

CMORE/Agouon-6

CTD 1 CAST 1 Data Sheet

Station # 1
 Cast # 1
 Operator(s): Seaquencers

Date: 6/21/10 (HST)
 Time: 0300 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM	Microscopy	
1	175	1-L,D	1L-1,2,3	1	1		
2	150	2-L,D	2L-1,2,3	2	2	4	
3	125	3-L,D	3L-1,2,3	3	3		
4	100	4-L,D	4L-1,2,3	4	4	3	
5	75	5-L,D	5L-1,2,3	5	5		
6	45	6-L,D	6L-1,2,3	6	6	2	
7	25	7-L,D	7L-1,2,3	7	7		
8	5	8-,L,D	8L-1,2,3	8	8	1	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type	Bottle type	SST	Operator updyke
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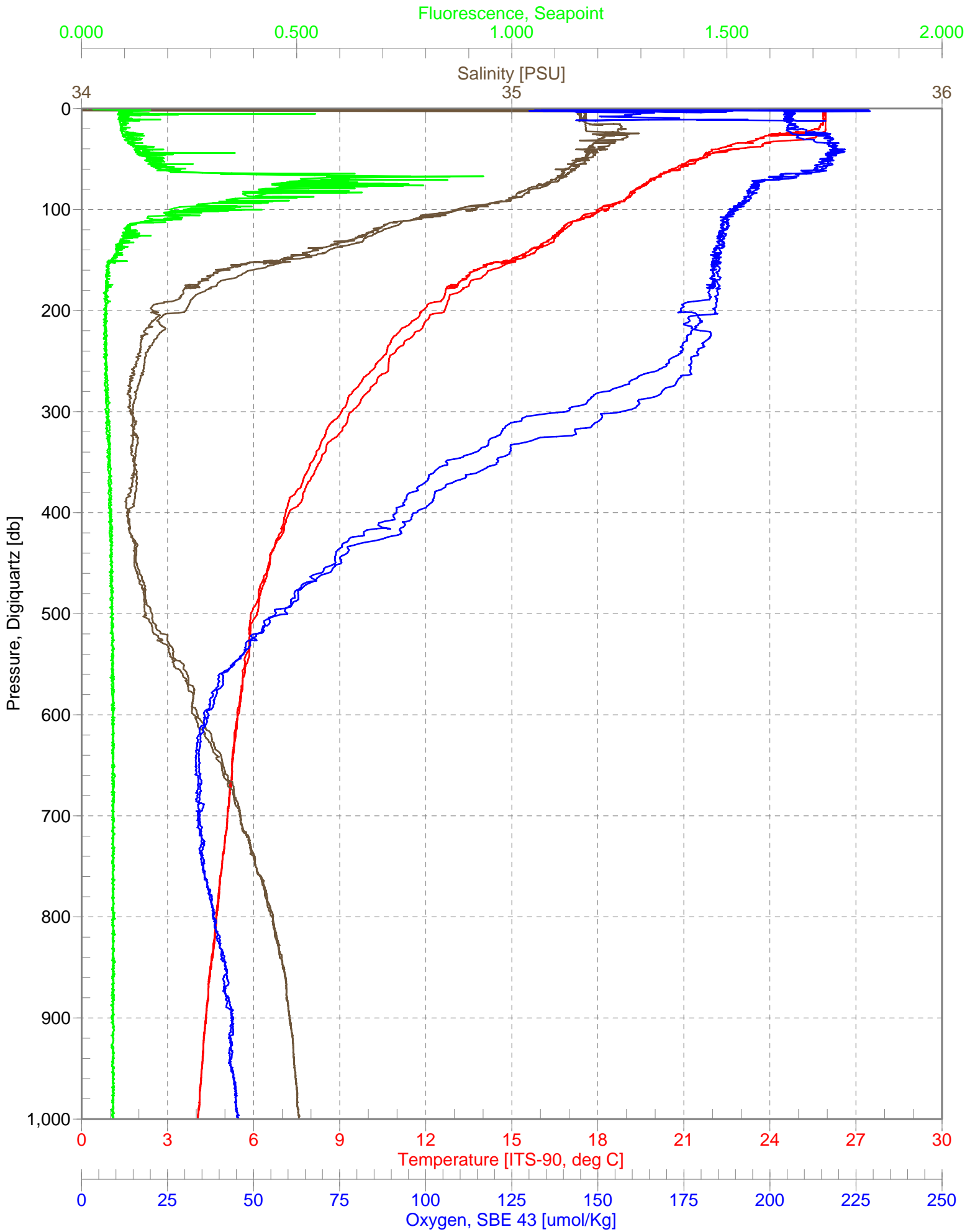
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

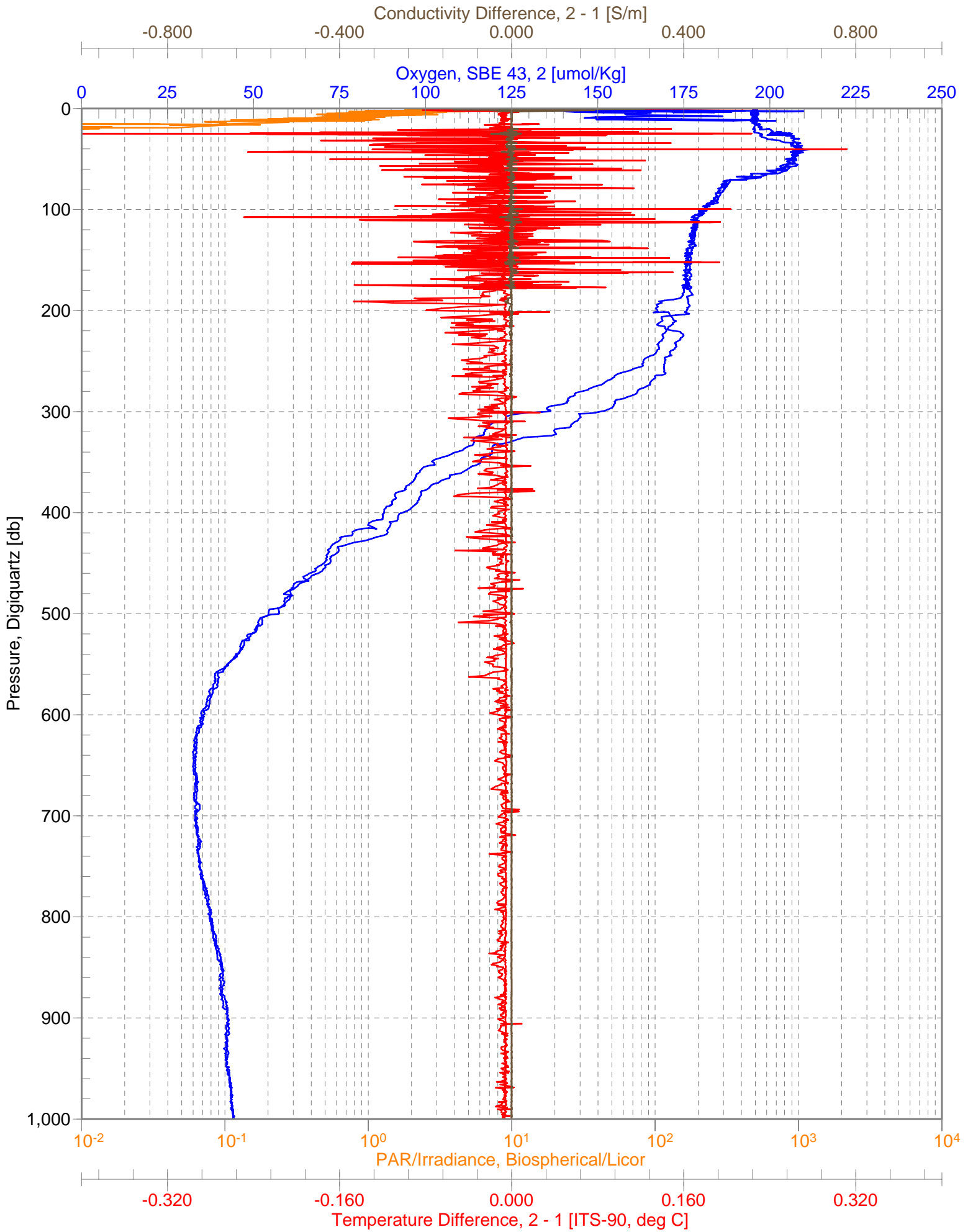
Station: 1	Cast: 1
Latitude start:20° 2.766'N end:20° 2.760'N	Longitude start:159° 25.316'W end:159° 25.299'W
Depth of water:4465 meters	Date (GMT): 06 /21 /10
Pressure on Deck	Time:
Begin:	Start Log: 13:10
End:	In Water: 13:13
Max cast pressure: 1000 dbar	Out of Water: 14:47

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	14:02	14:03	176.5	175	
2	14:05	14:06	151.5	150	
3	14:07	14:08:30	125.2	125	
4	14:10:26	14:11:00	100.6	100	
5	14:13:00	14:13:30	74.69	75	
6	14:15:30	14:16:00	45.5	45	
7	14:17:45	14:18:15	25.8	25	
8	14:21:45	14:22:15	6.7	5	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s1c1



km1010_disp2_s1c1



CMORE/Agouon-6

CTD CAST 2 Data Sheet

Station # 1
 Cast # 2
 Operator(s): Seaquenchers

Date: 6/21/10 (HST)
 Time: 0700 (HST)

Rosette Position	Depth (m)	Experiment					
1	750	X					
2	750	X					
3	25	X					
4	25	X					
5	25	X					
6	25	X					
7	25	X					
8	25	X					
9	25	X					
10	25	X					
11	25	X					
12	25	X					
13	25	X					
14	25	X					
15	25	X					
16	25	X					
17	25	X					
18	25	X					
19	25	X					
20	25	X					
21	25	X					
22	25	X					
23	25	X					
24	25	X					

Notes:

Km1010 Agouon-CMORE CONSOLE LOG

Cast type	Bottle type	SST 26.22	Operator BW
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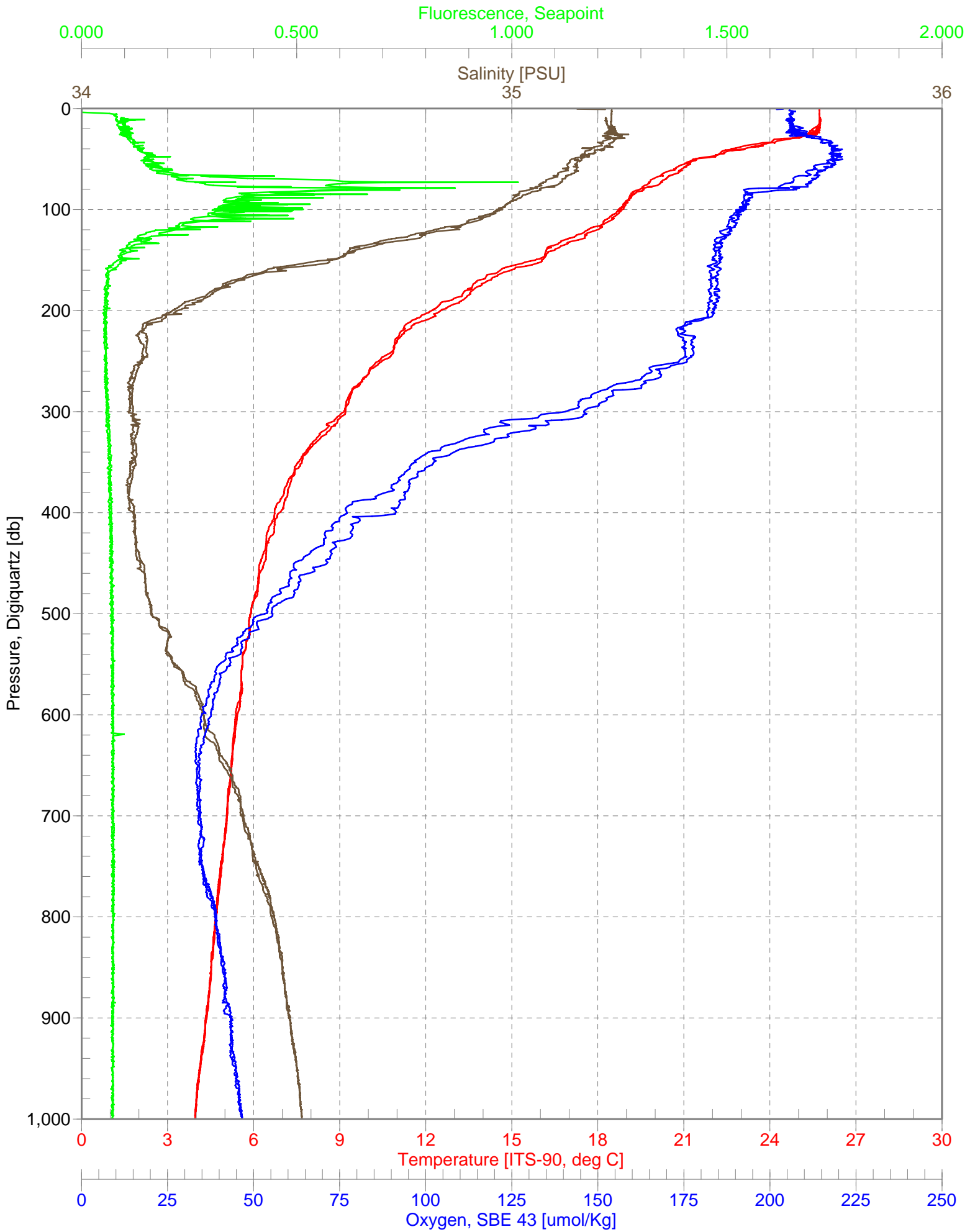
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

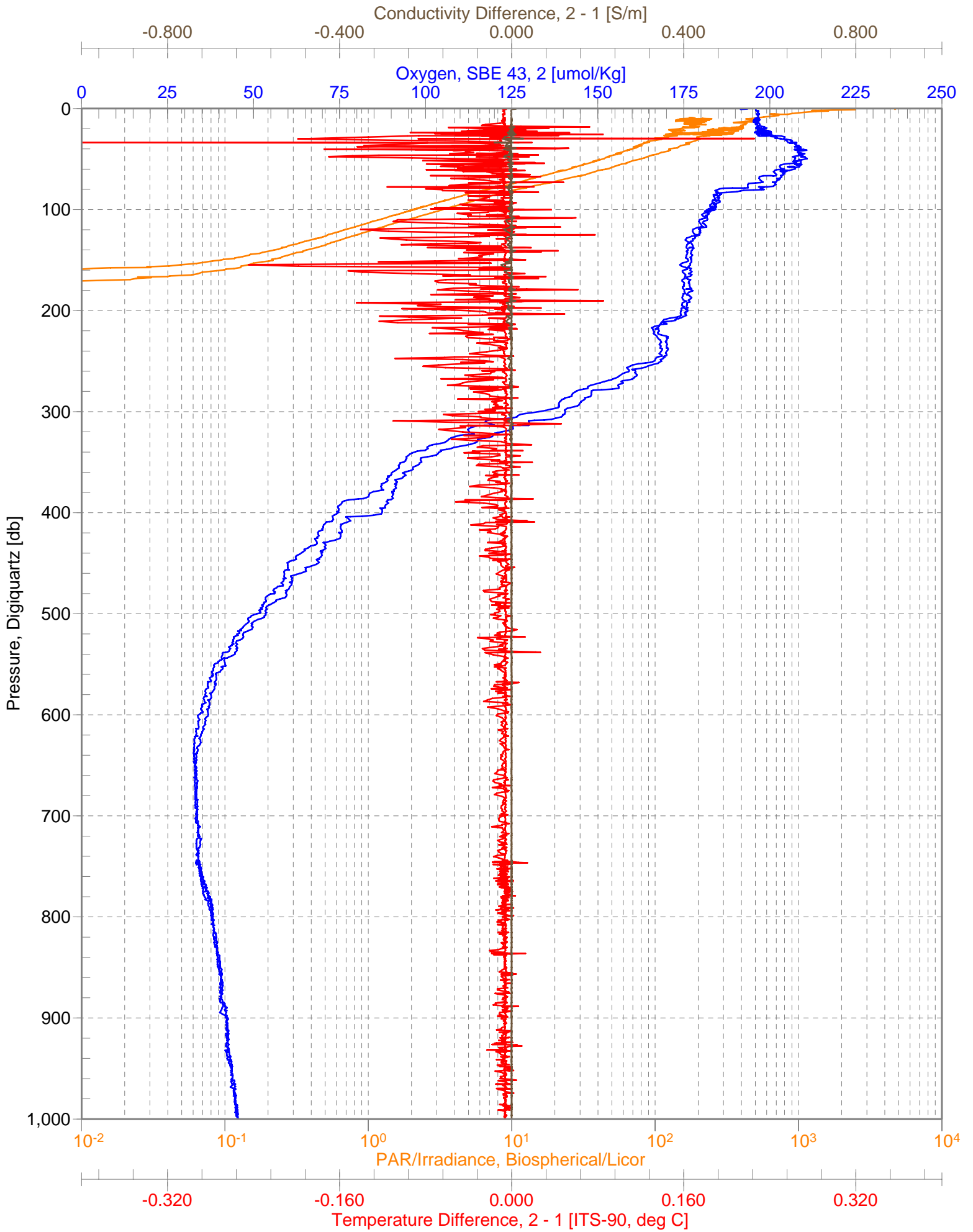
Station: 1	Cast: 2
Latitude start:20° 3.249'N end:20° 2.760'N	Longitude start:159° 24.937'W end:159° 25.299'W
Depth of water: 4464 meters	Date (GMT):172 06 /21 /10
Pressure on Deck	Time:1700
Begin:	Start Log: 17:11
End:	In Water: 17:13
Max cast pressure: 1000 dbar	Out of Water: 14:47

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	17:50:16	17:51:06	746.6	750	
2		17:51:29	745.7	750	
3	18:07:17	18:07:47	24.8	25	
4			24.2	25	
5			24.4	25	
6			25.2	25	
7			24.8	25	
8			25.6	25	
9			24.7	25	
10			24.5	25	
11			25.4	25	
12			24.6	25	
13			25.2	25	
14			24.9	25	
15			25.5	25	
16			24.7	25	
17			25.7	25	
18			25.1	25	
19			24.7	25	
20			24.8	25	
21			25.0	25	
22			24.2	25	
23			25.8	25	
24		18:10:11	24.1	25	

km1010_disp1_s1c2



km1010_disp2_s1c2



CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 1
 Cast # 3
 Operator(s): Seaquencers

Date: 6/21/10 (HST)
 Time: 0925 (HST)

Rosette Position	Depth (m)	Nuts	LLP/LLN	PC/PN 4L	PPO4 4L		
1	1000	1					
2	750	2					
3	500	3					
4	300	4					
5	175		5				
6	175			6(7)	6(7)		
7	150		7				
8	150			8(8)	8(8)		
9	125		9				
10	125			10(9)	10(9)		
11	100		11				
12	100			12(10)	12(10)		
13	75		13				
14	75			14(11)	14(11)		
15	45		15				
16	45			16(12)	16(12)		
17	25		17				
18	25			18(13)	18(13)		
19	5		19				
20	5			20(14)	20(14)		
21							
22							
23							
24							

Notes:

Niskin Bottles # 11 and 15 leaking upon opening spigot.

CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 1
 Cast # 3
 Operator(s): Seaquencers

Date: 6/21/10 (HST)
 Time: 0925 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	FCM	DNA/RNA 4L	PvE	
1	1000			X	X		
2	750			X			
3	500			X			
4	300			X	X		
5	175						
6	175						
7	150				X		
8	150						
9	125	1	1,2,3			X	
10	125						
11	100	2	4,5,6		X		
12	100						
13	75	3	7,8,9		X		
14	75						
15	45	4	10,11,12		X		
16	45						
17	25	5	13,14,15		X	X	
18	25			X			
19	5	6	16,17,18		X		
20	5						
21							
22							
23							
24							

Notes:

Niskin Bottles # 11 and 15 leaking upon opening spigot.
 ATP tube 2 dropped and spilled after boiling.

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Biomass	Bottle type	SST 26.22	Operator DN
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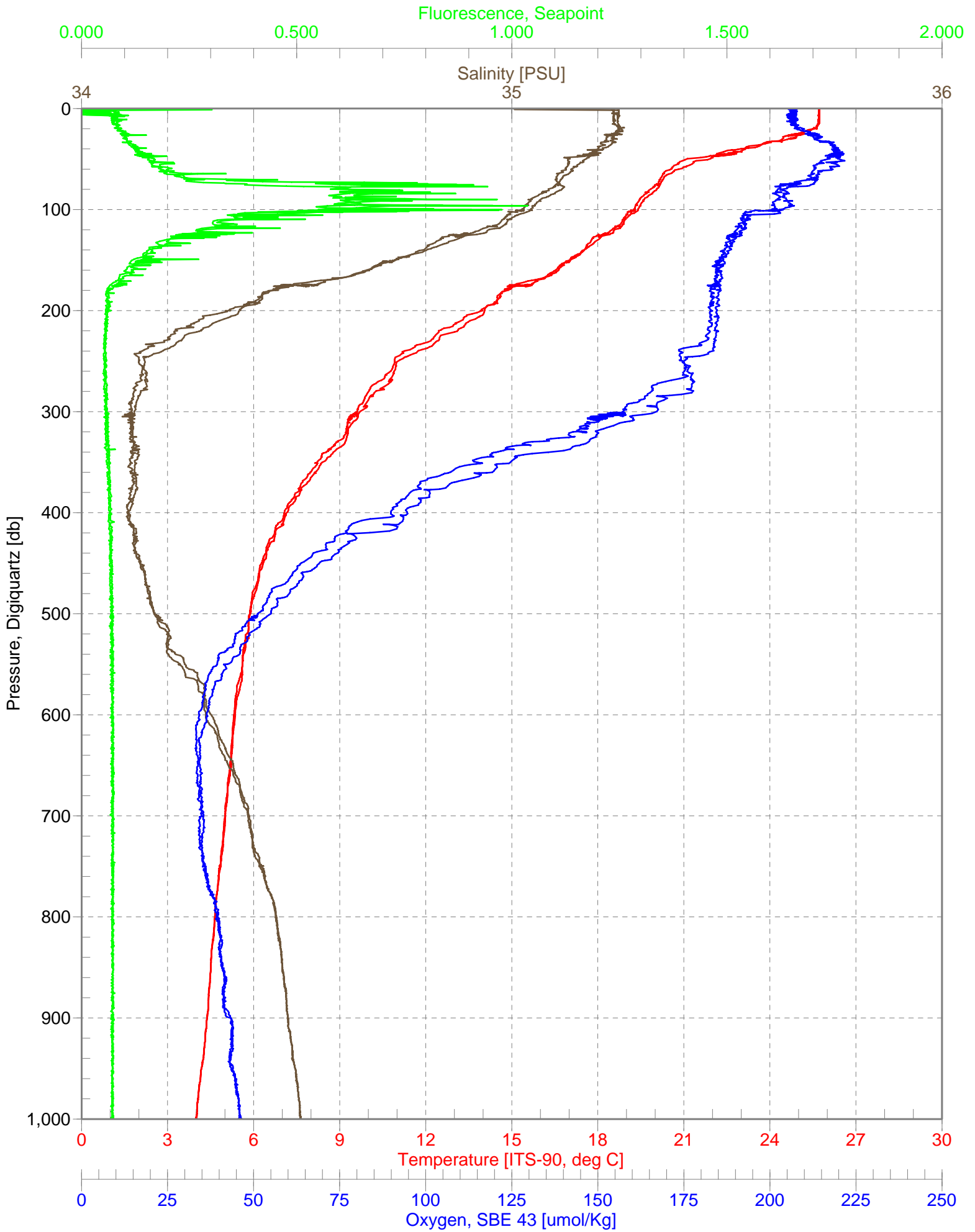
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

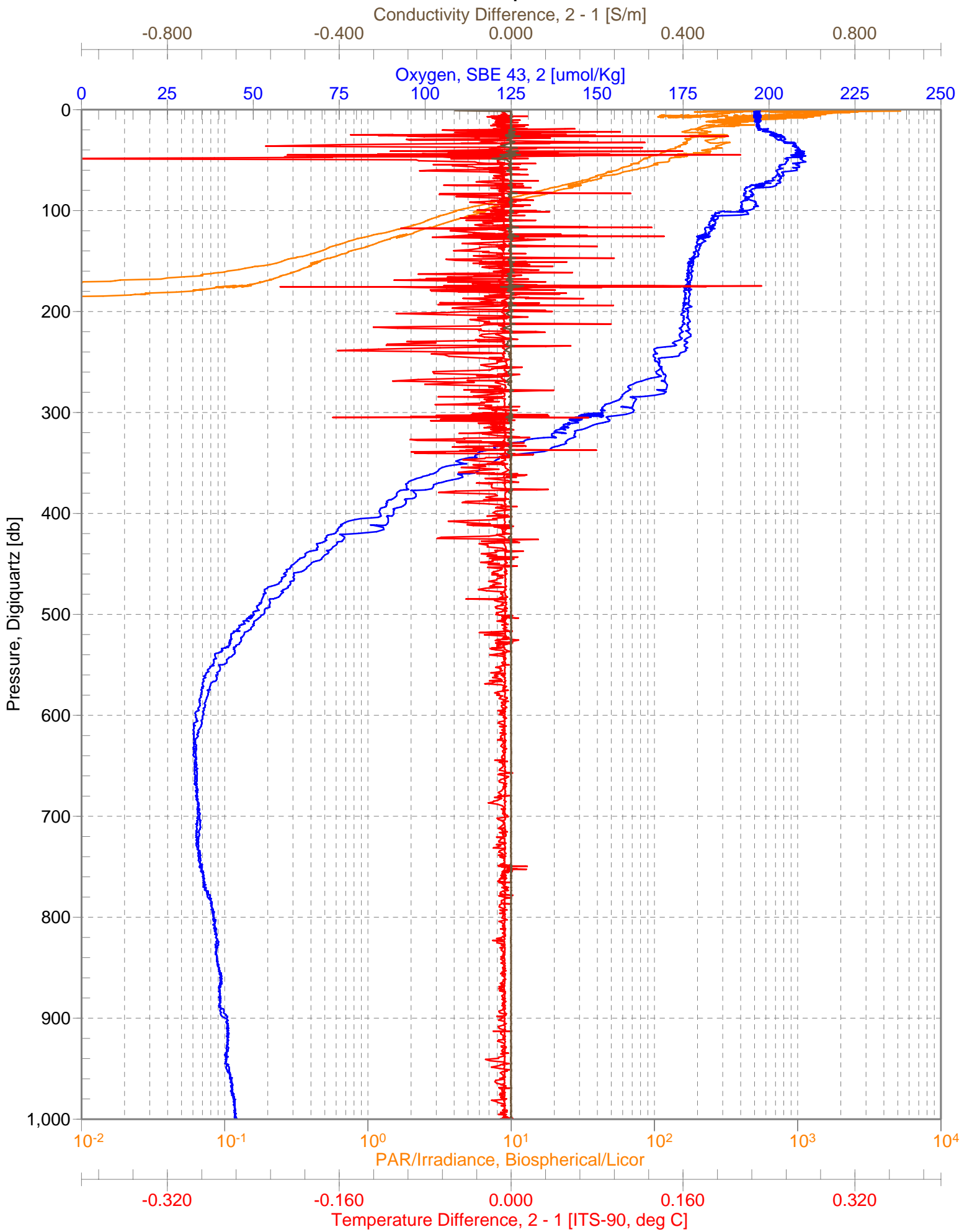
Station: 1	Cast: 3
Latitude start:20° 3.241'N end:20° 3.250'N	Longitude start:159° 24.925'W end:159° 24.928'W
Depth of water: 4469 meters	Date (GMT):172 06 /21 /10
Pressure on Deck	Time:1900
Begin:	Start Log: 19:23
End:	In Water: 19:25
Max cast pressure: 1000 dbar	Out of Water: 20:38

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	19:54:00	19:54:30	999	1000	
2	20:01:00	20:01:00	745.7	750	
3	20:08:00	20:08:30	24.8	500	
4	20:14:30	20:15:00	24.2	300	
5	20:18:00	20:18:30	24.4	175	
6		20:18:35	25.2	175	
7	20:20:30	20:21:00	24.8	150	
8		20:21:05	25.6	150	
9	20:22:00	20:22:30	24.7	125	
10		20:22:35	24.5	125	
11	20:24:00	20:24:30	25.4	100	
12		20:24:35	24.6	100	
13	20:25:30	20:26:30	25.2	75	
14		20:26:35	24.9	75	
15	20:27:00	20:27:30	25.5	45	
16		20:27:35	24.7	45	
17	20:28:30	20:29:00	25.7	25	
18		20:29:05	25.1	25	
19	20:32:30	20:33:00	24.7	5	
20		20:33:05	24.8	5	
21					
22					
23					
24					

km1010_disp1_s1c3



km1010_disp2_s1c3



CMORE/Agouon-6

CTD 2 CAST 1 Data Sheet

Station # 2
 Cast # 1
 Operator(s): Bloombusters

Date: 6/22/10 (HST)
 Time: 0200 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM	Microscopy	
1	175	1-L,D	1L-1,2,3	1	1		
2	150	2-L,D	2L-1,2,3	2	2	4	
3	125	3-L,D	3L-1,2,3	3	3		
4	100	4-L,D	4L-1,2,3	4	4	3	
5	75	5-L,D	5L-1,2,3	5	5		
6	45	6-L,D	6L-1,2,3	6	6	2	
7	25	7-L,D	7L-1,2,3	7	7		
8	5	8-,L,D	8L-1,2,3	8	8	1	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type PP	Bottle type	SST 26.28	Operator SR
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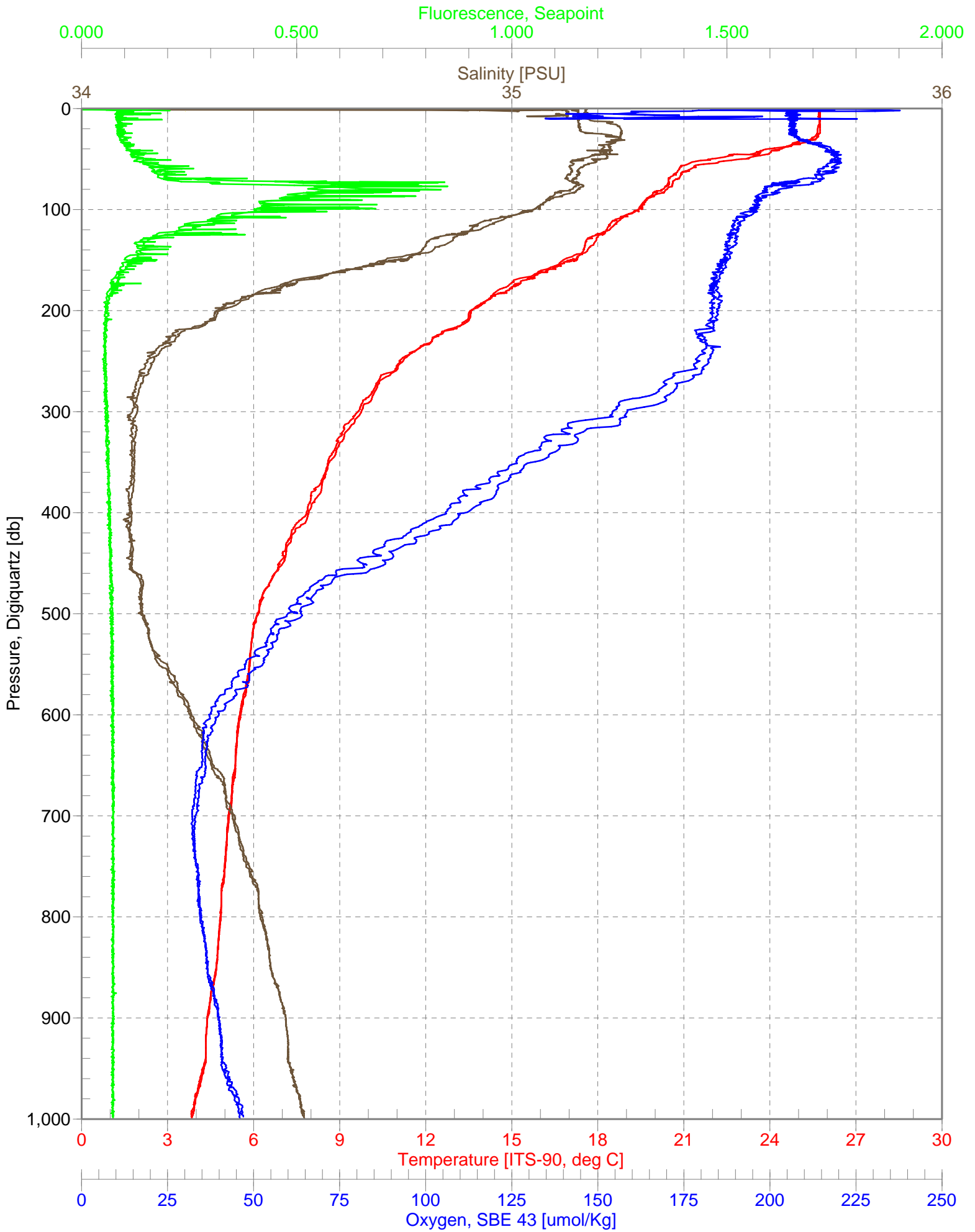
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

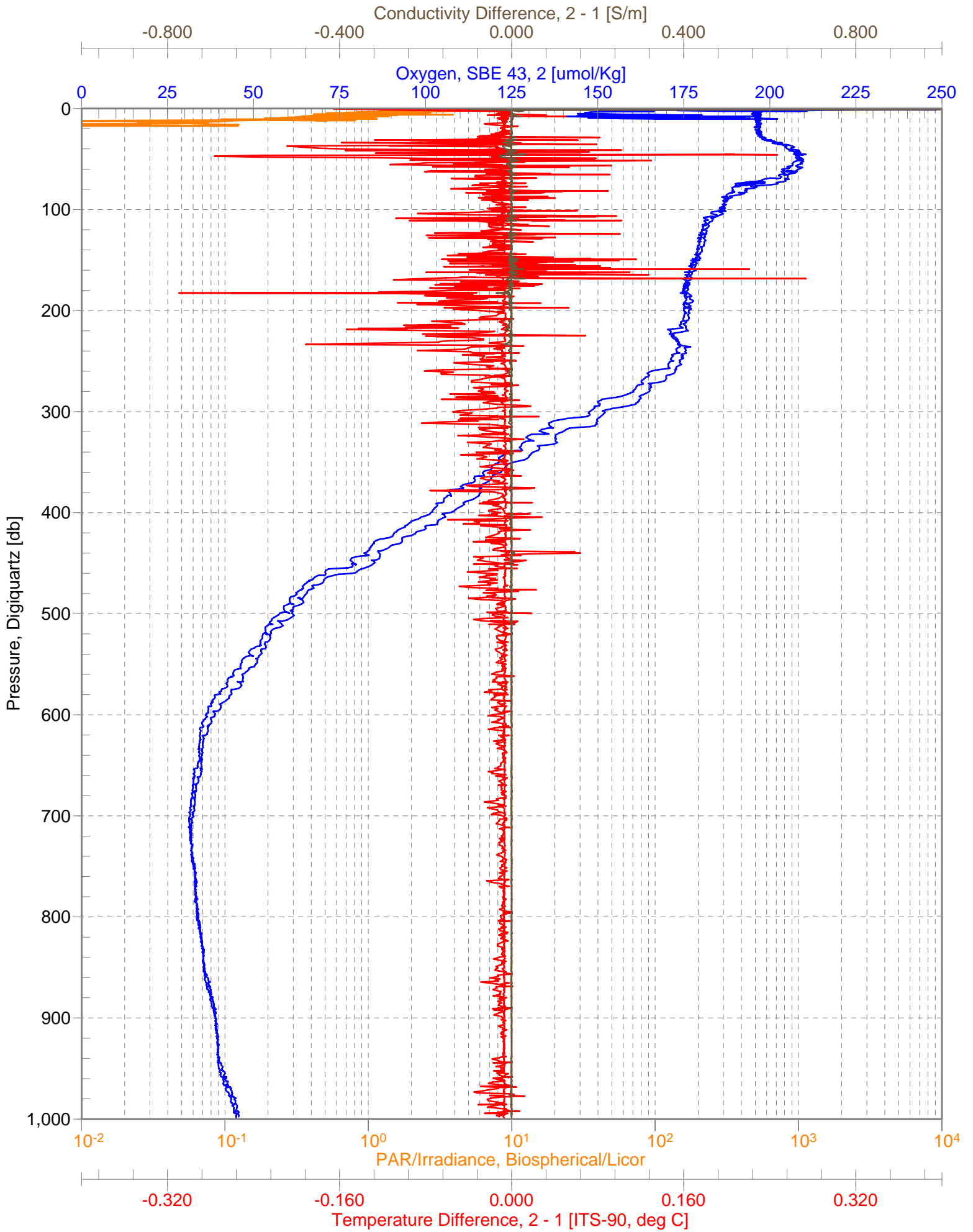
Station: 2	Cast: 1
Latitude start:19° 55.343'N end:19° 55.345'N	Longitude start:159° 24.002'W end:159° 24.000'W
Depth of water: 4439 meters	Date (GMT):173 06 /22 /10
Pressure on Deck	Time:1900
Begin:	Start Log: 12:11
End:	In Water: 12:12
Max cast pressure: 1000 dbar	Out of Water: 13:20

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	12:57:37	12:58:23	173.213	175	
2	12:59:58	13:00:30	150.794	150	
3	13:01:59	13:02:30	124.015	125	
4	13:03:40	13:04:10	99.111	100	
5	13:05:26	13:06:00	72.042	75	
6	13:07:28	13:08:00	43.746	45	
7	13:08:58	13:09:30	24.245	25	
8	13:10:33	13:11:00	5.042	5	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s2c1



km1010_disp2_s2c1



CMORE/Agouon-6

CTD 2 CAST 2 Data Sheet

Station # 2
 Cast # 2
 Operator(s): Bloombusters

Date: 6/22/10 (HST)
 Time: 0600 (HST)

Rosette Position	Depth (m)	DNA/RNA				
1	1000	4				
2	300	4				
3	150	4				
4	100	4				
5	75	4				
6	45	4				
7	25	4				
8	5	4				
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Diversity	Bottle type	SST 26.05	Operator CB
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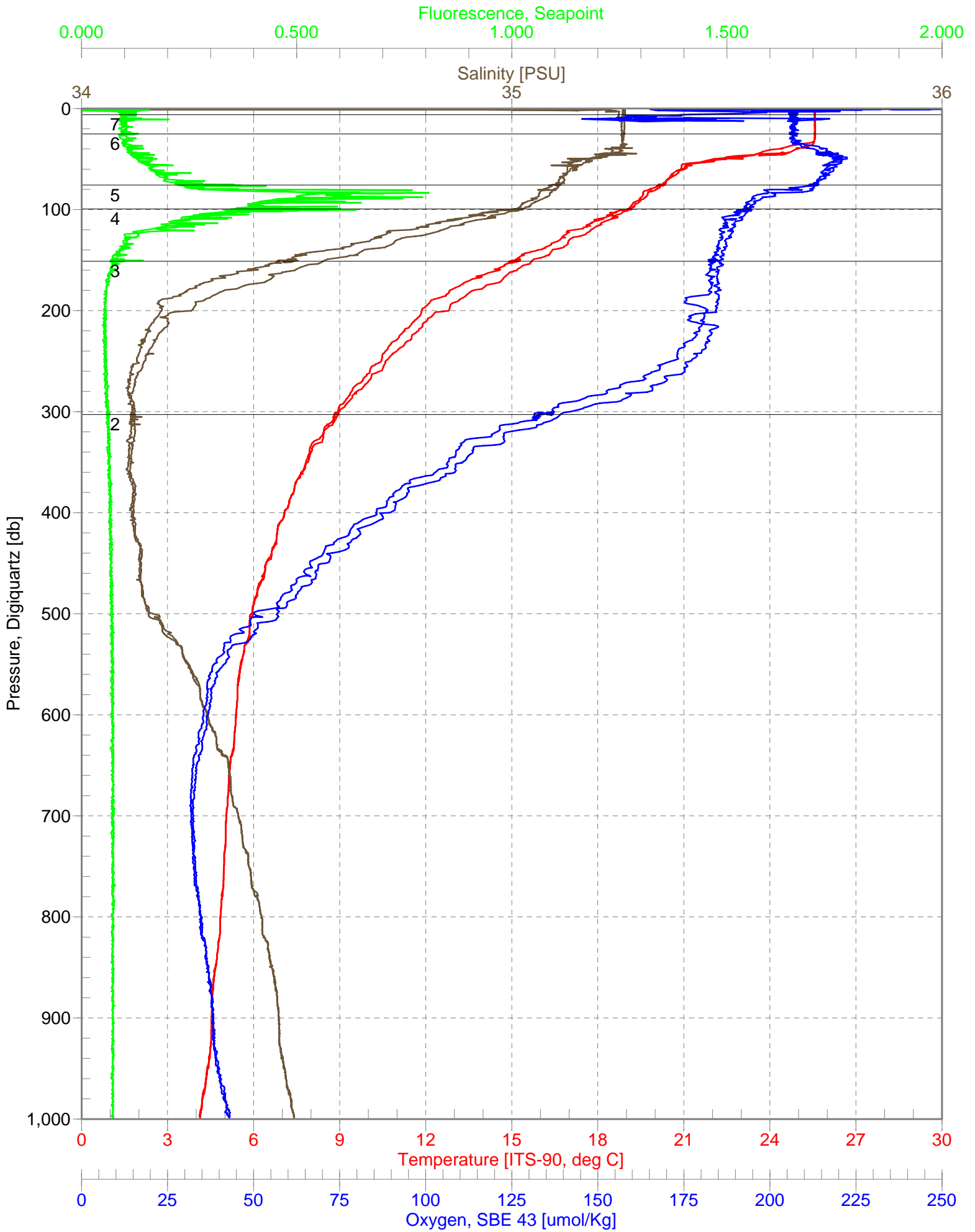
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

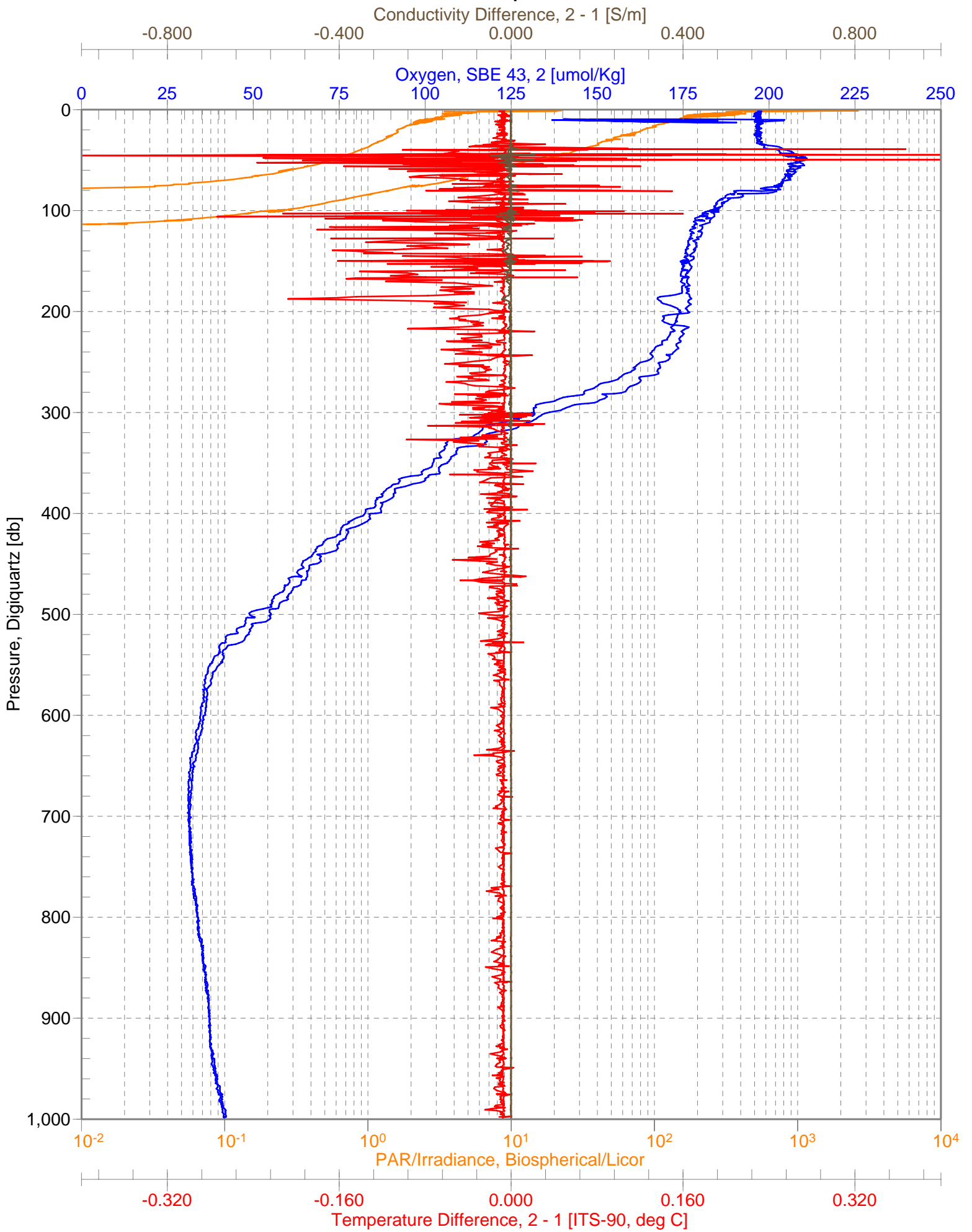
Station: 2	Cast: 2
Latitude start:19° 54.624'N end:19° 54.627'N	Longitude start:159° 20.713'W end:159° 20.712'W
Depth of water: 4461 meters	Date (GMT):173 06 /22 /10
Pressure on Deck	Time:1600
Begin:	Start Log: 15:57
End:	In Water: 15:58
Max cast pressure: 1000 dbar	Out of Water: 16:57

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	16:24:50	16:24:20	1008.750	1000	
2	16:39:00	16:39:30	302.182	300	
3	16:43:15	16:43:45	151.649	150	
4	16:47:36	16:48:06	100.870	100	
5	16:49:26	16:49:56	75.924	75	
6	16:51:19	16:51:49	44.343	45	Not marked on the graph
7	16:52:53	16:53:23	24.876	25	
8	16:54:37	16:55:07	4.797	5	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s2c2



km1010_disp2_s2c2



CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 2
 Cast # 3
 Operator(s): Bloombusters

Date: 6/22/10 (HST)
 Time: 0830 (HST)

Rosette Position	Depth (m)	Nuts	LLP/LLN	PC/PN 4L	PPO4 4L		
1	1000	1					
2	750	2					
3	500	3					
4	300	4					
5	175		5				
6	175			6(7)	6(7)		
7	150		7				
8	150			8(8)	8(8)		
9	125		9				
10	125			10(9)	10(9)		
11	100		11				
12	100			12(10)	12(10)		
13	75		13				
14	75			14(11)	14(11)		
15	45		15				
16	45			16(12)	16(12)		
17	25		17				
18	25			18(13)	18(13)		
19	5		19				
20	5			20(14)	20(14)		
21							
22							
23							
24							

Notes:

CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 2
 Cast # 3
 Operator(s): Bloombusters

Date: 6/22/10 (HST)
 Time: 0830 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	FCM	PvE		
1	1000			X			
2	750			X			
3	500			X			
4	300			X			
5	175						
6	175						
7	150						
8	150						
9	125	1	19,20,21				
10	125						
11	100	2	22,23,24				
12	100						
13	75	3	25,26,27				
14	75						
15	45	4	28,29,30				
16	45						
17	25	5	31,32,33				
18	25						
19	5	6	34,35,36		X		
20	5						
21							
22							
23							
24							

Notes:
ATP Filter #24 ran dry.

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Biomass	Bottle type	SST 25.93	Operator AA
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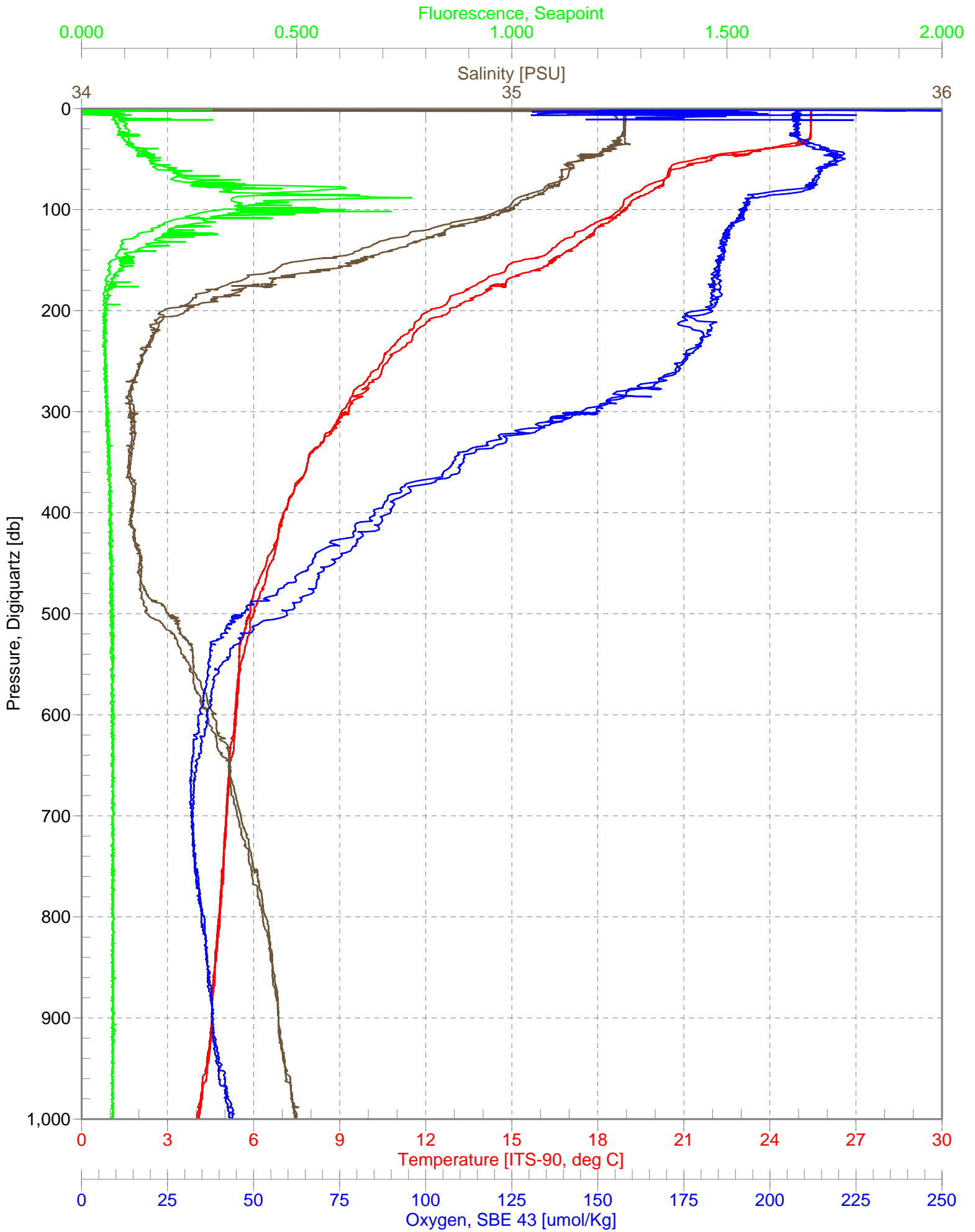
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

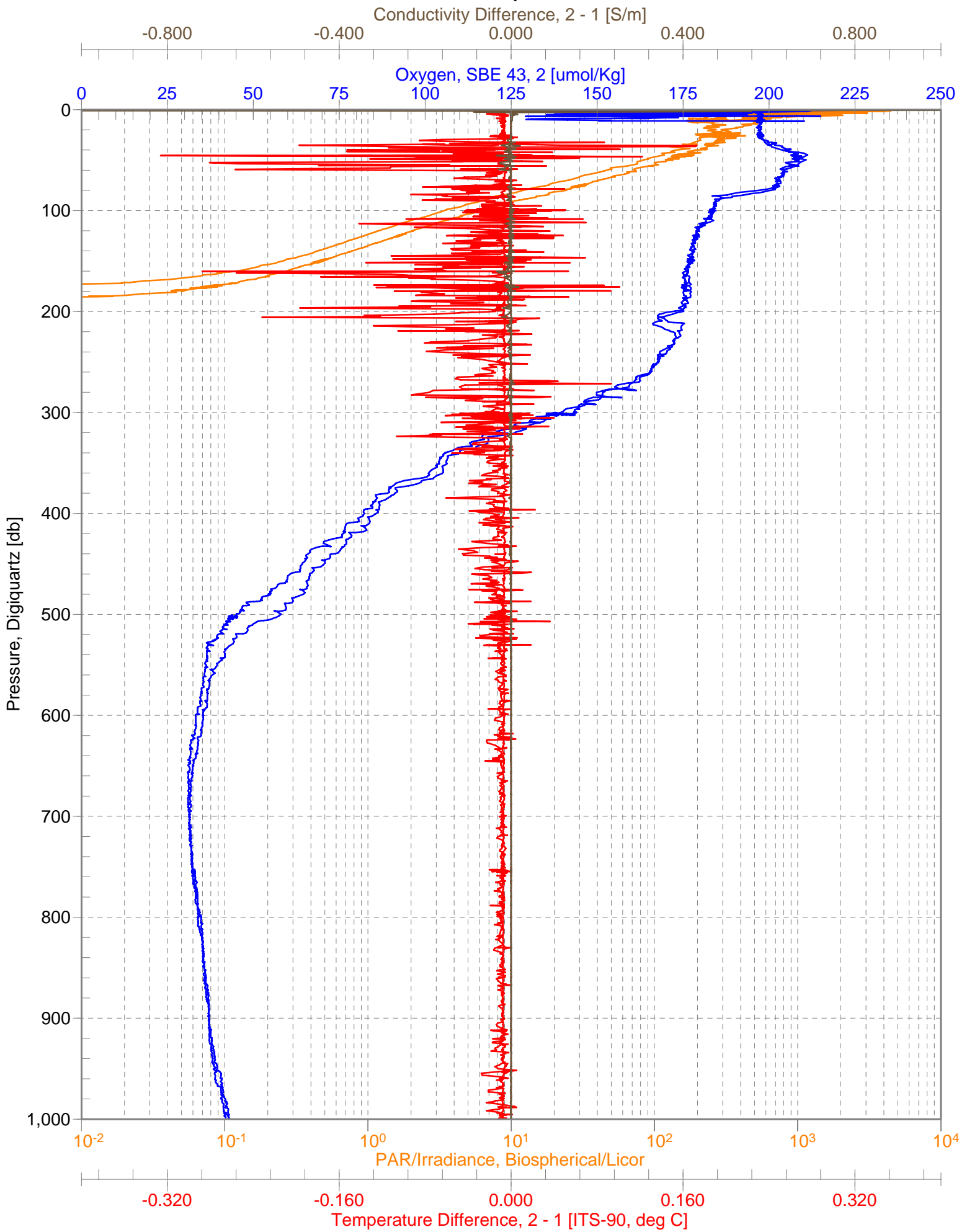
Station: 2	Cast: 3
Latitude start:19° 54.617'N end:19° 54.626'N	Longitude start:159° 20.802'W end:159° 20.810'W
Depth of water: 4463 meters	Date (GMT):173 06 /22 /10
Pressure on Deck	Time:1800
Begin:	Start Log: 1800
End:	In Water: 1827
Max cast pressure: 1000 dbar	Out of Water: 1938

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	18:52:06	18:52:55	1006.5	1000	
2	18:59:27	19:00:10	754.3	750	
3	19:07:09	19:07:43	501.9	500	
4	19:13:15	19:13:55	301.7	300	
5	19:17:41	19:18:15	157.8	175	
6		19:18:45	186.8	175	
7	19:20:29	19:21:00	149.3	150	
8		19:21:19	149.9	150	
9	19:25:51	19:23:25	125.9	125	
10		19:23:44	125.8	125	
11	19:25:30	19:26:00	100.5	100	
12		19:26:25	101.2	100	
13	19:27:50	19:28:20	75.8	75	
14		19:28:40	75.6	75	
15	19:30:23	19:30:55	46.7	45	
16		19:31:15	45.8	45	
17	19:32:30	19:33:00	25.1	25	
18		19:33:19	25.8	25	
19	19:34:34	19:35:05	5.5	5	
20		19:35:22	5.4	5	
21					
22					
23					
24					

km1010_disp1_s2c3



km1010_disp2_s2c3



CMORE/Agouon-6

CTD CAST 4 Data Sheet

Station # 2
 Cast # 4
 Operator(s): Bloombusters

Date: 6/22/10 (HST)
 Time: 1410 (HST)

Rosette Position	Depth (m)	DNA/RNA	O2	Temp (C°)			
1	4000	4					
2	4000		121	6.0			
3	3000		122	6.3			
4	2000		123	6.6			
5	1000	4					
6	1000		124	8.3			
7	750		125	8.5			
8	500		126	9.3			
9	300		127	12.2			
10	200		128	15.2			
11	125		129	19.0			
12	DCM	4					
13	DCM						
14	25	4					
15	25		130	25.7			
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Deep	Bottle type	SST 26.12	Operator Bloombusters
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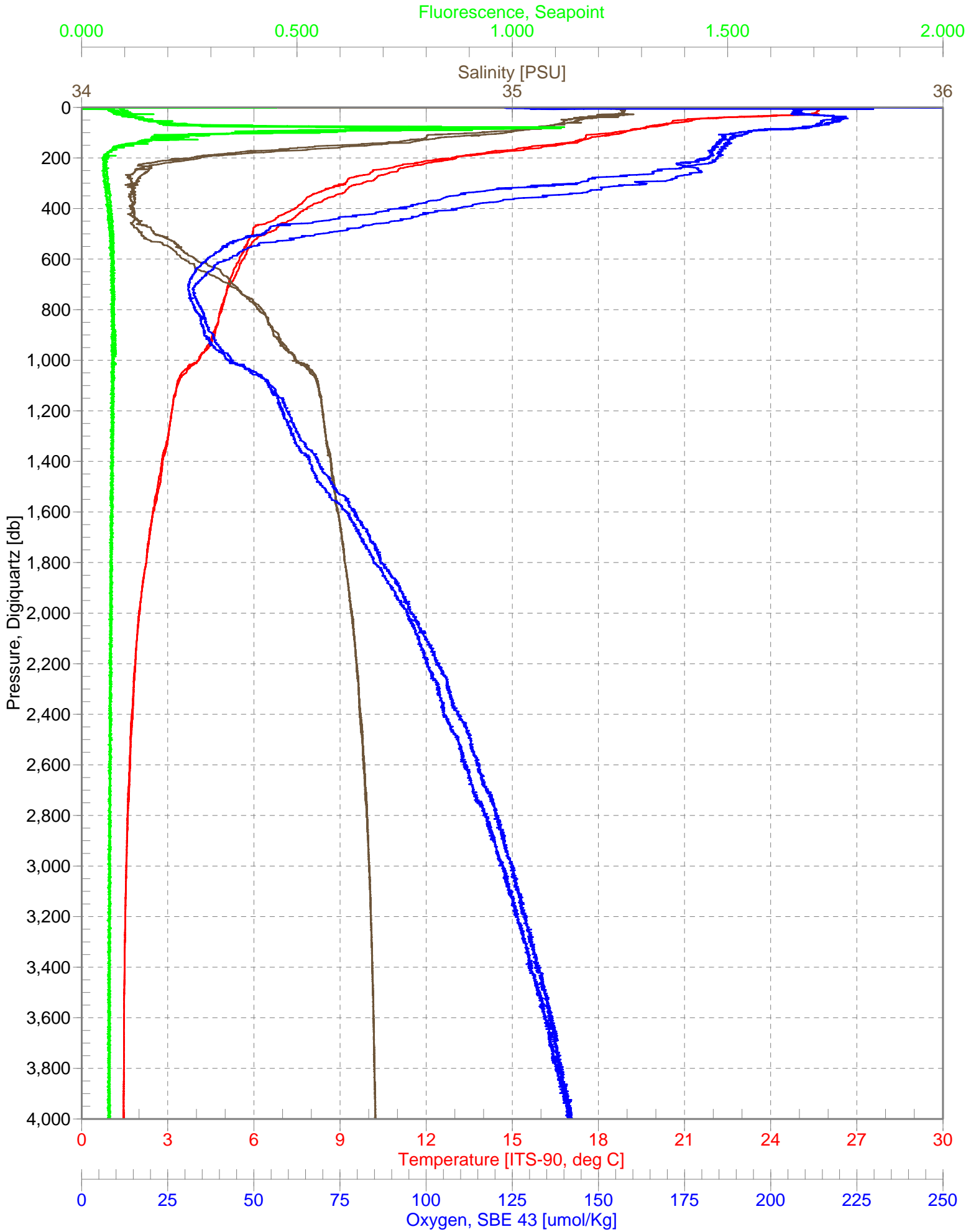
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

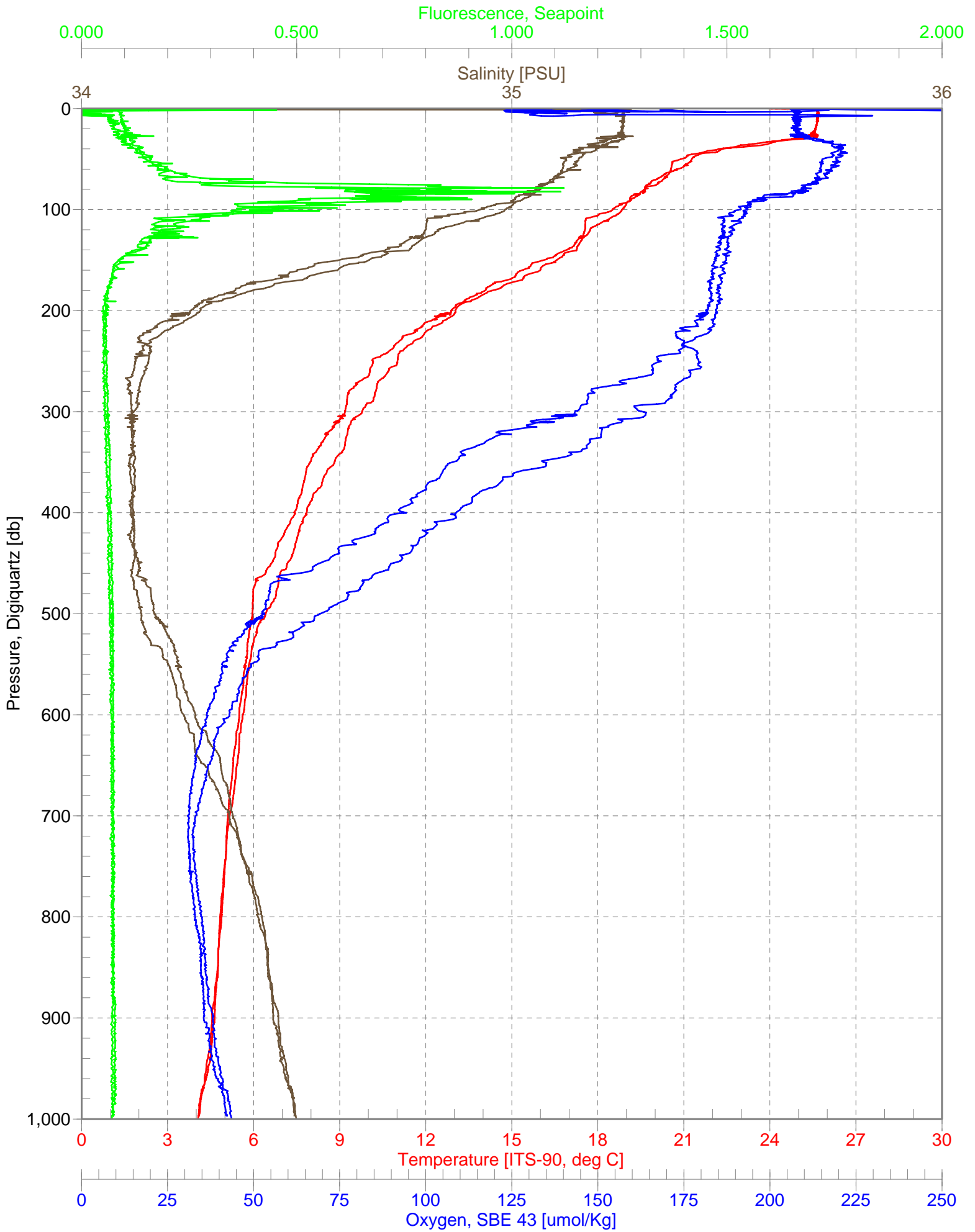
Station: 2	Cast: 4
Latitude start:19° 54.594'N end:	Longitude start:159° 21.258'W end:
Depth of water: 4461 meters	Date (GMT):174 06 /23 /10
Pressure on Deck	Time:2400
Begin:	Start Log: 00:15
End:	In Water: 00:20
Max cast pressure: 4000 dbar	Out of Water: 03:44

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	01:49:55	01:50:57	4067.73	4000	
2	01:49:55	01:51:35	4068.8	4000	
3	02:20:35	02:21:10	3043.8	3000	
4	02:43:25	02:44:00	2025.0	2000	
5	03:05:17	03:05:50	1010.2	1000	
6	03:05:17	03:06:10	1009.1	1000	
7	03:13:47	03:14:25	756.1	750	
8	03:21:58	03:22:35	503.8	500	
9	03:27:54	03:28:30	303.3	300	
10	03:31:17	03:31:57	202.5	200	
11	03:34:14	03:34:50	127.3	125	
12	03:36:53	03:37:30	82.5	80	DCM
13	03:36:53	03:37:48	82.0	80	DCM
14	03:39:45	03:40:20	27.8	25	
15	03:39:45	03:40:45	26.5	25	
16					
17					
18					
19					
20					
21					
22					
23					
24					

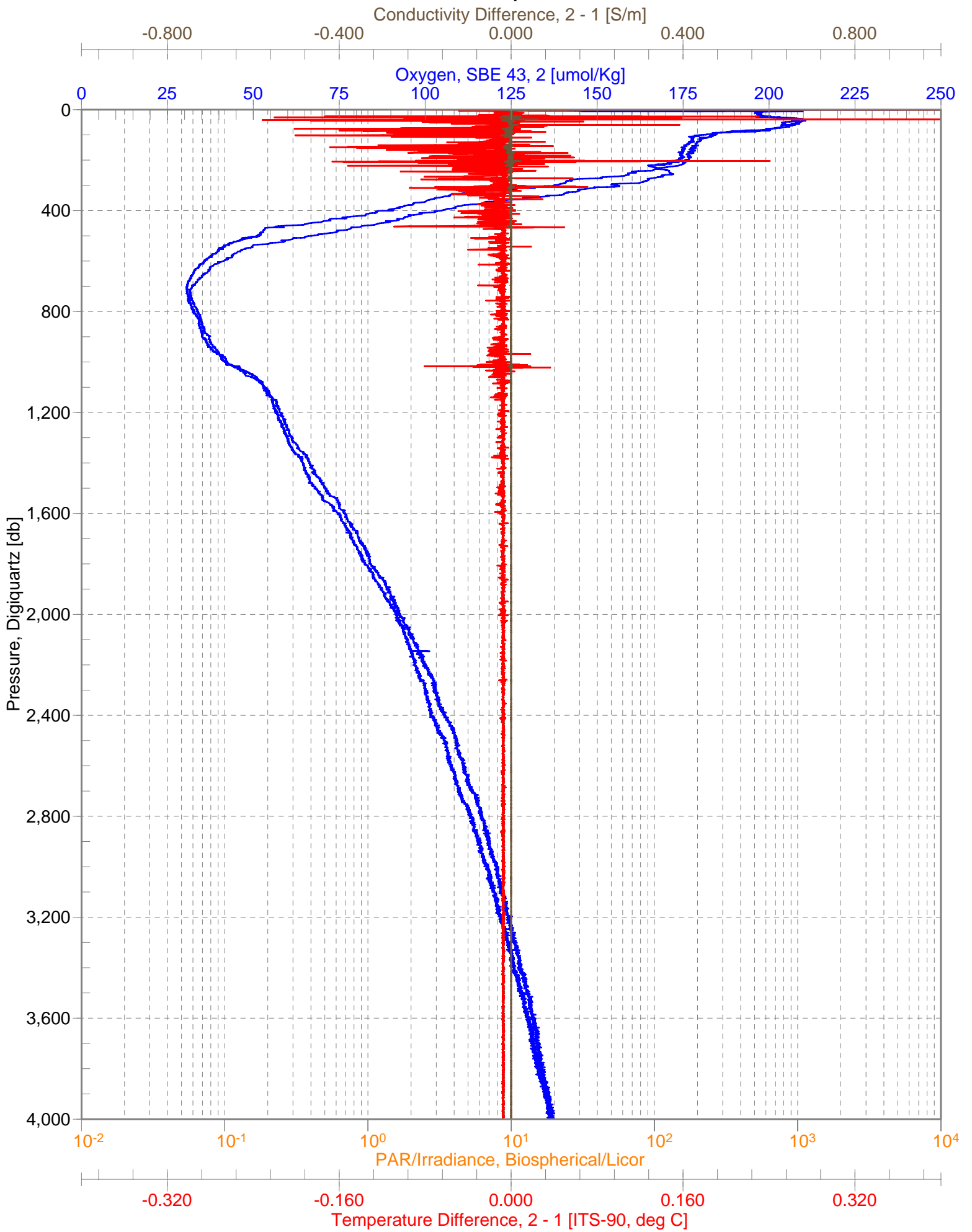
km1010_disp1_s2c4



km1010_disp1_s2c4_1000m



km1010_disp2_s2c4



CMORE/Agouron-6

CTD CAST 1 Data Sheet

Station # 3
 Cast # 1
 Operator(s): Pyrococcus Furiousus

Date: 6/23/10 (HST)
 Time: 0200 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM	Microscopy	
1	175	1-L,D	1L-1,2,3	1	1		
2	150	2-L,D	2L-1,2,3	2	2	4	
3	125	3-L,D	3L-1,2,3	3	3		
4	100	4-L,D	4L-1,2,3	4	4	3	
5	75	5-L,D	5L-1,2,3	5	5		
6	45	6-L,D	6L-1,2,3	6	6	2	
7	25	7-L,D	7L-1,2,3	7	7		
8	5	8-,L,D	8L-1,2,3	8	8	1	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Activity	Bottle type	SST	Operator Pyrofurious
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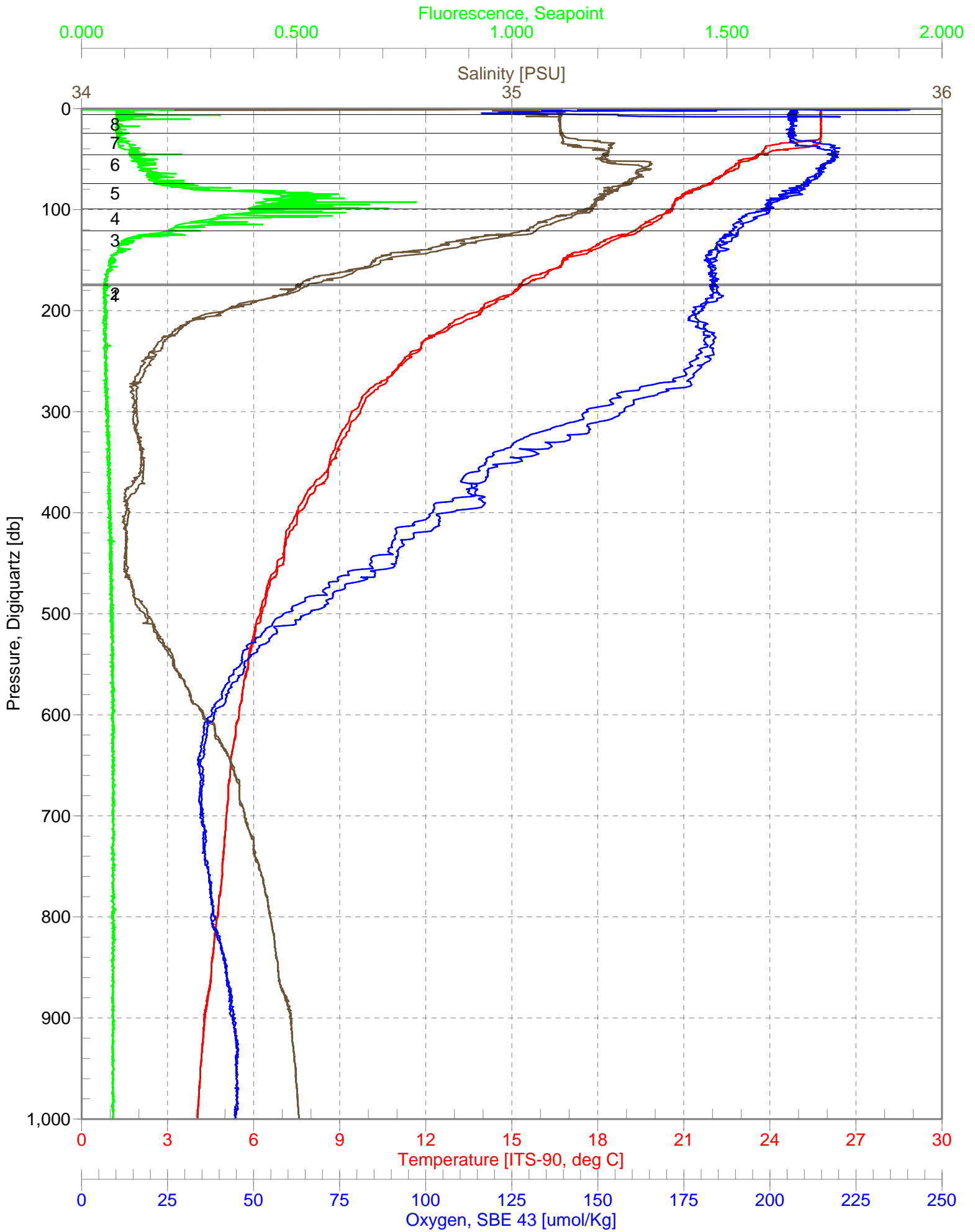
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

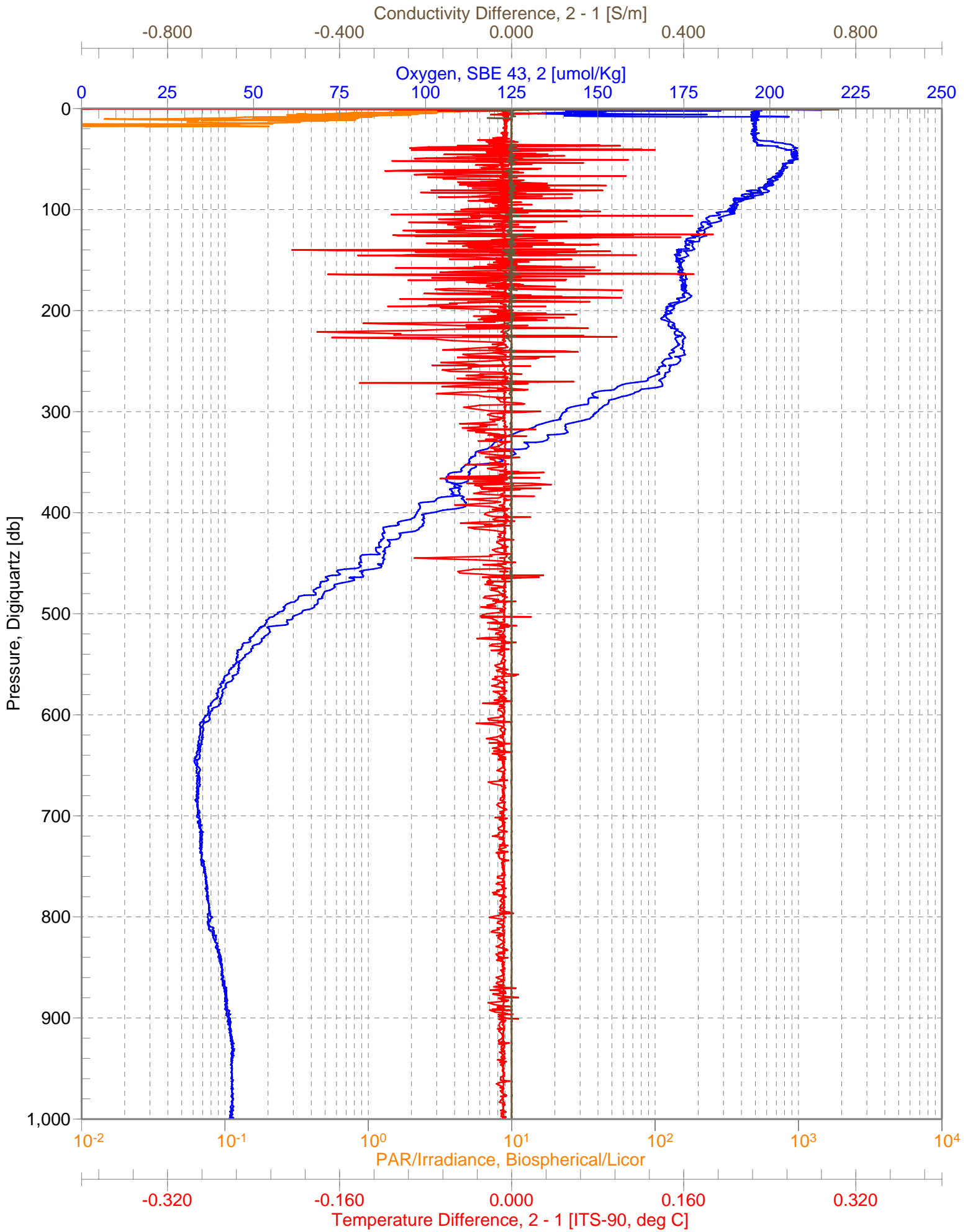
Station: 3	Cast: 1
Latitude start:20° 10.019' N end:20° 10.017' N	Longitude start:158° 45.988' W end:158° 45.996' W
Depth of water: 4283 meters	Date (GMT): 174 06 / 23 /10
Pressure on Deck	Time: 1200
Begin:	Start Log: 1218
End:	In Water: 1219
Max cast pressure: 1000 dbar	Out of Water: 1326

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	13:04:41	13:05:11	176.2	175	
2	13:07:10	13:07:40	150.4	150	
3	13:09:21	13:09:51	125.9	125	
4	13:11:01	13:11:31	99.4	100	
5	13:13:10	13:13:40	74.7	75	
6	13:15:07	13:15:37	45.3	45	
7	13:16:44	13:17:14	24.6	25	
8	13:18:20	13:18:50	6.4	5	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s3c1



km1010_disp2_s3c1



CMORE/Agouon-6

CTD CAST 2 Data Sheet

Station # 3
 Cast # 2
 Operator(s): Pyro Furious

Date: 6/23/10 (HST)
 Time: 0600 (HST)

Rosette Position	Depth (m)	DNA/RNA					
1	1000	4					
2	300	4					
3	150	4					
4	100	4					
5	75	4					
6	45	4					
7	25	4					
8	5	4					
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Diversity	Bottle type	SST 26.23	Operator Pyrofurious
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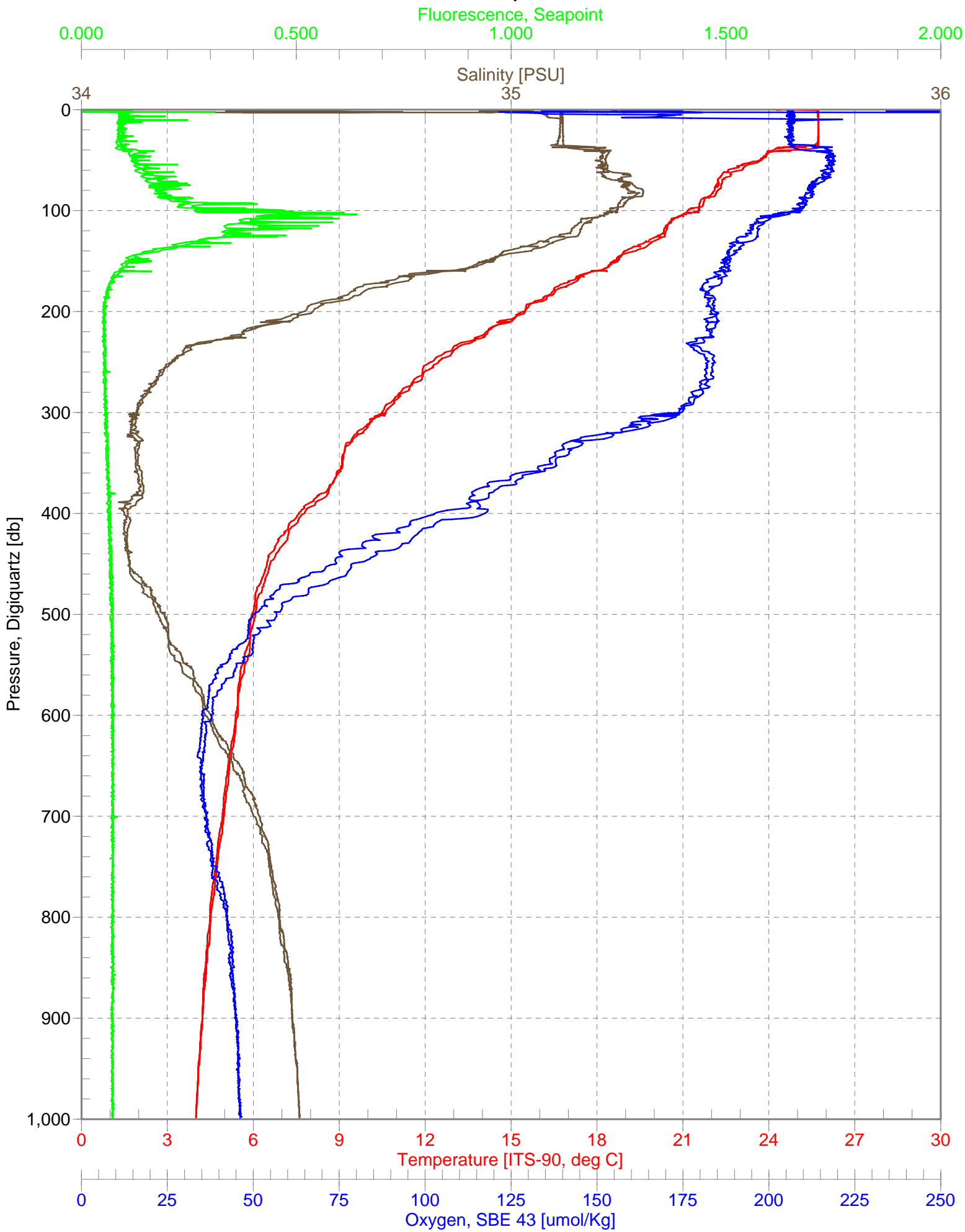
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

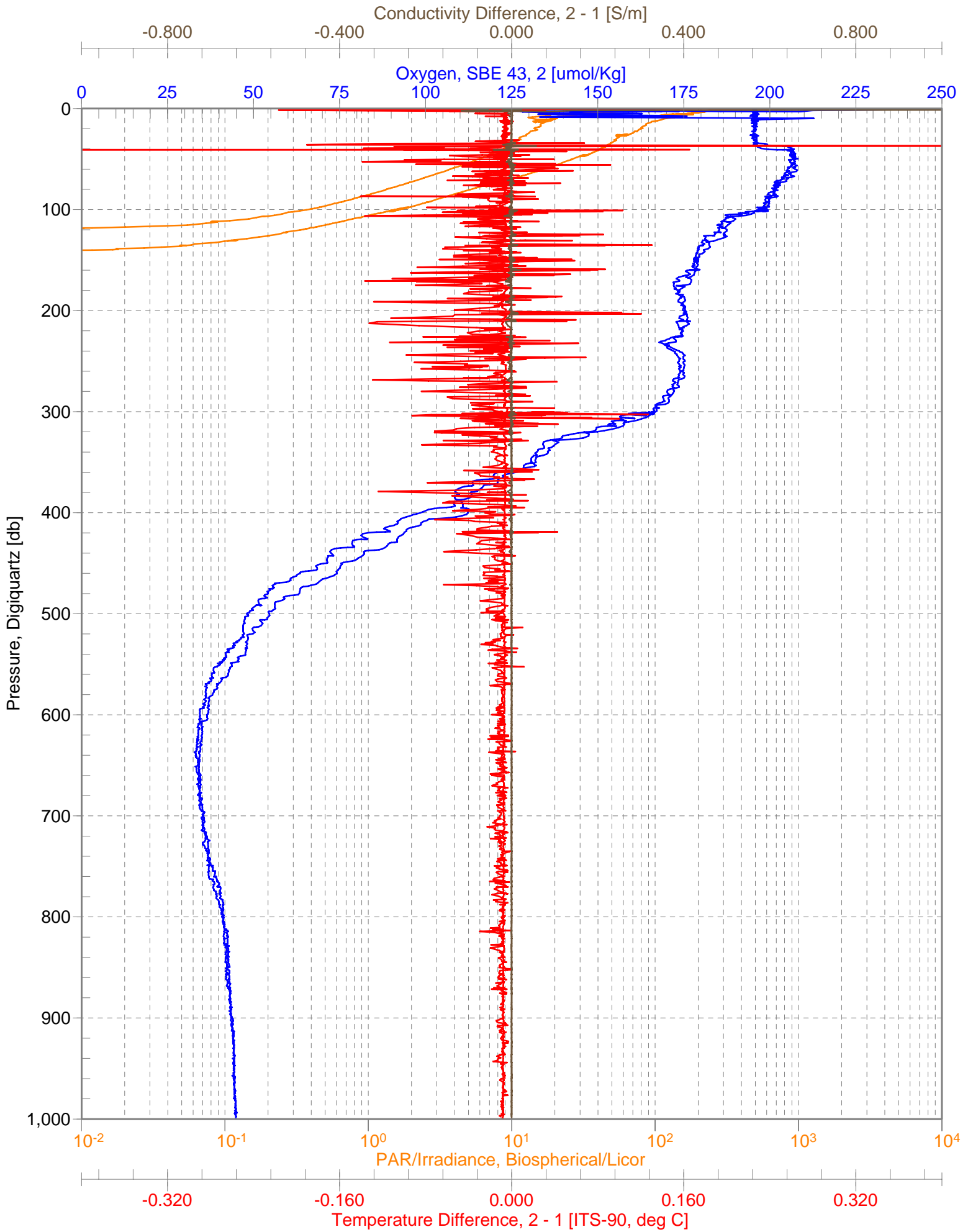
Station: 3	Cast: 2
Latitude start: 20° 9.928'N end:	Longitude start: 158° 45.897'W end:
Depth of water: 4283 meters	Date (GMT): 174 06 / 23 / 10
Pressure on Deck	Time: 1600
Begin:	Start Log: 1607
End:	In Water: 1611
Max cast pressure: 1000 dbar	Out of Water: 1714

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	16:36:23	16:36:53	1009.9	1000	
2	16:55:06	16:55:36	301.7	300	
3	17:00:06	17:00:36	149.4	150	
4	17:03:22	17:03:52	100.34	100	
5	17:05:24	17:05:54	76.8	75	
6	17:07:43	17:07:13	46.5	45	
7	17:09:43	17:09:13	26.5	25	
8	17:11:30	17:12:00	6.75	5	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s3c2



km1010_disp2_s3c2



CMORE/Agouiron-6

CTD CAST 3 Data Sheet

Station # 3
 Cast # 3
 Operator(s): Pyro Furious

Date: 6/23/10 (HST)
 Time: 0800 (HST)

Rosette Position	Depth (m)	Nuts	LLP/LLN	PC/PN 4L	PPO4 4L		
1	1000	1					
2	750	2					
3	500	3					
4	300	4					
5	200						
6	175		6				
7	175			7(7)	7(7)		
8	150		8				
9	150			9(8)	9(8)		
10	125		10				
11	125			11(9)	11(9)		
12	100		12				
13	100			13(10)	13(10)		
14	75		14				
15	75			15(11)	15(11)		
16	45		16				
17	45			17(12)	17(12)		
18	25		18				
19	25			19(13)	19(13)		
20	5		20				
21	5			21(14)	21(14)		
22							
23							
24							

Notes:

Niskin # 7 leaking when spigot opened.

CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 3
 Cast # 3
 Operator(s): Pyro Furious

Date: 6/23/10 (HST)
 Time: 0800 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	FCM	PvE		
1	1000			X			
2	750			X			
3	500			X			
4	300			X			
5	200				X		
6	175						
7	175						
8	150						
9	150						
10	125	1	37,38,39		X		
11	125						
12	100	2	40,41,42				
13	100						
14	75	3	43,44,45				
15	75						
16	45	4	46,47,48				
17	45						
18	25	5	49,50,51		X		
19	25						
20	5	6	52,53,54				
21	5						
22							
23							
24							

Notes:

**Niskin # 7 leaking spigot upon opening.
 ATP samples # 41, 42 frit on upside down – filter broken.**

Km1010 Agouon-CMORE CONSOLE LOG

Cast type Biomass	Bottle type	SST 26.2	Operator Pyrofurious
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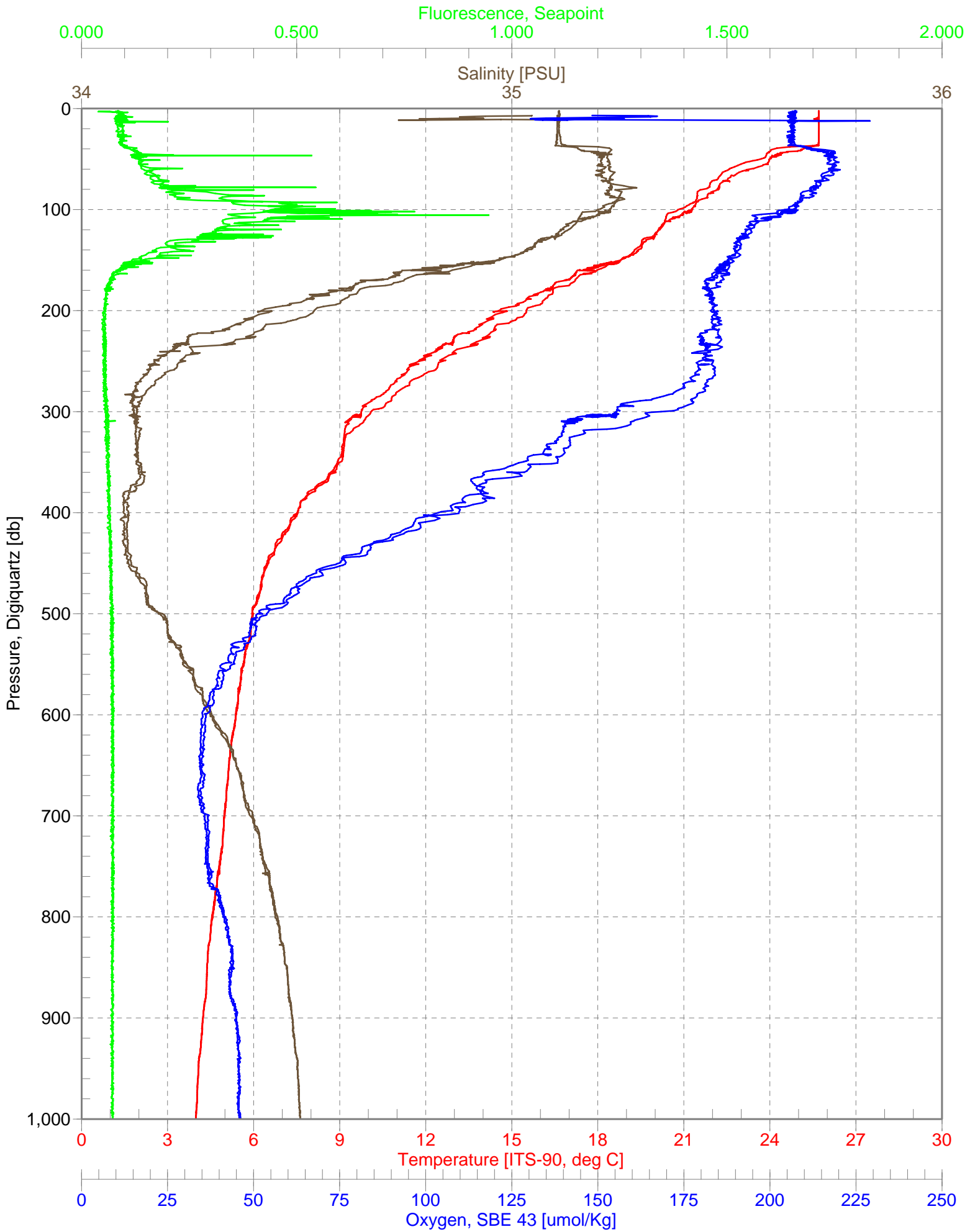
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

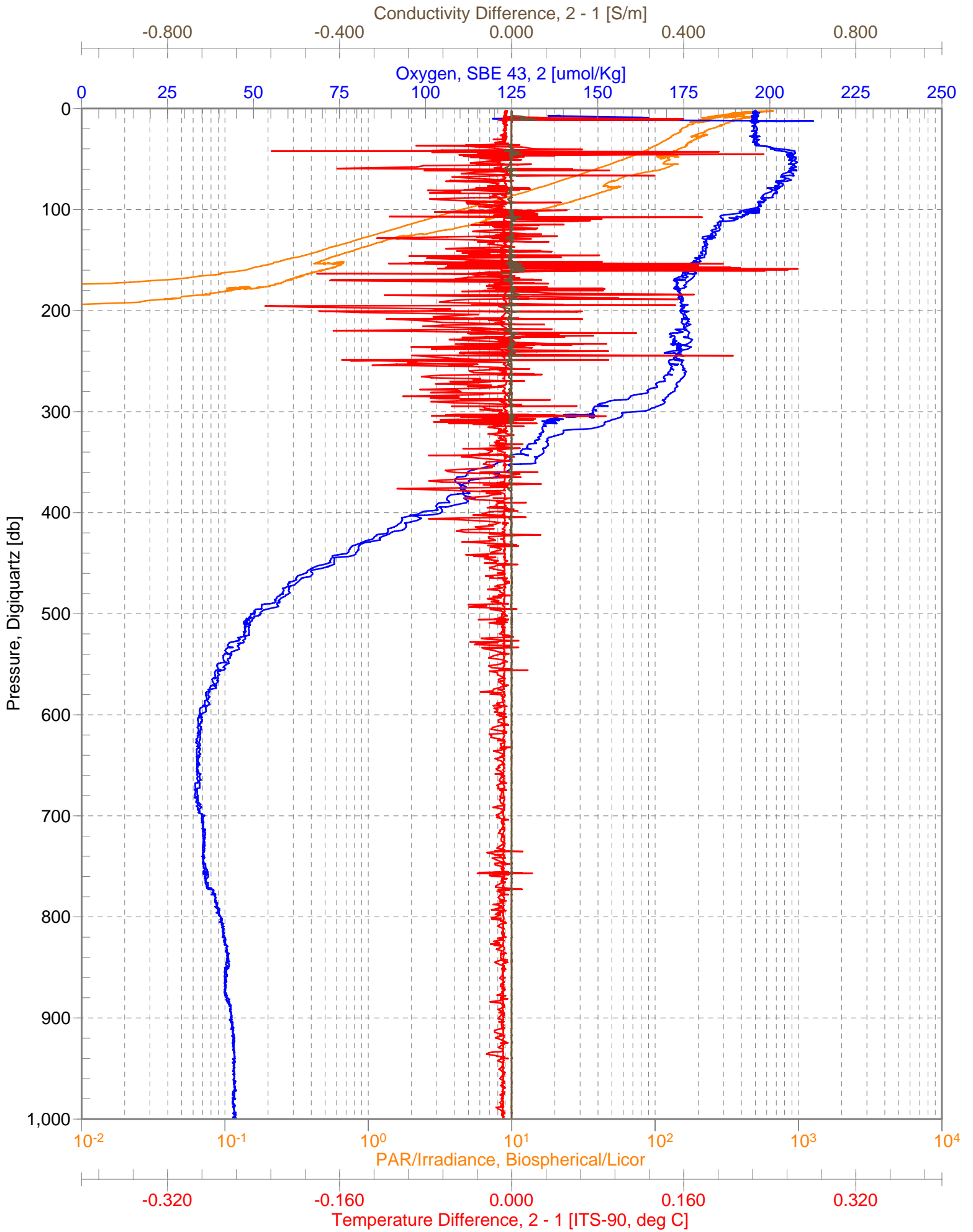
Station: 3	Cast: 3
Latitude start:20° 9.944' N end:20° 9.949' N	Longitude start:158° 45.879' W end:158° 45.863' W
Depth of water: 4289 meters	Date (GMT):174 06 / 23 /10
Pressure on Deck	Time:1800
Begin:	Start Log: 1812
End:	In Water: 1814
Max cast pressure: 1000 dbar	Out of Water: 1925

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	18:37:00	18:37:30	1010.7	1000	
2	18:44:00	18:44:30	756.6	750	
3	18:50:30	18:51:00	505.9	500	
4	18:56:30	18:57:00	303.7	300	
5	19:02:00	19:02:30	230.9	O2	Oxygen feature ~ 230 meters
6	19:05:00	19:05:30	177.5	175	
7		19:05:35	177.7	175	
8	19:08:00	19:08:30	153.1	150	
9		19:08:35	153.5	150	
10	19:10:30	19:11:00	127.0	125	
11		19:11:05	127.4	125	
12	19:13:00	19:13:30	101.3	100	
13		19:13:35	101.2	100	
14	19:15:00	19:15:30	78.0	75	
15		19:15:35	77.4	75	
16	19:17:00	19:17:30	47.1	45	
17		19:17:35	46.7	45	
18	19:18:30	19:19:00	25.8	25	
19		19:19:05	26.0	25	
20	19:20:00	19:20:30	7.2	5	
21		19:20:35	6.7	5	
22					
23					
24					

km1010_disp1_s3c3



km1010_disp2_s3c3



CMORE/Agouon-6

CTD CAST 1 Data Sheet

Station # 4
 Cast # 1
 Operator(s): Sea Monkeys

Date: 6/24/10 (HST)
 Time: 0200 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM	Microscopy	
1	175	1-L,D	1L-1,2,3	1	1		
2	150	2-L,D	2L-1,2,3	2	2	4	
3	125	3-L,D	3L-1,2,3	3	3		
4	100	4-L,D	4L-1,2,3	4	4	3	
5	75	5-L,D	5L-1,2,3	5	5		
6	45	6-L,D	6L-1,2,3	6	6	2	
7	25	7-L,D	7L-1,2,3	7	7		
8	5	8-,L,D	8L-1,2,3	8	8	1	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Activity	Bottle type	SST 25.96	Operator Ramiro
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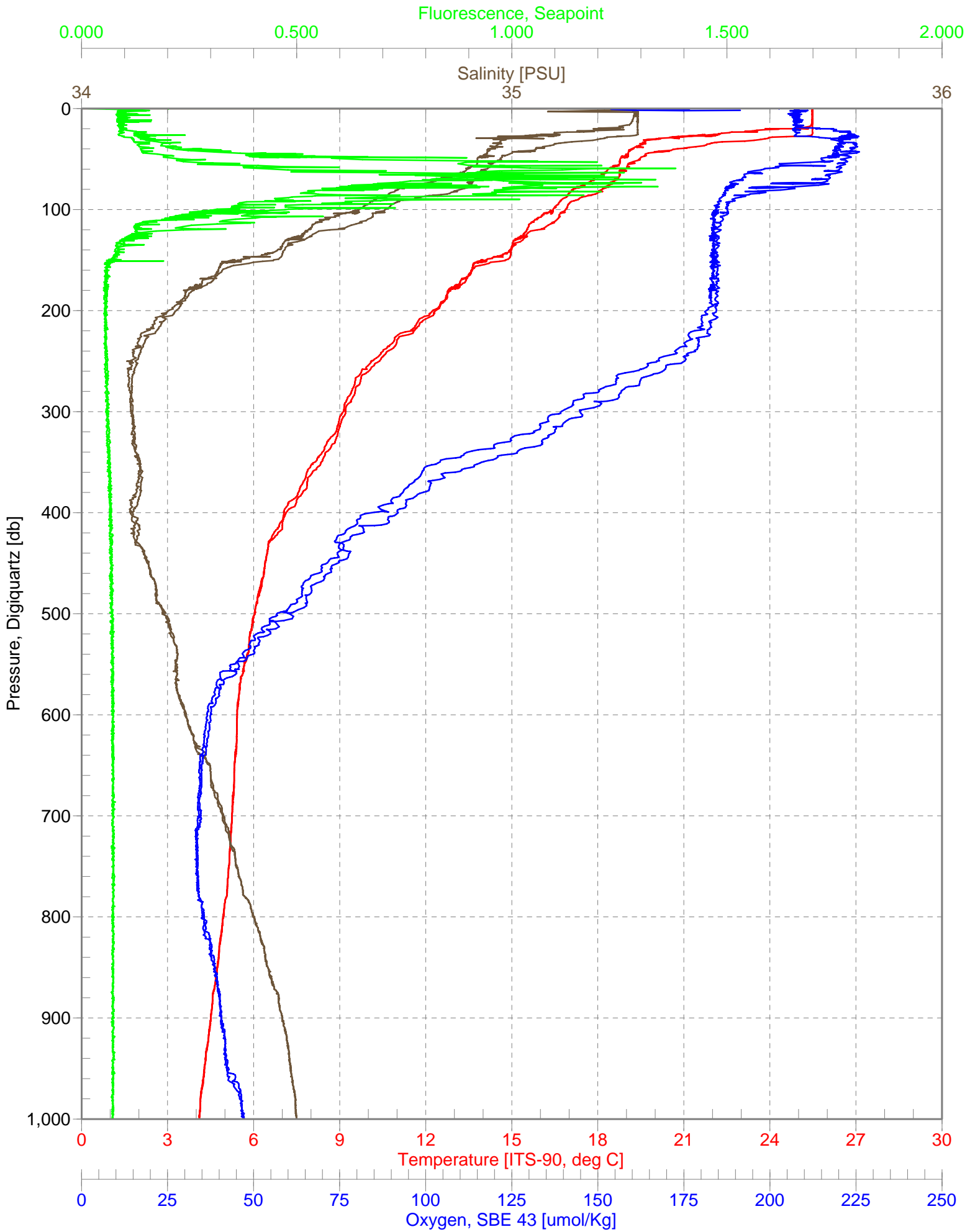
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

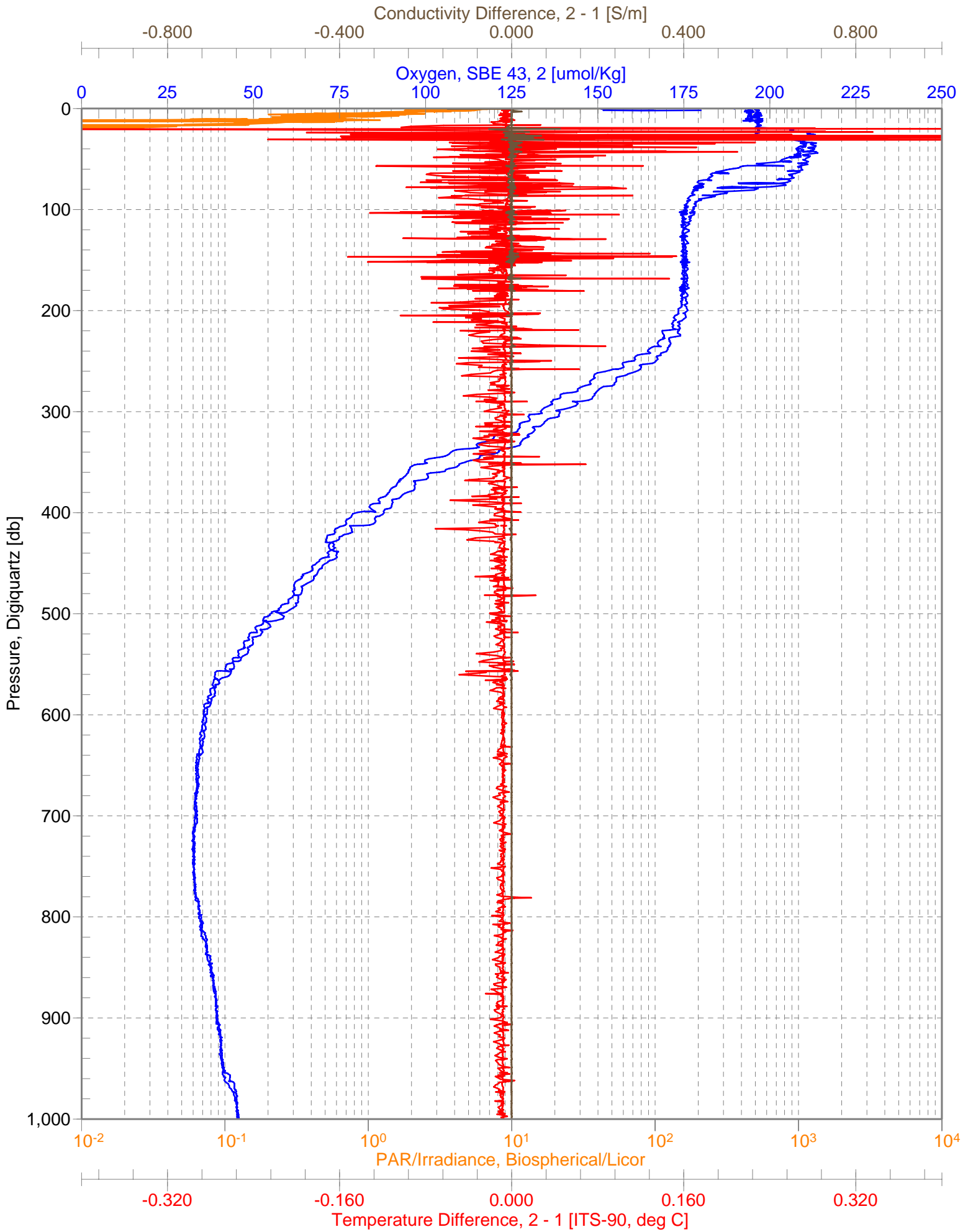
Station: 4	Cast: 1
Latitude start:20° 17.988' N end:20° 17.989' N	Longitude start:159° 29.996' W end:159° 29.996' W
Depth of water: 4538 meters	Date (GMT):174 06 / 24 /10
Pressure on Deck	Time:12:00
Begin:	Start Log: 12:00
End:	In Water: 12:01
Max cast pressure: 1000 dbar	Out of Water: 13:11:35

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	12:45:59	12:46:40	175	175	
2	12:49:34	12:50:04	151	150	
3	12:52:39	12:53:10	126	125	
4	12:55:23	12:56:00	101	100	
5	12:57:56	12:58:30	76	75	
6	13:00:26	13:01:00	45	45	
7	13:02:36	13:03:10	26	25	
8	13:04:25	13:05:00	6	5	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s4c1



km1010_disp2_s4c1



CMORE/Agouon-6

CTD CAST 2 Data Sheet

Station # 4
Cast # 2
Operator(s): Sea Monkeys

Date: 6/24/10 (HST)
Time: 0600 (HST)

Rosette Position	Depth (m)	DNA/RNA					
1	1000	4					
2	300	4					
3	150	4					
4	100	4					
5	75	4					
6	45	4					
7	25	4					
8	5	4					
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Diversity	Bottle type	SST 25.9	Operator Emily Saeck
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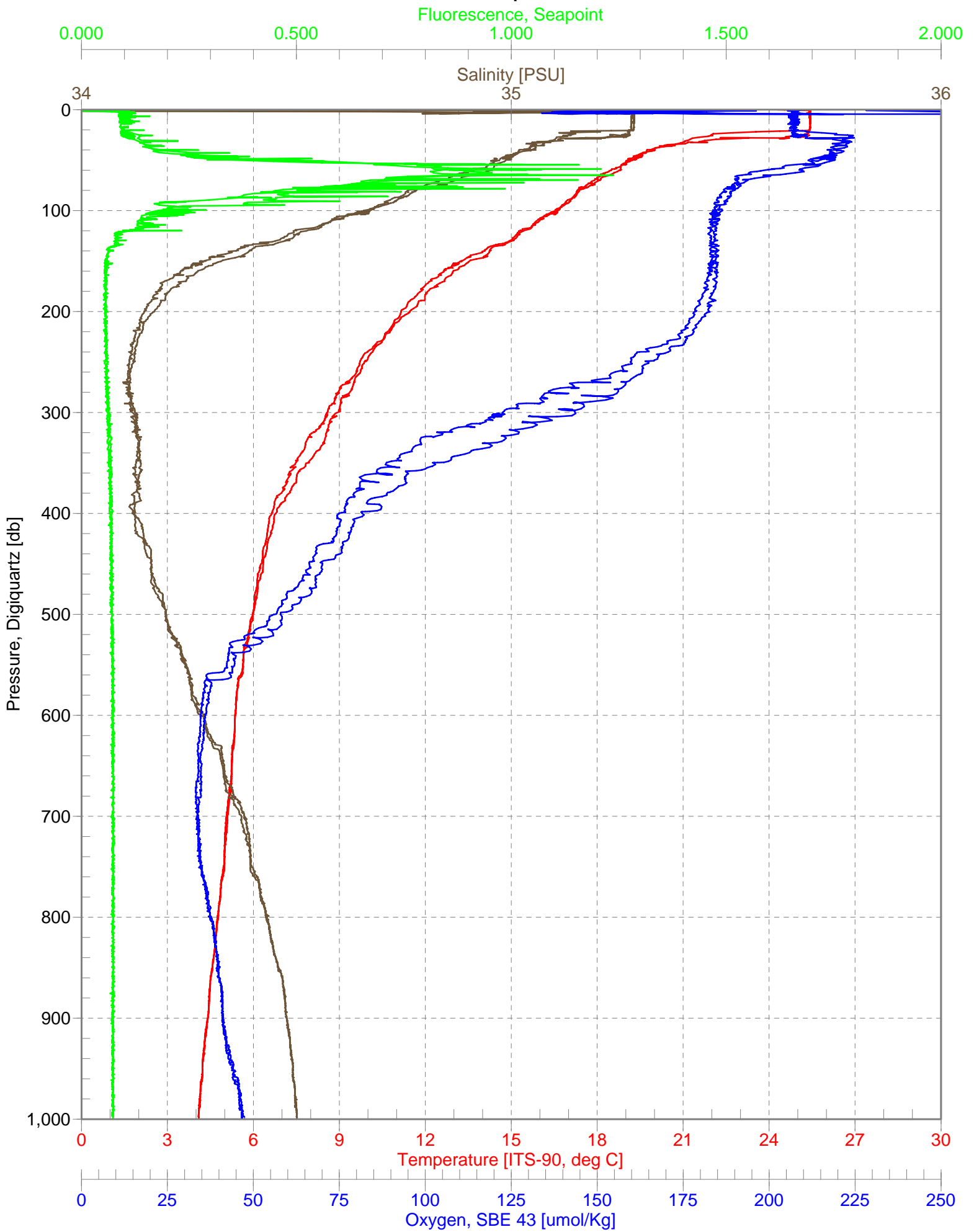
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

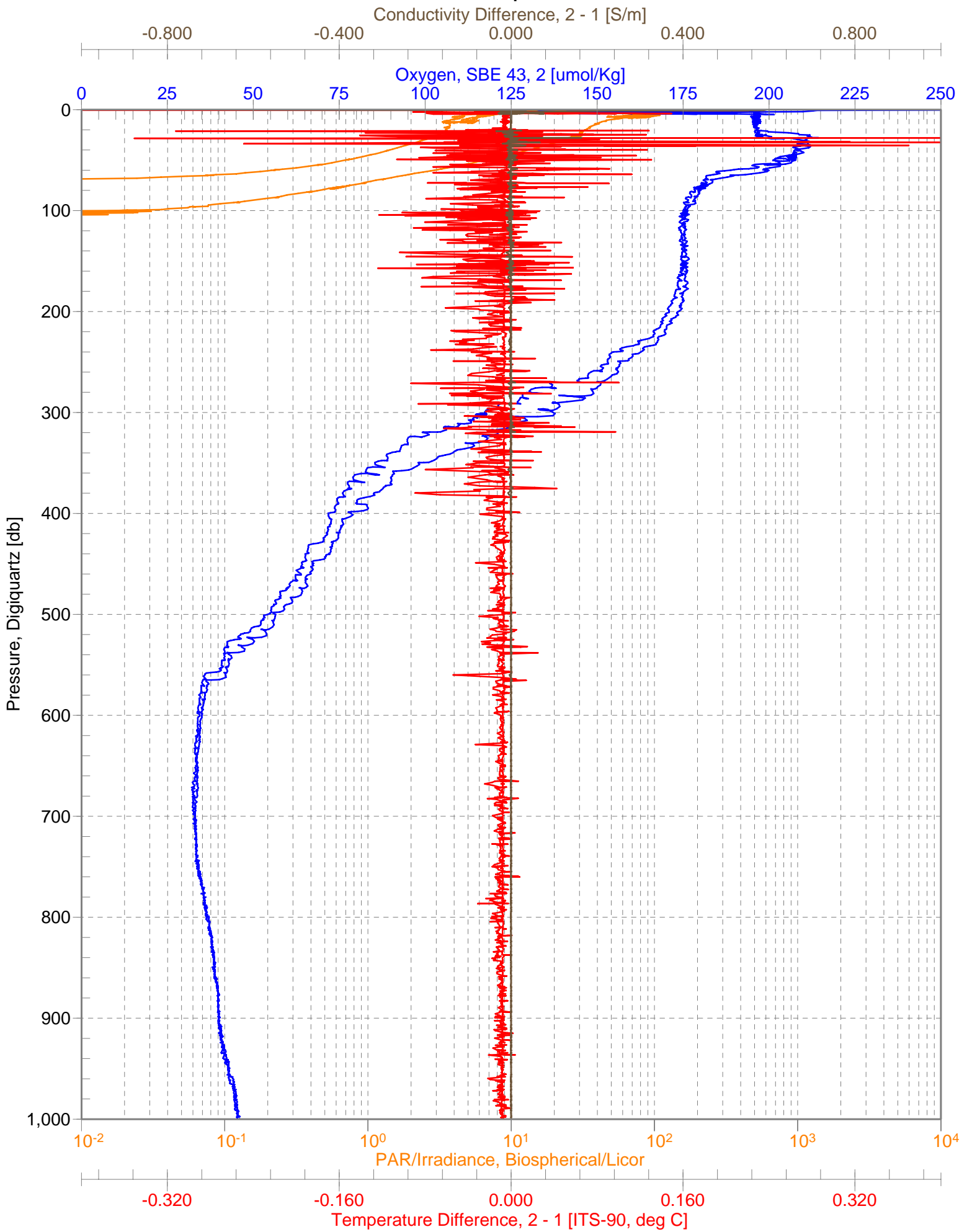
Station: 4	Cast: 2
Latitude start:20° 18.191' N end:20° 18.167' N	Longitude start:159° 29.598' W end:159° 29.593' W
Depth of water: 4538 meters	Date (GMT):175 06 / 24 /10
Pressure on Deck	Time:16:00
Begin:	Start Log: 16:03
End:	In Water: 16:07
Max cast pressure: 1000 dbar	Out of Water: 17:17

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	16:35:21	16:35:52	1009.47	1000	Marked as 1
2	16:55:59	16:56:29	301.48	300	
3	17:00:54	17:01:24	154.35	150	
4	17:03:43	17:04:13	102.15	100	
5	17:05:47	17:06:17	77.72	75	Marked as 2
6	17:08:04	17:08:34	47.55	45	Marked as 3
7	17:09:55	17:10:25	25.41	25	
8	17:11:53	17:12:23	6.45	5	Marked as 4
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s4c2



km1010_disp2_s4c2



CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 4
 Cast # 3
 Operator(s): Sea Monkeys

Date: 6/24/10 (HST)
 Time: 0800 (HST)

Rosette Position	Depth (m)	Nuts	LLP/LLN	PC/PN 4L	PPO4 4L	Daniella	
1	1000	1					
2	750	2					
3	500	3					
4	300	4					
5	175		5				
6	175			6(7)	6(7)		
7	150		7				
8	150			8(8)	8(8)		
9	125		9				
10	125			10(9)	10(9)		
11	100		11				
12	100			12(10)	12(10)		
13	75		13				
14	75			14(11)	14(11)		
15	45		15				
16	45			16(12)	16(12)		
17	25		17				
18	25			18(13)	18(13)		
19	25					4	
20	5		20				
21	5			21(14)	21(14)		
22							
23							
24							

Notes:

CMORE/Agouon-6

CTD CAST 3 Data Sheet

Station # 4
 Cast # 3
 Operator(s): Sea Monkeys

Date: 6/24/10 (HST)
 Time: 0800 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	FCM	PvE		
1	1000			X			
2	750			X			
3	500			X			
4	300			X			
5	175						
6	175						
7	150						
8	150						
9	125	1	55,56,57				
10	125						
11	100	2	58,59,60				
12	100						
13	75	3	61,62,63				
14	75						
15	45	4	64,65,66		X		
16	45						
17	25	5	67,68,69		X		
18	25						
19	25						
20	5	6	70,71,72				
21	5						
22							
23							
24							

Notes:

Km1010 Agouron-CMORE CONSOLE LOG

Cast type Biomass	Bottle type	SST 25.9	Operator Paula
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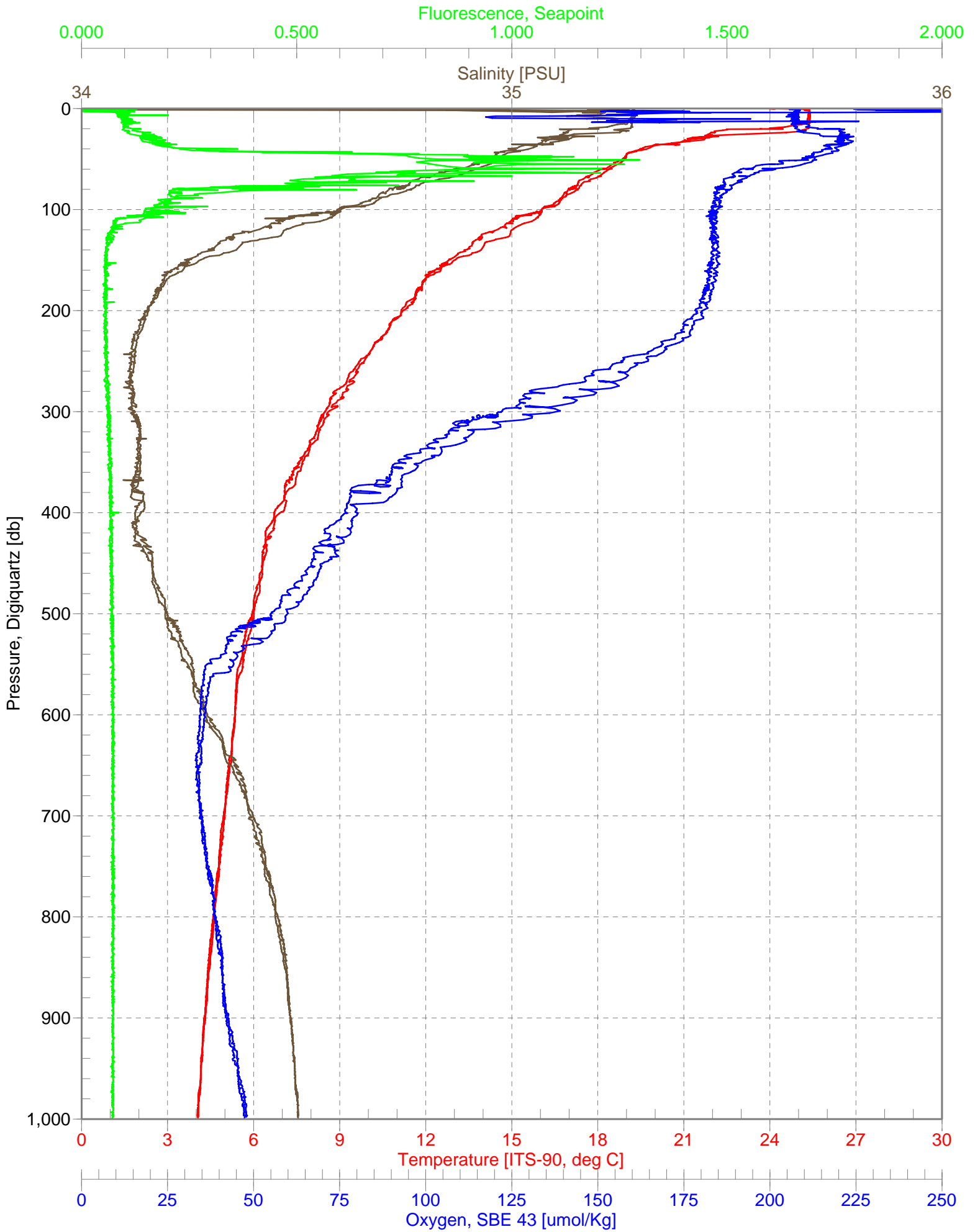
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

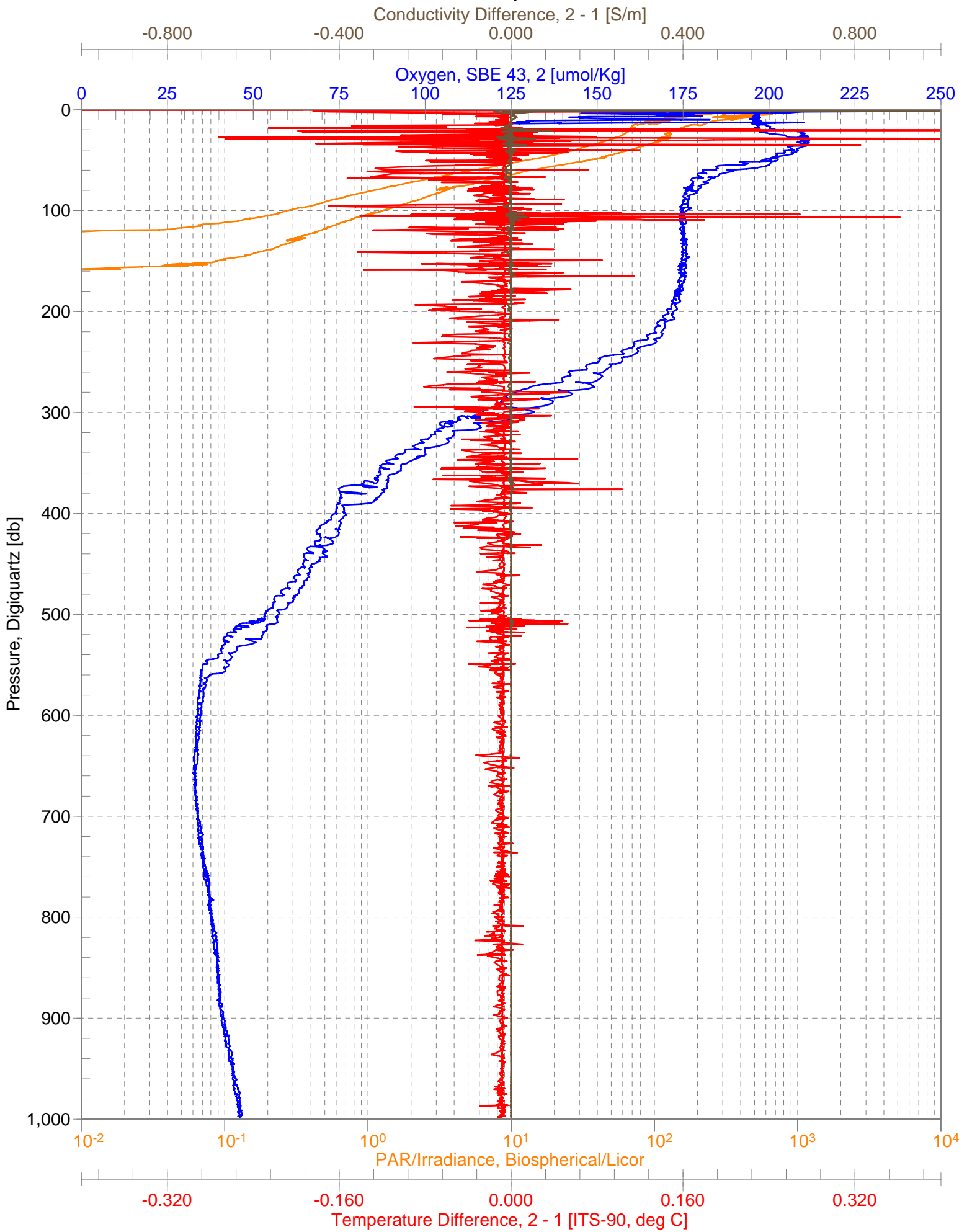
Station: 4	Cast: 3
Latitude start:20° 18.135' N end:20° 18.167' N	Longitude start:159° 29.594' W end:159° 29.596' W
Depth of water: 4536 meters	Date (GMT):175 06 / 24 /10
Pressure on Deck	Time:1800
Begin:	Start Log: 1800
End:	In Water: 1807
Max cast pressure: 1000 dbar	Out of Water: 1922

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	18:34:23	18:34:53	1010.4	1000	
2	18:42:35	18:43:05	757.7	750	
3	18:51:17	18:51:47	505.3	500	
4	18:58:10	18:58:40	305.7	300	
5	19:02:46	19:03:16	178.0	175	
6		19:03:21	178.7	175	
7	19:05:20	19:05:50	154.4	150	
8		19:05:55	154.5	150	
9	19:07:40	19:08:10	129.9	125	
10		19:08:15	128.3	125	
11	19:09:53	19:10:23	103.7	100	
12		19:10:28	102.7	100	
13	19:11:54	19:12:24	78.8	75	
14		19:12:29	76.9	75	
15	19:14:42	19:15:12	48.2	45	
16		19:15:17	47.7	45	
17	19:16:46	19:17:16	27.3	25	
18		19:17:21	27.7	25	
19		19:17:26	28.3	25	
20	19:19:00	19:19:30	5.0	5	
21		19:19:35	6.3	5	
22					
23					
24					

km1010_disp1_s4c3



km1010_disp2_s4c3



Km1010 Agouron-CMORE CONSOLE LOG

Cast type	Bottle type	SST 26.5	Operator Updyke
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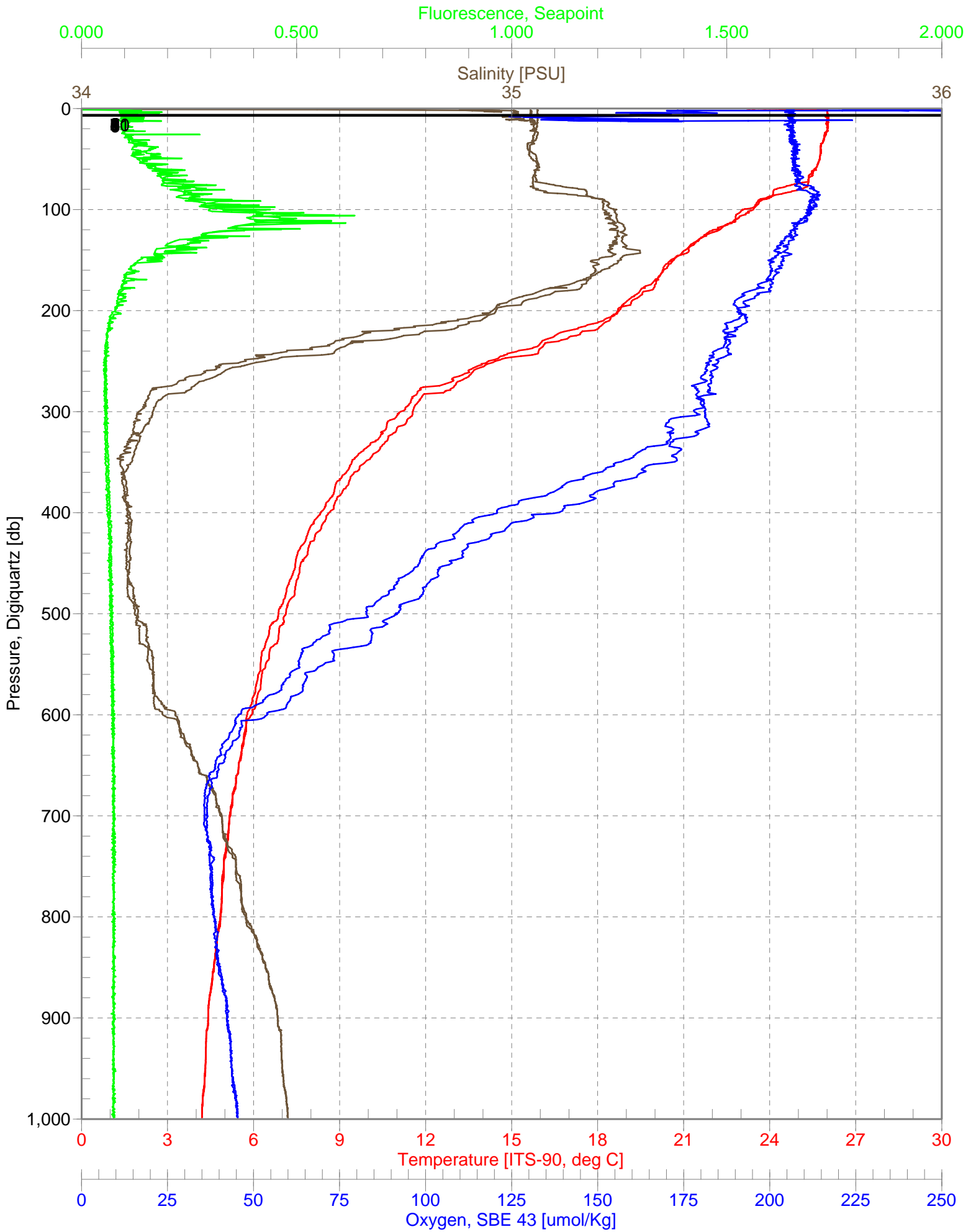
- Wetlabs LSS (SeaTech) s/n _____
- Fluoro WetLab ECO-AFL (FLNTURDT-1303)
- OTG Seapoint Fluorometer s/n _____
- Biospherical QSP2300 PAR
- ISUS

Time-GMT	Comments

Station: 5	Cast: 1
Latitude start:21° 28.848' N end:21° 28.854' N	Longitude start:158° 21.218' W end:158° 21.214' W
Depth of water: 2024 meters	Date (GMT):177 06 / 26 /10
Pressure on Deck	Time:0545
Begin:	Start Log: 0550
End:	In Water: 0554
Max cast pressure: 1000 dbar	Out of Water: 0643

Trip/ Niskin	Time	Confirm	Pressure	Target Depth	Comments
	stopped	tripped			
1	06:39:30	06:40:00	6.2	5	
2			5.8	5	
3			5.8	5	
4			6.0	5	
5			7.0	5	
6			7.2	5	
7			5.8	5	
8			6.3	5	
9			6.0	5	
10			6.5	5	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

km1010_disp1_s5c1



km1010_disp2_s5c1

