs & Labkeeping

- **Housekeeping Notes (or Labkeeping):**
  - Please be sure to read and adhere to van policies and procedures provided in the portable labs and on the website, and complete evaluation forms after use.
    - Policies and procedures are there to assist and protect users. Help us ensure that we're supporting safe science at sea!
  - Please remove waste, secure interior, stow power cables in the van, and check cable and vent covers are secured after use.
  - Ask us questions! We're here to support you.



**Thank you!**



Visit the West Coast Van Pool at  
[marineops.oregonstate.edu/west-coast-van-pool](https://marineops.oregonstate.edu/west-coast-van-pool)

