

Please review all of the following information, including the gear allocations and field team members, to ensure accuracy. This plan is an agreement between VPR and your group, documenting the logistics support you will receive.

• Project Information •

Lead Principal Investigator	Dr. Sivaprasad Gogineni
Institute	University of Kansas, Electrical Engineering and Computer Science
Project Title / Grant #	ITR/SI+AP: A Mobile Sensor Web for Polar Ice Sheet Measurements (0122520)
NSF Program and Manager	NSF/OPP AG, Dr. Julie Palais
VPR Project Manager	Robin Abbott

• Logistics Summary •

<p>This project is developing vehicle-mounted synthetic aperture radar for use in measuring polar ice sheets. This season a group of 7 will visit Summit for approximately three weeks starting in mid-July. Their experimental goal is to image the ice bed between GISP and GRIP cores in conjunction with the wideband depth sounder and accumulation radars. The team will ship most of the same equipment as in 2004, with the exception of Marvin, the Rover. They hope to complete their measurements by then end of July, but if that is not possible then they will stay on into August.</p> <p>VPR will coordinate Air National Guard travel, cargo movement, and medical clearance for the team. Once at Summit they will be allocated a weatherport to work in as well as generators and equipment to use.</p> <p>Summit's Science Coordination Office (SCO) has provided guidance on working in the vicinity of the 'clean air' zones. Upon arrival at Summit project members will meet with the camp manager and station science technicians to fine-tune their plan and determine the best routes to use that are close to camp.</p> <p>The SCO has also provided guidance on the project's request for accessing the GISP2 borehole with a downhole sphere. It is very important that the hole stays open for the future of logging operations. An Ice Core Working Group ad hoc committee was formed for consultation on this issue, and have decided to allow access to the borehole with the stipulation that if the down hole tool gets stuck, nothing else is lowered down the hole without contacting the committee.</p>
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For the complete VPR online project record for this grant, including science objectives, go to:
http://www.vecopolar.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=0122520

• Outstanding Issues •

Issue	Responsibility	Date Completed
Review support plan for accuracy and distribute to all field team members	PI	
Obtain all necessary permits for fieldwork	PI	
Visit all hyperlinks and review all documents referred to in the support plan	Field Team Members	
Contact the GEOSummit Science Coordination Office (SCO) sco@geosummit.org regarding your project's plans for the season	PI	10 May, 2005
Medical Clearance completed 8-6 weeks before desired deployment date	Field Team Members	1 June, 2005
Please note this important information for your field team: Bring 2 different forms of picture ID. Passports are now mandatory for entry into Greenland. Be sure to pack them!	Field Team Members	
Complete Critical Success Factors	PI	Done

• Allocations & Services •

Allocations from Inventory

Quant/Unit	Item	Comments
1 ea	Weatherport space will be allocated for work space and housing equipment	Same as last year (half of large Weatherport)
1 ea	Arctic Oven tents, 8 x 8	For female team member's sleeping accommodations
1 ea	Weatherport space	Allocated for 6 field team members to sleep in.
7ea	Sleeping Pads	
2 ea	Generators - 1000 kw	
2 ea	Generators - 2000 kw	
7 ea	Chairs	
6 ea	Tables	Either 6ft or 8 ft will be provided
1 ea	Tracked vehicle	Tucker Snocat
2 ea	Sleds to pull behind snowmobiles	
2 ea	Snowmobiles	From Summit fleet
3 ea	VHF radios	Provided from Summit inventory
Qty	Mechanical assistance when necessary	Provided from the Summit staff

• Location Information •

Please visit <http://www.vecopolar.com> and navigate to the Greenland menu for en route and location-specific Greenland information. Prior to deployment, your entire field team should be familiar with the content of the *Greenland Guide* and, if traveling to Summit, with the guidelines provided in the *Summit Users' Guide*. Both are available electronically via our web site's Greenland menu.

• Cargo and Customs •

All cargo required for your project should arrive in Scotia, NY no later than 2 weeks prior to the desired northbound Air National Guard (ANG) flight, must be entered into our online Cargo Tracking System, and must be properly registered with customs.

- For the most current ANG flight schedule got to <http://www.vecopolar.com> and navigate to Greenland > Calendars/Schedules.
- For Customs requirements refer to the *Greenland Guide*, available at <http://www.vecopolar.com> under Greenland.

The following is our current understanding of your overall cargo requirements:

Cargo

A U-Haul truck carrying the team's cargo arrived in Scotia on Tuesday afternoon, 28 June. Two team members accompanied the shipment and assisted with the palletization of the team's cargo, estimated at 5600lbs. This cargo fit on a single pallet and will not be combat offloaded at Summit.

• Support Schedule •

June 28	Cargo arrives Scotia
July 11	Field team personnel x 7 and cargo fly to Kangerlussuaq via 109 th
July 12	Field team personnel x 7 and cargo fly to Summit
July 26, 28 or	Field team personnel x 7 and cargo flys from Summit to Kangerlussuaq (may leave

Aug 9,11	in August if objectives are not met by July timeframe
July 30 or Aug 13	Field team personnel x 7 and cargo fly from Kangerlussuaq to Scotia, NY

• Field Team Information •

Name	Location	Date In	Date Out	Email
Akins, Torry	Kangerlussuaq	7/11/2005	7/30/2005	
Akins, Torry	Summit	7/12/2005	7/28/2005	takins@itc.ku.edu
Braaten, David	Kangerlussuaq	7/11/2005	7/30/2005	
Braaten, David	Summit	7/12/2005	7/28/2005	braaten@ku.edu
Jayaraman, Gunashekar	Kangerlussuaq	7/11/2005	7/30/2005	
Jayaraman, Gunashekar	Summit	7/12/2005	7/28/2005	
Kanagaratnam, Pannirselvam	Kangerlussuaq	7/11/2005	7/30/2005	panaga@itc.ku.edu
Kanagaratnam, Pannirselvam	Summit	7/12/2005	7/28/2005	
Mullenberg, Kirby	Kangerlussuaq	7/11/2005	7/30/2005	
Mullenberg, Kirby	Summit	7/12/2005	7/28/2005	
Paden, John	Kangerlussuaq	7/11/2005	7/30/2005	paden@itc.ku.edu
Paden, John	Summit	7/12/2005	7/28/2005	
Rink, Timothy	Kangerlussuaq	7/11/2005	7/30/2005	
Rink, Timothy	Summit	7/12/2005	7/28/2005	

• Project Contact Information •

Research Team

Role	Name	Email	Phone / Fax
Principal Investigator	Dr. Sivaprasad Gogineni	gogineni@eecs.ku.edu	785-864-8800/
Co-PI	Dr. Chris Allen	callen@eecs.ku.edu	785-864-8801/
Co-PI	Dr. David Braaten	braaten@ku.edu	785-864-3801/785-864-5262
Logistics Coordinator	Kelly Mason	kmason@itc.ku.edu	785-864-7761/785-864-7789

VPR Team Members

Contact for	Name	Email	Primary Phone(s)
Greenland operations	Robin Abbott	robin@polarfield.com	Denver: 303.748.8507 Greenland: 011.299.524218
Greenland operations	Mark Begnaud	mark@polarfield.com	Denver: 720.320.6160 Greenland : 011.299.524281
Medical & MAS	Jason Buenning	jason@polarfield.com	Denver: 303.638.6669
Denver operations	Jill Ferris	jill@polarfield.com	Denver: 720.320.6155
Scotia Operations & Customs	Earl Vaughn	earl.vaughn@nyscot.ang.af.mil vprscotia@direcway.com	Scotia: 518.331.3103

VPR Offices

Denver	Kangerlussuaq	Scotia	Summit
VECO Polar Resources 8392 S. Continental Divide Rd. #104 Littleton, CO 80127-4268 Tel: 303.984.1450/1439 Fax: 303.984.1445	VECO Polar Resources Attn: Name of Employee/Researcher Postboks 1015 DK-3910 Kangerlussuaq, Greenland Tel: 011.299.841598 Fax: 011.299.841599	Earl Vaughn C/O 109 th Aerial Port Bldg. 20 Stratton Air Base Scotia, NY 12302-9752 Fax: 518.884.2904	VECO Polar Resources Attn: Name of Employee/Researcher Postboks 1015 DK-3910 Tel: 321.953.9650 Fax: 321.953.9651

Other

Organization	Internet	Phone
Summit Science Coordination Office	http://www.geosummit.org sco@geosummit.org	N/A

• Safety, Environment, Health, and Permitting •

Permits

Please refer to VPR's *Greenland Guide*, available at <http://www.vecopolar.com> under Greenland, for information about permits required to conduct fieldwork in Greenland.

Medical Clearance

Arctic Program participants traveling into the Greenland field are generally required to pass a National Science Foundation (NSF) mandated physical exam. All field team members should plan to complete their medical clearance process 8-6 weeks prior to their travel to Greenland. For more information refer to VPR's *Greenland Guide*, available at <http://www.vecopolar.com> under Greenland.

• Critical Success Factors •

Please list the support factors that are most important for the success of your science. We track these factors in order to measure the success of VPR's support.

Factors
Technical support
Facilities to assemble, test, and debug equipment
Transportation
Communications

• Government Performance and Reporting Act of 1993 (GPRA) •

NSF/OPP requires your help in complying with the Government Performance and Reporting Act of 1993 (GPRA). One measure of VPR's performance is a "facility-performance metric" which counts the number of productive days your project has in the field while relying on VPR facilities or support. Please keep track of any "lost days" and report these to us at the end of the season.