CTD Hydrocast Log Sheet — CO2/CLIVAR A16S Jan 11- Feb 24, 2005

Sample cop: SCD

STA #: 037 Cast 1 CTD# 135 Date: 1/27/05 Time (Local) Start 0500 End: 0645

Rosette Bottle	Nom. Depth (m)	CFC	He	O2	O2 draw Temp	HCFC	pCO2	DIC	pH	Alk	14C	Tritiu	DOC	CDOM POC	PIC/	Salts	Nuts
Volume		0.5	0.5	0.5	0.5	1.2	1.5	0.25	1.5	0.8	1.2	0.2	0.2	1.5	0.3	0.25	
1	5200	9888		42	2.6		1	A1 AD1	1	1			1	1		201	1/94
2	4400	9573		43	2.5		2	A2	2/38	2/37			X	X		202	2
3	4100	984		41	2.5		3	A3	3	3			3	X		203	3
4	3800	5569		44/45	3.0		X	A4	4	4			X	4		204	4
5	3500	7730		46	3.1		5	A5	5	5			5	X		205	5
6	3200	7621A		47	3.4		6	A6	6	6			X	X		206	6
7	3000	~~9840~~ ~~7689~~		48	3.5		7	A7	7	7			7	X		207	7
8	2800	5567		49	3.8		8	A8	8	8			X	8		208	8
9	2600	9898		167	3.9		9	A9	9	9			9	X		209	9
10	2400	7685		51	4.2		X	A10	10	10			X	X		210	10
11	2200	9836		52	4.2		11	A11	11	11			11	X		211	11
12	2000	9833		53	4.4		12	A12	12	12			12	12		212	12
13	1800	7665A		54	4.5		13	A13	13	13			13	X		213	13
14	1600	5564		55	4.7		X	A14	14	14			14	X		214	14
15	1400	9825		56/57	5.0		47	A15	15	15			15	X		215	15
16	1200			57/58	4.7		X	A16	15	16			16	16		216	16
17	1000	7746		59	5.0		17	A17 AD2	17	17			17	X		217	17
18	900	7748		60	5.0		18	A18	18/39	18/38			18	18		218	18
19	800	7755		61	5.1		19	A19	19	19			X	X		219	19
20	700			62	5.1		20	A20	20	20			20	20		220	20
21	600	9844		63	5.5		21	A21	21	21			X	X		221	21
22	500	7692		64	5.6		22	A22	22	22			22	22		222	22
23	400	7623		163	6.0		23	A23	23	23			23	X		223	23
24	~~SFC~~ 350	7620		164	6.2		24	A24	24	24			24	24		224	24
25	300	629		65	6.5		25	A25	25	25			25	X		225	25
26	300	9837		68	6.5		26	A26	26	26			X	X		226	26
27	225	7701		69	7.1		27	A27	27	27			27	27		227	27
28	175			70	7.7		X	A28	28	28			28	28		228	28
29	150	9869 7830A		71	7.0		29	A29	29	29			X	X		229	29
30	125	5571A		72	8.4		X	A30	30	30			30	30		230	30
31	100	7674		73	9.0		31	A31	31	31			X	X		231	31
32	80			74	9.4		32	A32	32	32			32	32		232	32
33	60	7621		75	10.7		33	A33	33	33			X	X		233	33
34	40	367		76	10.9		34	A34	34	34			34	34		234	34
35	20	7638		77	11.1		35	A35	35/40	35/39			X	X		235	35
36	Surf	7692A		78	11.1		36	A36 AD3	36	36			36	36		236	36
Sampler		EW		CL			NL	BC	MT	MC			WHC	WHC		DW	CM

Comments: DW

B-17 stopcock out but may not have been clicked all the way; light rain for part of sampling

B#16 22 air leak - no obvious problem, no CFC drawn

B#6 15 O-ring on spigot cracked