

From: Carlos Rueda <carueda@mbari.org>

Subject: Re: CANON 2015

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To: Francisco Chavez <chfr@mbari.org>

Cc: Kevin Gomes <kgomes@mbari.org>, Tom O'Reilly <oreilly@mbari.org>, M Jordan Stanway <mjstanway@mbari.org>, Monique Messié <monique@mbari.org>, John Ryan <ryjo@mbari.org>, Duane Edgington <duane@mbari.org>

Hi Francisco,

Some text summarizing what has been our vision with the planning component in the ODSS:

A central goal of the Planning component in ODSS is to support high-level planning of science experiments/campaigns through an intuitive graphical interface where platforms can be assigned to deployments and missions within a spatiotemporal frame. Once an overall planning specification is defined in ODSS, export and other interoperability mechanisms will enable the use of more specialized tools for detailed mission elaboration and execution. As a decision support system, planned information in the ODSS can be combined with other displayed elements in the Situational Awareness tab to assist both mission execution monitoring and further planning refinement.

Work in the remaining of this year will mainly continue to be on improvements to the user interface, but I hope we can also start exploring possible exchange mechanisms, in principle with LRAUV mission planning, toward gaining a better idea of how to enable a general interoperability strategy. In this sense, potential integration with tools like Neptus in 2016 is completely relevant as captured in the draft text that Tom sent around recently, which includes, "We'll also evaluate Neptus as a complement to our ODSS tools, and define interfaces that would allow us to share Neptus plans with ODSS, and ODSS data with Neptus."

I'm also attaching a recent screenshot, but happy to capture others if needed. More information (and more screenshots) can be found at <https://oceana.mbari.org/confluence/display/CANON/ODSS+Platform+Timeline+Editor>

Hope this helps. Please let me know.

Carlos

