

FLT ID: 960424 I	FM: ADC	TO: ADC
FLT NO: 96-32	BLK IN: 0256	ATA: 0250
ETD: 18Z	BLK OUT: 1757	ATD: 1804
ETE: 9	BLK TIME: 8:59 (9.0)	FLT TIME: 8:46 (8.8)
SPONSOR ORG: DOAA	PROGRAM: FOCI	PURPOSE: ICE EDGE FLIGHT #2

DAO PERSONNEL

AC McKim ✓	SYS ENG LYDCH ✓
CP KADUL	DATA SYS BAZIR ✓
NAV STRONG ✓	RADAR
FE BAST	BT/ODW
RADIO ARDASON ✓	CLD PHYS
FD PARRISH ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
BOND, D. ✓	P.I.	PMEL
OVERLAND, J. ✓	OBS	"
DAVIS, R. ✓	SPECTROMETER	DALHOUSIE U / SATCANTEL
McCLAN, S. ✓	"	"
STEWART, B. ✓	RADIOMETER	USF - ST. PETER

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

FLY TO 59.3N, 164.7W - then WSW - work the ice edge.
 195330 - Diverted R of track to stay N of fog.
 Flew above fog for most of 2 init BT legs.
 Then short survey NE of Mathews Island. Diverted to W side
 of island, worked extensive legs across ice edge. At W end,
 tracked S of ice edge, S of Mathews Island, then 3 legs
 in edge water W of island.
 Dropped 11 BTs, 10 worked.

Lt Rich Sandoval
907 487 5145

960424I FOCI#2 WEL

180400	0.0	-	+0.1	10.1	59.4 ✓
194200	0.0	+	-0.4	19.0	20.3 ✓
201130	+0.2	+	-2.2	46.7	25.3
203930	-0.1	+	-0.4	04.8	29.9 ✓
211000	-0.3	+	-0.7	36.3	46.7 ✓
214030	-0.1	+	-1.7	16.8	29.9 ✓
220900	-0.7	-	+0.5	48.0	43.6 ✓
224130	-0.3	+	-0.6	33.0	18.4 ✓
231000	-0.2	+	-1.0	30.9	32.5 ✓
234030	-1.2	-	+0.5	28.8	26.8 ✓
001000	-0.8	+	-0.2	20.3	07.9 ✓
004400	-1.2	+	-1.3	09.8	43.6 ✓
(13) 025600	-1.4	+	-2.0	10.4	58.2 ✓

960424I FOCI FLIGHT 2

TIME	LAT	LONG	TK	WD	WS	PA	GA	TA	TD	SP	PS	RD			
1757	61 10.4	149 58.2				218		7.4	-1.0		987.3		BLK		
180715	61 09.6	150 22.3	283	135	11.9	1782	1525	-5.3	-12.9	990.0	802.9	1.3	↑		
1902	60 15.5	158 52.1	253	25	13.5	6111	5559	-32.6	-37.4	969.2	464.4	-0.2	-1815		
192945	59 22.7	162 50.1	245	3	21.1	6108	5268	-32.8	-37.1	996.0	464.6	-0.6	022.0		
193315	59 19	163 25	↓												
200230	59 05.5	166 33.6	227	253	13.2	490	307	1.4	-4.2	992.6	955.6	-0.8			
202610	58 25	169 00	247	35	18.2	657	485	1.0	-2.8	994.9	936.7	2	CH 16 ✓		
203250	58 15	169 45	247	39	23	657	492	1.2	-9.4	995.6	936.8		CH 12 ✓		
203930	58 05	170 30	247	30	21.8	659	502	-0.9	-8.2	996.8	936.3		CH 14 ✓		
204632	57 54	171 15	246	25	18.1	779	623	0.9	-9.0	997.0	923.1		CH 12 ✓		
205404	57 45.7	172 02.2	9	18	21.9	779	626	0.7	-9.9	997.4	923.1		CH 16 ?		
210218	58 12	171 53	10	18	17.9	779	629	0.1	-10.7	997.9	923.1		CH 12 ✓		
211142	58 42	171 45											CH 14 ✓		
212010	59 11.1	171 32.2	7	351	17.5	779	629	0.0	-10.3	998.0	923.0		CH 12 ✓		
213510	60 00	171 29	357	11	20	272	155	-6.0	-7.8	981.1	1000.6		CH ? ✓		
214245	60 24	171 30	0	17	20	277	160	-6.4	-8.6	1000.6	981.0				
2155	61 02	171 29	73	9	21	274	164	-7.7	-10.0	1001.6	981.1		Turn to SSE		
215730	60 55	171 23	Turn	40	1030										
221830	60 28	173 38	207	18	24.2	274	174	-6.5	-9.0	EDGE OF ICE					
222645	59 59.6	174 11.6	2	6	22.5	271	175	-5.9	-7.7	1003.4	981.1	1.3	Turn NW		
223645	60 21	174 52.8	319	6	21.1	402	305	-7.4	-8.8	1004.1	966.2	1.1			
224515	60 39.8	175 36.7	198	13	23	399	310	-6.8	-9.7	1005	966.5	Turn	SSE		
225605	60 00	176 08	200	16	23.4	701	314	-6.0	-8.3	1005.1	966.5	2.0	CH 12 ✓	TURN	
230715	60 21.8	176 31.2	355	12	16.4	399	318	-6.7	-8.5	1006.1	965.9	1.8			
231445	60 46	176 35	2	357	15	380	301	-6.8	-7.9	1006.7	973.8	-1.9	TURNED Over Ice		
2322	60 33	176 31.5	91	8	19.9	266	194	-5.7	-8.5	1006.2	981.6	1.4	TRACKING ICE EDGE		
233215	60 25.6	175 20.1	101	15	22.6	266	185	-5.6	-9.1	1004.9	981.4	0.6			
2343	60 27.4	174 08.8	80	6	19.9	267	177	-6.3	-8.9	1004.0	981.4	-0.4			
235330	60 20	172 56	121	358	25	266	165	-6.6	-9.1	1002.6	981.2	-1.4	SOS 47 HATS		
000315	60 12	171 52	69	353	24	268	157	-6.1	-8.2	1001.5	981.4	-1.2	ESE OF IS - ICE N		
0007230	60 24	170 50	34	358	24	268	150	-6.7	-8.8						
001725	60 37	170 32	34	4	22.2	269	152	-6.2	-8.9	1000.4	981.7	-1.2	CH 12 ✓		
002430	60 57	170 05	2	0	24	265	143	-6.5	-9.2	1000.2	981.6	-1.1	Turn SSE		
003315	60 28.5	169 32.3	151	358	24.5	400	262	-7.3	-8.9	999	965.7	-1.2			
0047	60 16	168 26	70	1	22	550	391	-5.3	-8.4	996	924	-1.3	↑ 9 out		
0103	60 27.5	166 12.7	78	325	24.3	5825	5511	-31.1	-35.9	997.9	483.2		-18K → ADC		
0127	60 49	162 26	81	327	20.5	5809	5448	-31.1	-37.6	992.6	484.1				
020930	61 09.9	155 24.0	90	160	10.7	5832	4494	-31.8	-36.0	878.0	482.3				
0221	61 05.7	153 25.2	98	106	17.2	5473	4077	-29.2	-36.1	913.5	512.1	↓ to land			
023145	60 55.5	151 51.9	105	128	15.5	2707	2350	-11.4	-16.5	985.0	736.7	↓			
024615	61 09	149 54	2	154	16	378	150	7.5	-3.4	986	970.8	↓			
0256	61 10.4	149 58.2				212		9.0	-1.1		988.0	BLK			

~~59.3 164.7~~
~~58.933 166.6~~
~~58.55 168.5~~
~~58.33 170.285~~
~~57.7 172.0~~

$$\begin{array}{r} 30 \\ 2 \overline{) 90} \end{array}$$

923 -0.6 -13.7

942 -7.9 -8.1

58

170 12

170.16

20

$$\begin{array}{r} 3.07 \\ 60 \overline{) 220} \\ \underline{180} \\ 400 \end{array}$$

~~58 25 169~~

~~58 15 169 45~~

~~58 04 170 30~~

~~57 53 171 15~~

~~57 42 172 00 F~~

~~58 12 171 54~~

~~58 42 171 49~~

~~59 11 171 43~~

60 00 171 30

CREWMEMBER/PASSENGER GUIDELINES
AND INFORMATION

U. S. Department of Commerce

National Oceanic and Atmospheric Administration

Aircraft Operations Center

Welcome Aboard!

POSITION REPORT

1. POSITION
2. TIME
3. ALTITUDE
4. NEXT POSITION
5. ETA
6. NEXT POSITION

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHFVOICE	VHFVOICE	MFVOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

**MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA _____, NOAA.**

- POSITION _____ N/S _____
 _____ E/W AT _____ Z _____

- HEADING TRUE/MAG
- AT KTS TRUE/INDICATED

- FLIGHT LEVEL OR ALTITUDE

- WE ARE A P-3 AIRCRAFT WITH _____ SOULS ON BOARD
- NATURE OF EMERGENCY

- ASSISTANCE DESIRED

ENDURANCE REMAINING

[illegible]

96-032

**U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AIRCRAFT OPERATIONS CENTER**