

DRAFT Media/VIP Information Sheet
Hidden Ocean 2005 Expedition
USCGC Healy
July 23-26, 2005

Science Party -

Rolf Gradinger (Chief Scientist/Sea Ice Team)
Russ Hopcroft (Pelagic Team)
Terry Whittedge (Primary Productivity Team)
Bodil Bluhm (Benthic Team)
Katrin Iken (Ice Diving Team)
Sue Moore (Marine Mammal Team)
Joe Caba (ROV Crew Chief)
*Dale Chayes (Lead Technician)
*Jeremy Potter (NOAA Mission Coordinator)

USCGC Healy

Dan Oliver CAPT - Commanding Officer (CO)
J. Jackson CDR (Executive Officer)
Jim Dalitsch LCDR (Operations Officer) (Ops)
Jessica Noel LTJG (Marine Science Officer)
Don Snider MSTC (Chief of MSTs)
Jonathan Buser ENS (Public Affairs Officer)

**Please feel free to contact them at anytime with questions or concerns.*

Objective: This document provides preliminary information regarding what to expect at-sea during your stay. More detailed information as well as notice of any changes to the schedule will be provided upon arrival on board the USCGC Healy.

ARRIVAL IN BARROW

- Please be at the FAA flight tower by 0730 on Saturday July 23rd for the start of flight operations. Final times are dependent upon weather conditions. Fred Gorell, NOAA Public Affairs, will meet everyone at the FAA flight tower.
- If the weather cooperates, we expect that it will take all morning and part of the afternoon to shuttle everyone out to the ship.
- Glenn Sheehan at the Barrow Arctic Science Consortium (BASC) will be the onshore contact coordinating the start of helicopter operations with the HEALY via satellite phone/radio/email. He will have the latest information regarding flight times.
- Fred Gorell, NOAA OE Public Affairs Officer, is staying at the King Eider Inn, just across the street from the airport. The phone number at the King Eider is (907) 852-4700. Fred will meet everyone at the FAA Tower
- If you arrive in Barrow early on Friday, we suggest contacting Glenn Sheehan at the Barrow Arctic Science Consortium (BASC) regarding media and/or sightseeing opportunities while in Barrow (e.g. Barrow bowhead whaling captains, North Slope Borough Department of Search and Rescue).

WHAT NOT TO BRING –

- The more luggage and gear brought to Barrow the greater the number of helicopter flights required, and hence less time on board to witness the science operations
- To expedite your arrival on board please minimize any equipment and luggage, particularly heavy gear.
- Please label all luggage and gear with your name, 'HEALY2.5,' and a green tape.
- Due to weight restrictions for helicopter operations, all bags will be weighed prior to boarding the helicopter
- **If any individual is bringing equipment (e.g. cameras, lights, strobes, computers) exceeding 20 lbs please email Jeremy Potter (Jeremy.potter@healy.polarscience.net) with total equipment weight.** Please do not include clothes in your weight calculations. This will expedite the shore-ship transfer process.

WHAT TO BRING

- A towel – Towels are not provided onboard the HEALY.
- Travel Mug/Thermos – You will appreciate having an insulated mug with lid for your morning coffee. If you forget, you can always buy one at the ship's store. Be sure to write your name on it.
- Sunglasses - Sunglasses are definitely needed if you plan on being outside while we're in ice-covered waters.
- Steel toe boots – If you want to be up close while science equipment is being deployed in the water, steel toe boots are required. The HEALY does not have extra boots.
- Checks or cash – There is a ship's store that sells souvenirs as well as great coffee. The store does not accept credit cards.

GETTING YOUR BEARINGS

- You will receive a pager immediately when you arrive on the cutter. The pager system is the quickest and most effective means of contacting anyone onboard. Instructions about how to use the pager will be provided upon arrival.
- Everyone will receive a ship tour, safety briefing, and science briefing soon after arrival.

- The quickest way to find out what is happening and where is to check the 'Board of Lies.' We'll show that to you when you arrive.
- Please feel free to page Jeremy Potter or Dale Chayes if you have any questions/concerns during your stay. If we don't know the answer we will find someone who does.

COMPUTER ACCESS

- There are approximately 5 PC and 3 Mac common-use computers. Several network printers are also available.
- You can also connect your personal laptops to the ship's network via Ethernet or wireless connection. If you plan to use your own computer please make sure that your virus protection software is up-to-date and that you have the most recent Microsoft Security updates!
- You will receive log-in information for the ship network when you arrive.

EMAIL ACCESS

- Your email address will be your **firstname.lastname@healy.polarscience.net**
- Email can be submitted anytime, and will leave the cutter via an Iridium satellite connection to shore shortly after it is sent. Email coming to the cutter will arrive shortly after it is received by our shoreside email servers.
- Emails headed off ship are limited in size. Anything larger than the approximately 100KB size limit will be rejected by the system and a return email sent to the sender stating why. Email sent to other Science Network users on board the ship is not subject to either of these restrictions.
- Large file sizes can be sent to our shore side ftp server and then retrieved by an onshore contact. If this needs to be accomplished, then contact the Science Net Tech or Kelley Elliott, the NOAA Web Coordinator (It may take between 30-60 min to upload a 1MB file to the ftp site.).

SHIP-TO-SHORE AND SHORE-TO-SHIP VOICE COMMUNICATIONS

- Phone connections to and from shore will be dependent upon weather.
- Calling cards can be purchased from the ship's store in order to make calls off of the ship
- If needed, the ship's phone number is (808) 434-4897. A member of the HEALY crew will answer all incoming phone calls and page the recipient.

SHIP SAFETY

- Don't try to carry too much, particularly when walking up and down stairs. Remember the rule: 'One hand for yourself. One hand for the ship.'
- When out on deck, fantail or the starboard working deck, with an instrument/package over the side, a hard hat is required.
- If you are participating in the over the side evolution, a hard hat, steel-toed boots, and a mustang suit are required.
- For crane operations, a minimum of a hard hat and steel toed boots/shoes are required.
- If you need a hard hat or mustang, please ask one of the HEALY Marine Science Technician's (MST) on duty, they will be more than willing to help out. Also, if you have a question as to whether you need the safety equipment, more than likely you do, but if you are still uncertain, please ask an MST.
- Due to ice cover, there is very little wave action and consequently little chance of seasickness.

STATION 15 SCIENCE PLAN – If the weather and equipment cooperate, you will be onboard the Healy for at least part but hopefully for all of the final station of the cruise. This will be a full science station for all science teams. The following is a tentative list of operations planned for Station 15. It may change depending on time available.

- CTD cast
- Multinet cast
- Live nets
- Box core
- ROV benthic dive
- ROV pelagic dive
- *Ice diving
- *Sea ice sampling
- Multibeam mapping
- Marine mammal acoustic survey

The summer sea ice melt is proceeding quickly. The science party's ability to conduct a sea ice-sampling program at Station 15 will be determined by ice condition on site. Upon arrival at Station 15 on July 23, we will access ice conditions and determine if ice station sampling can proceed. If the ice conditions are safe, we expect media to be allowed on the ice.