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Flight Report

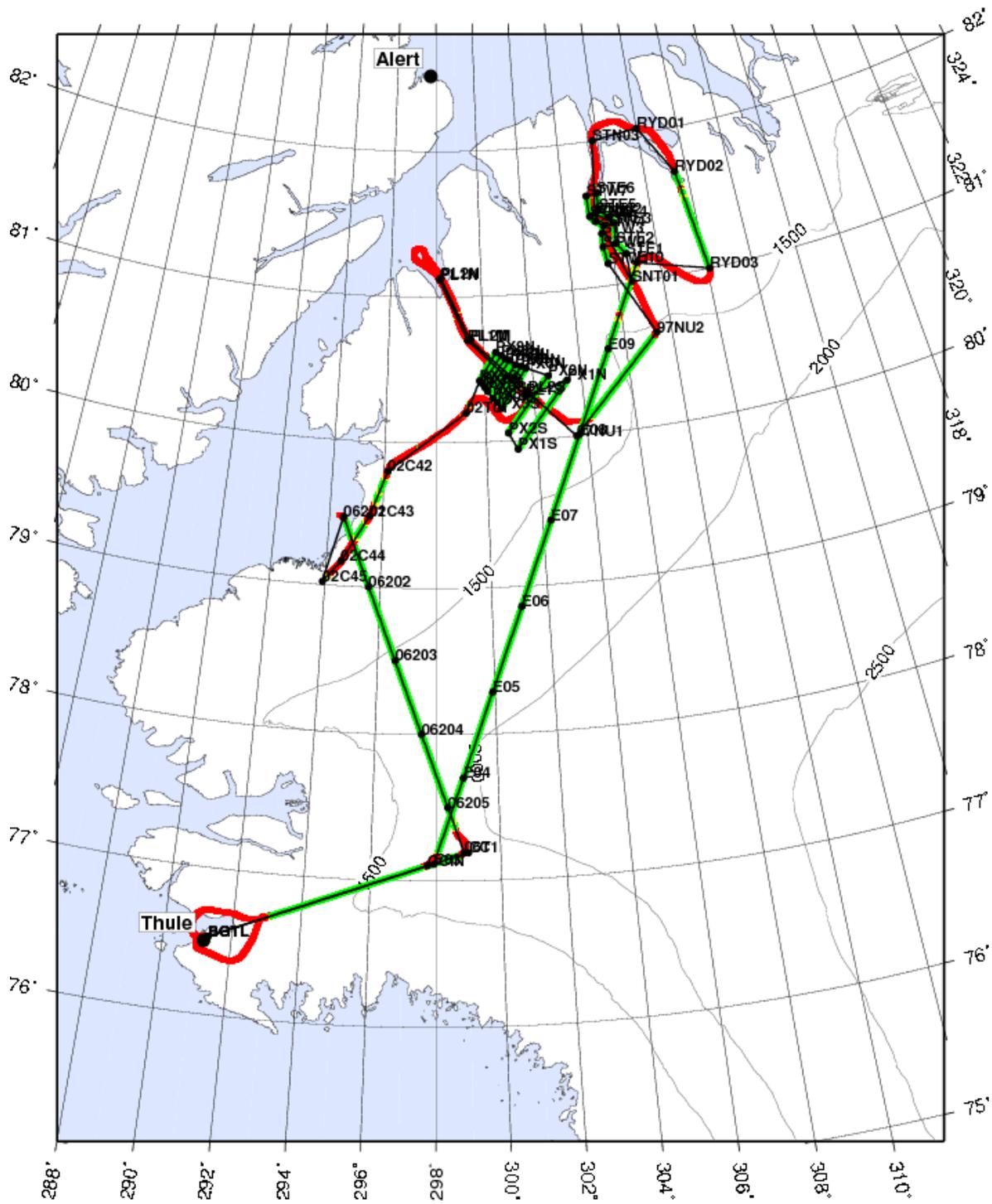
Aircraft :	NASA P-3B
Operating Site(s) From / To :	BGTL / BGTL
Flight Date :	April 22, 2009
Flight Number / Data Flight # :	733 / 12
Time out:	1302 (Z)
Time in:	2059 (Z)
Flight Time :	8.0
Flt Request # / PI:	FR#9P007/013/014
Purpose of Flight :	Data [X] Ferry [] Functional Check [] Other []
Sensor Payload :	Arctic Ice Gap (Operation Ice Bridge) for Sea Ice ICESat orbit tracks. ATM (2), Snow radar, PARIS, LVIS
Comments :	<p>An Arctic Ice Mapping mission was flown today in NW Greenland. Prominent glaciers Humbolt, Petermann, Steensby, and Ryder were resurveyed to assess their changes, and several new glaciers were added. In addition, nine new cross-sections of the Petermann glacier were surveyed. The ATM lasers, PARIS, and the Snow Radar collected good data for the entire 8-hour flight. The plan for tomorrow is to fly the Dauguard-Jensen glacier in east-central Greenland, or an Ice Bridge flight in NE Greenland, weather permitting.</p> <p>The aircraft and all instruments are in an Up status.</p>

SUBMITTED BY: Cate Fairchild

22 April 2009

Thule 01

7.2 hrs at 250 knots groundspeed



Flight	Date	Aircraft Flight #	Data Flight#	Hours flown	Total Hours Remaining
<i>Total Allocated</i>					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
<i>Return Transit*</i>	<i>TBD</i>			8.0	67.3
<i>Post-mission calibration*</i>	<i>TBD</i>			2.0	65.3

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