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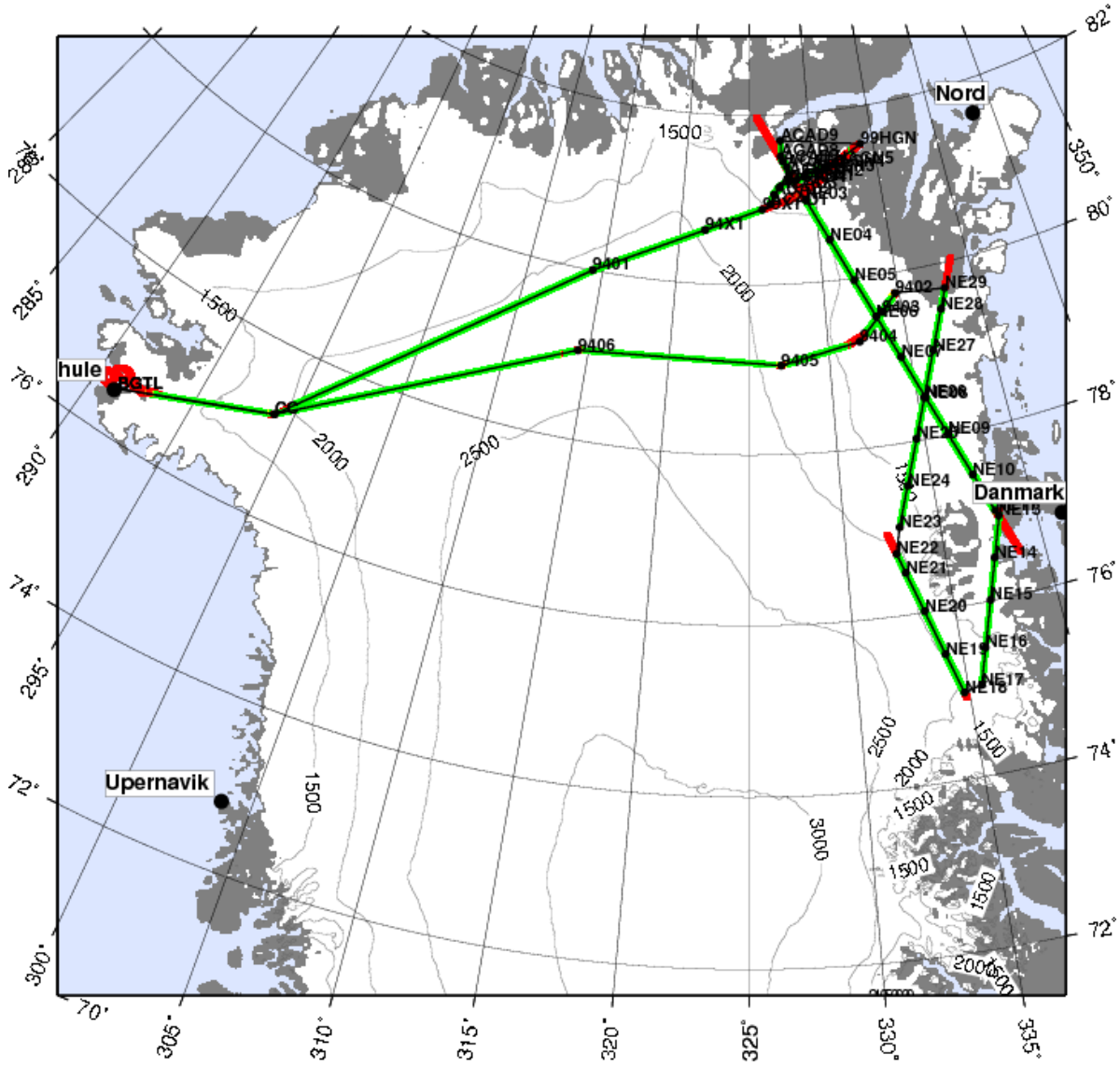
Flight Report

Aircraft :	NASA P-3B
Operating Site(s) From / To :	BGTL / BGTL
Flight Date :	April 24, 2009
Flight Number / Data Flight # :	735 / 14
Time out:	**1156 (Z)**
Time in:	**1945 (Z)**
Flight Time :	7.8
Flt Request # / PI:	FR#9P007/013/014
Purpose of Flight :	**Data [X] Ferry [ ] Functional Check [ ] Other [ ]**
Sensor Payload :	Arctic Ice Gap (Operation Ice Bridge) for Sea Ice ICESat orbit tracks. ATM (2), Snow radar, PARIS, LVIS
Comments :	A successful low altitude mission was flown over eastern Greenland glaciers and ICESat orbit tracks. All instruments successfully collected data under weather that ranged from a high overcast to blue skies over the sites. Conditions appear favorable for tomorrow's flight which will be the last Thule-based mission, a low altitude sea ice flight coordinated with the Ice Camp. The aircraft and all instruments are in an Up status.

SUBMITTED BY: Cate Fairchild 24 April 2009

Northeast Gap-Filler Flight

8.1 hours at 250 knots groundspeed



Flight	Date	Aircraft Flight #	Data Flight#	Hours flown	Total Hours Remaining
Total Allocated					*184.0*
ECF	3/25/2009	713		0.8	183.2
PCF	3/27/2009	716		3.7	179.5
Transit to Thule	3/30/2009	693		7.6	171.9
Science flight	3/31/2009	718	1	8.1	163.8
Science flight	4/1/2009	719	2	7.7	156.1
Science flight	4/2/2009	720	3	8.2	147.9
Science flight	4/5/2009	721	4	8.7	139.2
Science flight	4/6/2009	722	5	7.7	131.5
Ferry to Maine	4/7/2009	723		6.4 (n/c)	131.5
Prop repair FCF 1	4/10/2009	725		0.4 (n/c)	131.5
Prop repair FCF 2	4/11/2009	726		0.4 (n/c)	131.5
Ferry: Maine to Thule	4/13/2009	724		6.2 (n/c)	131.5
Science flight	4/14/2009	727	6	8.0	123.5
Science flight	4/15/2009	728	7	8.0	115.5
Science flight	4/16/2009	729	8	7.5	108.0
Science flight	4/17/2009	730	9	7.7	100.3
Science flight	4/20/2009	731	10	9.3	91.0
Science flight	4/21/2009	732	11	7.7	83.3
Science flight	4/22/2009	733	12	8.0	75.3
Science flight	4/23/2009	734	13	7.9	67.4
Science flight	4/24/2009	735	14	7.8	59.6
*Return Transit**	*TBD*			*8.0*	*51.6*
*Post-mission calibration**	*TBD*			*2.0*	*49.6*

* Time for return transit and post-mission flight are estimates only