

## P-3 Orion 03/28/13

**Aircraft:**

P-3 Orion - WFF ([See full schedule](#))

**Flight Number:**

2013 Operation IceBridge Arctic #1477

**Payload Configuration:**

2013 Operation IceBridge Arctic

**Nav Data Collected:**

No

**Total Flight Time:**

3.3 hours

**Submitted by:**

Kelly Griffin on 03/28/13

**Flight Segments:**

<b>From:</b>	BGTL	<b>To:</b>	BGTL
<b>Start:</b>	03/28/13 10:55 Z	<b>Finish:</b>	03/28/13 14:10 Z
<b>Flight Time:</b>	3.3 hours		
<b>Log Number:</b>	<a href="#">13P001</a>	<b>PI:</b>	Michael Studinger
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	2013 Operation IceBridge Arctic: Science flight over North Pole Transect. Flight ended early due to a maintenance issue.		

**Flight Hour Summary:**

	<b>13P001</b>
<b>Flight Hours Approved in SOFRS</b>	255
<b>Total Used</b>	211.6
<b>Total Remaining</b>	43.4

**13P001 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">03/14/13</a>	2013 Operation IceBridge Arctic #1447	Check	0.8	0.8	254.2	
<a href="#">03/14/13</a>	2013 Operation IceBridge Arctic #1449	Check	2.1	2.9	252.1	
<a href="#">03/15/13</a>	2013 Operation IceBridge Arctic #1448	Check	4	6.9	248.1	
<a href="#">03/18/13</a>	2013 Operation IceBridge Arctic #1450	Transit	7.9	14.8	240.2	
<a href="#">03/20/13</a>	2013 Operation IceBridge Arctic #1468	Science	6.3	21.1	233.9	
<a href="#">03/21/13</a>	2013 Operation IceBridge Arctic #1456	Transit	8.5	29.6	225.4	
<a href="#">03/22/13 - 03/23/13</a>	2013 Operation IceBridge Arctic #1474	Science	8.2	37.8	217.2	
<a href="#">03/23/13</a>	2013 Operation IceBridge Arctic #1470	Science	7.8	45.6	209.4	

<a href="#">03/24/13 - 03/25/13</a>	2013 Operation IceBridge Arctic #1469	Science	8.4	54	201
<a href="#">03/26/13</a>	2013 Operation IceBridge Arctic #1475	Transit	8.6	62.6	192.4
<a href="#">03/27/13</a>	2013 Operation IceBridge Arctic #1476	Science	7.9	70.5	184.5
<a href="#">03/28/13</a>	2013 Operation IceBridge Arctic #1477	Science	3.3	73.8	181.2
<a href="#">04/02/13</a>	2013 Operation IceBridge Arctic #1486	Transit	6.4	80.2	174.8
<a href="#">04/04/13</a>	2013 Operation IceBridge Arctic #1484	Science	8.1	88.3	166.7
<a href="#">04/05/13</a>	2013 Operation IceBridge Arctic #1489	Science	7.8	96.1	158.9
<a href="#">04/06/13</a>	2013 Operation IceBridge Arctic #1487	Science	8	104.1	150.9
<a href="#">04/08/13</a>	2013 Operation IceBridge Arctic #1491	Science	7.5	111.6	143.4
<a href="#">04/09/13</a>	2013 Operation IceBridge Arctic #1493	Science	6.4	118	137
<a href="#">04/10/13</a>	2013 Operation IceBridge Arctic #1493	Science	6.6	124.6	130.4
<a href="#">04/11/13</a>	2013 Operation IceBridge Arctic #1495	Science	7.4	132	123
<a href="#">04/12/13</a>	2013 Operation IceBridge Arctic #1496	Science	6.2	138.2	116.8
<a href="#">04/15/13</a>	2013 Operation IceBridge Arctic #1502	Science	7.9	146.1	108.9
<a href="#">04/18/13</a>	2013 Operation IceBridge Arctic #1504	Transit	5.2	151.3	103.7
<a href="#">04/19/13</a>	2013 Operation IceBridge Arctic #1505	Science	7.4	158.7	96.3
<a href="#">04/20/13</a>	2013 Operation IceBridge Arctic #1508	Science	6.8	165.5	89.5
<a href="#">04/22/13</a>	2013 Operation IceBridge Arctic #1512	Science	7.8	173.3	81.7
<a href="#">04/23/13</a>	2013 Operation IceBridge Arctic #1513	Science	7.7	181	74
<a href="#">04/24/13</a>	2013 Operation IceBridge Arctic #1514	Science	8	189	66
<a href="#">04/25/13</a>	2013 Operation IceBridge Arctic #1515	Science	7.5	196.5	58.5

<a href="#">04/26/13</a>	2013 Operation IceBridge Arctic #1516	Science	7.1	203.6	51.4
<a href="#">05/02/13</a>	2013 Operation IceBridge Arctic	Transit	7.5	211.1	43.9
<a href="#">05/02/13</a>	2013 Operation IceBridge Arctic	Transit	0.5	211.6	43.4

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

**Related Science Report:**

## OIB - P-3 Orion 03/28/13 Science Report

**Mission:**

OIB

**Mission Summary:**

### F08 Sea Ice - North Pole Transect (aborted)

#### Science Data Report Summary

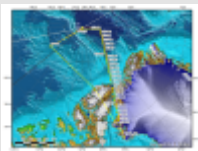
Instrument	Operated	Data Volume	Instrument Issues/Comments
ATM	yes	N/A	Was not operated before the flight was aborted.
DMS	yes	5 GB	None.
Snow Radar	yes	3.2 GB	None.
Ku-band Radar	yes	3.2 GB	None.
Accumulation Radar	yes	8.0 GB	None.
MCoRDS	no	N/A	MCoRDS was not operated due to sea ice mission.
KT-19	yes	N/A	Was not operated before the flight was aborted.

#### Mission Report (Michael Studinger, Mission Scientist)

Today's mission was aborted as a safety precaution at the start of the survey line near waypoint NP04. Several instrument teams collected data along the high-altitude transit from Thule Air Base to NP04 over Ellesmere Island. Snow and a low ceiling prevented a ramp pass before landing at Thule Air Base.

**Images:**

### Today's mission plan



[Read more](#)

**Submitted by:**

Michael Studinger on 03/28/13

NASA Official: Marilyn Vasques

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