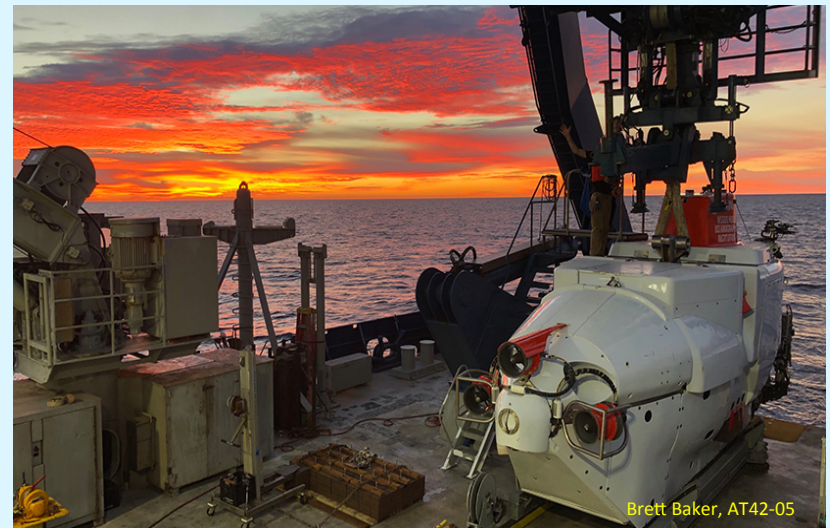




DeSSC White Paper: Ongoing need for a 6500m-rated HOV

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White Paper - Summary of reports, workshops, and user interest

- The document outlines the ongoing need for a 6500m-rated HOV.
- Provides a summary of reports generated from community-based workshops that have addressed this need.
- Summarize recommendations from three workshop reports that reaffirm the desire for a 6500m-rated HOV
- Provide additional insight into the potential uses of a 6500m-rated HOV.



White Paper: Recommendation

- The current 4500m-rated HOV *Alvin* does not entirely meet the needs of the scientific community
- A 6500m-rated HOV would satisfy that need by providing the flexibility required to study nearly all of the ocean basins via human-occupied submersible.
- Development of a 6500m-rated *Alvin* would bring the US in line with other nations that operate deep-diving HOVs (i.e., China, Japan, Russia, France).
- The costs for such an upgrade should not unduly consume the resources that would fuel the anticipated scientific advances.
- The scientific justification and desire for a 6500m-rated HOV remains strong.