

## FLIGHT SUMMARY REPORT

**Flight Number:** 04-619

**Calendar/Julian Date:** 2 December 2003 (336)

**Sensor Package:** MODIS Airborne Simulator (MAS50)  
 NPOESS Atmospheric Sounding Testbed Interferometer (NAST-I)  
 NPOESS Atmospheric Sounding Testbed Microwave Sounder (NAST-M)  
 High Resolution Interferometer Sounder (S-HIS)  
 Mini Video Imaging System (MVIS)  
 In Situ Ozone (LaRCO<sub>3</sub>)

**Area(s) Covered:** Nova Scotia, Newfoundland, North Atlantic Ocean

**Investigator(s):** Smith, NASA-LRC                      **Aircraft Number:** 806  
 Murray, NASA-LRC

### SENSOR DATA

<b>Accession #:</b>	—	—	—	—	—	—	—
<b>Sensor ID #:</b>	108	122	123	083	137	118	138
<b>Sensor Type:</b>	MAS50	NAST-I	NAST-M	S-HIS	CPL	VIS	LaRCO <sub>3</sub>
<b>Focal Length:</b>	—	—	—	—	—	—	—
<b>Film Type:</b>	—	—	—	—	—	—	—
<b>Filtration:</b>	—	—	—	—	—	—	—
<b>Spectral Band:</b>	—	—	—	—	—	—	—
<b>f-Stop:</b>	—	—	—	—	—	—	—
<b>Shutter Speed:</b>	—	—	—	—	—	—	—
<b># of Frames:</b>	—	—	—	—	—	—	—
<b>% Overlap:</b>	—	—	—	—	—	—	—
<b>Quality:</b>	Good	—	—	—	—	—	—
<b>Remarks:</b>							

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 02 Dec 2003  
 NASA FLIGHT NUMBER 04-619

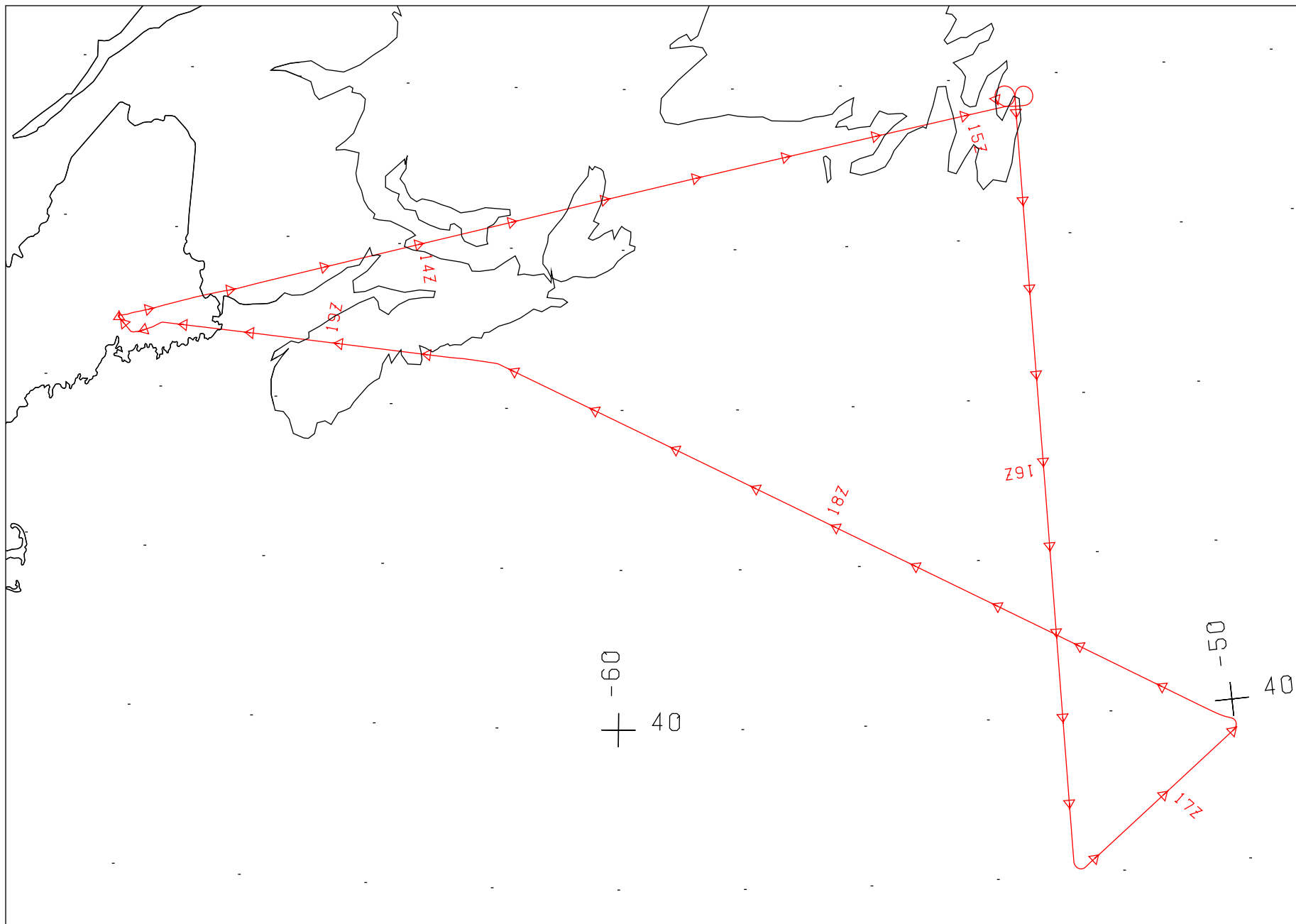
START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

FLTL	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		SCAN LINES	HEAD DEG	ALT M (MSL)
1	13:53:43	45.785	-64.673	74.3	147.7	14:20:30	46.640	-60.228	71.5	158.0	9999	76.4	19037
2	14:20:30	46.640	-60.228	71.5	158.0	14:47:18	47.301	-55.800	70.0	168.7	9999	80.0	19505
3	14:47:18	47.301	-55.800	70.0	168.7	15:04:35	47.629	-52.937	69.7	175.8	6446	82.5	19661
4	15:18:03	47.739	-52.769	69.7	179.3	15:44:51	44.808	-52.773	67.0	186.0	9999	181.4	19731
5	15:44:52	44.808	-52.773	67.0	186.0	16:11:40	41.914	-52.768	64.9	193.0	9999	181.6	19746
6	16:11:40	41.914	-52.768	64.9	193.0	16:38:28	39.025	-52.768	63.6	200.1	9999	180.7	19715
7	16:38:28	39.025	-52.768	63.6	200.1	16:46:29	38.159	-52.768	63.4	202.2	2990	180.7	19843
8	16:48:27	38.085	-52.575	63.5	202.9	17:09:43	39.607	-50.038	67.6	210.0	7933	53.8	19898
9	17:11:23	39.765	-50.041	67.9	210.4	17:38:10	41.329	-53.514	70.5	212.9	9999	291.9	19795
10	17:38:10	41.329	-53.515	70.5	212.9	18:04:58	42.773	-57.061	73.0	215.4	9999	296.6	19796
11	18:04:58	42.774	-57.061	73.0	215.4	18:31:46	44.099	-60.758	75.4	217.8	9999	294.4	19800
12	18:31:46	44.100	-60.758	75.4	217.8	18:41:20	44.546	-62.124	76.2	218.5	3569	292.8	19813
13	18:41:45	44.558	-62.187	76.2	218.6	18:45:20	44.602	-62.739	76.4	218.9	1335	275.0	19781
14	18:45:23	44.602	-62.746	76.4	218.9	19:02:14	44.727	-65.373	77.2	220.2	6287	274.3	19804

NUMBER OF FILES FOR THIS FLIGHT = 14  
 TOTAL NUMBER OF SCAN LINES = 108552  
 DATE THESE FILES WERE PROCESSED = 05-Feb-2004  
 DATE THIS LIST WAS CREATED = Tue Feb 10 09:05:10 PST 2004  
 GRANULE VERSION = 1

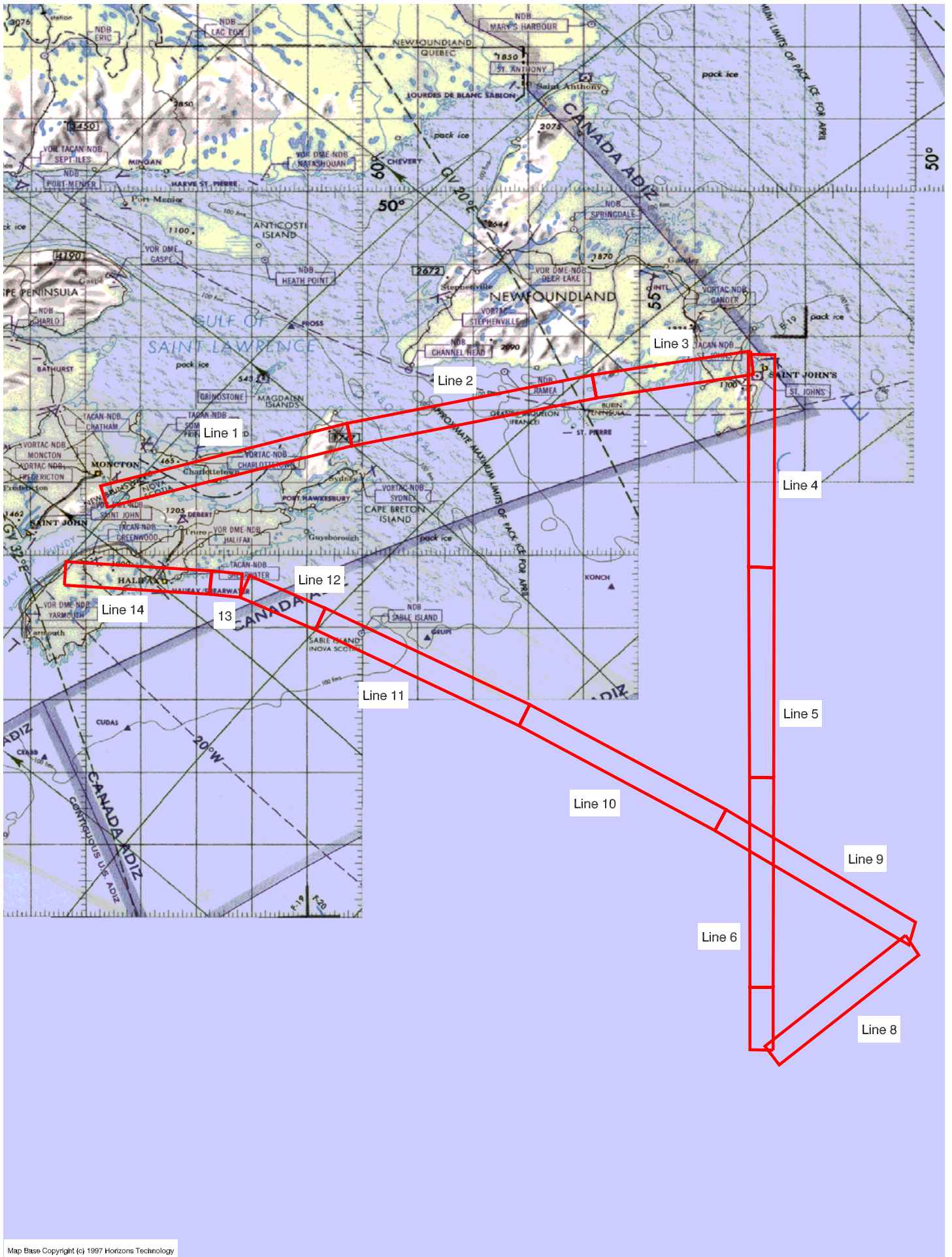


FLIGHT 04-6019 / 04-619

2 DECEMBER 2003

A/C 806

MAS / SHIS / NAST-I / NAST-M / CPL / OZONE / VIS



MAS-50

A/C 806

2 December 2003

Flight 04-619