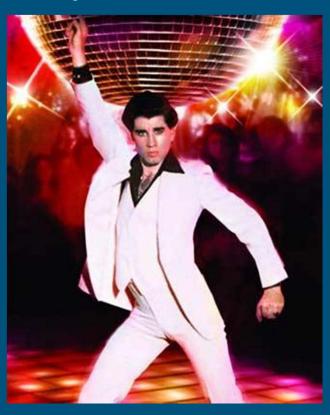# Advisory Board Comments

SeaDataCloud Kickoff
01 Dec 2016

Positive Impressions

- The vision is clear! Building from strong SDN foundation and experience and lessons learned

- Excellent to see connections between BODC marine vocabularies with broader communities – essential to maintain/build/improve broader connections to interdisciplinary communities

- Strong team, competent people, well connected!

- But most importantly...

Positive Impressions

The Dancing is phenomenal!

Critical Issues - The Users

- Who are they?

- Which ones are most important?

- What analysis of their needs have been done?

- Don't forget the non-academic users

- Have any use-case analyses been done?

- What is being planned for promoting SDC to potential users in the marine and broader community (recommendation to connect to existing networks like FutureEarth, GEO, etc)

Critical Issues - The VRE

- Is there some duplication of services? ODV, DIVA, OceanBrowser, plus another Deltares, all doing visualization services

- Concerns about the openness and connection of this VRE with other cloud efforts (e.g., Copernicus, NASA, NOAA Public Cloud datasets, etc.)

- Nice to see details about online bio data QC in the VRE. What about other data types? WP11 on QC strategy?

- JPI Oceans recently launched the European marine sensor calibration network which brings together oceanographer, national met centers, and industry – explore connections on QC?

Other Impressions

- Consider more frequent, Agile-style feedback sessions within and across WPs

- What happens after the 48 months? Who sustains?

- Tread carefully around the user registrations… we understand they are needed for certain environments like the VRE, but be sure to verify with actual users that the registrations is smooth, quick, and not a barrier to basic access.

Technical Notes

- Use of full ISO 19139/19115 XML for granule metadata in the CDI – not a problem at 1.8M granules.. but at larger scales can become a problem. In NOAA, we are dealing with 100M's to billions of granules so have adopted/developed an "ISO lite" approach for granules

- Similarly, can some of the triple-store approaches you are taking scale to tens of millions or more?