VPR Log

VPR Tow 1

Date	Time	Notes
2012-01-01	1805	Launched
	Soar	Rudder 1° climb 18° Dive 18°
	Rudder Bias	2°
	1920	Recover

VPR Log

VPR Tow 2

Launch: 0536

Date YD	Time GMT	Notes
2012-01-02	0536	Rudder bias 2°
		Tow → 6 to 115 meters; 18° climb & dive; 1° rudder
	0630	20° 17°
	1651	RANDOM WRITE DELAYS SHOWING ON ~~DRS~~ FPS
		METER. METER DROPS TO 15, MAY ASSOCIATED
		WITH WRITE LED ON SYSTEM. (TACYN)?
02	1846	FPS DROP OUTS APPEAR TO BE HAPPENING
		MORE OFTEN. IT DOES NOT APPEAR TO BE
		SOLEY ASSOCIATED W/ WRITES ON (TACYN)
	2026	Climb angle 22° & dive angle 16°
		Top ~~Dive~~ Times 0035.55 2039.10 1.26 Bottom ~~Climb~~ Times 2034.10 2037.20 1.45 1.50 1.10 5 – 115 110 m
		13 lbs Currency on port wing.
	2042	dive angle 15°
2012-01-03	0215	Recover

VPR Log

VPR Tow #3

Date	Time	Notes
2012-01-10	1158	Launch
		Tow 5-110 m; 20° climb & 15° dive; 1° rudder; 2° bias
	1458	Recover

VPR Log

VPR Tow #4

0405 Launch

Date	Time ~~GMT~~ local	Notes
2012-01-14		Climb 22°; Dive 14°; 4 - 110 meters; 2° Rudder
		Wake Dennis @ Midnight
		Elise Look at Bottom depth plot; change to Yearday?
GMT		
0615	19:15	Balls, phaeocystis, snow, cloudy water, few Rods
0630	19:30	Cloudy 25m, Snow, phaeocystis (less), Some Rods
0645	1945	cloudy above 18m, snow, phaeocystis (more), snow
0700	2000	Same
0715		Same
0730		Same
0745		Same
0800		Same
~~0810~~		Same
0845		Same + beams & Rods
1000		Same - Rods + Half circles

VPR Log

VPR Tow #4

Date	Time	Notes
10:45		Lame + string beans
~~1308~~	~~1311~~	WATCH CHANGE 00:00 L ~~1100~~ GMT
1/14	1309	Very cloudy. From 1 → ~35m
	135902	FPS BUFFERING DROPPED BELOW 15, THEN
		WAFFLED @ 15 BEFORE RETURNING TO
		NORMAL.
	152311	PORT & STARBOARD ELEVATORS RUNNING @
		~ -4 to 4 AMPS in DIVES & SURFACING
		PORT ELEVATOR SEEMS TO PEAK MORE TO
		-6 AMPS then STARBOARD.
	153240	MANY LIGHT BALLS - STAR Explosions.
	153523	DIVERTED TO WEST WHEN CAME UPON ICE
		FLOW. WORKED ALONG EDGE AND WAS
		BOXED IN. DID A 180 at 10°/min.
		PICKED UP LINE FROM Point 3 to 4.
		Currently HEADING 129 CMG 132.6 TO
		Point 4

VPR Log

VPR Tow #4

Date	Time	Notes
1/14	1538 ZZ	CONTINUE OF TOW #4 MID → NOON
	160004	FPS DROPPED TO 15 MOMENTARILY.
	163998	FPS dropped to zero for a second & O_2 contours paused
	170331	DENSITY OF TOP LAYERS ABOUT TO CHANGE FROM 171°W
	~~[illegible]~~	TO 174°W. FRONT?
	170940	ALTIMETER IS NOT ON BIRD —
	171653	FLUORESENCE HAS BEEN PEAKING > 14.9 ug/L
	172843	Call FROM BRIDGE, THEY will START
		TURN IN 15 MIN. REPORT OF TURNING
		3 mi FROM ICE FROM AMY? IS THERE
		MORE ICE?
	173255	Call FROM BRIDGE, NO ICE IN SIGHT will
		TURN IN 10 MIN..
	1840M	FPS FREZE. FOR A FEW SECONDS. IMAGES STOPPED
		UPDATING ON MONITOR
	211919	LARGE PATCHES OF Possibly Krill IN VIEW

10th
0000
GMT-11
1600

VPR Log

VPR Tow #4

Date	Time	Notes
01/14		
2012-01-15	0153	Recover

VPR Log

VPR Tow #5

Date	Time	Notes
2016-01-16	06:02	Launch - added program to copy only end of log
	06:10	Boarlottings 5-110; Rudder 1°; climbe 24°; dive 14°; bias 2°
	06:22	computer dies - ROI extraction
		Power supply
		swap machines
	0702	record data VPR Network trouble
	1126	Recover

VPR Log

VPR Tow #6

Date GMT	Time	Notes
2012-01-16	22:22	Launch
	22:30	Soar Settings 5-110 m ; Rudder 1° ; Climb 24° ; dive 14° ; bias 2°
2012-01-17	0805	Recovery

VPR Log

VPR Tow #7

Date	Time	Notes
2012-01-18	0040	Launch
		Low Mode 5-110 m, climb/dive 24°/14°; R 1°; Pitch 2°
	0530	Recover

VPR Log

VPR Tow VPR 8

Date	Time	Notes
	12:25	Launch
		Sour Mode settings
		depth 5-110 m; climb/dive 24°/14°; rudder 1°; ~~[illegible]~~
		Rudder lies 2°
		174.2: eddy w/ fluorescence peak? end 174.4 - repeated - front?
	~~[illegible]~~	
01/19	1545	WE ~~Lost~~ DEPTH ~30 min. ~~TURNS OFF TO~~ PROBCEM
		WAS DUE TO SHIPS DAS SYSTEM HANGING.
01/19	2028	changed Sour to between 5 & 50 m
	2050	changed climb angle to 18
	2056	changed dive angle to ~~[illegible]~~ 8
	2111	back to depth 5-160; climb/dive 24/14
	0100 ~~[illegible]~~	dive depth to 100 m
	0125	" " " 120 m
-1/20	1057	Recover

VPR Log

VPR Tow 9

Date	Time	Notes
2012-01-25	0341	Launch
	0400	Replace computer
	0411	New computer up
	0656	Recovery

24 24.3 = 7.6

VPR Log

VPR Tow 10

Date	Time	Notes
	~~1601~~	~~Launch~~
2012-01-28	2302	Launch
	0712	flight anomaly
2012-01-29	0545	dive depth to 130 m
		Recovery
		9½ hours flying (1-9)

VPR Log

VPR Tow 11

Date	Time	Notes
2012-02-01	0005	Launch
		No O_2 → worked on deck
		→ works with pump off
		→ grounding issue with pump.
		- Rudder bias 3°
		- Soar Mode 5-130 m; 24°/14°; 1° rudder;
	0822	Recover

VPR Log

VPR Tow 12

Date	Time	Notes
2017-02-03	01:10	Launch
		Rudder bias 3°
		Loop Mode 5/130 ; 24°/14° ; 1°
	09:10	Recovery

VPR Log

VPR Tow 13

Date	Time	Notes
2012-02-03	1600	Launch
	1640	-76 52.018 169 30.817 lots of beans 80-120 m
2012-02-09	0300	Recover

VPR Log

VPR Tow 14

Date	Time	Notes
2012-02-05	0250	Launch
		Rudder bias 3°
		Soar 5/130 ; 24°/14° ; 1°
	0630	Recover

VPR Log

VPR Tow 15

Date	Time	Notes
2012-02-05	0830	Launch
		Rudder bias 3°
		Door 5/130°; 24°/14°; 1°
	1210	Recover