

OceanGliders

OG 1.0 format and governance

Justin Buck on behalf of the OceanGliders data management
task team (OGDMTT)



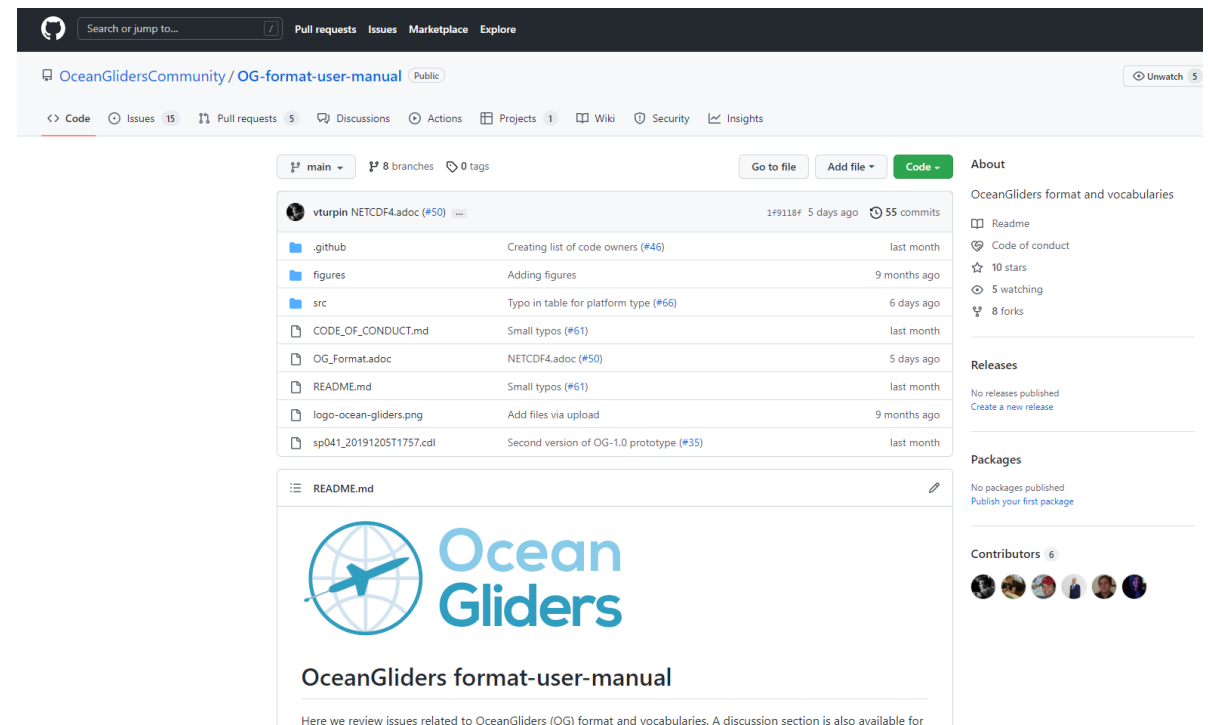
These projects have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 951842 and No 862828

The OG 1.0 format

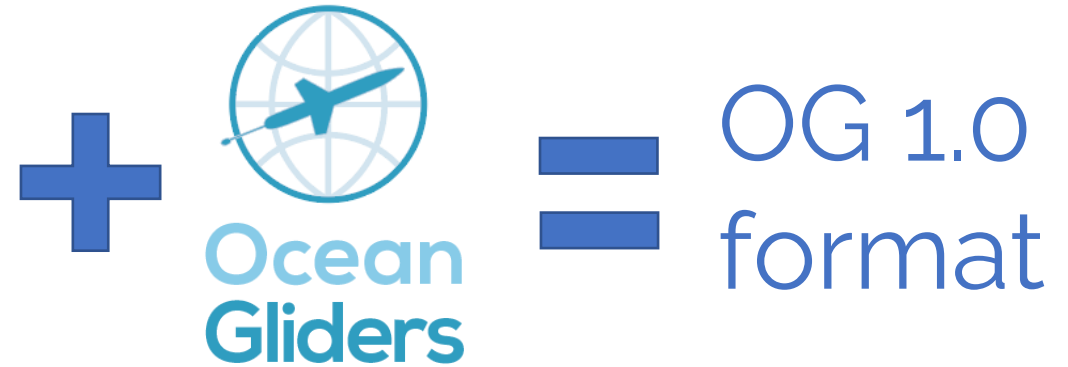
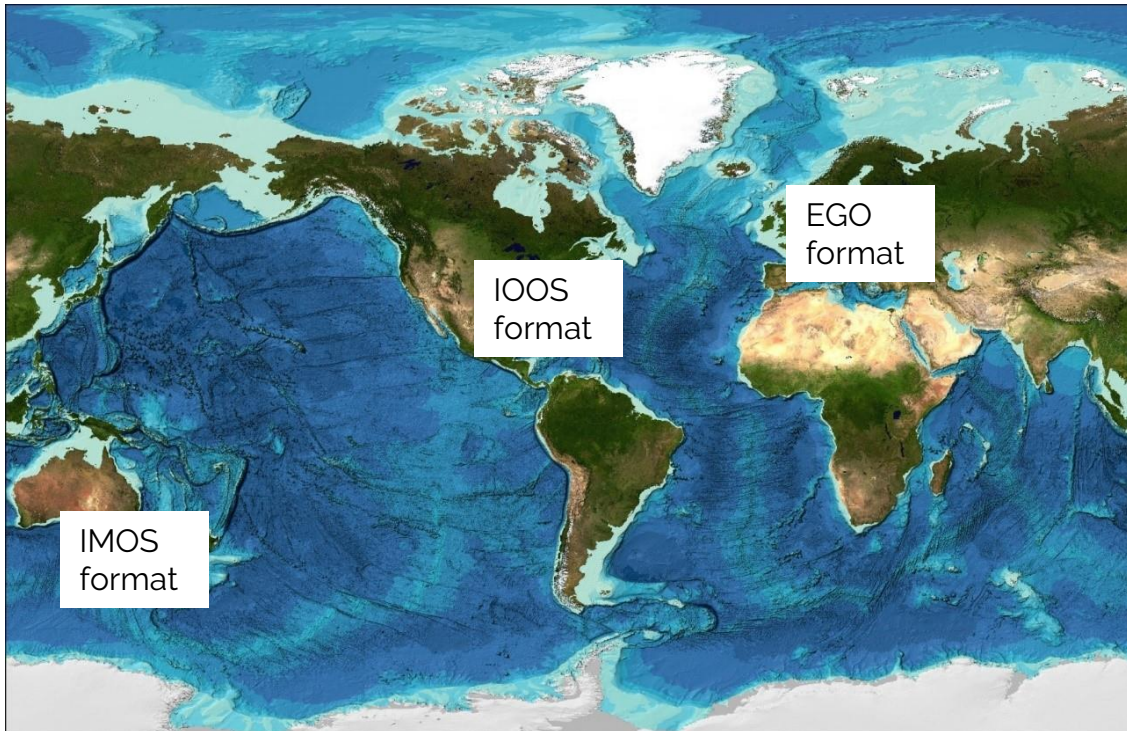
The [OG 1.0 format](#) is being developed for the GOOS network to achieve a minimum level of interoperability globally

Outline

- Origins of the format
- Alignment with standards
- Governance of the format
- OG 1.0 status



Harmonisation of regional formats



“Similar but different” formats used globally

FAIR ocean data

Recommendations for the Data System

The integrated data system

Not a new system !

Minimum set of agreed recommendations

- Integrate existing data systems
- Enhance systems to ingest and deliver more in-situ data
- Enhance services to serve users better in a harmonized way

Enhance Network Data Systems

Upgrade existing integrators to serve networks and users better

A data exchange backbone to ease discovery, viewing and downloading by users

Principles defined by Force 11 and state data should be:

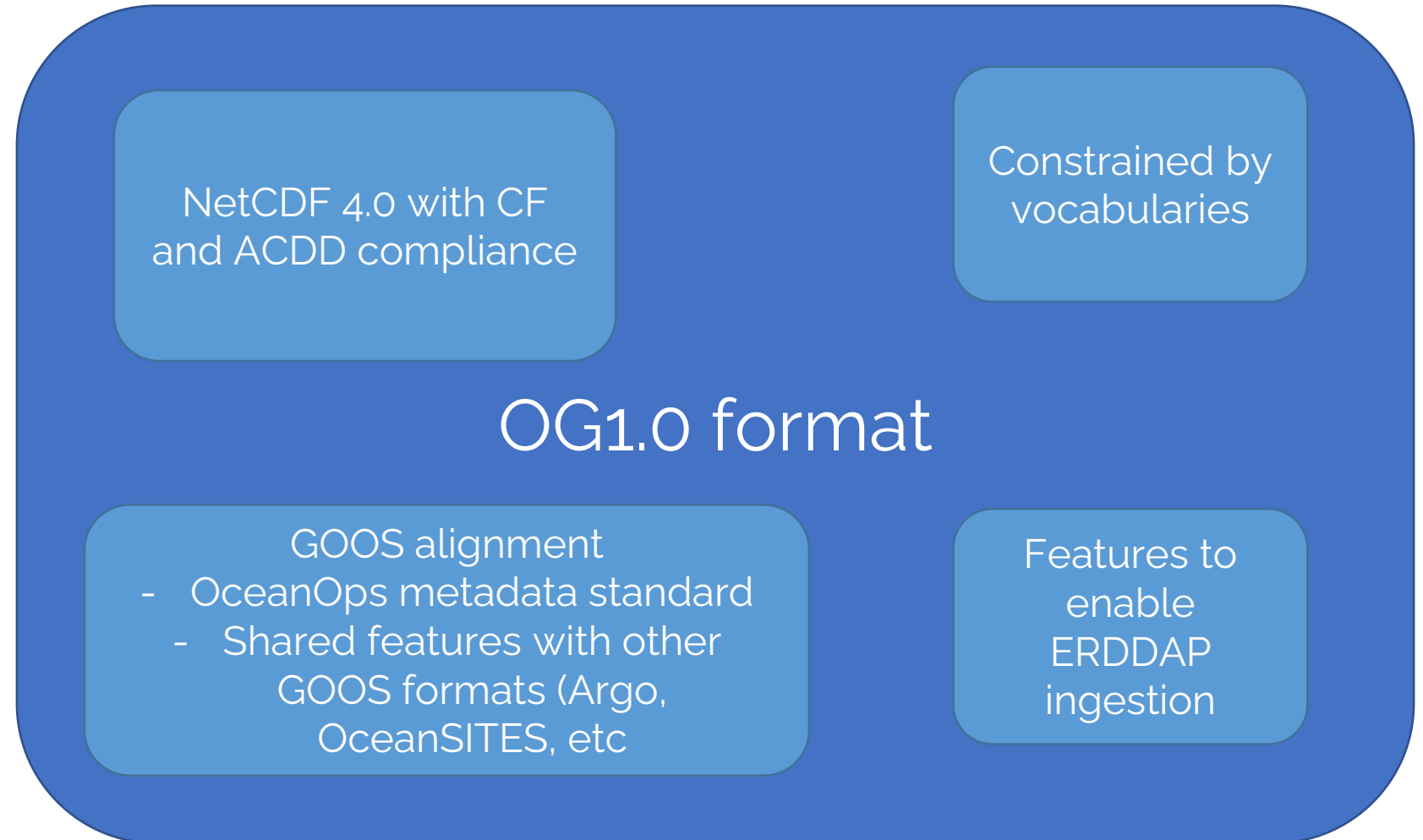
- Findable
- Accessible
- Interoperable
- Re-usable

Key references:

- [Wilkinson et al. \(2016\) paper describing the principles](#)
- [OceanOBS'19 paper on applicability in the marine domain](#)

Alignment with standards

Designed for
broad
oceanographic
community
interoperability

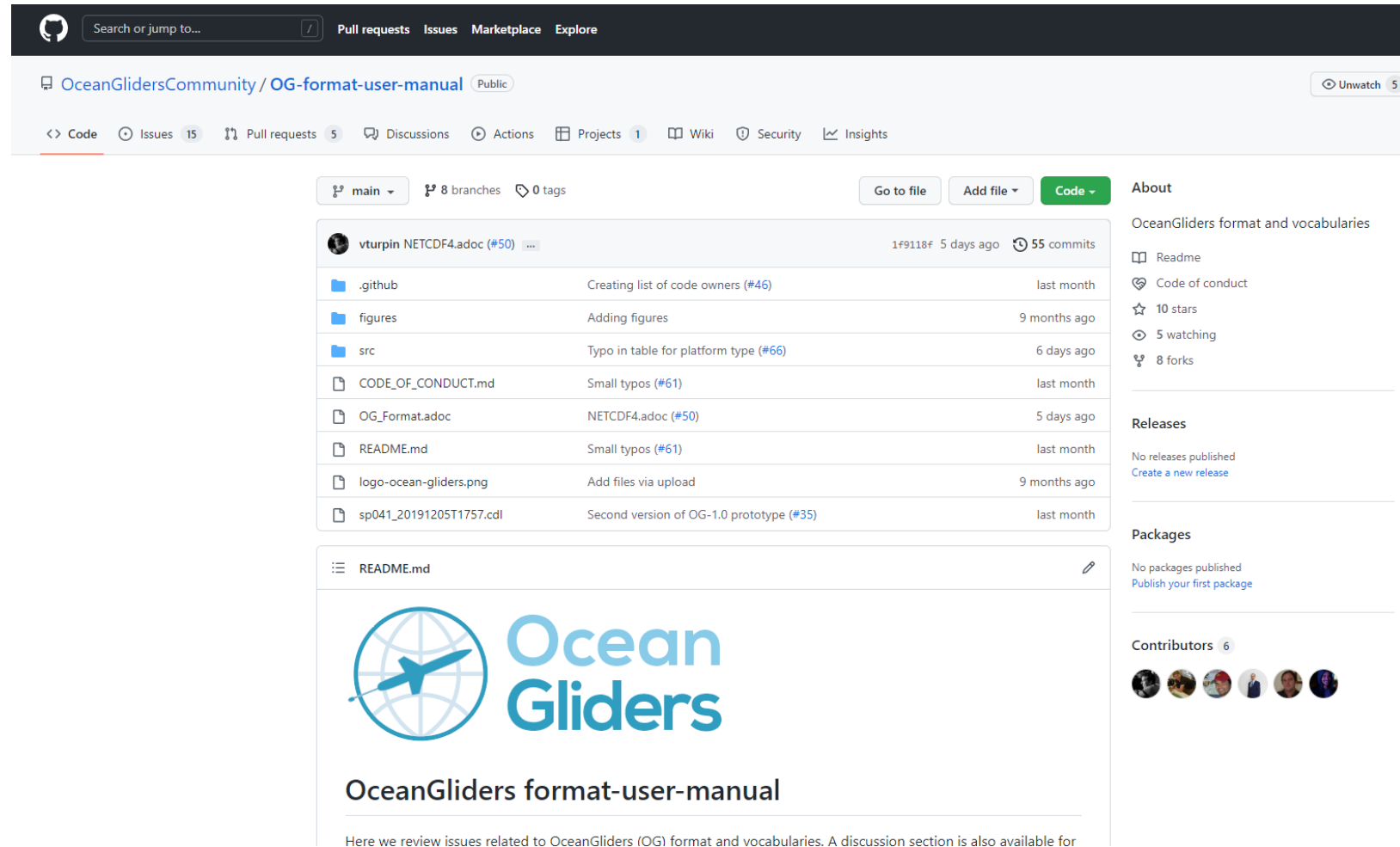


Community governance via GitHub

GitHub repository includes:

- Documentation
- Issues
- Pull requests with approvals
- Example files

<https://github.com/OceanGlidersCommunity/OG-format-user-manual>



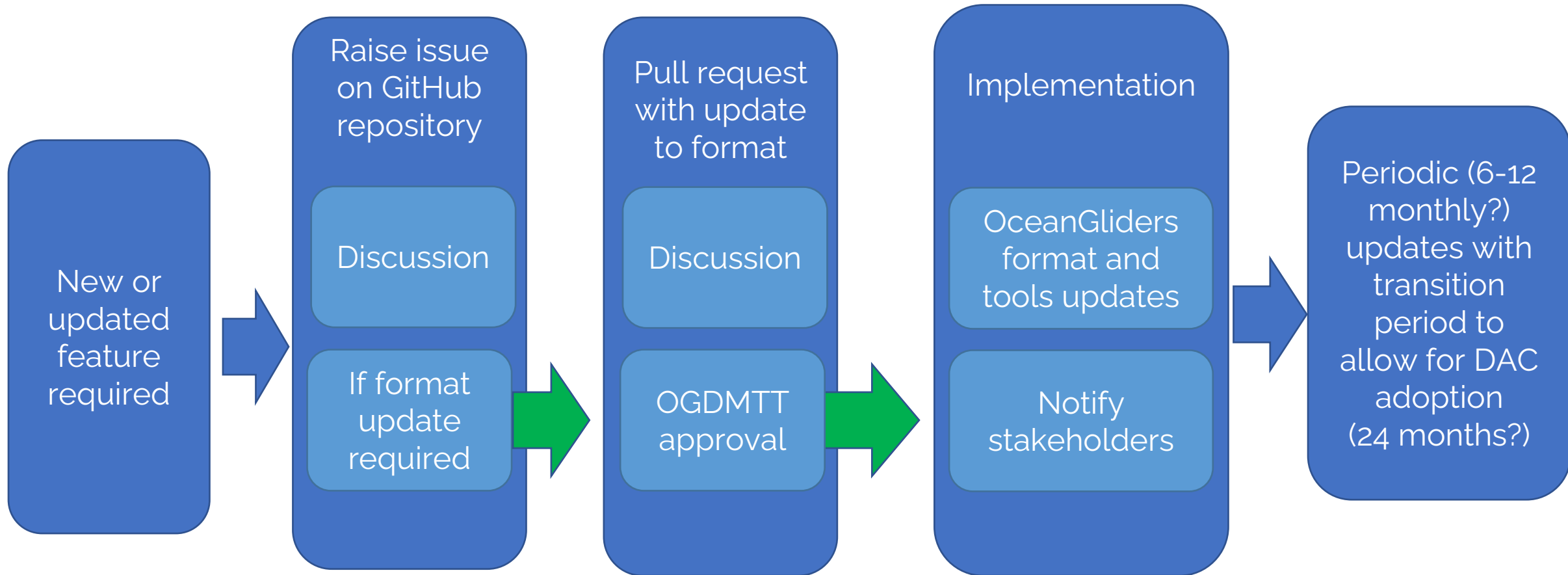
The screenshot shows the GitHub repository page for `OceanGlidersCommunity / OG-format-user-manual`. The repository is public and has 15 issues, 5 pull requests, 1 project, 1 wiki, and 5 insights. The main branch is `main` with 8 branches and 0 tags. The repository contains the following files and folders:

File/Folder	Description	Last Commit
<code>.github</code>	Creating list of code owners (#46)	last month
<code>figures</code>	Adding figures	9 months ago
<code>src</code>	Typo in table for platform type (#66)	6 days ago
<code>CODE_OF_CONDUCT.md</code>	Small typos (#61)	last month
<code>OG_Format.adoc</code>	NETCDF4.adoc (#50)	5 days ago
<code>README.md</code>	Small typos (#61)	last month
<code>logo-ocean-gliders.png</code>	Add files via upload	9 months ago
<code>sp041_20191205T1757.cdl</code>	Second version of OG-1.0 prototype (#35)	last month

The `README.md` file is displayed, showing the Ocean Gliders logo and the title "OceanGliders format-user-manual". The text below the title reads: "Here we review issues related to OceanGliders (OG) format and vocabularies. A discussion section is also available for".

On the right side of the repository page, the "About" section states: "OceanGliders format and vocabularies". It also shows 10 stars, 5 watching, and 8 forks. The "Releases" section indicates "No releases published" and provides a link to "Create a new release". The "Packages" section also indicates "No packages published" and provides a link to "Publish your first package". The "Contributors" section shows 6 contributors.

OG 1.0 format evolution



Current status of the format

Preparing first version of the format on the repository ahead of seeking formal endorsement by the OceanGliders programme.

- Currently addressing last blocking issues

We encourage those with an interest and/or dependency in the format to engage with us via GitHub or directly.



Thank you from the

OGDMTT

OceanGliders format documentation and governance

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