

Please review the following information to ensure accuracy. When finalized, this plan will be an agreement between CH2M HILL Polar Services (CPS), and your group, documenting the logistics support you will receive.

PROJECT INFORMATION

Lead Principal Investigator	Meghan Miller
Institute	UNAVCO
Project Title / Grant #	UNAVCO Community and Facility Support: Geodesy Advancing Earth Science Research (0735156)
NSF Program and Manager	US\Federal\NSF\GEO\EAR, Dr. Russell Kelz
PFS Project Manager	Steve Hastings

LOGISTICS SUMMARY

This grant continues a Cooperative Agreement first operating under grant 0321760 from 2003 to 2008. Via this funding mechanism, UNAVCO provides a variety of GPS support to NSF-funded scientists, including maintenance of GPS base stations in Alaska at Toolik Field Station, and at Barrow on the North Slope. UNAVCO maintains a base station and differential GPS survey equipment at Summit Station, Greenland as well.

This plan focuses on activities at Barrow, Alaska. For each year of the grant a UNAVCO researcher will make a one-week site visit to Barrow to calibrate and maintain the installations and to train on-site staff and researchers. In 2009, the technical visit is scheduled in early to mid June.

CPS is working with BTS Professional Services (BTSPS) and other local organizations to provide lodging, meals, lab space, vehicles, and safety gear. BTSPS has engaged the Barrow Arctic Science Consortium to provide on-the-ground support in Barrow.

For the complete CPS online project record for this grant, including science objectives, go to:
http://www.polar.ch2m.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=0735156

OUTSTANDING ACTIONS AND NOTES

Issue	Responsibility	Date Completed / Comment
Review and confirm approved NSF scope	PI	
Visit all hyperlinks and review all documents referred to in the support plan	Field Team Members	
Apply for all necessary permits for fieldwork	PI	
Contact all appropriate local/community organizations	PI	
Make housing reservation and select meal plan at least 3 weeks prior to desired arrival date	Field Team Members	Complete
Identify project POC for planning process & for field deployments	PI	Complete -Pettit
Note: Researchers should plan to bring phone cards to pay for long distance service in Barrow.	Field Team Members	

APPROXIMATE FIELD DATES

For the most up to date info for upcoming work, see the online reservations sheet.

Trip	Dates	POC
June	6/8-6/13	Pettit

ALLOCATIONS AND SERVICES

The below tables describe the NSF-approved support scope for your project. Your support will be managed to the allocation levels shown in the column labeled "QTY" in the following tables. Requests to exceed this scope will require NSF approval. The 2009 Scope Management Policy is available here:

<http://www.arcticscience.org/pdf/BarrowScopePolicy.pdf>

Barrow Housing & Meals

Support	Description	Unit	QTY	Request	Comment
Lodging/meals	June	Days	5	5	Pettit

All team members should familiarize themselves with the 2009 Housing / Reservations Policy and the 2009 Meals policy at their earliest convenience. The complete policies can be found online at:

- <http://www.arcticscience.org/pdf/barrowreservationhousingpolicy.pdf>
- <http://www.arcticscience.org/pdf/barrowmealpolicy.pdf>

Make housing reservations and select a meal plan at least 3 weeks prior to your arrival date. The reservations form is available here:

<http://spreadsheets.google.com/viewform?hl=en&formkey=cDcxU2ZhNmI0dy1mZ0FYQnNhLTiiUIE6MA..>

Confirmed reservations can be viewed here:

<http://spreadsheets.google.com/pub?key=p71Sfa6itw-fgAXBsa-9bRQ>

Lab Space

Support	Description	Unit	QTY	Request	Comment
Lab/office	GPS base station in library shelves for equipment and outside antenna tower	Days	365	365	Year-round

Vehicles

Support	Description	Unit	QTY	Request	Comment
N/A					

Field Equipment Inventory

Support	Description	Unit	QTY	Request	Comment
N/A					

Information Technology

Support	Description	Unit	QTY	Request	Comment
DGPS	Schedule the use of the DGPS units	days	3	3	Brad Heaston estimates 3 days per year to accomplish task
DGPS	Remote emergency troubleshooting with UNAVCO		As needed		

Guides, coordinators, and community participants

Support	Description	Unit	QTY	Request	Comment
N/A					

Other Services

Support	Description	Unit	QTY	Request	Comment
N/A					

For expense reimbursements please contact Dana Moudra Truffer in the Alaska office. See Project Contact Information, below.

Permits

Support	Description	Unit	QTY	Request	Comment
UIC permits	1 per individual	Ea.	1	1	Needed to access BEO and other UIC owned property

RESEARCH TEAM INFORMATION

Role	Name	Email	Phone / Fax
Principal Investigator	Meghan Miller	Meghan at unavco.org	303.381.7514
Co-PI	Bjorn Johns	bjorn at unavco.org	303.381.7470/303.381.7451
Co-PI	Charles Meertens	chuckm at unavco.ucar.edu	303.497.8011
POC	Joe Pettit	Pettit at unavco.org	303.381.7615

PROJECT CONTACT INFORMATION
BASC/CPS Team Members

Contact for	Name	Email	Primary Phone(s)
Barrow science support contract oversight – BTSPS	Rex Snyder	Rsnyder at lcfm.com	907.227.1924 (c)
Program Development - BASC	Glenn Sheehan	basc at arcticsscience.org	907.852.4881 (v) 907.367.3815 (c)
New science requests, scope changes to existing requests - CPS	Steve Hastings	steve at polarfield.com	907.852.0904 (v) 907.388.0565 (c)

Lodging and lab assignments - BASC	Bryan Thomas	bryan.thomas at arcticsscience.org	907.852.0903 (v) 907.367.3797 (c)
Station Management, Vehicles, Field Equipment, Temporary Labor - BASC	Lewis Brower	lewis.brower at arcticsscience.org	907.852.0905 (v) 907.367.3813 (c)
IT Support - BASC	Brad Heaston	brad.heaston at arcticsscience.org	907.852.0902 (v) 907.367.3836 (c)
Meal Expense Reimbursements - CPS	Dana Truffer Moudra	dana at polarfield.com	907.455.4271 (v) 907.388.2498 (c)

Offices

Barrow/BASC	Fairbanks/CPS	Denver/CPS
BASC 360 NARL Street Room L-206, Box 577 Barrow, AK 99723 Tel: 907.852.4881 Fax: 907.852.4882	CH2M HILL Polar Services Alaska Office 2325 King Road Fairbanks, AK 99709 Tel: 907.455.4214 Fax: 907.455.4126	CH2M HILL Polar Services Western Office 8110 Shaffer Parkway, Suite150 Littleton, CO 80127 Tel: 303.984.1450/1439 Fax: 303.984.1445