

## **Porth Hedland to Darwin Deployment**

Hi, I just wanted to give you an update on our Australia cruise plans.

Right now, we have the ship (Melville) lined up for a cruise going from Port Hedland on June 18 and coming into Darwin on July 17. The activities will be CTD/rosette, SeaSoar and minibat work over the shelf and shelf edge in the intervening area leaning much more toward the Port Hedland end). I am attaching a map. Basically, stations and SeaSoar along the solid line, SeaSoar repeatedly in the offshore shaded box, and minibat in box B. These plans remain tentative. We are also hopeful of having a bottom-mounted ADCP mooring somewhere in the SeaSoar box for the cruise period.

We have started the process of asking for clearance to work in Australian waters. We are hoping for the best on that.

As of right now, we will likely have 6-9 WHOI physical types on board running the operations I described. We will also have 2 optical people along with two people from USF who will look at SeaSoar instruments, flow-through and bottle samples.

So, that is the general status right now.

I would very much like to invite your participation, or that of your colleagues. We have plenty of bunk space on the ship. We welcome people who can participate in our planned operations, and we would be delighted to have others come along for different activities (not just physical) on a not-to-interfere basis. This is a nice opportunity with such a ship in such a location, so we are anxious to make the most of it.

Ken