

**Second Circular to Cruise Participants**  
**CMarZ Western North Atlantic Cruise**  
*10 March 2006*

*Project Title: Zooplankton biodiversity in tropical / subtropical Atlantic Ocean waters: a CoML Census of Marine Zooplankton (CMarZ) partnership project.*

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*Cruise RB-06-03: on R/V Ronald H. Brown, 10 to 30 April 2006, Charleston, SC to San Juan, Puerto Rico*

**Travel and Accommodations.** Participants on the cruise should make travel arrangements to fly to Charleston, South Carolina arriving between 5 and 9 April. The ship will come into San Juan, Puerto Rico on 30 April and participants should plan to fly to their respective homes on 1 May (or later if a stay in San Juan is planned). The Ronald Brown will be located close to the NOAA Coastal Services Center in Charleston, South Carolina. The ship will be available to move onto on the 9<sup>th</sup> of April, so plan to stay in a Charleston hotel if arriving before the 9<sup>th</sup>(see hotel suggestion below). See the map at the end of this circular for locations described below.

**Directions to get to the Ron Brown.**

These are directions on how to get to the NOAA Coastal Services Center, 2234 South Hobson Avenue, Charleston, South Carolina 29405-2413 [843-740-1200 phone]. The BROWN is docked about 100 yards away on the USCG pier Papa to the left of the CSC [ 843-308-9683, 843-566-0604, 1128, phone, 757-635-0678 Cell phone].

Directions from the Charleston International Airport

1. Take I-526 and I-26 East.
2. Proceed approximately 3 miles and take Cosgrove Avenue North (Exit # 216B).
3. At the 3rd traffic signal turn left onto Spruill Avenue.
4. At the first traffic signal, turn right onto McMillan Avenue.
5. Proceed to the gate. You may be stopped and asked for your destination.
6. Turn right at the first traffic signal onto Hobson Avenue.
7. Follow Hobson Avenue to the next signal (may be flashing), turn right onto Viaduct Road.
8. Take the first right turn, which will take you under Viaduct Road and put you on Bainbridge Avenue.
9. Follow Bainbridge Avenue to Halsey (left immediately following the end of the fence on the left) and turn left.
10. Follow Halsey to the end.
11. Turn right back on to Hobson Avenue and CSC will be the first building on your left.  
Address is: 2234 South Hobson Avenue.
12. Enter building through doors on South Hobson Avenue.

Directions from downtown

1. Take I-26 West.
  2. Exit at Spruill Avenue (Exit #218).
  3. Turn left at the light at the end of the exit ramp.
  4. Turn right at the first light (Viaduct Road).
  5. Proceed to base gate. You may be asked to state your destination.
  6. Upon passing the guard hut, turn right at the first exit ramp.
  7. Turn left at the stop sign, which will be Bainbridge Avenue.
  8. Follow Bainbridge Avenue to Halsey (left immediately following the end of the fence on the left) and turn left.
  9. Follow Halsey to the end.
  10. Turn right onto Hobson Avenue and CSC will be the first building on your left. Address is: 2234 South Hobson Avenue.
  11. Enter building through doors on South Hobson Avenue.
- The BROWN is docked about 100 yards away on the USCG pier Papa to your left of the CSC.

We are looking into reserving a block of rooms at the following hotel and will let you know more next week. There is a big tennis tournament in town that weekend so rooms are a little hard to find in the downtown locations in Charleston.

Holiday Inn Express  
(843) 553-1600  
(800) 465-4329  
(843) 553-1690  
(843) 572-9500  
7670 Northwoods Blvd  
North Charleston, SC 29406

### **Equipment Shipping Instructions**

For those of you planning to ship equipment to the ship's location in Charleston, SC, the following information will provide necessary details. "Scientific equipment shipped to the RONALD H. BROWN should be clearly labelled to indicate ownership. A shipboard point of contact (POC) for the shipment should be designated beforehand. Documentation and a list of contents should be included with the shipment as well as copies forwarded to the Field Operations Officer (FOO). The POC and the FOO should be informed of the expected arrival date and time of the shipment so arrangements can be made for handling, storage, or unloading. The FOO's e-mail address is [foo.Ronald.Brown@noaa.gov](mailto:foo.Ronald.Brown@noaa.gov)." The address is:

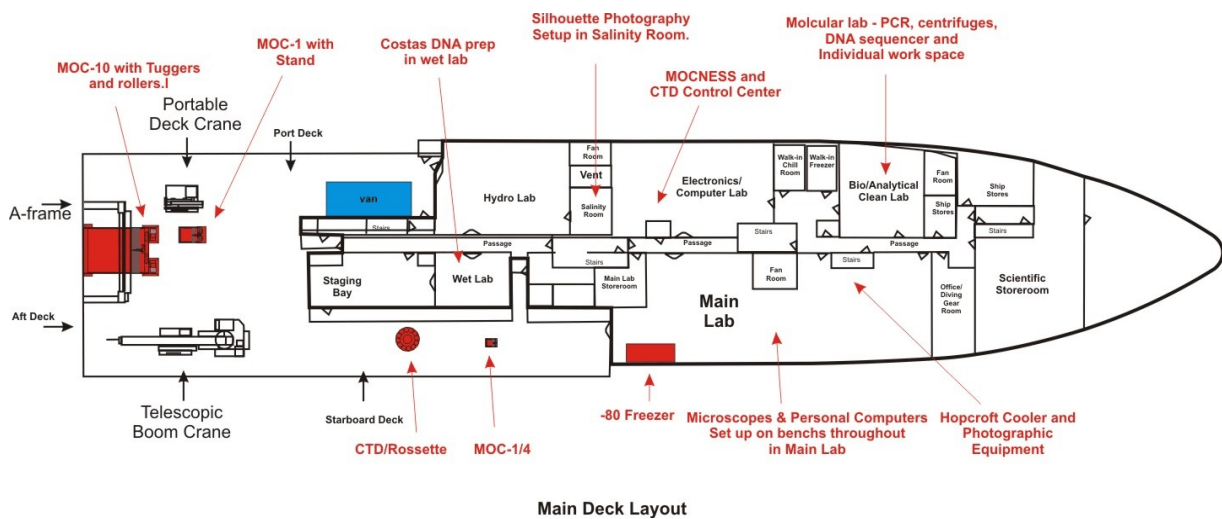
NOAA SHIP RONALD H. BROWN  
Peter H. Wiebe (RHB-06-03)  
C/O LECOMPTE, JAMIE A III  
NMAO EASC Route: MO2  
USCG Vessel Support Facility  
1050 Register Street  
Charleston, SC 29405

Cell: 757-635-0678

Shipping information (number of boxes, contents, and tracking numbers) should be forwarded to the FOO (E-mail: foo.Ronald.Brown@noaa.gov) and to N.Copley in advance of the arrival of the shipment. FYI Shipping to and from Puerto Rico is considered International.

Bring microscopes if possible as well as your favorite forceps, dishes, or other supplies that may be particular to your work. We will have a limited number of these items for general use. Also please bring any taxonomic keys or literature that you expect to need or want to share. This will be extremely useful.

### Science Space allocation on the Ron Brown.



The following is a first draft of the allocation of space on the main deck and in the laboratory space on the Brown (See Figure). The Brown has flexible table/bench space that can be set up for the work at sea. The table height can be adjusted. Power and internet access will be available in the labs. On the deck, the 10-m MOCNESS will be positioned on the stern under the A-frame and the 1-m MOCNESS will be positioned forward of the MOC-10. Both will be deployed off the stern using the 0.68 conducting cable. The 1/4-m MOCNESS will be positioned on the starboard deck for deployment using the 0.322 conducting cable. The CTD/Rossette will also be positioned on the starboard deck and deployed using the 0.322 conducting cable. If you have special requests for particular space please let us know soon what and where you would like this space to be, and what you intend to do with it.

### Clothing on the ship:

Foul weather gear (water proof pants, jacket, and steel-toed boots) will almost certainly be needed. Open-toed shoes, sandals, flip-flops are not allowed on the deck nor in the labs, so bring

other footwear for use in those spaces. Bring some warm clothing for working in air-conditioned labs and the chill room (~4C), as well as lighter clothing more typical for sub-tropical/tropical climates. Hats and sunglasses are needed at least for fire and boat drills.

**Draft Cruise Work Plan and Sampling Protocols** (see attached PDF)

