



## **Kangerlussuaq & Remote Field**

Koni Steffen's field team was pulled-out from the Petermann Glacier on 17 May, concluding their fieldwork. The Kenn Borek Twin Otter pilots planned to return the following day and pull out two cargo loads to Alert, but severe fog rolled in and the forecast called for it to remain all week. The weather was good in Thule, however, so it was decided Thule would be the safest destination. Clearance for aircraft and crew at Thule normally takes 30 days but the Denver office was able to secure permission the Borek Otter to fly to Thule in record time. The following day the field team and necessary cargo flew to Kangerlussuaq with a stop at Thule, Ummannaq, and Swiss Camp along the way.

Bill and Kurt Burnham from the Peregrine Fund arrived in Kangerlussuaq via the 109th to begin their fieldwork. Included in their northbound cargo: live pigeons and a VW van. They had a productive first week with three successful captures. To find out more about the Fund's Greenland work visit: <http://www.peregrinefund.org>.

Two researchers from University of Pennsylvania arrived this week as well. Working on a National Geographic grant, the group, led by Eric Post, is studying musk ox and caribou herds in Greenland to determine the effect of climate change on their demographics. Read about the PI's related NSF work at <http://www.science.psu.edu/alert/Post11-2002.htm>

The Cryosat UK 1 team returned to Kangerlussuaq on Monday and departed for Copenhagen the following day. They will return in August. The UK2 team is still traversing to Summit and as of Sunday morning had made it 2/3 of the way. Read more at: <http://www.esa.int/export/esaLP/cryosat.html>.

After visiting Summit last week, Andy Revkin from the New York Times spent time this week visiting with Kangerlussuaq remote field projects. Read about his trips to Swiss Camp and Summit and find out what exactly the Peregrine Fund does with those pigeons at: <http://www.nytimes.com/pages/science/sciencereport/index.html>

## **Summit**

Summit was busy with three flight days in a row this week. Three new summer crewmembers also arrived this week -- a new cook, manager, and science tech. After the planes left, training with the new staff began. All seem to have settled right in and are very excited to be here. Looks like a great summer crew.

Visit the following web sites for more information about Summit:

!" <http://summitcamp.org>;

!" <http://www.geosummit.org>;

!" <http://summit.unh.edu> or

!" <http://www.ramas.uni-bremen.de/ramastext.html>

## **Raven**

Joe McConnell's Arctic Circle traverse team finished drilling at their third site and traversed back to Raven on Monday. From Raven they went to the nearby ACT1 site where they drilled another shallow core. On Tuesday, four field team members returned to Kangerlussuaq, while the two ICDS drillers remained at Raven to complete a few more holes for the incoming Hawley optical logging project. At the end of the week, the two drillers and their equipment returned to Kangerlussuaq, while Bob Hawley and Gregg Lamorey arrived to begin logging the three sites that the drillers prepared for them.

*Bob Hawley heads into the Science Trench at Summit.  
Photo courtesy of Andy Revkin, NY Times.*

## **Weather**

Fairly mild weather predominated in the Kangerlussuaq area with no major wind and slight precipitation, though moderately warm temps, low clouds and 20+ knot winds from magnetic west brought wet snow to Camp Raven. In northern Greenland foggy weather greatly affected the Petermann pullout plan. Another good week at Summit with clear skies most of the week. The winds were calm all week with an average of 5kts and temperatures averaging -27c in the mornings. In the evenings ice fog and diamond dust filled the Summit skies with pretty halos around the sun.