

Please review all of the following information, including the gear allocations and field team information, 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. Konrad Steffen
Institute	University of Colorado, Boulder, Cooperative Institute for Research in Environmental Sciences
Project Title / Grant #	Greenland Climate Network (GC-Net) (NASA/NSF)
NSF Program and Manager	Other Agency - NASA, Dr. Seelye Martin
VPR Project Manager	Jason Buenning

• Logistics Summary •

In 1995, the PI began installing a network of Automated Weather Sites (AWS) on the Greenland ice cap. Each year since then, a team of four to five travels to the project's sites via Twin Otter for maintenance, repairs, and upgrades. Additionally, the team tent-camps at Swiss Camp for several weeks to conduct more intensive measurements related to the state of the ice sheet. These include monitoring ablation in the Jakobshavn region (in collaboration with Dr. Jay Zwally [NASA-GSFC]); measuring accumulation variability, mass transfer, and surface energy balance, and, new in 2007, installing an array of 10 seismic monitoring instruments to measure small quakes under the Jakobshavn glacier.

Major 2007 activities include:

AWS Maintenance

The researchers will maintain the automatic weather station network. In the north, they will service the Petermann ELA stations as part of the NSF/NASA supported field activities. A team of 5 will visit the new NEEM AWS to download the data for the new deep ice core camp. Further, they will service GITS along the northwestern part of the ice sheet, as well as the AWS sites NGRIP and Summit in the dry-snow region. While at Swiss Camp, the team will service the profile JAR2, JAR1, CU/ETH, and Crawford 1. In the southern part of the ice sheet a team of 4 will service the DYE-2, Saddle, NASA SE, and Saddle to reactivate the satellite transmitter, download the data and collect snow stratigraphy information. The AWS support flights are shown in the map (see appendix). VPR note: Though this is a NASA project, NSF provides 50% of the logistics funding support for this project.

GPS Network Maintenance

The research team will continue the effort to monitor ablation along a transect from Swiss Camp to the ice margin. The Swiss Camp team will service the GPS network in collaboration with Dr. Jay Zwally (NASA-GSFC) and will add two new GPS monitoring stations in the Jakobshavn region. They will continue to collect high-resolution surface topography data using Trimble Pathfinder differential GPS measurements along several transects in the lower ablation region. In addition, they will acquire a set of sequence Landsat TM satellite imagery during the onset of melt and the melt period to monitor the spatial variation and extent of snow fields in the ablation region."

Ground Penetrating Radar

This project has collected a number of ground penetrating radar (GPR) profiles along the western slope of the ice sheet (Jakobshavn and Kangerlussuaq region) in previous field seasons (1999, 2000, 2003). Data analysis showed that the accumulation could vary up to 40% between the trough and the ridge of the undulation. (Surface topography with scale length of several kilometers plays an important role for the spatial variability of accumulation, mass transfer, and surface energy balance.) The team will repeat some of these GPR measurements during the spring 2007 field season along the same profiles to verify the recent accumulation changes and high percolation events in that region.

Seismic Monitoring

In spring 2007 (later April and May) researchers will install ten seismic receivers in areas of seismic activity based on the 2006 data. The researchers will install a semi-permanent base station at Swiss Camp, and two stations on bedrock to the north and south of the Jakobshavn Glacier ice front. The team intends to use a flight of opportunity (helicopter flight with media exchange at Swiss Camp).

Summit Borehole Experiment

This experiment aims to obtain temperature profiles within the upper ~100 m of the Greenland ice sheet surface for the purpose of reconstructing multi-decadal to century scale surface temperature history. In order to achieve this, hourly monitoring of the temperature profile for multiple (1~3) years is required. Data collected at the site will be transmitted using the ARGOS system; no revisit to the site is necessary. The experiment will utilize a borehole that already exists near Summit (Hastings/Steig 103 m hole). A chain of temperature sensors (Platinum Resistance Thermometers) will be lowered and the hole will be back-filled. A Steffen PHD student will spend approximately one week at Summit in May, traveling to and from the station via Kangerlussuaq. This work is being done as part of Ted Scambos' NSF funded grant (0538103), part of the Mary Albert-led collaboration in the Norwegian/US IPY Troll Station>South Pole traverse.

Media Visitors

In addition to science research, the PI will host a number of national and international media outlets interested in the project (additional information about these visitors is found in Appendix 4). VPR will provide some camping equipment. These groups will make their own arrangements and pay for all expenses associated with their visits; as needed, VPR may assist these teams as they make their plans.

For 2007,

--VPR support includes arranging ANG and charter air travel and lodging for both the NSF-supported (50% of AWS work and Summit borehole visit) and cost-reimbursable (all other NASA work) portions of their fieldwork. VPR also provides some camping gear (including some for media visitors), fuel, and communications/safety equipment.

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=NASAAWS

• Outstanding Issues •

Issue	Responsibility	Date Completed
Review support plan for accuracy and distribute to all field team members	PI	2-25-07
Obtain all necessary permits for fieldwork	PI	PI has submitted
Visit all hyperlinks and review all documents referred to in the support plan	Field Team Members	2-25-07
Contact the GEOSummit Science Coordination Office (SCO) mailto:sco@summitcamp.org regarding project's plans for the season	VPR's Starkweather	3/22/07
<ul style="list-style-type: none"> - Provide cost estimate for billable support - Develop a Purchase Order with VPR prior to field work - Provide bill for actual support 	VPR PI VPR	
Please note this important information for your field team: Bring 2 different forms of picture ID. Passports are mandatory for entry into Greenland.	Field Team Members	
Complete Critical Success Factors	PI	2-25-07

• Allocations & Services •

Allocations from Inventory

Southern & Northern AWS Traverse

Quant/Unit	Item	Comments
1ea	Coleman Stove	
1gallon	Coleman fuel	
1ea	Kitchen box	5 person kitchen box
3	Iridium phones	Need one data port
2	Snow shovels	Will return in after AWS tour
1ea	Medical First Aid Kit, Remote	
1ea	Jiffy drill	With (3) 1 meter extensions

Swiss Camp Project

Quant/Unit	Item	Comments
4	Arctic Oven tents	For media visits and additional crew, will provide more than 4 if possible
6	Sleeping Bag	For media visits
6	Sleeping Pad	For media visits
6	Cots	For media visits
6	Sleeping bag fleece liner	For media visits
3	Iridium phones	Same ones from AWS traverse
1ea	Medical First Aid Kit, Remote	Same one from AWS traverse
3 ea	Gasoline/Benzine – 55 gal drum	Need for put-in
6 ea	Propane (100 lb cylinder– European)	During pull-out flight
2 gallons	Two-cycle oil for skidoo fuel mix	
4 ea	12 oz synthetic chain case oil	For new skidoo
1ea	Electric Jack Hammer	

For more information on satellite phones, radios, manuals and other field communications support, please visit the VPR communications website at <http://vpr.sri.com>.

With the exceptions noted below, NSF supports 50% of the AWS work and the Summit borehole visit. The other NASA-funded work is cost-reimbursable on a direct-bill basis. Please see Appendix 5 for an estimated cost.

Other Services

Project Allocations	Comments
Arrange clearances for 109 th flights	
Arrange clearances for entry into Thule AFB	
User days in Kangerlussuaq-KISS	4 persons April 22-23 1 person April 25 5 persons April 26-27 4 persons May 2-3 5 persons May 6 1 person May 9-10 4 persons May 18 4 persons June 6-8
Arrange AirGL Twin Otter support for Southern & Northern AWS traverse and Swiss Camp Put-in, April 24-May 7	See Appendix 1 for a detailed air support schedule
Arrange lodging in Qaanaaq ~April 28-29 for Steffen + 4, and 3 person Twin Otter crew	
Arrange lodging at North Star Inn, Thule ~April 30 for Steffen + 4, and 3 person Twin Otter crew	

Arrange lodging in Narsarsuaq ~April 25 for 3 person Twin Otter crew	Steffen +3 will camp at S Dome weather permitting
Arrange lodging at Summit Camp ~May 1 for Steffen + 4, and 3 person Twin Otter crew plus May 7-17 Muto visit	VPR doesn't charge for user days for NASA part of the work.
Arrange lodging at Hotel Hvide Falk in Ilulissat ~May 7-18 for Yvonne Garcia.	Though VPR will make arrangements, PI will pay for this directly.
Arrange AirGL Twin Otter support for Swiss Camp Pull-out June 6	Detailed schedule below

• 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 Jason Buenning (jason@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.

Cargo List

Items
Steffen Cargo requirements have been communicated to Earl Vaughn as of 4/1. One Skidoo, 12 batteries, 15 large Edaks, 15 medium Edaks, and 8 small Edaks.

• Air Support Schedule •

For a detailed schedule, please see Appendix 1.

• Project Schedule •

Date	Location	Activity
22 April	NY>SFJ	Catania from Neumann project and Steffen +3 arrive in Greenland
24 April	AWS sites	Twin Otter AWS traverse flying begins (see detailed schedule)
28/9 April	Qaanaaq	Install two GPS stations, overnight in Qaanaaq. Rest/weather day
30 April	Thule	AWS maint, overnight in Thule
1 May	Summit	AWS maint, overnight at Summit 2 May
2 May	AWS sites	Twin Otter AWS flying concludes offload cargo at Swiss Camp enroute back to SFJ
4 May	SFJ>Swiss Camp	Steffen and cargo Swiss Camp put-in via AirGL Twin Otter
6 May	NY>SFJ	Remaining Steffen team arrive GL. S. Martin, NASA PO, arrives GL.
7 May	SFJ>Swiss Camp	Remaining Steffen team/S. Martin put-in to Swiss Camp via AirGL Twin Otter

7-17 May	Summit Camp	Grad student Atsuhiko Muto installs ~100 m thermistor string in old Steig borehole.
7-18 May	Ilulissat	Yvonne Garcia (NASA) bases here.
9 May	Swiss Camp>SFJ	An empty T/O, returning from S. Anandkrishnan seismic put-in, picks up S. Martin (plus two Neumann members) on return to SFJ.
16 May	Swiss Camp>JAV	2 Steffen field team members (S. Nerem, J. Adler) pulled out via helicopters of opportunity (media visit)
12 May	Ilulissat	Zwally arrives via CPH
14 May	Swiss Camp	Zwally to camp via Nat'l Geo helicopter
2 June	Ilulissat	Zwally out via Japanese media helicopter
6 June	Swiss Camp>SFJ	4 Steffen field team members Pull-out via AirGL Twin Otter (2 flights) bring fuel for next season on empty planes SFJ>SC (propane bottles)

Note: For part of the time, the Steffen group will share the Swiss Camp facility with researchers from the Tom Neumann group. Please see the Neumann project plan for support details.

<http://www.vecopolar.com/Files/Documents/Neumann2007PlanFinal.pdf>

• Field Team Information •

Name	Field Site	To GL	From GL	Email
Konrad Steffen	AWS Traverse/Swiss Camp	4/22/07	6/9/07	konrad.steffen@colorado.edu
Jay Zwally	Swiss Camp	~5/12/07	~6/2/07	zwally@icesat2.gsfc.nasa.gov
Jose Rial	Swiss Camp	5/6/07	6/9/07	jar@email.unc.edu
Kevin Sampson	AWS Traverse/Swiss Camp	4/22/07	6/9/07	Kevin.Sampson@colorado.edu
Thomas Philipps	AWS Traverse/Swiss Camp	4/22/07	6/9/07	Thomas.Phillips@colorado.edu
Seelye Martin	Swiss Camp	5/6/07	5/11/07	seelye.martin-1@nasa.gov
Steve Nerem	Swiss Camp	5/6/07	5/19/07	Nerem@colorado.edu
John Adler	AWS Traverse/Swiss Camp	4/22/07	5/19/07	johnjadler@aol.com
Yvonne Garcia	Ilulissat	5/6/07	5/19/07	yvonne@cires.colorado.edu
Eric Rignot	AWS Northern Traverse	4/25/07	5/4/07	eric@pij.jpl.nasa.gov
Atsuhiko Muto	Summit	5/6/07	5/19/07	muto@colorado.edu

Research Team

Role	Name	Email	Phone / Fax
Principal Investigator	Konrad Steffen	konrad.steffen@colorado.edu	303 492-4524 / 303 492-1149

VPR Team Members

Contact for	Name	Email	Primary Phone(s)
Greenland operations	Jason Buenning	jason@polarfield.com	Denver: 303.638.6669 Greenland: 011.299.524218
Greenland operations	Mark Begnaud	mark@polarfield.com	Denver: 720.320.6160 Greenland: 011.299.524281
Summit operations	Sandy Starkweather	sandy@polarfield.com	Denver: 303.518.8714
Sat phones & comms	Roy Stehle	roy.stehle@sri.com	Menlo Park: 650.859.2552
Medical & MAS	Kyli Olson	kyli@polarfield.com	Denver: 303.489.2151
Thule operations	Susan Zager	susan@polarfield.com	Denver: 720.320.6159
Denver operations	Jill Ferris	jill@polarfield.com	Denver: 720.320.6155
Scotia Operations & Customs	Earl Vaughn	earl.vaughn@gmail.com	Scotia: 518.331.3103
Purchase Orders	Jan Zanetell	Janet.Zanetell@veco.com	303.268.3553

VPR Offices

Denver	Kangerlussuaq	Scotia
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 th Aerial Port Bldg. 20 Stratton Air Base Scotia, NY 12302-9752 Tel: 518.331.3103 Fax: 518.334.2537

Summit Station

Summer
VECO Polar Resources Attn: Name of Employee/Researcher - Summit Station C/O Earl Vaughn 109 th Aerial Port Bldg. 20 Stratton Air Base Scotia, NY 12302-9752 Tel: 518.331.3103 Fax: 518.334.2537

Other

Organization	Internet	Phone
Medical Advisory Services	http://www.mas1.com	480-333-3876
Summit Science Coordination Office	http://www.geosummit.org mailto:sco@summitcamp.org	John Burkhart 209.658.7142

• Safety, Environment, Health, and Permitting •

Permits

All science teams planning to conduct research in Greenland must complete an **annual application** in order to obtain approval from the Danish Polar Center (DPC). The application forms are available from the DPC at <http://www.dpc.dk>. Applications are submitted directly through the DPC, rather than through the U.S. State Department. For assistance with the application process, contact:
 Poul Henrik Sorensen
 E-mail: phs@dpc.dk
 Telephone: +45 3288 0100

Medical Advisory Systems (MAS)

If you need medical advice/assistance, don't hesitate to contact Medical Advisory Systems. When first arriving to your field location, please follow MAS' check in procedure to activate the MAS service. A MAS representative will provide detailed instructions for how to use the MAS service in future emergencies. It is crucial that each field team member understand how to use the MAS service in the field. For further information on MAS, please visit our website <http://www.vecopolar.com/> and navigate to Medical>Remote Medical Services/Kits.

MAS Check-In Procedure

Call 480-333-3876 and be ready to provide the following information:

Your Name

Your contact PI information

Camp information (indicate that you are VECO Polar Resources-supported researchers and the location in which you are conducting remote work)

Risk Assessment

Risk	Mitigation
Problems with ground transportation of cargo	Allow ample time to arrive in NY from Boulder and obtain all custom clearances.

Equipment failure	Test systems prior to deployment.
Safety – includes weather, accidents, etc	Contact SFJ Met office (299) 841022 for reliable weather forecasts. Always travel in twos. Always carry Iridium phone. Check in with Swiss Camp and Kangerlussuaq. Crevasse rescue training should be given to all field members.
Air Support delays during AWS traverse.	Alter or omit destinations so you can meet your time schedule with 109 th flights or fly back to the States commercially through CPH.
Permitting	Submit early and follow up often.

• Critical Success Factors •

Please list the factors that are most important for the success of your science.

Factors
NASA SWISS CAMP
Planning field season prior to field deployment
Purchasing fuels and gas for field camp
Cargo shipment via 109th to/from SFJ
Logistics support arranging Twin Otter charter
Logistics support in Kangerlussuaq prior to field work
Communication support during AWS maintenance in the field
Office support at KISS (email, fax, phone)
AWS SUPPORT
Planning field season prior to field deployment
Cargo shipment via 109th to/from SFJ
Logistics support arranging Twin Otter charter
Logistics support in Kangerlussuaq prior to field work
Field equipment and camp equipment support
Communication support during field project
Office support at KISS (email, fax, phone)
Post-expedition briefing and feed back

• 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.

• Appendices •

1. Air Support Schedule
2. Major Station Information
3. Map of Greenland Sites
4. Media Visitors
5. Cost Estimate - Reimbursable NASA Support (not included in on-line version)

Air Support Schedule

SOUTHERN AWS TRAVERSE (2794 km, 12.5 hours)

<i>Flight path</i>	<i>Distance (km)</i>	
24 April 2007: southern AWS traverse, 4 PAX (Steffen, Adler, Phillips, Sampson)		
SFJ – Dye2	202	Download data only, 1.5 hour
Dye2 – Saddle	95	Download data: 1.5 hour stop
Saddle – NASA SE	104	Download data: extension, 3 Pax overnight
NASA SE – SFJ	363	return empty
Total	764	~ 3.3 hours

25 April 2007: southern AWS traverse, 4 PAX

SFJ - NASA SE	363	empty flight
NASA SE – Saddle	395	Download and extension, 4 hours
Saddle – S-Dome	316	4 pax stay over night
S-Dome – NAR	230	Plane stays overnight at Narsarsuaq
Total	1300	~5.8 hours

26 April 2007; southern AWS traverse, 4 PAX

NAR – S Dome	230	empty flight
S-Dome – SFJ	500	pick-up 4 pax
Total	730	~ 3.3 hours

NORTHERN TRAVERSE (4314 km ~ 19 hours)

<i>Flight path</i>	<i>Distance (km)</i>	
28 April, 2007, Northern AWS traverse, 5 PAX (Steffen, Adler, Phillips, Sampson, Rignot)		
SFJ – NASA-U	758	Download data: 1.5 hour stop
NASA U –Upernavic	200	refuel plane and put two GPS stations in with helicopter organized by Eric Rignot (3 hours)
Upernavic – Qaanaaq	639	stay overnight
Total	1600	~ 7.1 hours

29 April 2007: Qaanaaq rest day; bad weather day

30 April, 2007, Northern AWS traverse, 5 PAX

Qaanaaq–Petermann ELA	380	Download data, exchange batteries: 2 hour stop
Peterm. ELA - Humboldt	50	Download data, exchange some instruments: 2 h
Humboldt - Thule	355	
Total	785	~3.5 hours

1 May 2007, Northern AWS traverse: 5 PAX

Thule –GITS	210	Extend tower: 4 hours
GITS – NEEM1	250	download data 1 hour
NEEM1 - Summit	660	
Total	1120	~ 5 hours

2 May 2007, refuel at Summit and stay over night, 5 PAX

Summit – Crawford P	424	Download AWS: 1.5 hours stop
Crawford P – Swiss camp	95	Offload cargo, check station
Swiss camp – SFJ	290	
Total	809	~ 3.5 hours

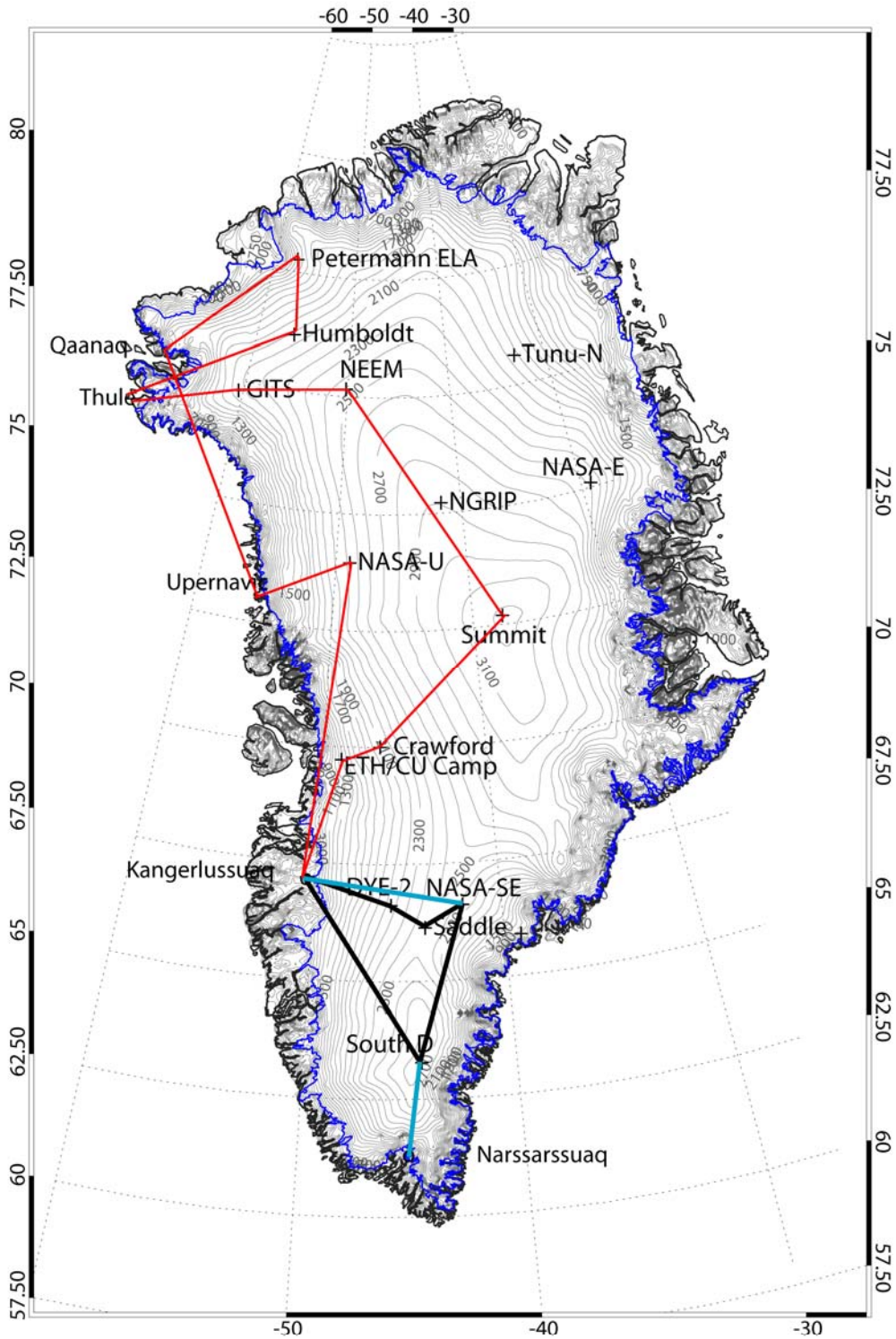
SWISS CAMP TOUR (2522 km, 11 hours)

<i>Flight path</i>	<i>Distance (km)</i>
4 May 2007: cargo flight for Swiss Camp	
SFJ – Swiss Camp289	Cargo and PAX
Swiss Camp – SFJ289	empty flight back
Total	578 ~ 2.5 hours
7 May 2007: PAX with cargo for Swiss Camp	
SFJ – Swiss Camp289	Cargo and PAX
Swiss Camp – Up50	50 GPS station, download data
Up50 – N70	90 GPS station, download data
N70 – Swiss Camp70	
Swiss Camp – SFJ289	empty fuel drums out
Total	788 ~ 3.5 hours
6 June 2007: PAX with cargo for Swiss Camp	
SFJ – Swiss Camp289	fuel for next season (propane)
Swiss Camp – SFJ289	PAX and cargo
Total	578 ~ 2.5 hours
6 June 2007: PAX with cargo for Swiss Camp	
SFJ – Swiss Camp289	Fuel for next season (propane)
Swiss Camp – SFJ289	PAX and cargo
Total	578 ~ 2.5 hours

Major Station Information

Project:	AWS	& Swiss Camp	Total
Distance (km)	7100 km	2522 km	11,395 km
Twin Otter time (hours)	~31 hours	11.2 hours	51.2 hours

Station Name	Latitude	Longitude	Altitude (m)
Swiss Camp	69° 33' 53" N	49° 20' 03" W	1122
Crawford Pt.	69° 52' 40" N	47° 00' 03" W	2004
Summit	72° 34' 46" N	38° 30' 19" W	3208
Tunu N	78° 00' 59" N	33° 59' 00" W	2052
DYE-2	66° 28' 50" N	46° 16' 59" W	2099
Saddle	65° 59' 59" N	44° 30' 02" W	2499
S Dome	63° 08' 56" N	44° 49' 02" W	2901
GITS	77° 08' 37" N	61° 02' 34" W	1869
NASA U	73° 50' 29" N	49° 30' 25" W	2334
NASA E	75° 00' 00" N	29° 59' 38" W	2632
NASA SE	66° 28' 30" N	42° 29' 55" W	2373
Humboldt	78° 31' 36" N	56° 50' 12" W	2000
Petermann ELA	80° 05' 02" N	58° 04' 02" W	1180
NEEM1	77° 30' 08" N	50° 52' 28" W	2450
Qaanaaq	77° 29' 14" N	69° 23' 19" W	0
Thule	76° 31' 49" N	68° 44' 07" W	0
Up50	69° 44' 51" N	48° 07' 46" W	1700
N70	70° 12' 23" N	49° 29' 48" W	1169



Greenland 2007				
Agency	Contact	Purpose	How many?	Timeline
PASSPORT TO KNOWLEDGE & the LIVE FROM specials – Polar Palooza (video)	Geoffrey Haines-Stiles	VECO will be supporting us in a 4-5 week videotaping visit to Greenland. Our project, POLAR-PALOOZA, is a recently-funded IPY education and outreach effort, with support from both NSF and NASA.	1-2	May 11-14
NGTV/National Geographic (Television)	Ron Bowman	Producing a 2-hour National Geographic TV Special on global warming/climate change to be broadcast next year. Interested in work in Greenland, at Swiss Camp, and recent work studying moulins.	5	May 14-16
German Public Radio (radio feature)	Monika Seynsche	Organizing coverage on the IPY. Cover aspects of the Greenland ice sheet and sea ice	1	May 16-18
Reuters news agency (print media)	Gelu Sulugiuc	Researching several stories on the melting of glaciers and ice sheets in Greenland. Wish to observe and discuss scientific work at Swiss Camp.	2	May 16-18
Swiss Radio International	Pierre-François Besson	Plan to prepare a special on the Swiss polar research, in conjunction with the International Polar Year.	1	May 18-21
Docuvista (documentary)	Sina Krebs	This project regards the changing of the world climate and the linked effects on the general world temperature, the rising of the sea level, the increase of hurricanes and so on.	5	May 21-24
CANCELLED French television (journalist)	Nicolas Chateauneuf	Research on global warming for a news edition. Interested in acceleration of ice melting in arctic zone, field work, and how scientists measure and study the phenomenon.	4	May 24-28
CNN				May 24-28
NHK, Science & Nature (documentary)	Yuhong Hiro Koh	To introduce the lives of the scientists out in the field in addition to introducing the science they conduct in depth.	3	May 28-June 2