

**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 •

<b>Lead Principal Investigator</b>	Winfried Hanka
<b>Institute</b>	GeoForschungsZentrum Potsdam, GEOFON Program
<b>Project Title / Grant #</b>	GEOFON (GEOFOrschungsNetz - Geo Research Network) (DESeismic)
<b>NSF Program and Manager</b>	Intl - GFZ Potsdam, Mr. Simon Stephenson
<b>VPR Project Manager</b>	Sandy Starkweather

• Logistics Summary •

<p>This project conducts broadband seismological recording of global earthquakes at Summit, Greenland. Formerly a part of the temporary GLATIS network, it has now been turned over to GFZ Potsdam and become a member of that institute's GEOFON network.</p> <p>A GFZ researcher will visit Summit Station annually to service and maintain the project's seismological station. In 2002, in addition to the scheduled maintenance, the team members installed an upgraded datalogger for the seismological station and a "Seiscomp" box that connects the station to the Summit LAN for Internet real-time data transmission when the station's LAN is running. In 2004, another major station upgrade was carried out to overcome technical problems and to minimize required local support. In the out years, a technician will return to Summit as needed to conduct minor maintenance on the seismometer.</p> <p>VPR will provide infrastructure and science technician support at Summit Station for the year-round experiment.</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=DESeismic](http://www.vecopolar.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=DESeismic)

• 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	April 25, 2006
Contact the GEOSummit Science Coordination Office (SCO) <a href="mailto:sc@geosummit.org">mailto:sc@geosummit.org</a> regarding your project's plans for the season	PI	
<b>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!</b>	Field Team Members	
Complete Critical Success Factors	PI	April 25, 2006

• Allocations & Services •

**Allocations from Inventory**

Quant/Unit	Item
1 ea	Arctic Oven tents 8' x 8' for sleeping
2 ea	Thermarests or pads for sleeping in the tents
1 ea	Wireless network access cards

**Other Services**

Project Allocations	Comments
Excavation	A VPR staff member will assist the field team member with excavating the seismometer bunker. Shovels and bamboo will be provided to the field team.

• 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 go to <http://www.vecopolar.com> and navigate to Greenland > Calendars/Schedules.
- ✓ If you are a new user requiring access to the Cargo Tracking System, contact Robin Abbott ([robin@polarfield.com](mailto:robin@polarfield.com)).
- ✓ Customs instructions are available on our website at <http://www.vecopolar.com> (go to Greenland > Customs)
- ✓ For Customs requirements please refer to the *Greenland Guide*, also available at <http://www.vecopolar.com> under Greenland.

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

**Cargo List**

Items	Weight/Cube
No cargo other than hand carry	

• Support Schedule •

Date	Location	Activity
05/08/06	Kangerlussuaq	Field member arrives in Kangerlussuaq via comm.-air from Europe
05/09/06	Summit	Field member arrives at Summit
05/09 – 05/10	Summit	Field member excavates trench with staff assistance, replaces computer, services installation, reburies trench
05/11	Summit	Field member leaves Summit
5/12	Kangerlussuaq	Field team member leaves Kangerlussuaq for the West coast of Greenland to service another seismic station.
5/18	Kangerlussuaq	Field team member returns to Kangerlussuaq from the West coast.

05/19	Kangerlussuaq	Field member leaves Kangerlussuaq
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## • Field Team Information •

Name	Location	Date In	Date Out	Email
Wylegalla, Kurt	Kangerlussuaq	05/08/06	05/11/06	<a href="mailto:wyle@gfz-potsdam.de">wyle@gfz-potsdam.de</a>
Wylegalla, Kurt	Summit	05/09/06	05/11/06	
Wylegalla, Kurt	Kangerlussuaq	05/18/06	05/19/06	

## • Project Contact Information •

### Research Team

Role	Name	Email	Phone / Fax
Principal Investigator	Winfried Hanka	<a href="mailto:hanka@gfz-potsdam.de">hanka@gfz-potsdam.de</a>	331 288-1213 /

### VPR Team Members

Contact for	Name	Email	Primary Phone(s)
Greenland operations	Robin Abbott	<a href="mailto:robin@polarfield.com">robin@polarfield.com</a>	Denver: 303.748.8507 Greenland: 011.299.524218
Greenland operations	Mark Begnaud	<a href="mailto:mark@polarfield.com">mark@polarfield.com</a>	Denver: 720.320.6160 Greenland: 011.299.524281
Summit operations	Sandy Starkweather	<a href="mailto:sandy@polarfield.com">sandy@polarfield.com</a>	Denver: 303.518.8714
Denver operations	Jill Ferris	<a href="mailto:jill@polarfield.com">jill@polarfield.com</a>	Denver: 720.320.6155

### VPR Offices

Denver	Kangerlussuaq	Scotia	Summit
VECO Polar Resources Western Office 8110 Shaffer Parkway Suite 150 Littleton, CO 80127 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 <sup>th</sup> 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
Medical Advisory Services	<a href="http://www.mas1.com">http://www.mas1.com</a>	410.257.9504 410.257.9505 410.257.9506
Summit Science Coordination Office	<a href="http://www.geosummit.org">http://www.geosummit.org</a> <a href="mailto:sco@geosummit.org">sco@geosummit.org</a>	John Burkhart 209.658.7142

## • 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 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. Examples might be the availability of the helicopter or camp gear.

<b>Factors</b>
None, because of exchange of some devices only and no new installations.

• 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.