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Pelagic Research Services Selected to Support WHOI and OSU Seismic NSF Funded Project

"Illuminating the Cascadia Plate Boundary Zone and Accretionary Wedge with a Regional-Scale Ultra-Long Offset Multichannel Seismic Study"

- PI - Suzanne Carbotte (LDEO, Columbia University); Co-PIs: J. Pablo Canales (WHOI), Shuoshuo Han (UTIG)

- PRS to provide ROV and subsea navigation services to deploy and recover hundreds of Ocean Bottom Nodes (OBN)
  - Development and Fabrication of Integrated OBN Skid for ROV Odysseus
  - Depth Range – 90 to 3000 meters
  - Spacing every 500 meters

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Contract Manager- Oregon State University

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Optimizing Efficiency

- 32 OBN Nodes per Deployment/Recovery
- Long Duration Dives
- Gyro USBL System
- INS/DVL on Odysseus

Postponing of Project

- Multiple Covid-19 Mitigation Plans grounded in UNOLS Guidance documents
  - Outstanding Document
- Multiple Project date changes
- Unfortunately postponement several weeks prior to mobilization
- Compliments to Kaya Johnson, Marine Superintendent OSU & Dr. Pablos Canales

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Recently completed projects:

- Ocean Networks Canada – Venus Ocean Observatory Maintenance Operations
  - 16 days - modified 12-hour dive operations
  - Utilization of ROV Odysseus heavy lift and cabled observatory standard latching system to deploy and recover Junction Box platforms, tool baskets etc.
  - Perform other tasks in preparation for ONC August Cruise with ROV Hercules

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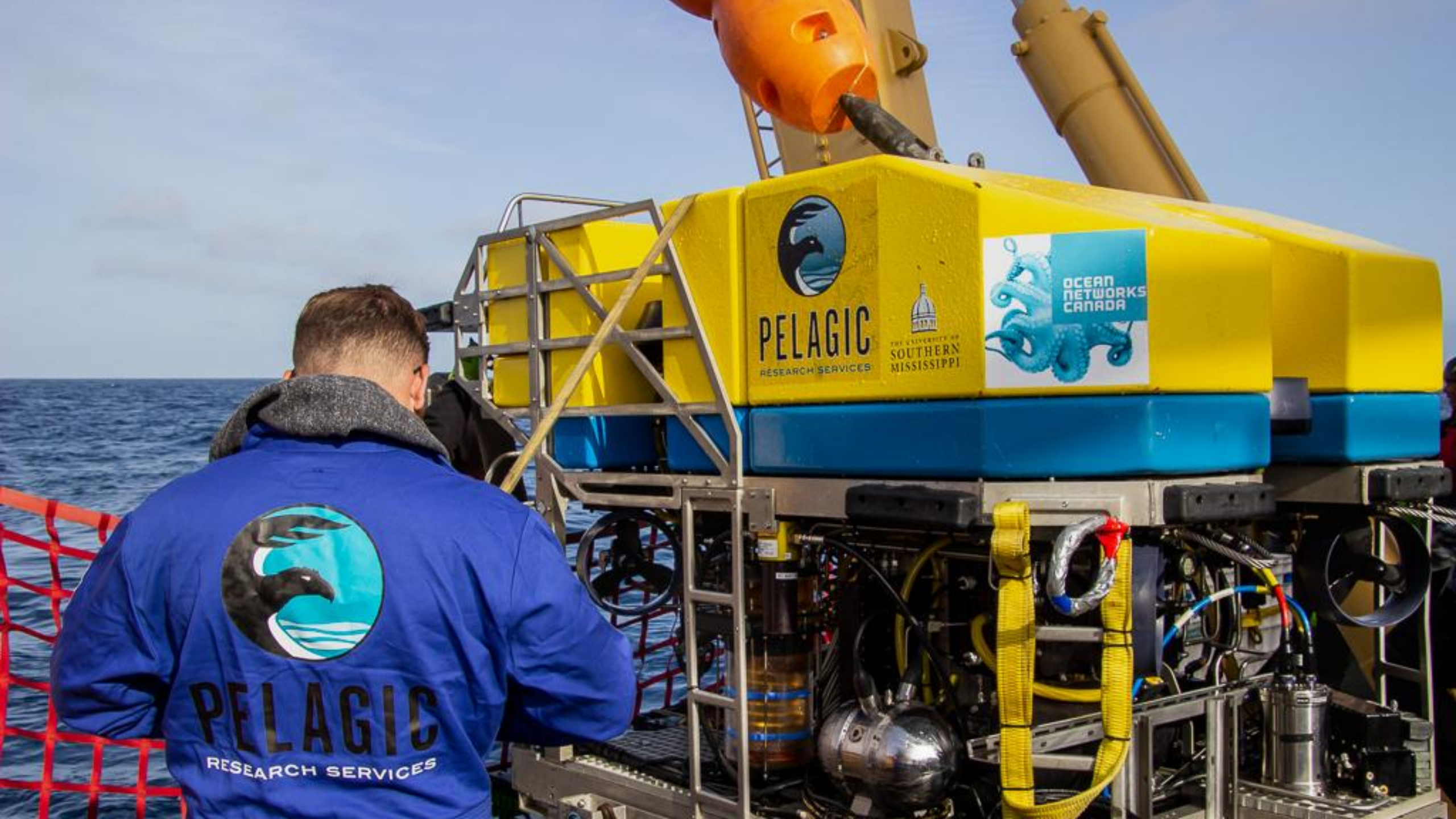
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