



To: GEOTRACES Intercalibration Cruise Participants (GeotracesInterCal@ucsc.edu)  
From: GEOTRACES Intercalibration Committee  
Date: 7 August 2008

Everyone,

By now I hope you've all received your samples and gear. I think the cruise was very successful overall. Granted, there were a few bugs, but I think we did everything we needed to do most: get the GEOTRACES Carousel sampler, bottles, and clean van working, fill the GEOTRACES tanks and then the intercalibration bottles, obtain some vertical profiles at BATS to establish it as a Baseline Station (here is where the contamination-prone TEIs part of the project may not have been fully successful), and evaluate the various in situ pumps and GO Flo filtrations for the collection of representative particles. Now, the hard part is up to you...the analyses!

The latter topic then leads to the workshop scheduled for 13-14 December 2008, the weekend before the San Francisco AGU Meeting. The goal for this workshop will be to go over the results we have to date and discuss them...what works and what does not – the actual Intercalibration! We anticipate this will be 2/3 of the meeting time. The remaining 1/3 will be planning Cruise 2 in the North Pacific. So, everyone needs to plan on getting as many analyses as possible completed before the workshop, ideally by November so that you can discuss the results amongst your colleagues measuring the same suite of dissolved and/or particulate TEIs. We can only accommodate 45 participants at the workshop, with the elemental coordinators having the most priority (they have to attend), and perhaps 2-3 others that are in their group (e.g., the nutrient group should have Karen Casciotti, Albert Colman, and Mark Brzezinski at the meeting); the remaining spots would be for coordinators on the 2nd Cruise who did not participate on Cruise 1. The plan would be for each elemental coordinator to present the overall results to date (maybe 20-30 minutes covering the Intercalibration results and the vertical profiles) and then the entire workshop would discuss the results, in particular looking for trends, etc that match their own. At the end, we'll spend time synthesizing all of the results – what worked and what didn't. This would then lead into Cruise 2 planning, with additional topics to be included (e.g., speciation, sample storage, etc).

Now let me cover some logistics. The meeting will be at the same hotel as last year, although its name has changed to the Larkspur Union Square Hotel. It is now on the AGU housing list (\$115 per night, a deal!), so you need to make reservations immediately (by the beginning of September) since its rate is the 2nd cheapest on the list and it will fill quickly. Because of the number of topics we have to cover, the meeting will run from 0800-1800 on Saturday and Sunday (there will be breakfast, lunch, and snacks/drinks provided in the meeting room, the same great food as last year; dinner on Saturday will be organized but not included). Thus, plan on arriving on Friday afternoon, 12 December. Finally, I need you to request attendance; I've outlined the priorities above, but I need to keep a head count, so please send me this by 19 September.

Ken Bruland, Rob Sherrell and I are looking forward to our continuing collaborations with you on this important facet of GEOTRACES.

Greg Cutter, Chair of GEOTRACES Intercalibration Committee

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