Thoughts on the Future of the Regional-Global Task Sharing Framework (R/GTS)

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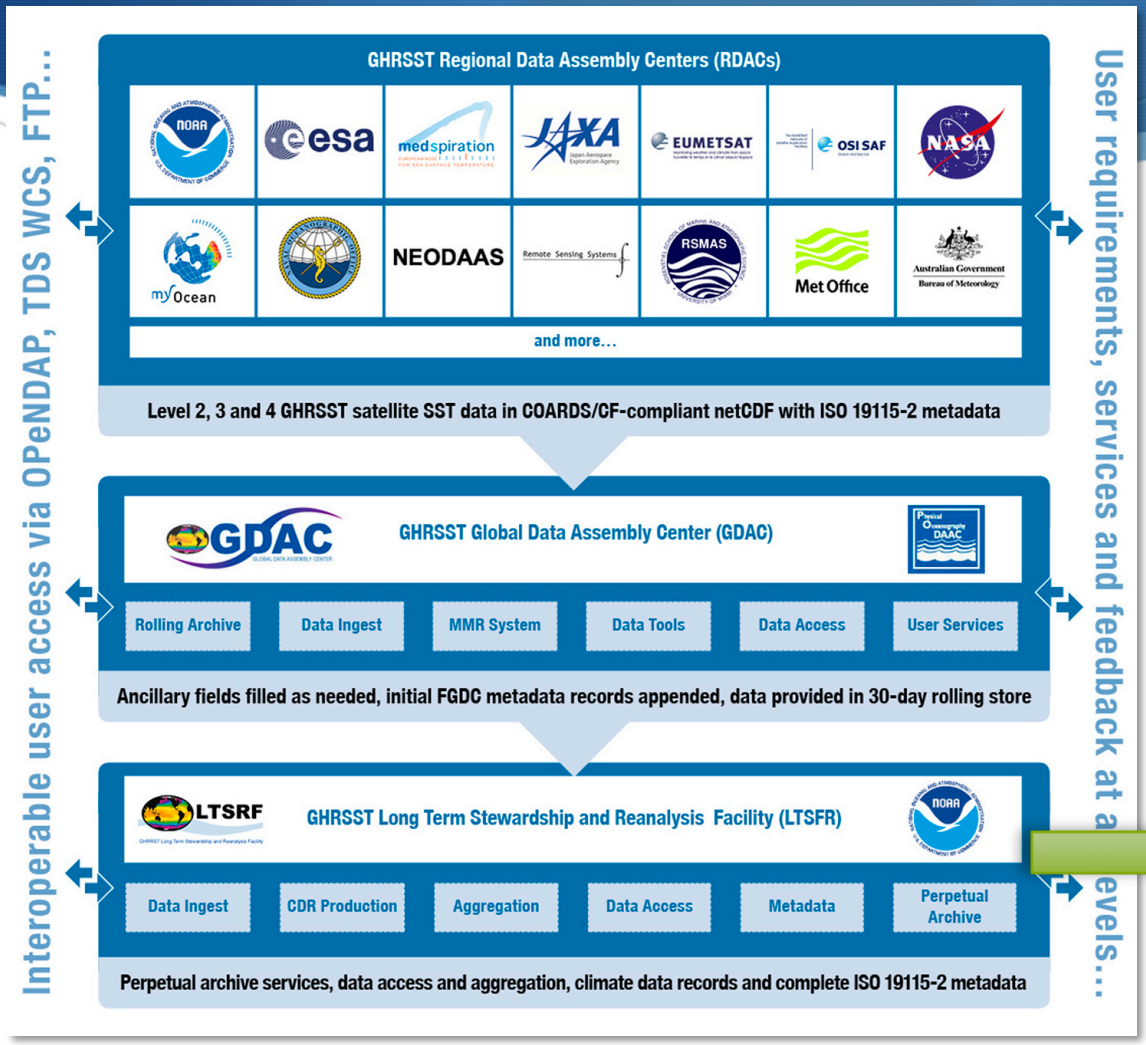
Current Framework - Overview



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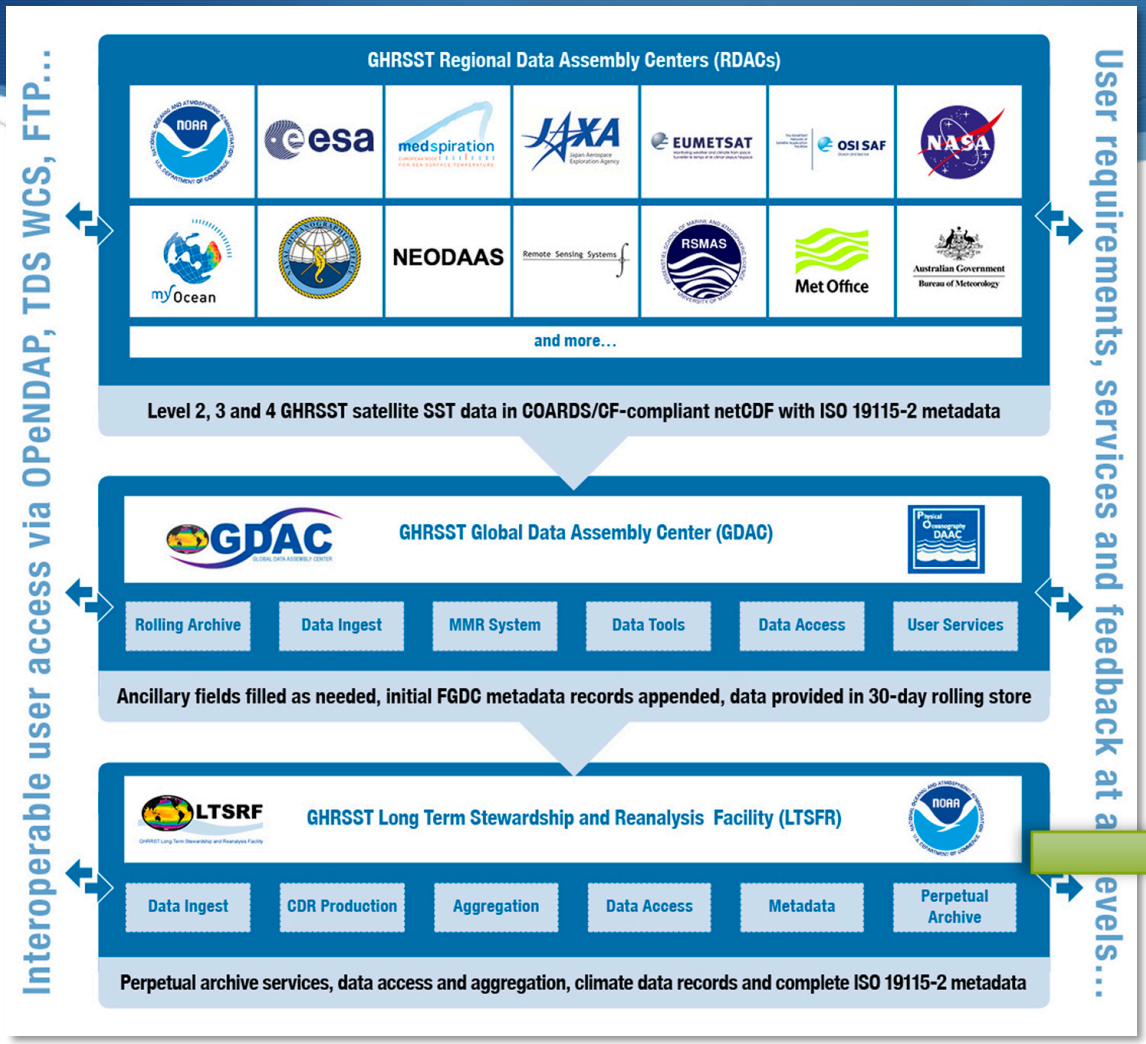
Current Framework Key Features

- All “official” data flow from RDAC to GDAC to LTSRF
- Data is accessible at all levels
- RDACs free to do whatever they like, as long as they submit GDS-compliant data to GDAC
- Metadata “grows as it flows” from one level to the next
- Considered highly successful, and nothing is “broken”

So why "modernize" it?

- While Japan just announced a change in policy and will permit its data to flow to GDAC and LTSRF, are opportunities being missed with other nations whose data policies are more restricted?
- Changes coming in Europe with Sentinel missions may make it difficult to impossible to continue business as usual
- Jean-Francois has suggested a new EU GDAC formulation
- Enable new capabilities, new services, new features…

Possible Future?



RDAC Future

Format *and* Access Service Requirements?

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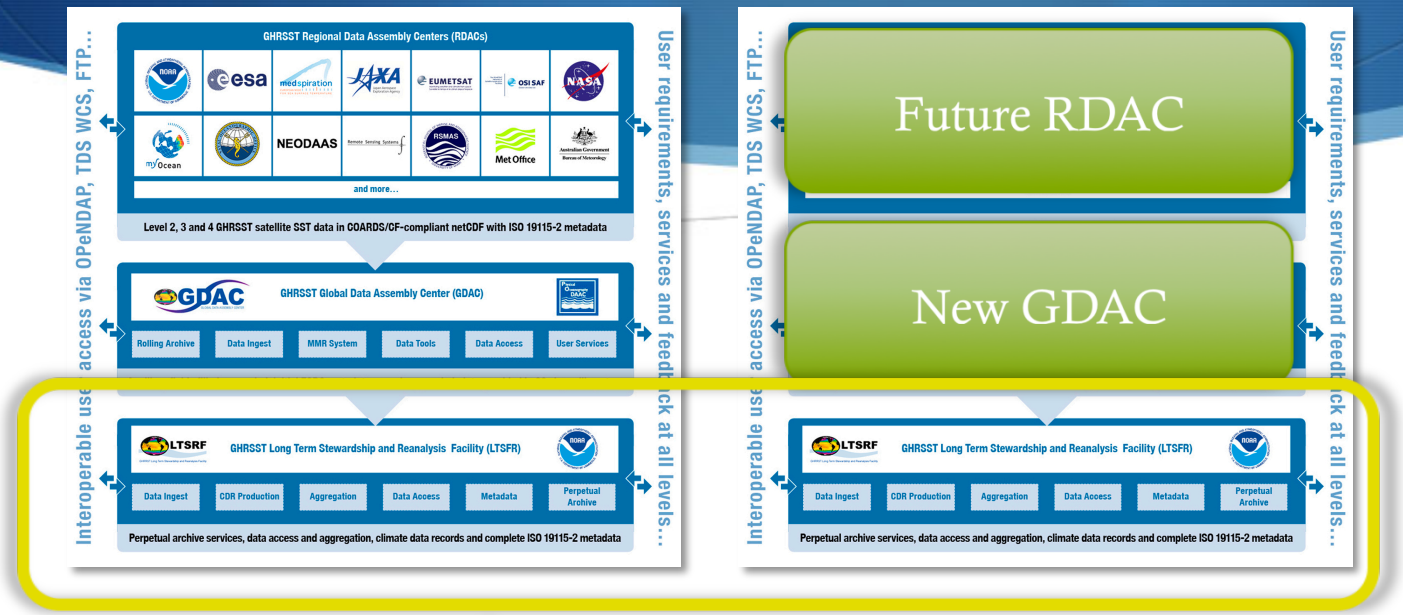
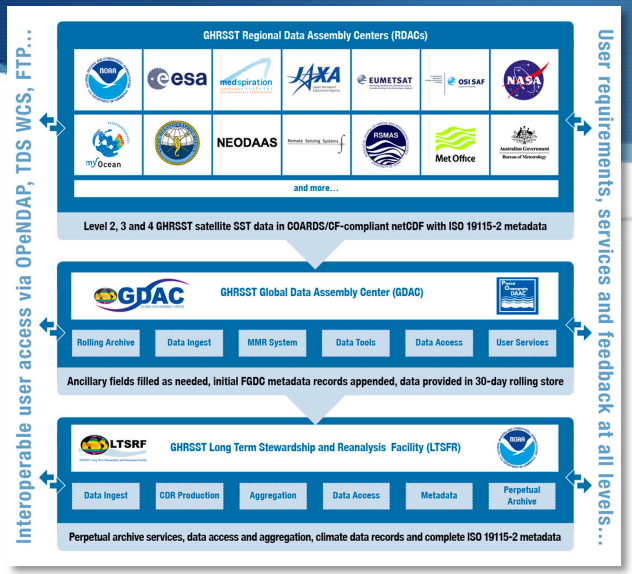
Possible Future?

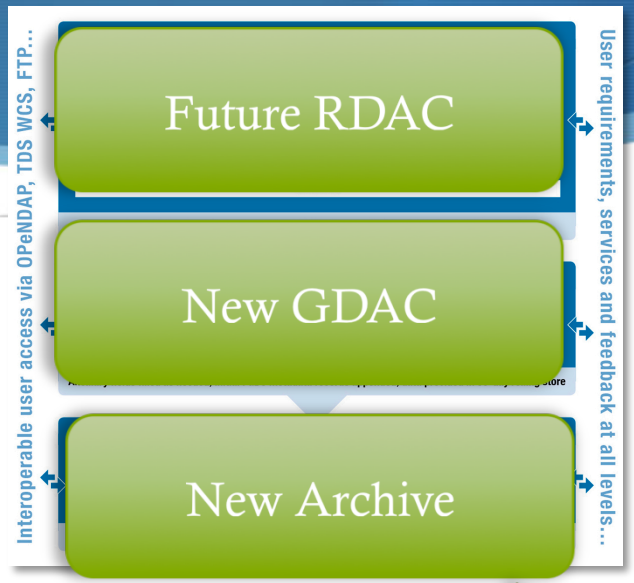


Single Archive

And/or some other GHRSST-maintained catalog

Possible Future?





2+ Archives?

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Lots of models…

- Data.gov – harvest of metadata to a central repository
- DataONE – API-based, tiered member nodes (1-4), each with varying levels of services
- Federated Search – e.g., Geoportal Server… central interface receives query, sends search out to federated partners, then collates results
- And more…