**GOOS Network OCG-15**

**GOOS Ocean Gliders**

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1. Highlight the key network successes

* **Expansion of OceanGliders**: The OceanGliders program is expanding globally, with significant potential for growth in Asia, Europe, and Canada that remains under-monitored.
* **Enhanced Program Coordination**: Centralization of glider programs in Australia and the USA has streamlined activity monitoring, with both regions fully integrated into the program.
* **Achieving Targets by 2030**: Program goals are attainable by 2030 through improved member engagement and efficient data management (OG1.0).

1. How has the network advanced across the OCG Network Attribute areas[[1]](#footnote-1)

* **Program Development and International Expansion:** The program's expansion into Asia, with Korea and China joining the Steering Team, is a essential for its internationalization.
* **New Task Teams:** Introduction of new task teams including Polar Task Team, Data Assimilation Task Team, and Passive Acoustic Monitoring Task Team enhances program capabilities.
* **Structured Program Development:** The program is structuring around a GitHub repository hosting data management formats, controlled vocabularies, the BOON team, and Standard Operating Procedures (SOPs) (including vertical velocities recently integrated).
* **OG1.0 Implementation:** OG1.0 implementation, approved by the Data Assembly Centers, is set for official release (delayed due to consensus issues) by June 2024 at an international meeting.

1. Future Plans[[2]](#footnote-2) and Opportunities - at network and/or cross-network OCG level

* **Achievable Targets by 2030:** OceanGliders aims for ambitious targets by 2030, including 1000 missions annually with 100 gliders deployed continuously at sea.
* **Rationalizing Program Monitoring:** Efficient monitoring of this growing program requires rationalization and robust community support, which is currently no enough.
* **Implementation of OG1.0:** Adoption and implementation of OG1.0 will be pivotal in achieving these objectives.

1. Challenges and Concerns - at network and/or cross-network OCG level

* **Support for Increased Monitoring Capacity:** Adequate funding is essential to enhance monitoring capacity (instrumentation, data flow, and fleet performance). Currently, only one country provides regular funding for OceanGliders beyond project-based support**.**
* **Exploring Funding Mechanisms:** Exploring mechanisms to secure funding through organizations (WMO or IOC) is crucial. Collaborative funding models, such as sharing mechanisms with Argo, could offer viable solutions.

1. Asks from OCG (Exec, networks, OceanOPS, and/or GOOS), perhaps related to the responses to parts 3 and 4 and how OCG can support your network

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1. Recent publications, articles, etc. (if you want to share)

* None directly from Ocean Gliders, lots on gliders.

1. <https://oceanexpert.org/downloadFile/45372> [↑](#footnote-ref-1)
2. Future plans on implementation, instrumentation, data management, test, new sensors, plan for new EOV/ECV observations, capacity development, etc. [↑](#footnote-ref-2)