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Subject: CANON 2015

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Reply-To: Francisco Chavez <chfr@mbari.org>

Hello All,

Now that we have left behind the annual report, performance evaluations, and the Gulf of California expedition it is time to spin up planning for CANON 2015. Our first "experiment" is in May. The first CARSON days are May 10-11, the last are June 4-5. ESP's deployed before, recovered after (I think). The straw operational plan is as follows:

Repeat the type of multi-vehicle operations we did at the end of Fall CANON 14. In this case we would deploy one of the LRAUV in drifting mode in the upwelling plume, close to Año Nuevo, have a second with the water sampler (or ESP, apparently not likely for May) flying around it and a third with ESP (or sampler) running longer zig-zag sections across the upwelling plume. The wave glider (SV3) would follow the drifting LRAUV. The other wave glider may be up at Año watching for upwelling. We would start the LRAUVs 1-2 days before the Carson days and then use the Dorado and Carson adaptively depending on what the LRAUVs told us. We recover the LRAUVs 1-2 days after and get ready to do it again over four weeks. We want to let the week-to-week environmental variability in upwelling tell/show us how the ecosystems organize in time and space time.

I have set up recurring meetings in Harbor Thursday's at 0930 starting on March 12 for our deliberations.

Francisco

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