

VELERO/DELTA - 2003

Date:	9/9/2003	Dive #:	6057	Grid No(s):	E6	Location:	CBNMS
Observer / Pilot:	TOM LADDIG / JOE LILLY						
Time Down:	9:23	Time Up:	11:08	Recorder:	MICHAEL CARVER		
Water Visibility:	15'	Weather Conditions: FOG .5 MILE VIZ WIND LESS THAN 2 KTS					
Comments:	LSO4 5924 DONE LAST YEAR	VIZ = 15'	CURRENT = < 1 KT				
FIRST DIVE OF 2003							
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment	
9:28	38.01.695	123.26.933	70M	-	HIGH RELIEF	(1x4) ON BOTTOM	
9:34.51	38.01.706	123.26.989		330		Same place START TRANSECT	
9:40	38.01.764	123.26.976	80M	330	FLAT SAND BOTTOM	(351) HABITAT CHANGE	
9:45	38.01.820	123.27.001	75m	330		(3x3) moderate boulders	
9:50	38.01.869	123.27.048	70M	270	BCX	END TRANSECT	
9:56	38.01.857	123.27.141	75M	330	CXH	BEFORE START TRANSECT	
10:01	38.01.922	123.27.196	70M	330		HIGH RELIEF BEDROCK	
10:07	38.01.972	123.27.240	75M	330		BOULDER COBBLE	
10:13	38.02.023	123.27.291	80M	330		MEDIUM BOULDER END TRANSECT	
10:18	38.02.005	123.27.390	80M	270		BOULDER FOR COBBLE	
10:21	38.02.012	123.27.411	80M	330		BOULDER BEDROCK ST TRANSECT	

TV1
TV2
TV3
TV4
TV5

VELERO/DELTA - 2003

Date:	9/9/2003	Dive #:	6058	Grid No(s):	H-7	Location:	CBNMS
Observer / Pilot:	LINDA / CHRIS						
Time Down:	11:58	Time Up:	1:33	Recorder:	MICHAEL C. CRYER		
Water Visibility:	30'	Weather Conditions:	FOGGY 1/4 MILE WIND S-10				
Comments:	5737 LAST YR						

Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
12:04	37.59.503	123.26.201	74	180		ON BOTTOM BBORDER MODERATE
12:08	37.59.503	123.26.201	74	180		STYX BB3
12:13	37.59.413	123.26.222	78	180		RR MODE
12:18	37.59.36	123.26.234	84	180		SWAVE
12:20	37.59.330	123.26.245	85	180		FISHING GEAR
12:23	37.59.312	123.26.273	90	180		SAND WAVE END DIVE
			90			
12:28	37.59.287	123.26.262	90	180		STYX 2-DIVE
12:33	37.59.205	123.26.249	90	180		SUN BOULDER
12:36	37.59.12	123.26.33	90	180		SWAVE BORDER

5 TX1
 10 TX1
 15 TX1
 TX1
 TX2
 TX2
 TX2

VELERO/DELTA - 2003

Date:	9/9/03	Dive #:	6059	Grid No(s):	I-7	Location:	CBNMS
Observer / Pilot:	TARAS / DAVE						
Time Down:	5:39	Time Up:	MICHAEL CARVER				
Water Visibility:	6:40 20-25	Weather Conditions:	1/4 MILE VIZ FOREY WIND 5-10				
Comments:	ADDS RECORDED ON HAND HELD AS BACKUP.						
	This is same starting location as 5738 (2002)						
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment	
5:51	37.57.81	123.26.86	226	350		ON BOTTOM	
5:56	37.57.84	123.26.61	200	350		START TRANSECT BOT. SILE SCOPE	
6:01	37.57.84	123.26.67	198	350		PAUSE TRANSECT	
PAUSE						RESUME TX1	
6:13	37.57.84	123.26.68	198	350		SILT SCOPE LOW 20°	
6:06	37.57.90	123.26.73	202	350		SILT SCOPE 10W 20°	
6:12	37.57.96	123.26.67	200	350		SILT SCOPE 10W 20°	
TX2	6:18	37.57.95	175	350		SILT SCOPE 20° ST TX2	
6TX2	6:23	37.58.03	175	350		SILT SCOPE 20°	
10TX2	6:29	37.58.14	175	350		SILT SCOPE 05°	

VELERO/DELTA - 2003

side 2

Date: 9/9/2003	Dive #: 6059	Grid No(s): I-7	Location: CBAMS
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Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
X2 6:35	37.58.21	123.26.60	175			SILT SLOPE
-			150			
X3 6:41	37.58.23	123.26.49	150			SILT 10°
X3 6:48	37.58.3	123.26.5	150			SILT 10°
X3 6:53	37.58.35	123.26.65	150			SILT 10°
X3 6:58	37.58.41	123.26.72	150			END TRANSECT
-				090		
X4 7:05	37.58.47	123.26.62	135			SILT 10° STRY4
X4 7:08	37.58.518	123.26.674				ROUNDED BORDER
X4 7:10	37.58.53	123.26.71	135	320		ROUNDED BORDER <small>CAL COP LEAF CO</small>
X4 7:11	37.58.56	123.26.75				LONG LEAF
X4 7:16	37.58.56	123.26.78	140			BORDER
X4 7:20	37.58.58	123.26.83	137			BORDER

Linda Snook / Chris Idomas

VELERO/DELTA - 2003

Date: 9/10/03 Dive #: 40061 Grid No(s): N/A Location: SEFFI

Weather = Swell 6ft Wind 210 knots

Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
1:10	37.41.54	122.59.62	30			COBBLE
1:13	37.41.541	122.59.619	30	225		COBBLE STX1
1:18	37.41.480	122.59.685	22			cobble
1:23	37.41.480	122.59.784	19			sand waves
1:28	37.41.450	122.59.881	17			Rock rock 10w - 60w
1:35	37.41.384	122.59.812	14	135		" " moderate
1:40	37.41.335	122.59.741	15			" " " "
1:45	37.41.273	122.59.706	19			Rock " "
1:50	37.41.215	122.59.680	25			" " " "
1:59	37.41.210	122.59.570	29			Boulder Sand
2:04	37.41.23	122.59.43	30			Sand waves
2:09	37.41.25	122.59.32	31			Rock sand
2:14	37.41.27	122.59.22	32			" Rock
2:31	37.41.31	122.59.71				Surfacing

X1
Y1
Y1
Y1
Y1
X2
X2
X2
X2
X3
Y3
Y3

headings 090°
on bottom 1524
on surface - 1710

off east landing
SE Farallon

VELERO/DELTA - 2003

Date: 12 Sept 03 Dive #: 6065 Grid No(s): NA Location: 3741.74
 Observer / Pilot: Jill Baltay / Dave Slater 122° 59.54
 Time Down: 1522 Time Up: 1706 start up Recorder: D. Howard
 Water Visibility: 30-35' Weather Conditions: Sunny, wind NW 15 kts, swell 6' 1' wind wave
 Comments: In lee of S.E. Farallon Island, same spot as previous
 landed on sand, 22m depth. Wind & sea mixed above are those in lee
 of SE Farallon. 6-8' w/ 15-20kt winds out side lee

Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
1524	37° 41.790	122° 59.528	22m		Sand	Fills 1st dir. w/ 11 decl. table we have transect
1530	37° 41.822	122° 59.656	24m	090°	Sand some rock	start transect 1
1535	37° 41.802	122° 59.388	26m	090°	Sand	
1540	37° 41.788	122° 59.264	38m	090	sand	Some low relief valley
1545	37° 41.782	122° 59.150	42m		sand	END TRANSECT 1
1553	37° 41.775	122° 58.987	42m	090°	sand	START TRANSECT 2
1558	37° 41.769	122° 58.898	42m	090°	sand	
1603	37° 41.773	122° 58.810	43m	090°	sand	
1608	37° 41.768	122° 58.715	43m	-	sand	END TRANSECT 2
-	9 mih @ 180°					1613 started 5 min
1618			44m		Sand	

1737 on bottom
1904 on surface

VELERO/DELTA - 2003

Date:	12 Sept 03	Dive #:	6066	Grid No(s):		Location:	SE Favelon
Observer / Pilot:	Tara Anderson / Joe Lilly						
Time Down:	1735	Time Up:	1900	Recorder:	D. Howard		
Water Visibility:	15-20'	Weather Conditions: wind NW 15 knots. Swell 5-6' in lee - outside 15-25kts. 6-8' swell					
Comments:	viz up on rocks 15-20' once over sand improves a bit to 30'						
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment	
1745	37° 41.54	122° 59.767	18m	270°	rock debris	270° START TRANSECT	
1750	37° 41.535	122° 59.884	22m	270°	rock		
1755	37° 41.54	122° 59.954	19m	270°	rock		
1800	41.549	123° 00.033	15m	270°	rock	END TRANSECT 1	
—	5 min run south						
1806							
1809	37° 41.472	123° 00.037	21m	180°	rust/sand sandstone	START TRANSECT 2	
1814	37° 41.386	123° 00.070	22m	180°	rock rock 4 (trans)		
1819	37° 41.326	123° 00.076	28m	180°	rust rock 2 (trans)		
1824	37° 41.255	123° 00.085	30m	180°	rock	END TRANSECT 2	
—	5 min			090	east		

VELERO/DELTA - 2003

Date: 9-13-2003	Dive #: 6067	Grid No(s): N/A	Location: 9 miles west of Light house			
Observer / Pilot: Howard / Chris James	Recorder: MICHEE CARVER					
Time Down: 17:32	Time Up: 17:01					
Water Visibility: 8ft.	Weather Conditions: Clear, wind 4 knots swell 1/4 ft					
Comments: Dive off Pt Reyes - Sandy Bottom						
	Dive made here because rocky habitat had					
	swells which precluded sub operations					
	2 Humpback whales nr.					
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
17:35	37° 57.685	123° 12.529	100m	N	MMF	Sediment sul seapens.
17:37	37° 57.685	123° 12.537	100m	"	"	"
17:42	37° 57.732	123° 12.539	100M	"	"	" MMFLAT
17:48	37° 57.780	123° 12.534	100M	"	"	END OF TRANSECT 1
17:53	37° 57.825	128° 12.541	100M	"	"	
				N	MMF	
18:01	37° 57.847	123.12.533	100	N	MMF	START TRANSECT
18:06	37° 57.907	123° 12.529	"	"	"	"
18:11	37° 57.959	123° 12.530	"	"	"	"
18:16	37° 57.098	123° 12.523	"	"	"	END OF TRANSECT
	Photos taken after	Transect 2				

VELERO/DELTA - 2003

Date:	9/14/2003	Dive #:	6068	Grid No(s):	C4	Location:	NW CBANK
Observer / Pilot:	JILL BALTAN / DAVE SLATER	Recorder:	MICHAEL C. CARVER				
Time Down:	11:03	Time Up:					
Water Visibility:	25	Weather Conditions:	FOG HAS LIFTED 1 MILE VIZ WIND SWELL 85F				
Comments:	C4 5716 DAVE LAST YR						

Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
11:09	38° 03.663	123° 29.477	122		FSS	ON BOTTOM
11:10	38° 03.664	123° 29.478	122	45°	FSS	CHECK POSITION
11:18	38° 03.714	123° 29.462	123	45°	FSS	STAFF TRANSECT
11:23	38° 03.772	123° 29.407	141	45°	RSS	ROCK SAND SILT
11:24	38° 03.780	123° 29.395	141	45	Boulders	BACK IN BOULDERS
11:29	38° 03.831	123° 29.353	118	4/50	BS	Boulders: SAND
11:34	38° 03.873	123° 29.305	109	45°	BS <small>Reddish LG pebbles small</small>	END TX1
11:35	38° " - "	123° " - "	109	090	"	TRANSECT 5 min
11:40	38° 03.878	123° 29.217	89	090	Pinnacle	
11:44	38° 03.869	123° 29.158	95	090	Reef	Long line ✓
11:45	38° 03.865	123° 29.140	96	090	SW Boulder	

SP1
OSM1
-1
10m1
SP1
-
SP12
J-2
OSM2

12
2

VELERO/DELTA - 2003

side 2

Date: 9-14-2003	Dive #: 6069 8	Grid No(s): C4	Location: NW C. BANK
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Date 9-18-03

Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
11:50	38° 03.854	123° 29.087	95	090	Boulders	Long line
11:51	38° 03.844	123° 29.074	90	090	Boulders	
11:55	38° 03.841	123° 29.010	84	-	Pinnacles	Bedrock
11:59	38° 03.860	123° 28.975		045		5 MIN
12:02	38° 03.897	123° 28.925	73			Long line
12:03	38° 03.909	123° 28.886	74	090	Bedrock	Separated by long line
12:04	38° 03.910	123° 28.883	74	090	"	ST TX3
12:10	38° 03.909	123° 28.975	74M	090	Habitat	Separated by long line
12:17	38° 03.912	123° 28.677	74	090	"	"
12:22	38° 03.900	123° 28.577	72	"	"	"
12:23	38° 03.900	123° 28.560	72	450	-	5 MIN
12:24	38° 03.914	123° 28.544	64	45°	.	Long line
12:28	38° 03.939	123° 28.491	64	50		Moderate Pinnacles
12:29	38° 03.939	123° 28.491	64	50		ST TRANSECT 1
12:34	38° 03.998	123° 28.598	64	50		Long line Pinnacles 20-25M
12:38	38° 04.043	123° 28.326	56	50		Long line

on bottom. 1353 hrs 185m
@ surface - 1545

VELERO/DELTA - 2003

Date:	9/14/2003	Dive #:	6069	Grid No(s):	D2	Location:	Cordell Bank slope
Observer / Pilot:	Linda Sauer / JOE JULY						
Time Down:	13:48	Time Up:	15:39	Recorder:	D. Howard		
Water Visibility:	20 feet						
Weather Conditions:	High fog, Swell NW 4-6 ft wind - light - variable						
Comments:	5729 last time, will run transects along depth contours						
	boulder on transect #2						
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment	
13:58	38° 02.818	123° 31.058	200m	300°	sediment, mud	Start transect 1	
14:03	38° 02.883	123° 31.083	200m	following 200m	mud		
14:08	38° 02.941	123° 31.100	200m	contour	mud		
14:13	38° 02.981	123° 31.140	200m	following contour	mud	10° slope - slight current from the SSW	
—	Up to 175m	—				END TRANSECT 1	
14:17	38° 02.026	123° 31.119	190m		mud / boulder	long line tangled in crab pot	
14:24	38° 03.059	123° 31.100	175m	following 175m	boulder mud	START TRANSECT 2	
14:29	38° 03.120	123° 31.117	175m	contour	mud / boulders	heading 316° true	
14:34	38° 03.181	123° 31.154	175m		mud	5° sediment slope	
14:39	38° 03.240	123° 31.171	175m		mud	END TRANSECT 2 sediment slope	
—	moving up slope to 150 meters						

on bottom: 1630 115m mud
on surface: 1632 hrs

VELERO/DELTA - 2003

Date: 14 SEPT 03		Dive #: 6070	Grid No(s): E4	Location: Condell Bank west side		
Observer / Pilot: Dale Roberts / Chris Ijames		Recorder: D. Howard				
Time Down: 1624	off surface	Time Up: 1829 hrs	wind west 5-10 knts			
Water Visibility: 25 feet	Weather Conditions: High Fog, swell 3-5' NW wind waves ~1ft					
Comments: last years dive - 5723						
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
1630	38° 01.715	123° 28.987	115m	330°	mud	
1632	38° 01.715	123° 28.987	115m	330°	mud	START TRANSECT 1
1637	38° 01.781	123° 29.040	115m	330°	mud/sal boulder	
1642	38° 01.848	123° 29.082	115m	330°	boulder/ sand (low relief)	
1647	38° 01.911	123° 29.129	110m	-	boulder/ boulder moderate relief	END TRANSECT 1
5 min @		270°				
1655	38° 01.919	123° 29.250	115	330°	boulder/sand mod relief	START TRANSECT 2
1700	38° 01.986	123° 29.273	114	330°	boulder/band for moderate relief	
1705	38° 02.059	123° 29.325	114	330°	"	
1710	38° 02.119	123° 29.356	115		rock/boulder moderate relief	END TRANSECT 2
5 min @		270°				

VELERO/DELTA - 2003

side 2

Date: 14 Sept 03	Dive #: 6070	Grid No(s): E4	Location: Gordon Bank west side
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Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
1721	38° 02.161	123° 29.465	116	330°	boulder/moderate relief	START TRANSECT 3
1726	38° 02.240	123° 29.483	117	330°	Mud low relief	
1731	38° 02.302	123° 29.530	118	330°	boulder/sand moderate	
1733	38° 02.336	123° 29.530	118		"	long line gear
1736	38° 02.379	123° 29.530	118		boulder/mud low relief	END TRANSECT 3
		5 min run @ 270°				
1746	38° 02.420	123° 29.629	119	330°	Mud/mud flat	START TRANSECT 4
1751	38° 02.492	123° 29.612	115	330°	rock/boulder high relief	
1756	38° 02.566	123° 29.593	117	330°	Mud boulder low relief	
1801	38° 02.633	123° 29.574	115	-	rock/mud moderate relief	END TRANSECT 4
1808	38° 02.645	123° 29.568	115			Rock sample
18109	38° 02.645	123° 29.568	115	330°	rock/boulder mod relief	START TRANSECT 5
18114	38° 02.717	123° 29.521	114	330°	boulder/boulder moderate	depth is different from bathy map - map says ~ 125 m
18119	38° 02.784	123° 29.484	115	330°	boulder/mud low relief	
18124	38° 02.848	123° 29.420	112		boulder/mud mod.	END TRANSECT 5

off bottom: 0937

VELERO/DELTA - 2003

Date: 15 Sept 03	Dive #: 67016071	Grid No(s): E6	Location: Cordoba Bank middle			
Observer / Pilot: Tara Anderson/ Dave Steker	Recorder: D. Howard					
Time Down: 0749 ^{leaves surface}	Time Up: 0939					
Water Visibility: 40 feet	Weather Conditions: High Fog, swell 4-7 feet winds - calm					
Comments: 1/2 kilt current from east, attempting to run transect in shallower ridge area located in 2001. 1 st Dive of the day						
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
0801	38° 01. 228	123° 26. 986	42	45°	rock/pinn. high relief	START TRANSECT 1
0806	38° 01. 303	123° 26. 955	52	44°	"	
0812	38° 01. 338	123° 26. 901	55	44°	"	
0817			52		"	continued for one more minute
0818	38° 01. 417	123° 26. 831	55	—	"	END TRANSECT 1
—	5 min run @	360°				
0825	38° 01. 494	123° 26. 841	52	44	rock/rock high relief	START TRANSECT 2
0830	38° 01. 544	123° 26. 785	46m	44	rock/rock ₃	
0835	38° 01. 611	123° 26. 736	54m	44	RR4	
0840	38° 01. 666	123° 26. 697	51m	44	"	END OF TRANSECT 2
0842	—	—	51m	090	"	S NEW RUN EAST

VELERO/DELTA - 2003

side 2

Date: 9/15/2003	Dive #: 6071	Grid No(s): E6	Location: C. BANK MIDDLE
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Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
0849	38° 01.687	123° 26.571	53	90°	rock/rock 3	end 5 min run START TRANSECT 3
0854	38° 01.640	123° 26.477	51	90°	rock/rock 3	
0900	38° 01.706	123° 26.388	66	"	rock/rock 3	
0905	38° 01.709	123° 26.285	66	-	rock/sand 3	END TRANSECT 3
—	—	—	—	180°	—	—
0913	38° 01.608	123° 26.309	64	90°	rock/rock 4	end 5 min run START TRANSECT 4
0918	38° 01.597	123° 26.195	62	"	rock/rock 3	
0923	38° 01.593	123° 26.113	55	"	rock/sand 3	run for one more minute
0929	38° 01.599	123° 26.002	56	—	rock/rock 3	END OF TRANSECT 4

9-15-03

VELERO/DELTA - 2003

Date:	9/15/2003	Dive #:	67026072	Grid No(s):	C-6	Location:	C BANK		
Observer / Pilot:	DAN HOWARD / JOE LEWY								
Time Down:	10:10	Time Up:						Recorder:	MICHAEL C CARNER
Water Visibility:	40'	Weather Conditions: WTA < 5 MTS 4' EVERY 8 SECONDS HIGH FOG							
Comments:	LAST YR 5717, IN GRID C-6								
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment			
10:19	38° 03.341	123° 26.789	81	130	SWD				
10:20	38° 03.338	123° 26.980	81	130	SAND	START TRANSECT 1			
10:23	38° 03.332	123° 26.949	81	130	ROCK	HABITAT CHANGE 1			
10:25	38° 03.312	123° 26.926	75	130	RR4	5 min			
10:30	38° 03.268	123° 26.867	80M	130	RS4	10 MIN			
10:35	38° 03.223	123° 26.823	80	130	RS4	END OF TRANSECT 1			
10:36	38° 03.223	123° 26.823	80	90	"	TRANSECT 5 MIN			
10:41	38° 03.205	123° 26.746	76M	90	RS3	END OF TRANSECT			
10:44	38° 03.2090	123° 26.7460	76M	130	RR4	START TRANSECT 2			
10:50	38° 03.153	123° 26.694	75M	130	RR4	5 MIN			
10:55	38° 03.102	123° 26.658	72M	130	RR4	10 MIN			

VELERO/DELTA - 2003

side 2

Date: 9 15 2003	Dive #: 6072	Grid No(s): C-6	Location: CORDELL BANK
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Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
11:00	38° 03.000	123° 26.606	75M	130	RR4	END OF TRANSECT 2
11:00	38° 03. —	123° 26. —	—	090	"	TRAN
11:06	38° 03.036	123° 26.513	65M	130	RR4	START TRANSECT 3
11:12	38° 02.982	123° 26.448	68M	130	RR3	5 MIN 3
11:16	38° 02.93	123° 26.395	70M	130	RR3	10 MIN 3
11:21	38° 02.90	123° 26.343	70M	130	RR4	END TRANSECT 3
11:23	38° 02.88	123° 26.340	"	090	"	TRANSECT 5 MIN
11:30	38° 02.887	123° 26.176	68M	090	RR3	TRANSECT END
11:31	38° 02.887	123° 26.176	68M	130	RR3	START TRANSECT 4
11:36	38° 02.829	123° 26.103	65M	130	RR4	5 MIN 4
11:41	38° 02.79	123° 26.046	70M	130	SBR	10 MIN 4
11:46	38° 02.7512	123° 25.98	70M	130	RR4	END OF TRANSECT 4
11:	38° 02	123° 26				

on surface: 1429 hrs

VELERO/DELTA - 2003

Date:	9-15-2003	Dive #:	6073	Grid No(s):	B7	Location:	C. BANK NORTH END
Observer / Pilot:	Linda Snook / CHRIS JAMES	Recorder:	MICHAEL C. CARVER / Howard				
Time Down:	12:35	Time Up:	off bottom 1425 hrs				
Water Visibility:	25-30'	Weather Conditions:	SWELL 4'/8" SECONDS WIND < 5 KTS FOG HIGH 10 MILES VIS				
Comments:	5745 LAST YR - ran 4 transects this year to identify edge of Bank						

Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
12:44	38° 04.769	123° 26.068				In 1/20
12:	38° 04.815	123° 26.066	136	-	mud	ON BOTTOM
12:46	38° 04.815	123° 26.066	136	180°	mud	START TRANSECT 1
12:51	38° 04.729	123° 26.087	136 m	180°	mud	
12:56	38° 04.648	123° 26.133	134 m	180	boulder/mud low	
13:01	38° 04.560	123° 26.169	131 m	-	mud	END TRANSECT 1
		5 min run		180°		
1308	38° 04.480	123° 26.208	131 m	180	mud	START TRANSECT 2
1313	38° 04.383	123° 26.240	128 m	180°	mud	
1318	38° 04.299	123° 26.270	126 m	180°	mud	
1323	38° 04.209	123° 26.294	124 m		mud	END TRANSECT 2

VELERO/DELTA - 2003

side 2

Date: 9-15-2003	Dive #: 6073	Grid No(s): B-7	Location: C.BANK
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Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment
	5 min run	-		180°	0 mud	
1331	38° 04.128	123° 26.336	119m		boulder mud 3	
1333	38° 04.128	123° 26.336	119m	180°	boulder/mud 3	START TRANSECT 3
1335	38° 04.081	123° 26.338	115m	180°	boulder/cobble 2	long line
1338	38° 04.041	123° 26.362	112m	180°	boulder mud 2	5 min mark
1341	38° 03.998	123° 26.376	110m	180°	boulder/boulder 3	long line
1343	38° 03.967	123° 26.378	108m	180°	sandstone/rock 2	10 min mark
1350	03.846	26.123	101m	180°	boulder/sand 2	will run 2 extra minutes due to confusion thought they were off transect
	5 min	run		180°	-	END TRANSECT 3
1358			96m	180°	rock/boulder 3	
1359	38° 03.758	123° 26.448	96m	180°	rock/boulder 3	START TRANSECT 4
1401	38° 03.725	123° 26.458	92m		boulder/sand 3	AND SPAREL long line OF LINE
1404	38° 03.653	123° 26.476	90m	180°	boulder/sand 2	5 min check + long line ←
1409	38° 03.592	123° 26.500	73m	180°	rock/rock 4	10 min ✓
1412	38° 03.560	123° 26.484	60m	180°	'	climbing
1414	38° 03.531	123° 26.509	65m		rock/rock 4	END TRANSECT 4 10 min line

VELERO/DELTA - 2003

Date:	9.15.2003	Dive #:	6074	Grid No(s):	E-10	Location:	CBSNMS
Observer / Pilot:	DAVE ROBERTS / DAVE SLATER						
Time Down:	15:18	Time Up:	Recorder: MICHAEL C CORNER				
Water Visibility:	Weather Conditions: 6-9°C 7 SECONDS WIND 5-10KTS V19 10 MILES						
Comments:	END OF DAY BATTERIES LOW TRYING FOR 2 TRANSECTS						
Time	Latitude	Longitude	Depth (m)	Heading	Habitat	Comment	
3:28	38° 01, 912	123° 23, 324	106 M	180	SS	ON BOTTOM	
3:29	38° 01, 893	123° 23, 320	106 M	180	SS	START TRANSECT 1	
3:34	38° 01, 846	123° 23, 319	114 M	180	SS	5 MIN MARK 1	
3:35	38° 01, 762	123° 23, 390	102 M	180	SS AND SAND	10 MIN	
3:44	38° 01, 715	123° 23, 419	160 M	180	'	END TRANSECT 1	
3:45	38° 01, 715	123° 23, 419	-	270	-	5 MIN TRANSECT	
3:50	38° 01, 702	123° 23, 560	99 M	180	S WATS	START TRANSECT 2	
3:55	38° 01, 616	123° 23, 564	96	180	S1	5 MIN MARK 2	
4:00	38° 01, 542	123° 23, 579	96	180	FS	10 MIN MARK 2	
4:05	38° 01, 448	123° 23, 585	94	180	SILT/COBBLE	END TRANSECT 2	
4:06				270		TRANSECT 5 MIN	

