

# Logistics and Administration *Quarterly Report*



The Aurora Research Institute library book give-away.

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**Date: 1 January to 31 March, 2013**

## Logistics at the Western Arctic Research Centre

The Western Arctic Research Centre (WARC) provides a wide range of support to researchers on a year-round basis. Support is also provided to the communities surrounding Inuvik, businesses, and educational institutions.

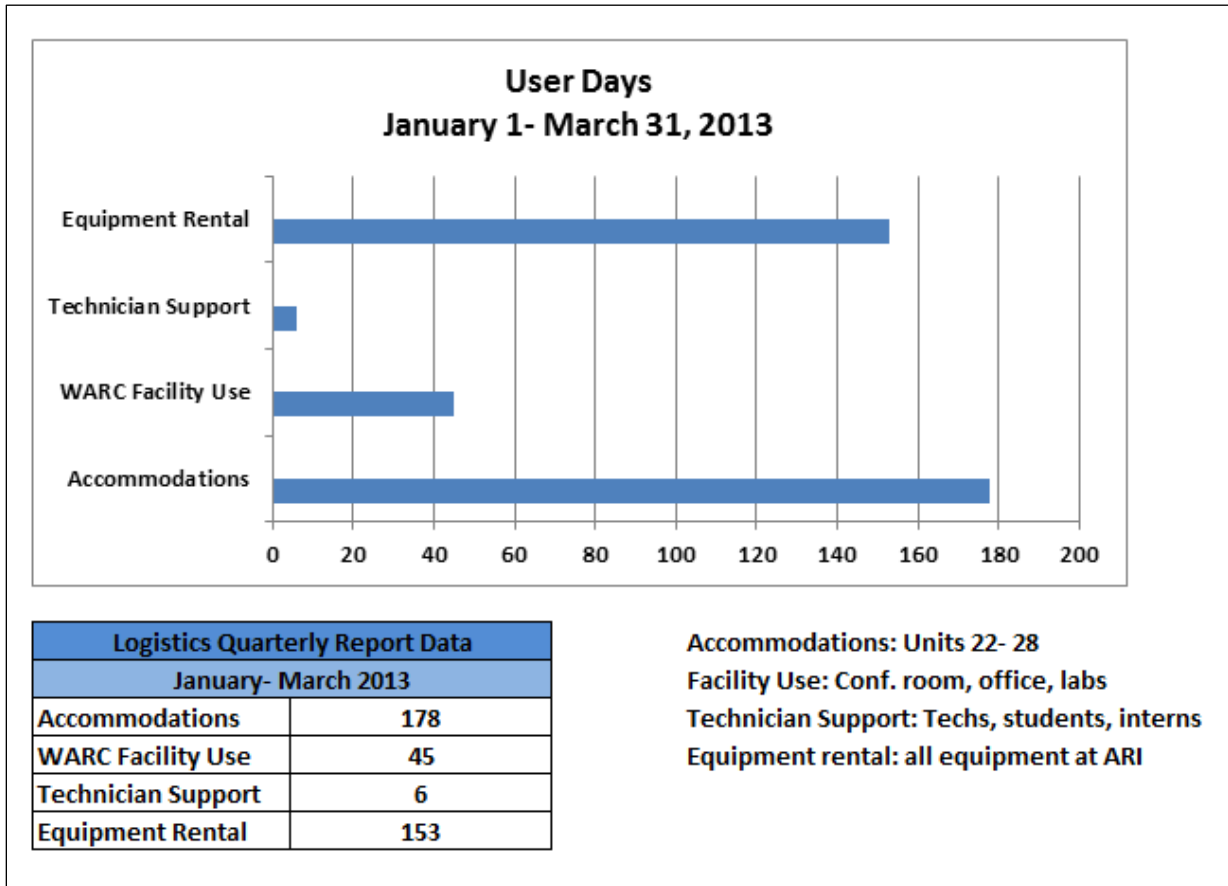
WARC provides housing to researchers at a low cost. Each house includes a full kitchen, bath, laundry services, a living room and six beds. Other features include basic cable television, wireless internet, and a front deck with a barbeque. Rates include daily, weekly and monthly fees, which vary depending on user category (students, Canadian users, and non-Canadian users).

We have a large selection of equipment that is also provided year-round. Big items include, but are not limited to, boats, snow machines, and toboggans. Smaller items include, but are not limited to, tents, augers, and frost depth probes. Our facility provides a great space for research. We have a shared research office space with up to 10 individual desk spaces. We have three labs, which include a Clean Lab, a Dirty Lab and a Wet Lab. We have a classroom, which is used quite often. And lastly, we have two meeting spaces: a large conference room and a smaller meeting room.

WARC supports many user groups throughout the year. Our facility provides a variety of resources to all researchers and groups working in the western Canadian arctic, and in the communities surrounding Inuvik. We provide in-kind support to groups and individuals on a regular basis as a way to give back and provide support for their work.

## User Days of Support

I created a graph to record the number of user days of equipment rental, accommodations, facility use, and technician support (which included requests for assistance from both technicians, as well as two casual staff; **Figure 1**). For equipment, the total number of user days from January 1 to March 31, 2013, was 153. For technician support, the total number of user days was 6. For WARC facility use, the total number of user days was 45. For accommodations from January 1 to March 31, 2013, the total was 178 user days.



**Figure 1:** The number of user days for equipment rental, accommodations, facility use, and technician support from January 1 to March 31, 2013.

**Activities of Note**

From January 1 to March 31, 2013, a number of events took place at WARC. A total of 20 requests were submitted for logistical support (Figure 2). During this time a lot of groups and individuals passed through our facility, making use of the resources that we offer. People from all around the world come to WARC and then branch out to conduct research on the Mackenzie Delta and other locations across the western arctic.

### General Logistics Support

January 1- March 31, 2013

	Principal Researcher	Affiliation	ARI Support
1	Linda Todd	Arctic Energy Alliance	Accommodations
2	Ken Baigent	Arctic Energy Alliance	Accommodations
3	Steve Kokelj	AANDC	Accommodations
4	Wayne Horowitz	Hebrew University	Accommodations and Large Conference Room
5	John Mioduszewski	Rutgers University	Accommodations, winter gear
6	Dr. Philip Marsh	Environment Canada	Accommodations
7	Leanne Robinson	Arctic Energy Alliance	Accommodations
8	Michael Fabijan	Kavik- Stantec Inc.	Accommodations, Teaching Lab
9	Chris Derkson	Environment Canada	Accommodations, Equipment, winter gear
10	Philip Marsh	Environment Canada	Access to warehouses
11	Oliver Sonnentag	Universite de Montreal	Accommodations
12	Stephen Outlet	Arctic Energy Alliance	Accommodations, Classroom
13	Chris Derkson	Environment Canada	Accommodations
14	Trevor Lantz	University of Victoria	Accommodations
15	Chris Burn	Carleton University	Accommodations, equipment, tech. support
16	Brendan O'Neill	Carleton University	Accommodations, equipment
17	Michelle Cote	Canada- Pacific	Accommodations
18	Chris Derksen	Environment Canada	Accommodations, equipment, winter gear
19	Donald Andre	Arctic Energy Alliance	Classroom Use
20	Steve Outlet	Arctic Energy Alliance	Accommodations

**Figure 2:** Logistical support provided by WARC between January 1 and March 31, 2013.

#### **Public Presentation by Wayne Horowitz**

Below is a report by Erika Hille, Lab Coordinator, on Wayne Horowitz's visit to WARC:

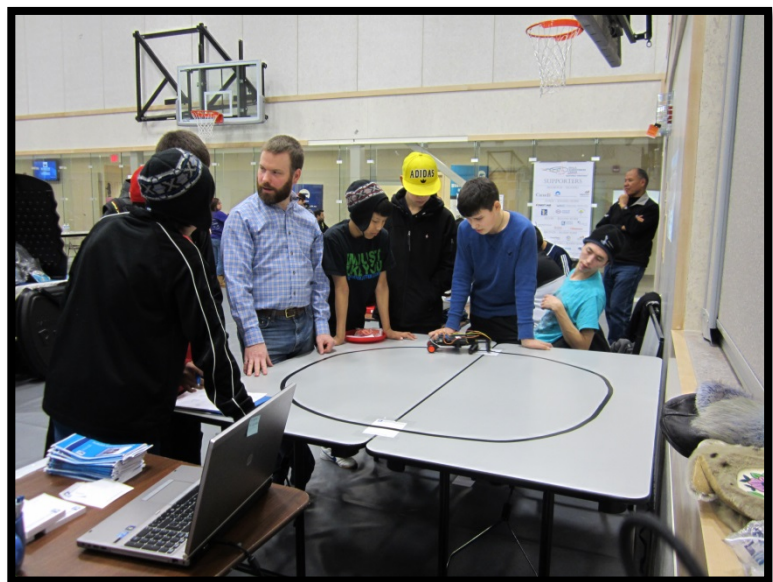
"Dr. Wayne Horowitz is a professor from the Hebrew University in Jerusalem, Israel. He's an Archaeologist whose focus is on Ancient Near Eastern (Sumerian and Akkadian) literature, religion, mythology, science, and astronomy. On February 7, 2013, Dr. Horowitz gave a public presentation at WARC in Inuvik, which was entitled "Stars Over Inuvik." It discussed his ethno-astronomy project, which examines the traditions of the First Peoples of northern Canada and the peoples of Ancient Mesopotamia. More specifically, he's investigating oral traditions in northern Canada about the stars. Dr. Horowitz gave an interview with CBC North Radio, where he announced the presentation. In advance of the presentation, WARC staff also advertised the event by putting up posters on public bulletin boards around town, as well as posting notices on the ARI Facebook page and the rolling channel on the community station. Additionally, emails were sent out to community members. Two WARC staff members facilitated the presentation. Attendees were offered coffee, tea, juice, and cookies. There were approximately 10 to 15 attendees in total. The presentation was followed by a lengthy discussion, driven by questions from interested community members. Notably, a few community members exchanged contact information with Dr. Horowitz, in order to participate in the project in upcoming years."



Jolene Lennie showing the high school students how to take a water sample.

### ***East 3 Secondary School Career Fair***

The Aurora Research Institute (ARI) was invited to participate in the East 3 Secondary School Career Fair on 22 February. We participate annually, and were happy to speak with the students and recruit for ARI. The main purpose of the career fair was to tell the students what we do at ARI. This year, ARI had a display that let the students engage in different types of testing done in the field or lab. There was a water filter set that the students could use to filter a water sample. There was a jar filled with water, so that the students could guess how much snow was melted to give that volume of water. This taught the concept of density, and how snow and water are the same substance in different forms with very different densities. The students were asked to use litmus paper to determine which of two solutions was acidic and which was basic. Finally, there was a robotic vehicle assembled by Matthew Dares. He told the students how it worked and explained how to build your own. All in all it was a great success, and we were pleased with the outcome.



Matthew Dares showing the high school students his robotic car.

### ***East 3 Science Fairs and Historica Fair***

WARC and ARI sent multiple employees to be judges at the elementary and secondary school science fairs, and the elementary school Historica Fair, all held at the East Three School.

### ***Western Arctic Research Centre Book Give Away***

In early 2013, the WARC library staff decided the collection needed thinning to remove unnecessary items and to regain shelf space. The total number of items removed from the collection was approximately 1400, and WARC was able to give away over half of these items.

During the first few weeks of February 2013, the disposal list was offered to local libraries, then to libraries within Aurora College, then to a consortium of libraries in northern Alberta. After the library requests were filled, the remaining items were displayed in the WARC classroom. Staff members from ARI, Aurora College and the Learning Centre were admitted to browse the collection. Finally, WARC held a book giveaway for the public for three days during the last week of March.

Books were distributed to approximately 21 libraries, 3 College staff, 8 ARI staff and 25 members of the public.