

CMORE/Agouon-8

CTD Data Sheet

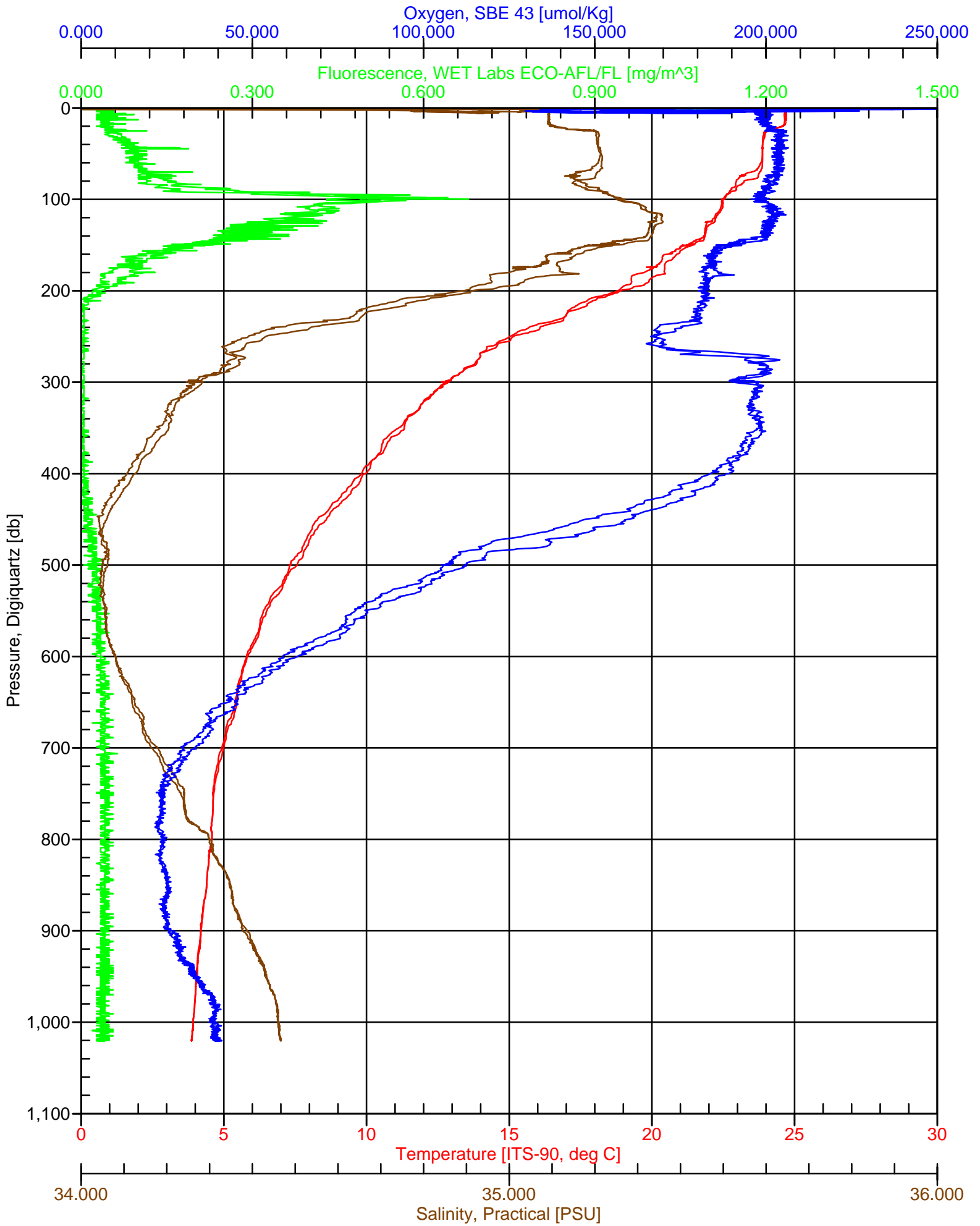
Station # 1
 Cast # 1
 Operator(s): BU,JS,AL,OS,JD

Date: 6/12/12 (HST)
 Time: 0300 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM		
1	1000				X		
2	1000						
3	750				X		
4	750						
5	500				X		
6	500						
7	300				X		
8	300						
9	175	1-L,D		1	X		
10	175						
11	150						
12	150	2-L,D		2	X		
13	125	3-L,D	3L-1,2,3	3	X		
14	125						
15	100	4-L,D	4L-1,2,3	4	X		
16	100						
17	75	5-L,D	5L-1,2,3	5	X		
18	75						
19	45	6-L,D	6L-1,2,3	6	X		
20	45						
21	25	7-L,D	7L-1,2,3	7	X		
22	25						
23	5	8-L,D	8L-1,2,3	8	X		
24	5						

Notes:

AG8_S1C1.hex



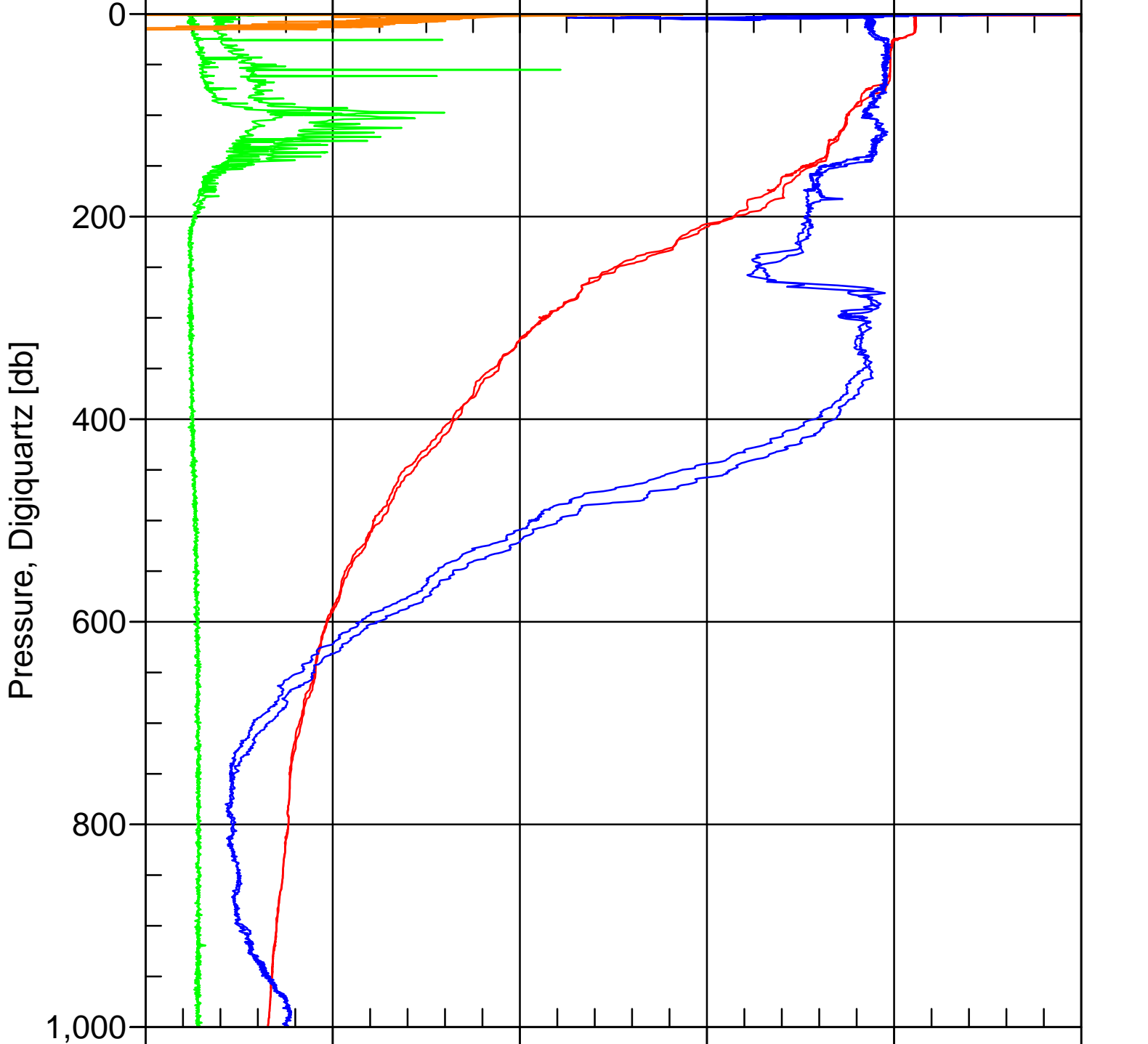
AG8_S1C1.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [umol/Kg]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

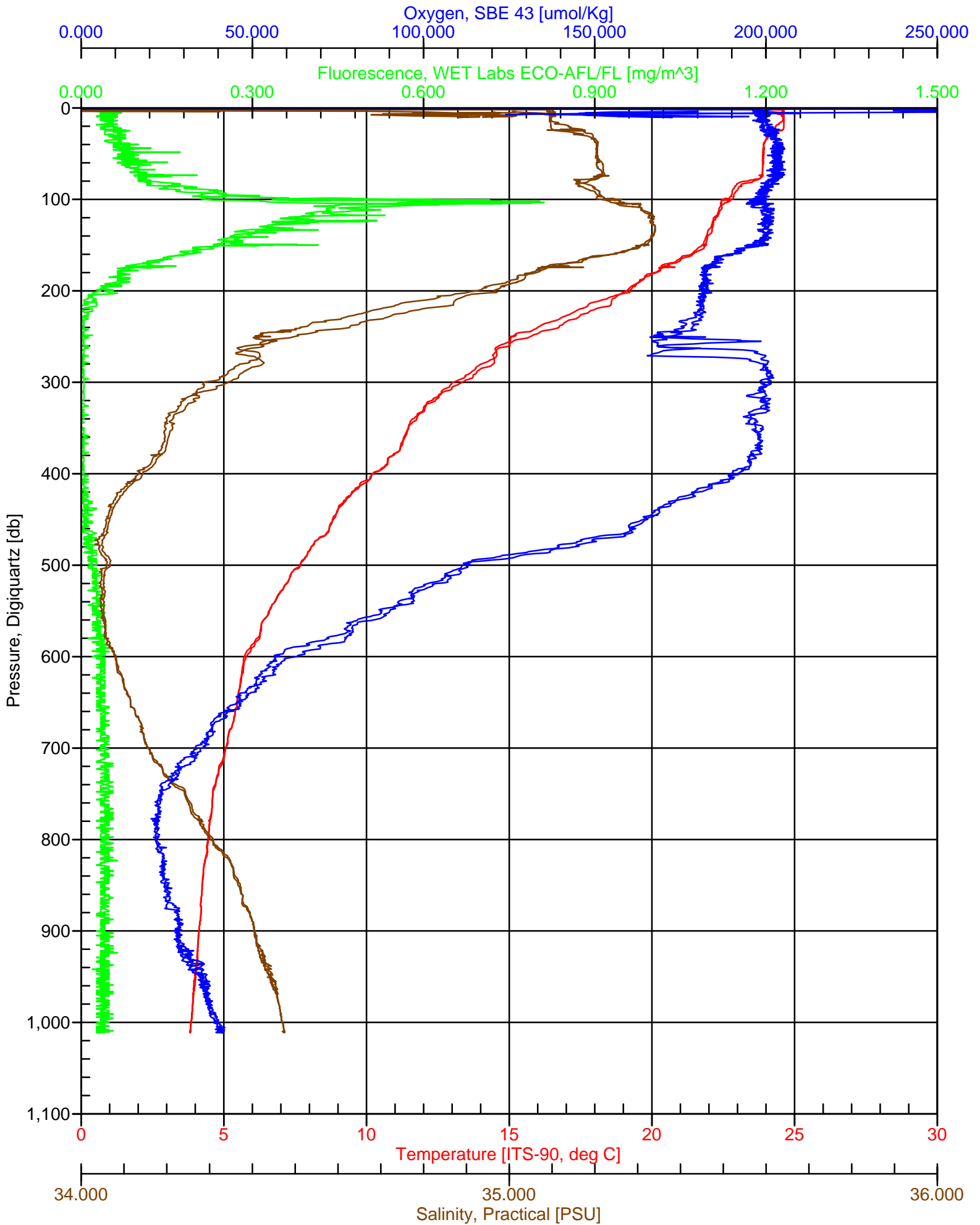
Station # 1
 Cast # 2
 Operator(s): _____

Date: 6/12/12 (HST)
 Time: 0615 (HST)

Rosette Position	Depth (m)	DNA/RNA	Microscopy	P vs E	Oxygen	Temp (°C)
1	O2min	8 L				
2	O2min				1	
3	250	8 L				
4	250					
5	175	8 L				
6	175				2	
7	150	8 L				
8	125	8 L				
9	105			2L	4	
10	100	8 L				
11	100		0.2 L			
12	100				5	
13	100					
14	75	8 L				
15	75		0.2 L			
16	75				6	
17	60		0.2 L			
18	45		0.2 L			
19	45				7	
20	25	8 L				
21	25		0.2 L	2 L		
22	25				8	
23	5		0.2 L			
24	5				A-J	

Notes:

AG8_S1C2.hex



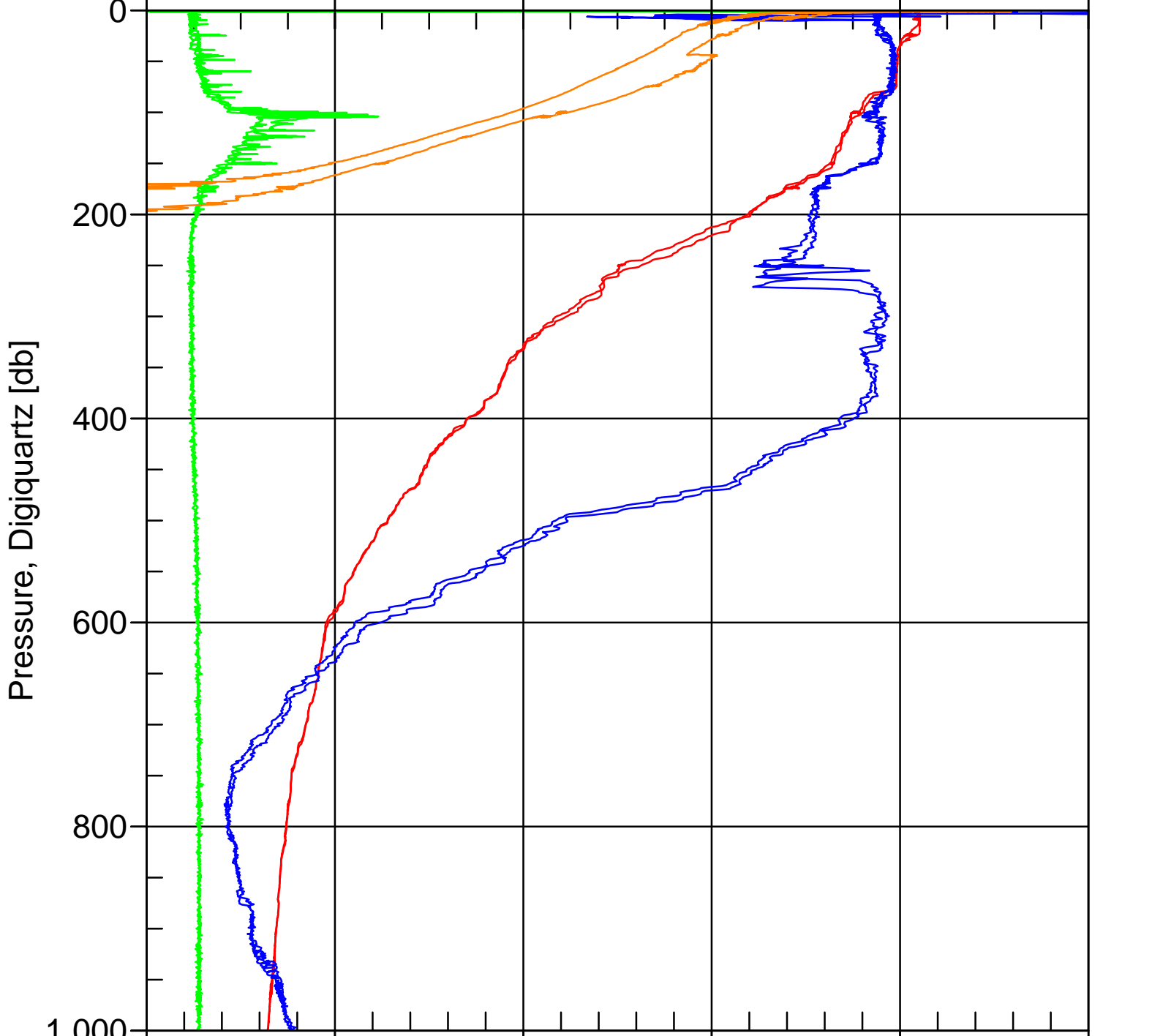
AG8_S1C2.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Temperature, 2 [ITS-90, deg C]

0.000 6.000 12.000 18.000 24.000 30.000

Fluorescence, Seapoint

0.000 0.240 0.480 0.720 0.960 1.200

CMORE/Agouon-8

CTD CAST 3 Data Sheet

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

Date: 6/12/12 (HST)
 Time: 0900 (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						
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:

PPO4 sample 1-3-17 filtered fast due to filter being askew in filter holder, took sample from Niskin # 16 and re-filtered.

CMORE/Agouon-8

CTD CAST 3 Data Sheet

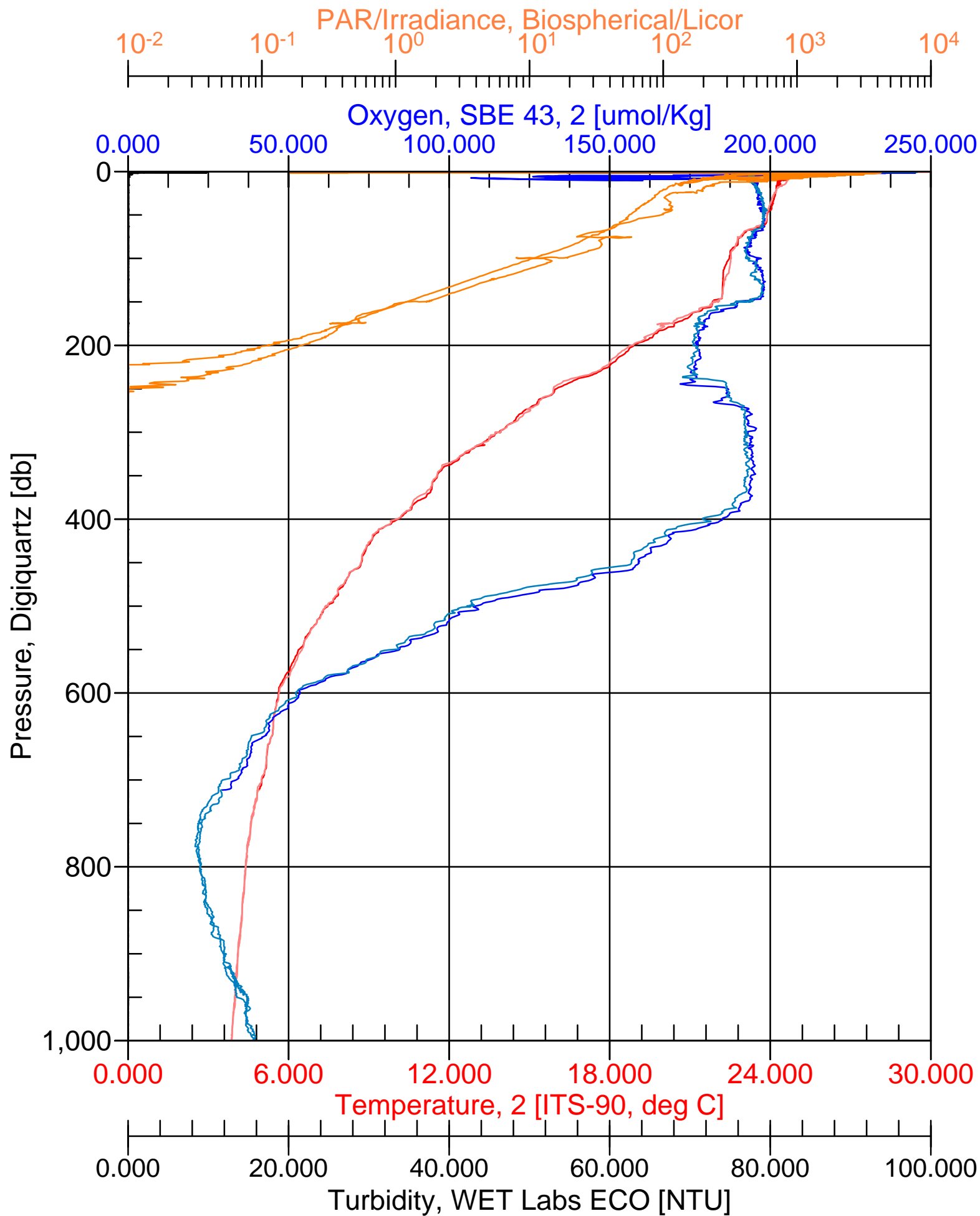
Station # 1
 Cast # 3
 Operator(s): _____

Date: 6/12/12 (HST)
 Time: 0900 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	Temp °C		
1	1000			6.4		
2	750			8.1		
3	500			9.6		
4	300			15.2		
5	175			20.4		
6	175			20.6		
7	150			21.8		
8	150			21.9		
9	125	1	1,2,3	22.3		
10	125			22.2		
11	100			22.4		
12	100	2	4,5,6	23.7		
13	100			25.1		
14	75	3	7,8,9	22.9		
15	75			22.8		
16	45	4	10,11,12	23.6		
17	45			23.7		
18	25	5	13,14,15	24.1		
19	25			24.0		
20	5	6	16,17,18	24.4		
21	5			24.1		
22						
23						
24						

Notes:
 ATP blanks: 19,20,21

AG8_S1C3.hex



CMORE/Agouon-8

CTD Data Sheet

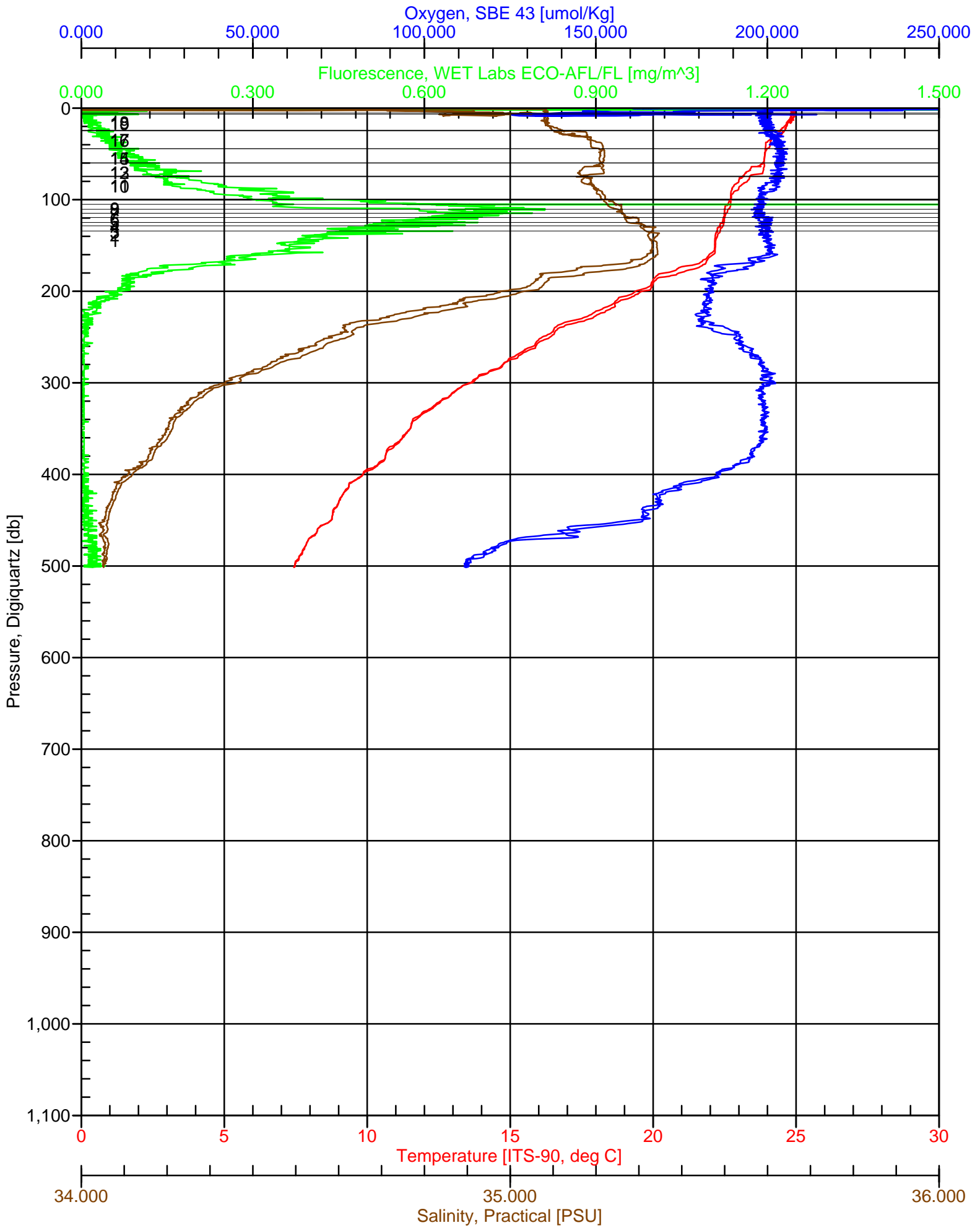
Station # 1
 Cast # 4
 Operator(s): _____

Date: 6/12/12 (HST)
 Time: _____ (HST)

Rosette Position	Depth (m)	Microscopy	FCM			
1	135		X			
2	130		X			
3	125		X			
4	120		X			
5	115		X			
6	110		X			
7	105		X			
8	100	X	X			
9	100					
10	75	X	X			
11	75					
12	60	X	X			
13	60					
14	45	X	X			
15	45					
16	25	X	X			
17	25					
18	5	X	X			
19	5					
20						
21						
22						
23						
24						

Notes:

AG8_S1C4.hex



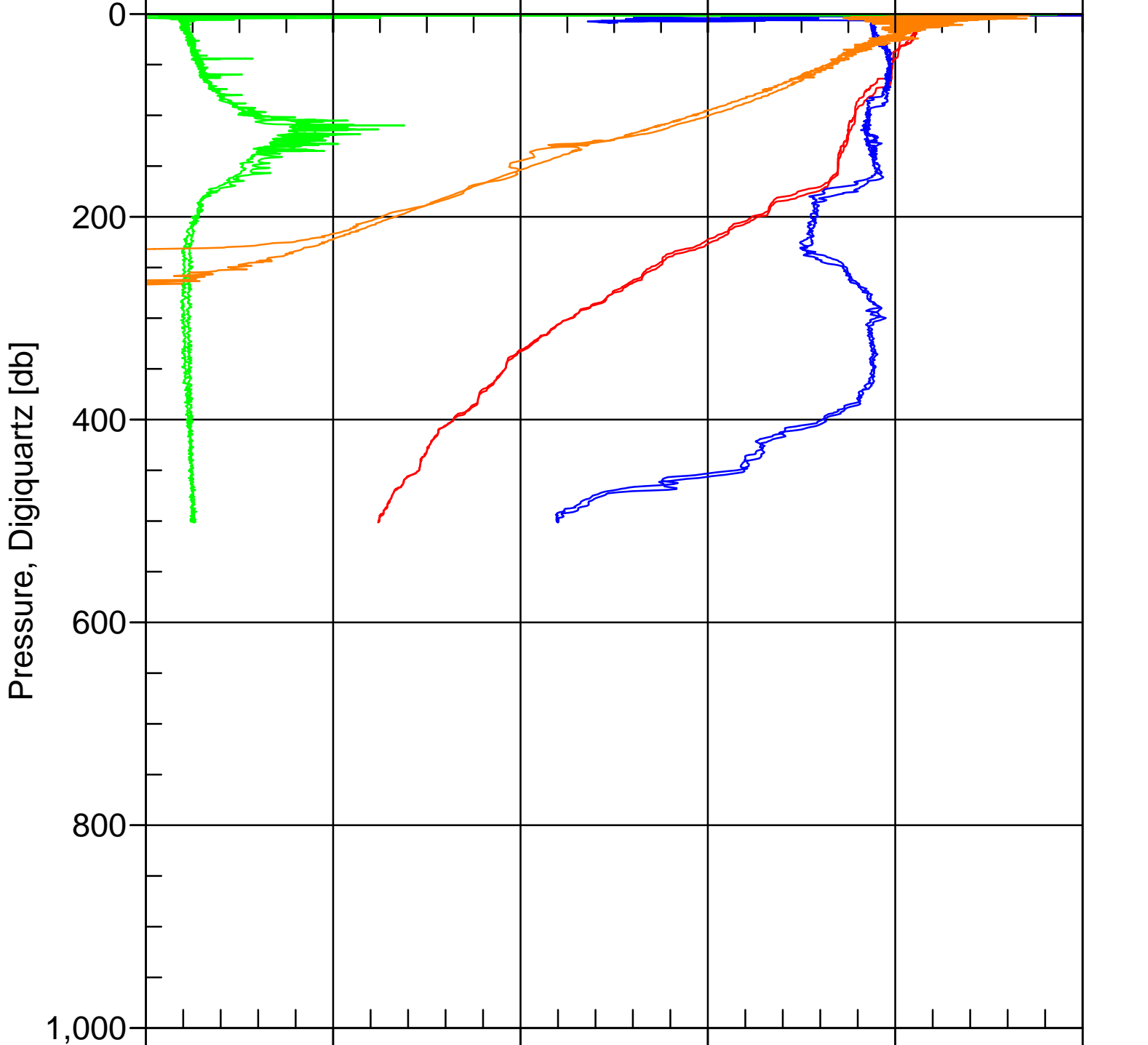
AG8_S1C4.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

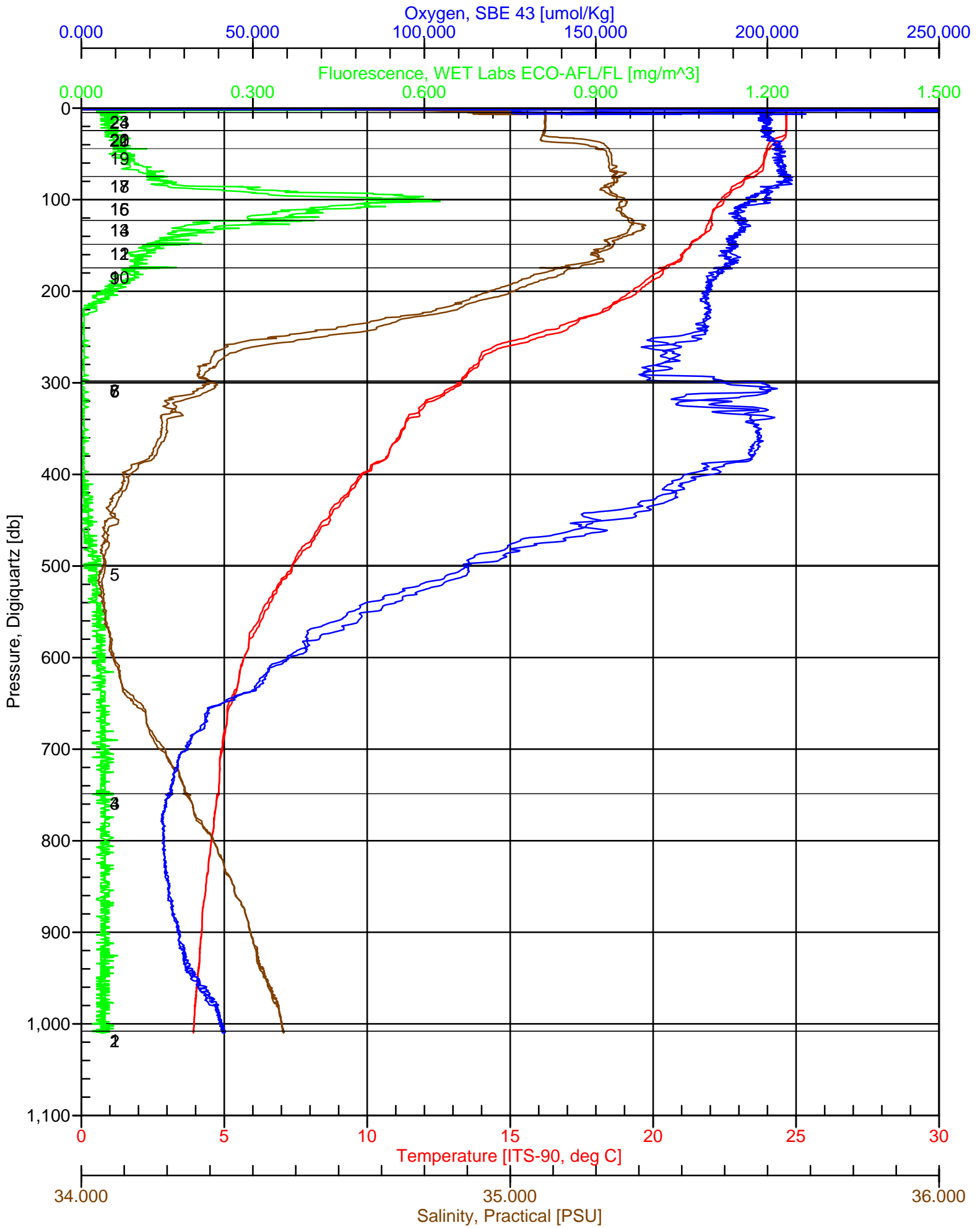
Station # 1
 Cast # 5
 Operator(s): Chie's Pets

Date: 6/13/12 (HST)
 Time: 0300 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM		
1	1000				X		
2	1000						
3	750				X		
4	750						
5	500				X		
6	500						
7	300				X		
8	300						
9	175	1-L,D		1	X		
10	175						
11	150						
12	150	2-L,D		2	X		
13	125	3-L,D	3L-1,2,3	3	X		
14	125						
15	100	4-L,D	4L-1,2,3	4	X		
16	100						
17	75	5-L,D	5L-1,2,3	5	X		
18	75						
19	45	6-L,D	6L-1,2,3	6	X		
20	45						
21	25	7-L,D	7L-1,2,3	7	X		
22	25						
23	5	8-L,D	8L-1,2,3	8	X		
24	5						

Notes:

AG8_S1C5.hex



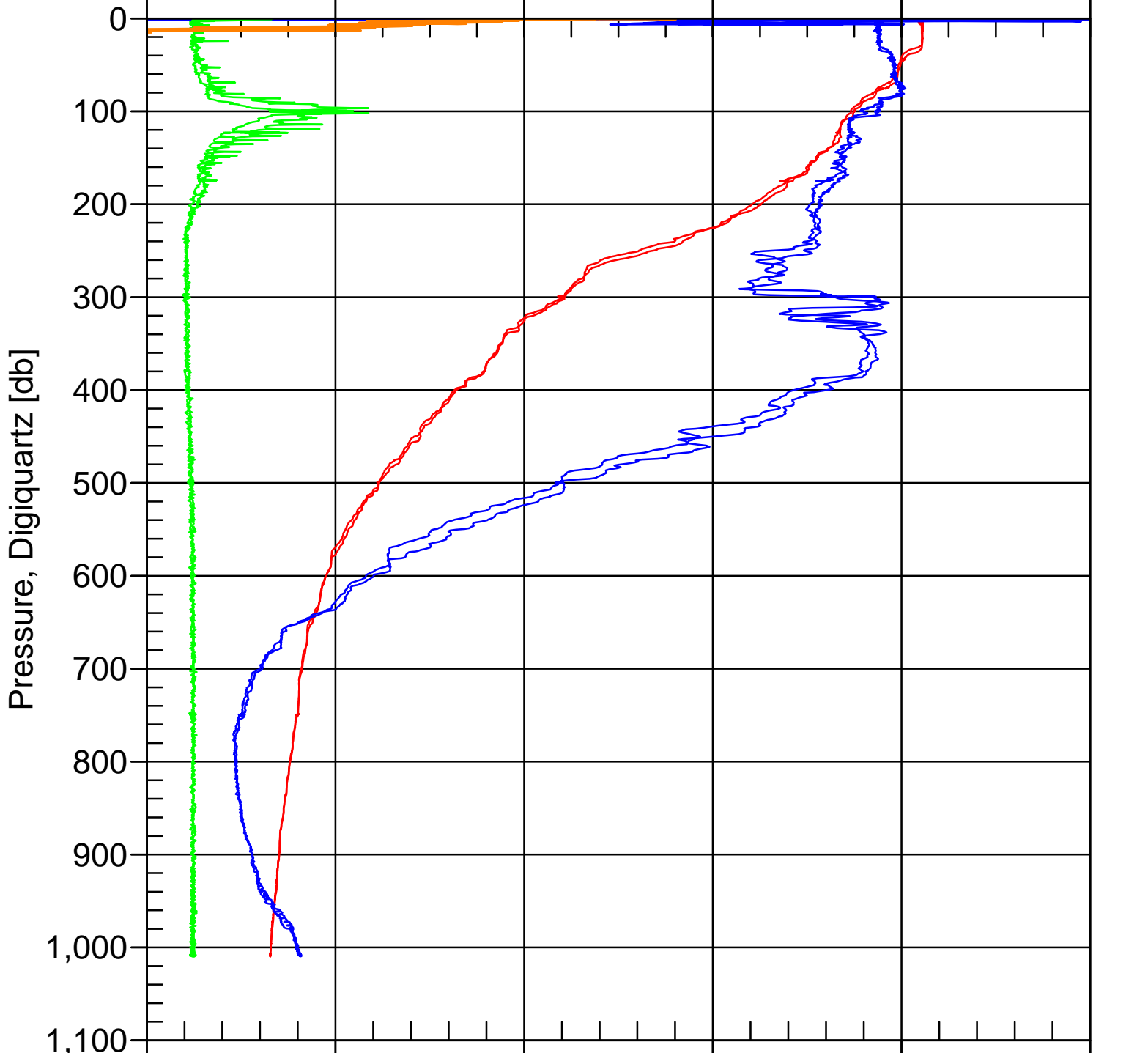
AG8_S1C5.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

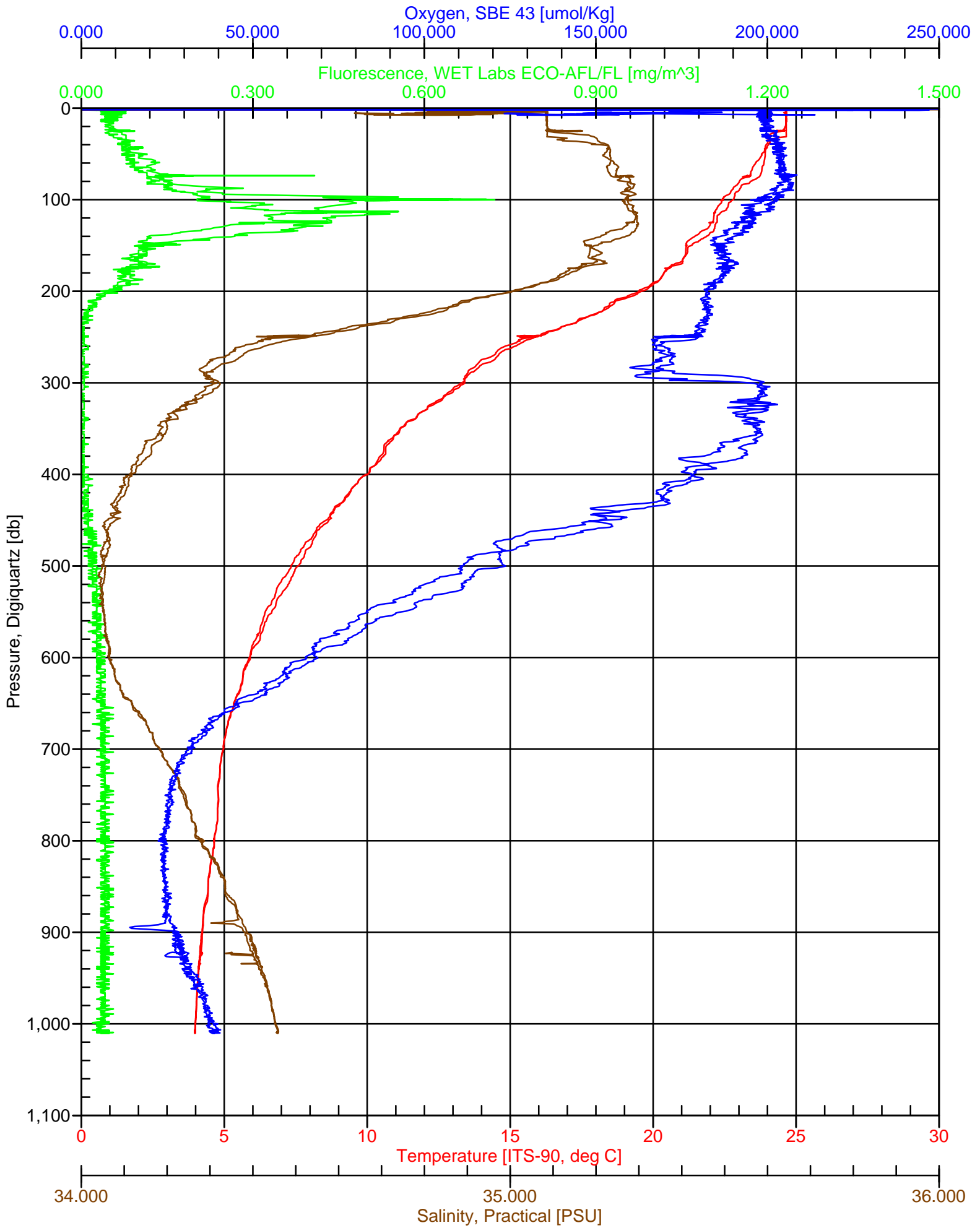
Station # 1
 Cast # 6
 Operator(s): _____

Date: 6/13/12 (HST)
 Time: 0615 (HST)

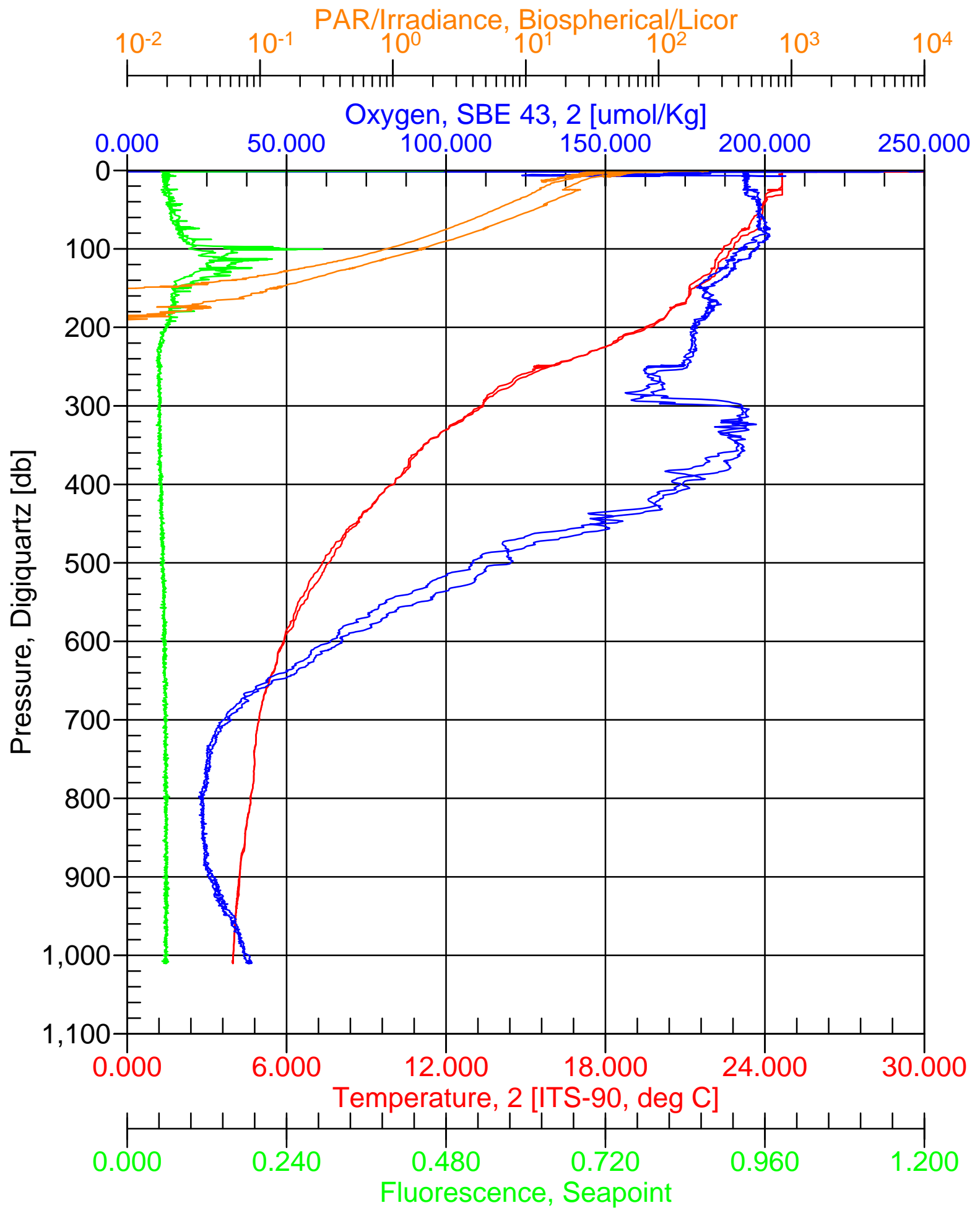
Rosette Position	Depth (m)	DNA/RNA	Microscopy	P vs E		
1	O2min	8 L				
2	O2min					
3	250	8 L				
4	250					
5	175	8 L				
6	175					
7	150	8 L				
8	125	8 L				
9	DCM			2L		
10	DCM		0.2 L			
11	100	8 L				
12	100		0.2 L			
13	100					
14	100					
15	75	8 L				
16	75		0.2 L			
17	75					
18	45		0.2 L			
19	45					
20	25	8 L				
21	25		0.2 L	2 L		
22	25					
23	5		0.2 L			
24	5					

Notes:

AG8_S1C6.hex



AG8_S1C6.hex



CMORE/Agouon-8

CTD CAST 3 Data Sheet

Station # 1
 Cast # 7
 Operator(s): _____

Date: 6/13/12 (HST)
 Time: 0900 (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-8

CTD CAST 7 Data Sheet

Station # 1
 Cast # 7
 Operator(s): _____

Date: 6/13/12 (HST)
 Time: 0900 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	Oxygen	O2 Bottle #	Temp °C	
1	1000						
2	750			X	460	9.5	
3	500						
4	300			X	209	16.4	
5	175						
6	175						
7	150						
8	150						
9	125	1	22,23,24	X	300	22.3	
10	125						
11	100	2	25,26,27	X	441	22.7	
12	100						
13	75	3	28,29,30	X	191	23.0	
14	75						
15	45	4	31,32,33	X	295	23.3	
16	45						
17	25	5	34,35,36	X	153	23.8	
18	25						
19	5	6	37,38,39	X	429	23.8	
20	5						
21							
22							
23							
24							

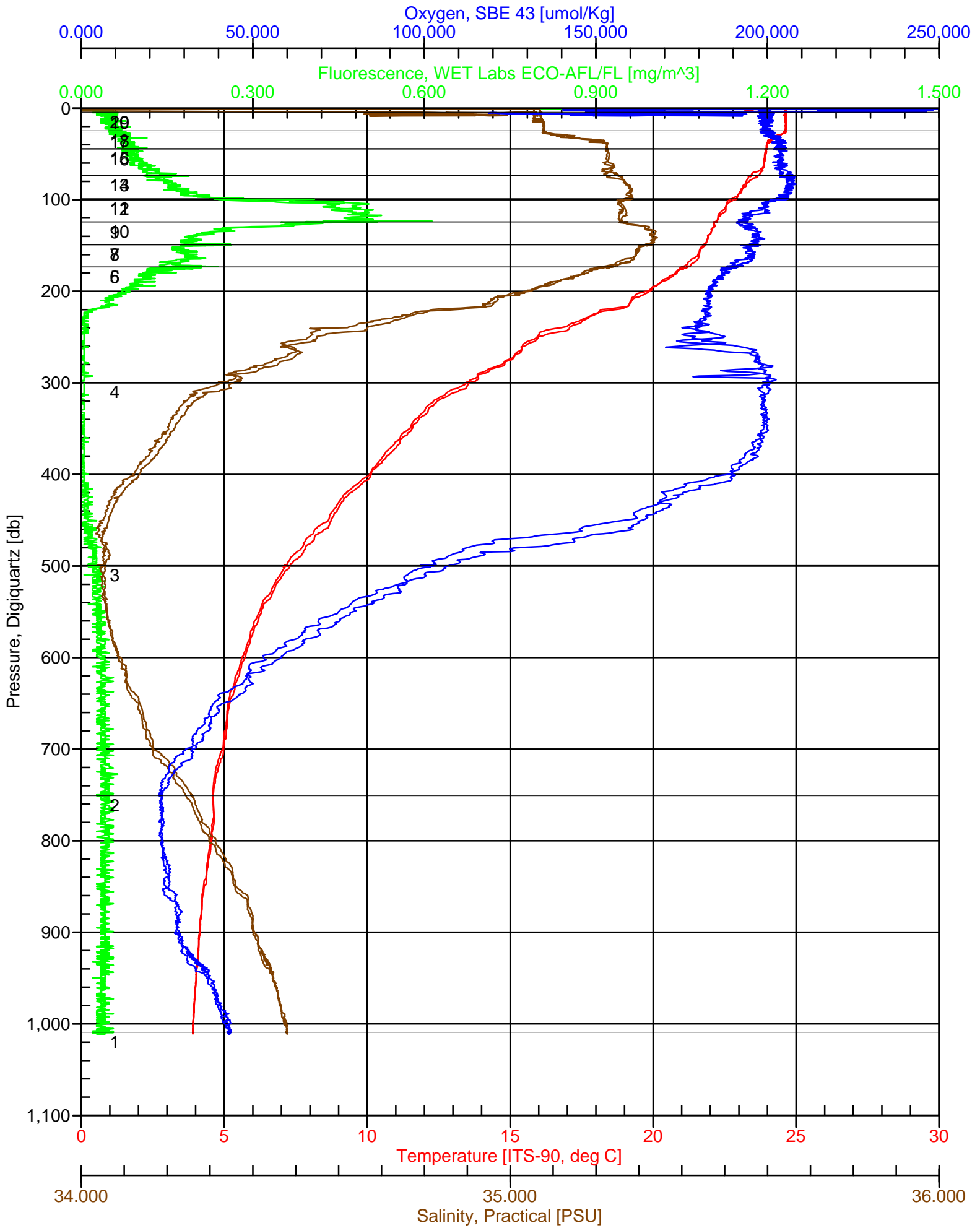
Notes:

No ATP Blanks

ATP tubes 30, 36 had brownish particles on filter

ATP tube 33, spilled ~30ml

AG8_S1C7.hex



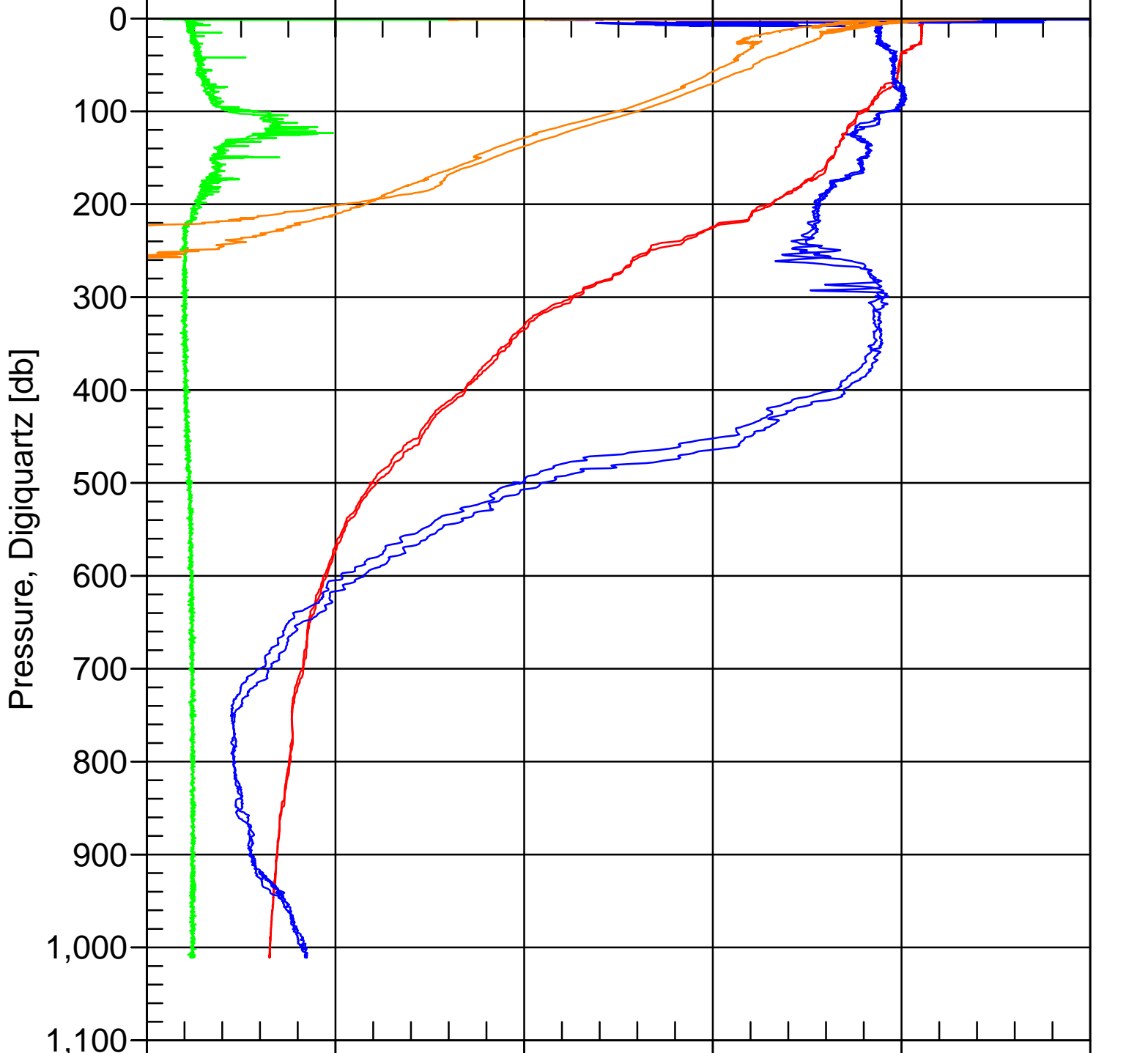
AG8_S1C7.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

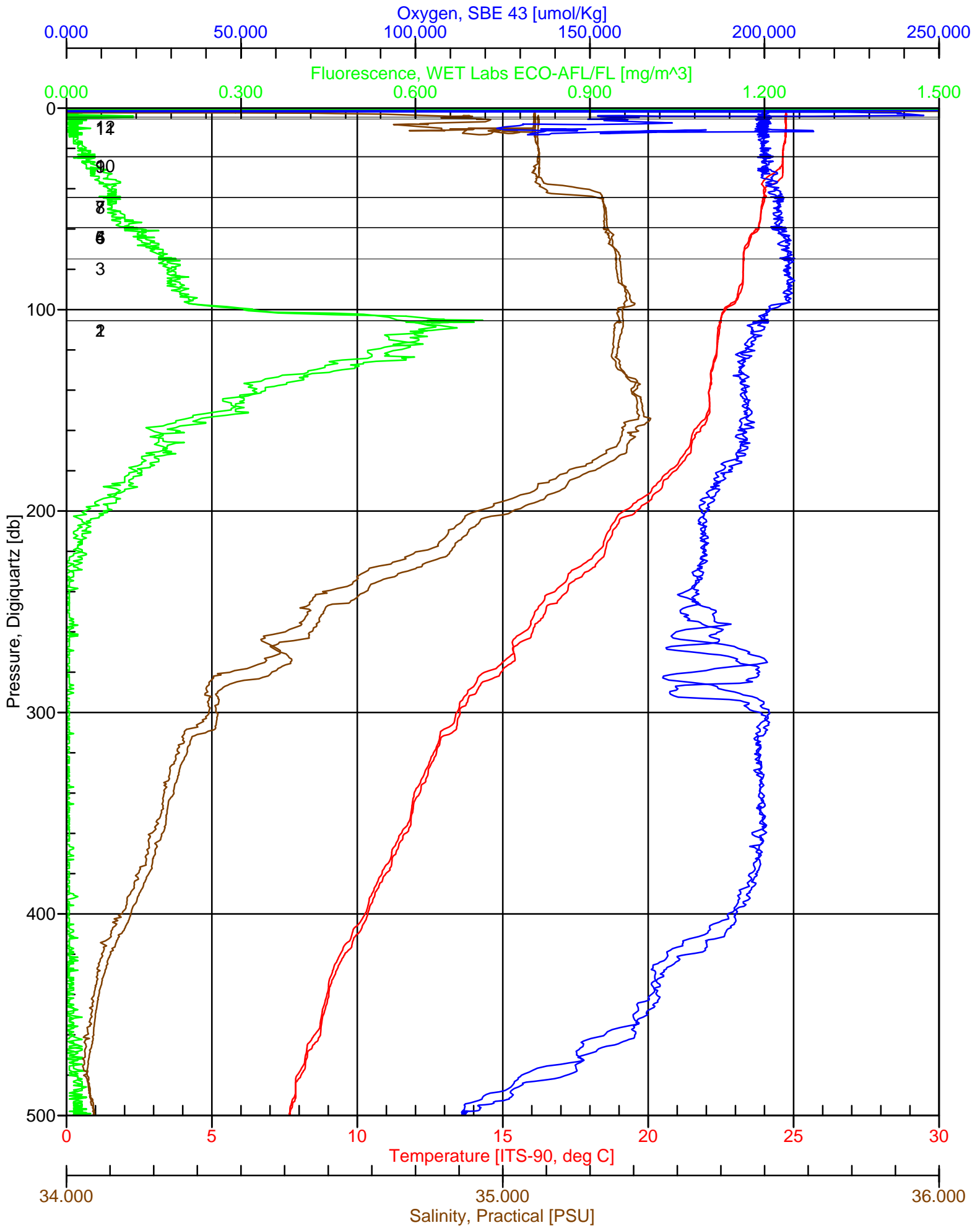
Station # 1
 Cast # 8
 Operator(s): Chie's Pets

Date: 6/13/12 (HST)
 Time: _____ (HST)

Rosette Position	Depth (m)	Microscopy	FCM			
1	DCM(107)		X			
2	DCM(107)					
3	75	X	X			
4	75					
5	60	X	X			
6	60					
7	45	X	X			
8	45					
9	25	X	X			
10	25					
11	5	X	X			
12	5					
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

Notes:

AG8_S1C8.hex



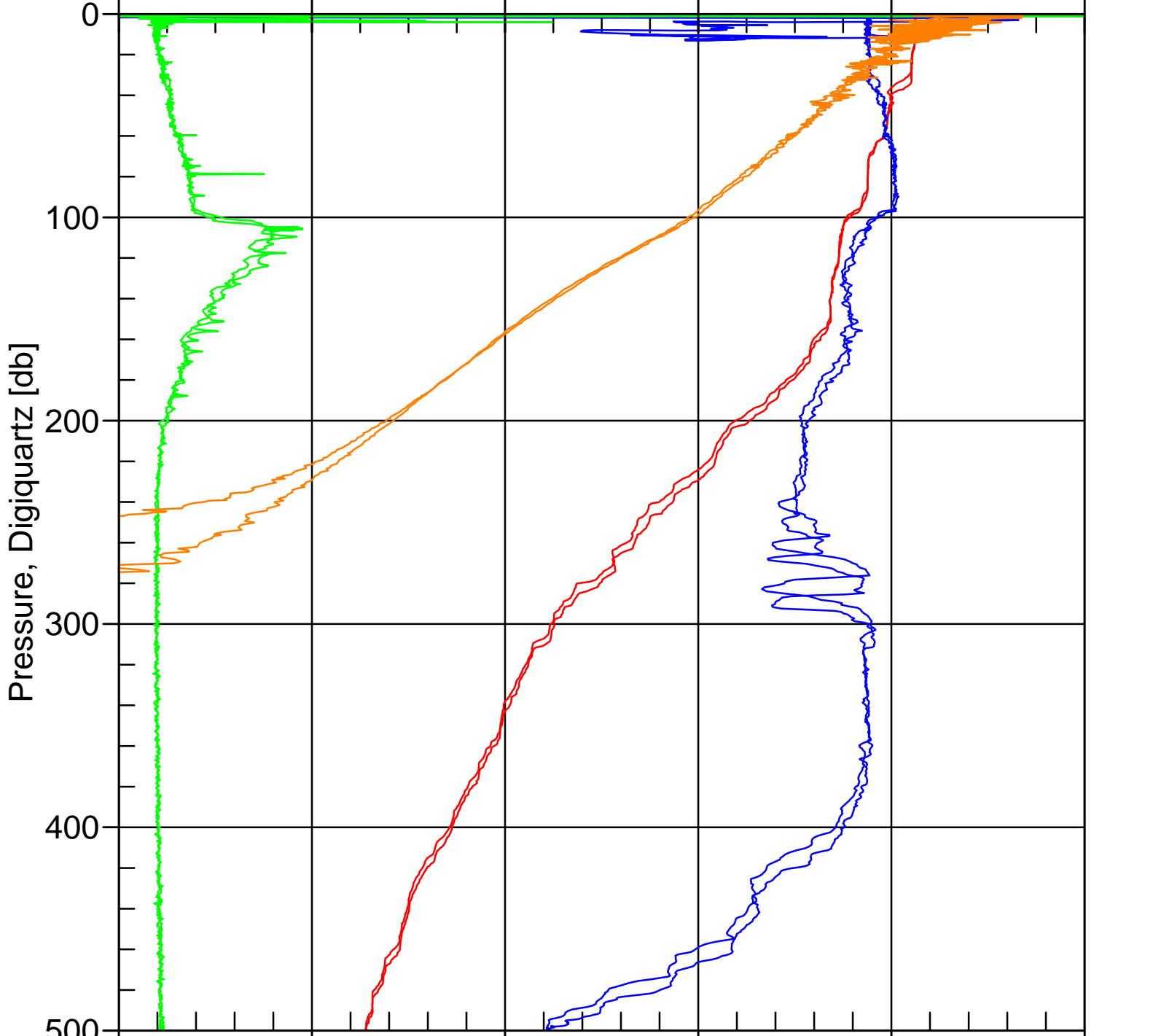
AG8_S1C8.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Pressure, Digiquartz [db]

0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

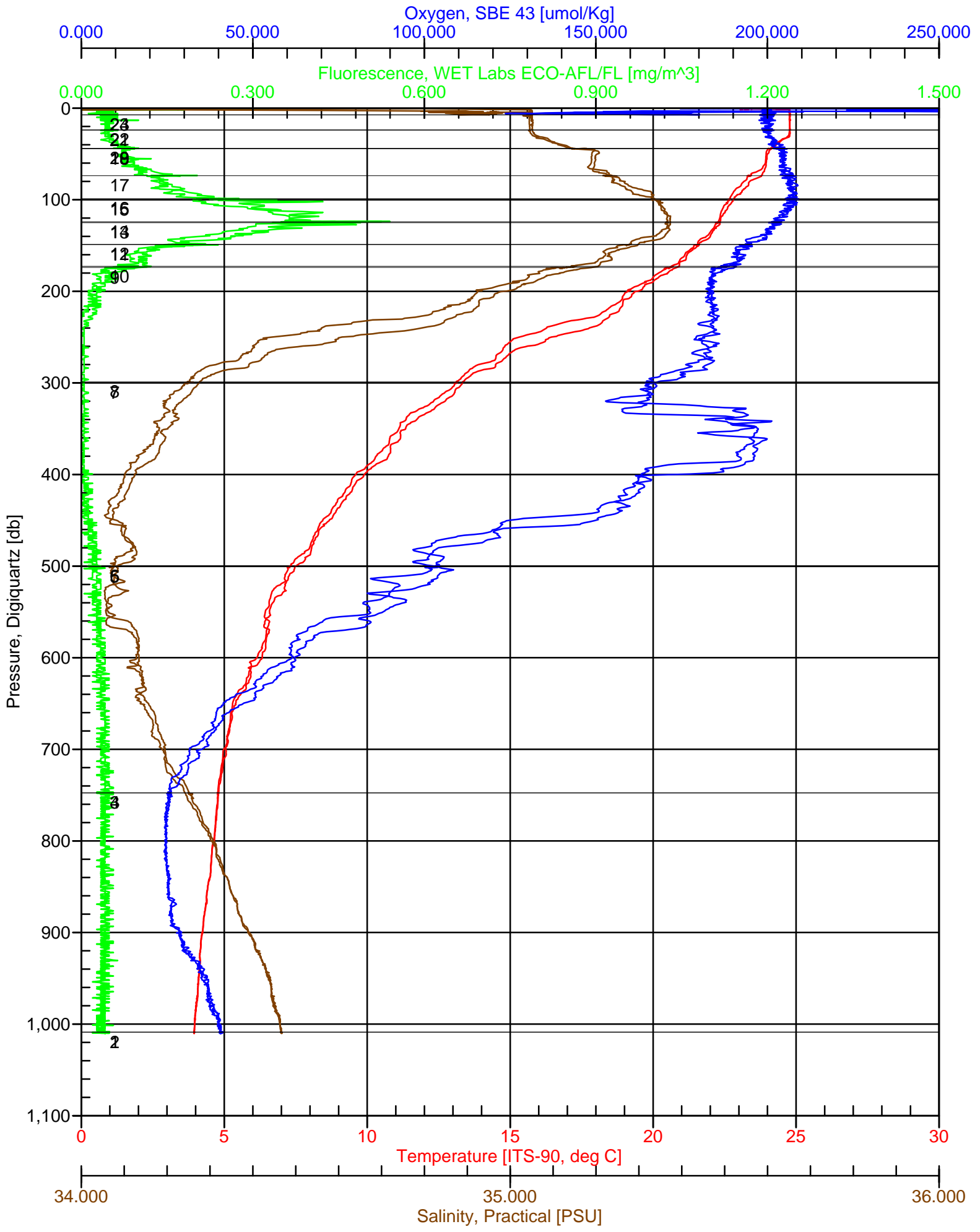
Station # 1
 Cast # 9
 Operator(s): _____

Date: 6/14/12 (HST)
 Time: 0300 (HST)

Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM		
1	1000				X		
2	1000						
3	750				X		
4	750						
5	500				X		
6	500						
7	300				X		
8	300						
9	175	1-L,D		1	X		
10	175						
11	150						
12	150	2-L,D		2	X		
13	125	3-L,D	3L-1,2,3	3	X		
14	125						
15	100	4-L,D	4L-1,2,3	4	X		
16	100						
17	75	5-L,D	5L-1,2,3	5	X		
18	75						
19	45	6-L,D	6L-1,2,3	6	X		
20	45						
21	25	7-L,D	7L-1,2,3	7	X		
22	25						
23	5	8-L,D	8L-1,2,3	8	X		
24	5						

Notes:

AG8_S1C9.hex



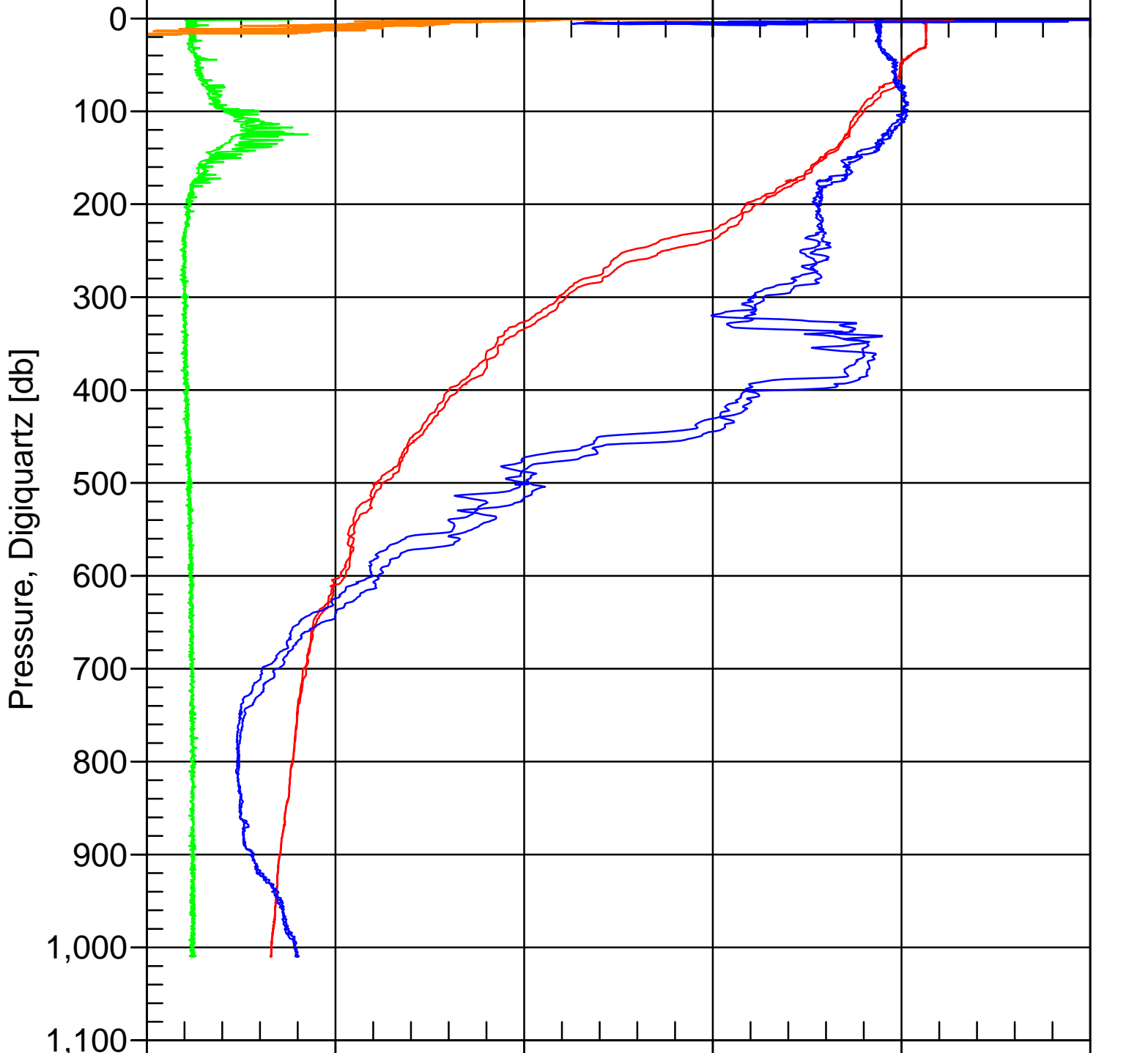
AG8_S1C9.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [umol/Kg]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

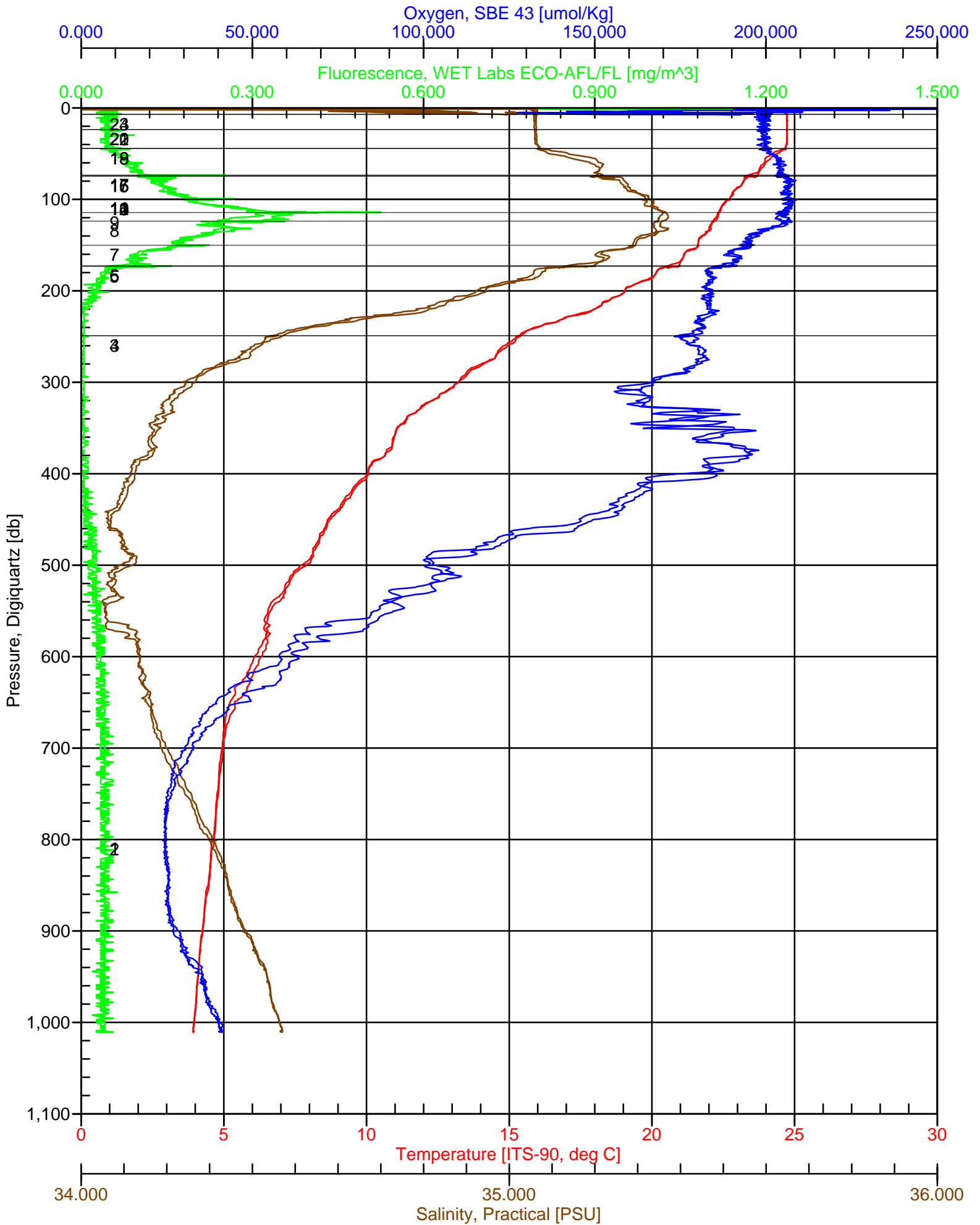
Station # 1
 Cast # 10
 Operator(s): WLC

Date: 6/14/12 (HST)
 Time: 0600 (HST)

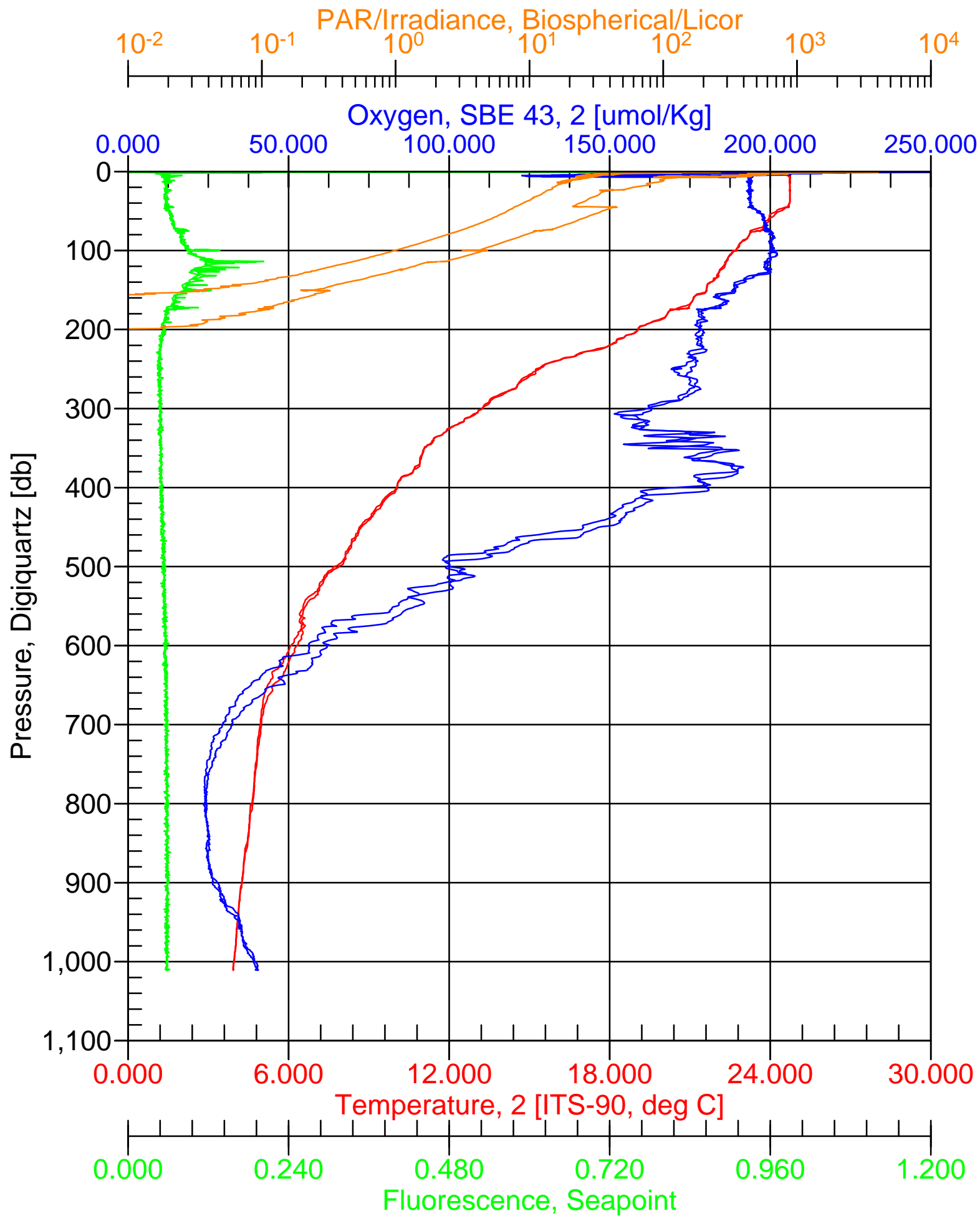
Rosette Position	Depth (m)	DNA/RNA	Microscopy	P vs E		
1	O2min	8 L				
2	O2min					
3	250	8 L				
4	250					
5	175	8 L				
6	175					
7	150	8 L				
8	125	8 L				
9	DCM			2L		
10	DCM		0.2 L			
11	100	8 L				
12	100		0.2 L			
13	100					
14	100					
15	75	8 L				
16	75		0.2 L			
17	75					
18	45		0.2 L			
19	45					
20	25	8 L				
21	25		0.2 L	2 L		
22	25					
23	5		0.2 L			
24	5					

Notes:

AG8_S1C10.hex



AG8_S1C10.hex



CMORE/Agouron-8

CTD CAST Data Sheet

Station # 1
 Cast # 11
 Operator(s): _____

Date: 6/14/12 (HST)
 Time: 0900 (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-8

CTD CAST Data Sheet

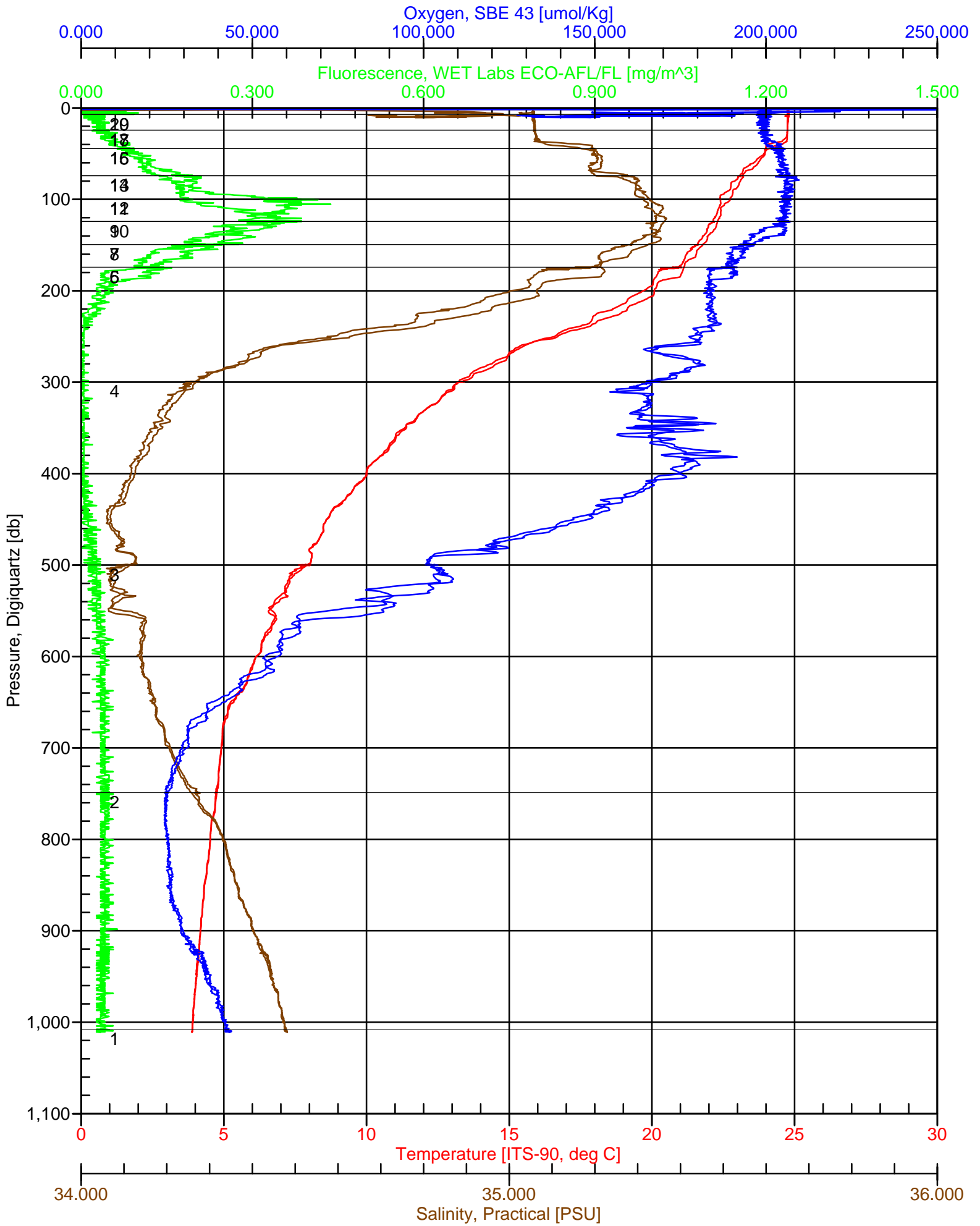
Station # 1
 Cast # 11
 Operator(s): _____

Date: 6/14/12 (HST)
 Time: 0900 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	Oxygen	O2 Bottle #	Temp °C	
1	1000						
2	750			X	197	7.4	
3	500						
4	300			X	295	14.8	
5	175						
6	175						
7	150						
8	150						
9	125	1	41,42,43	X	209	22.1	
10	125						
11	100	2	44,45,46	X	460	21.6	
12	100						
13	75	3	47,48,49	X	404	22.8	
14	75						
15	45	4	50,51,52	X	191	23.0	
16	45						
17	25	5	53,54,55	X	429	24.4	
18	25						
19	5	6	56,57,58	X	188	25.5	
20	5						
21							
22							
23							
24							

Notes:
 ATP Blanks: 59,60,61

AG8_S1C11.hex



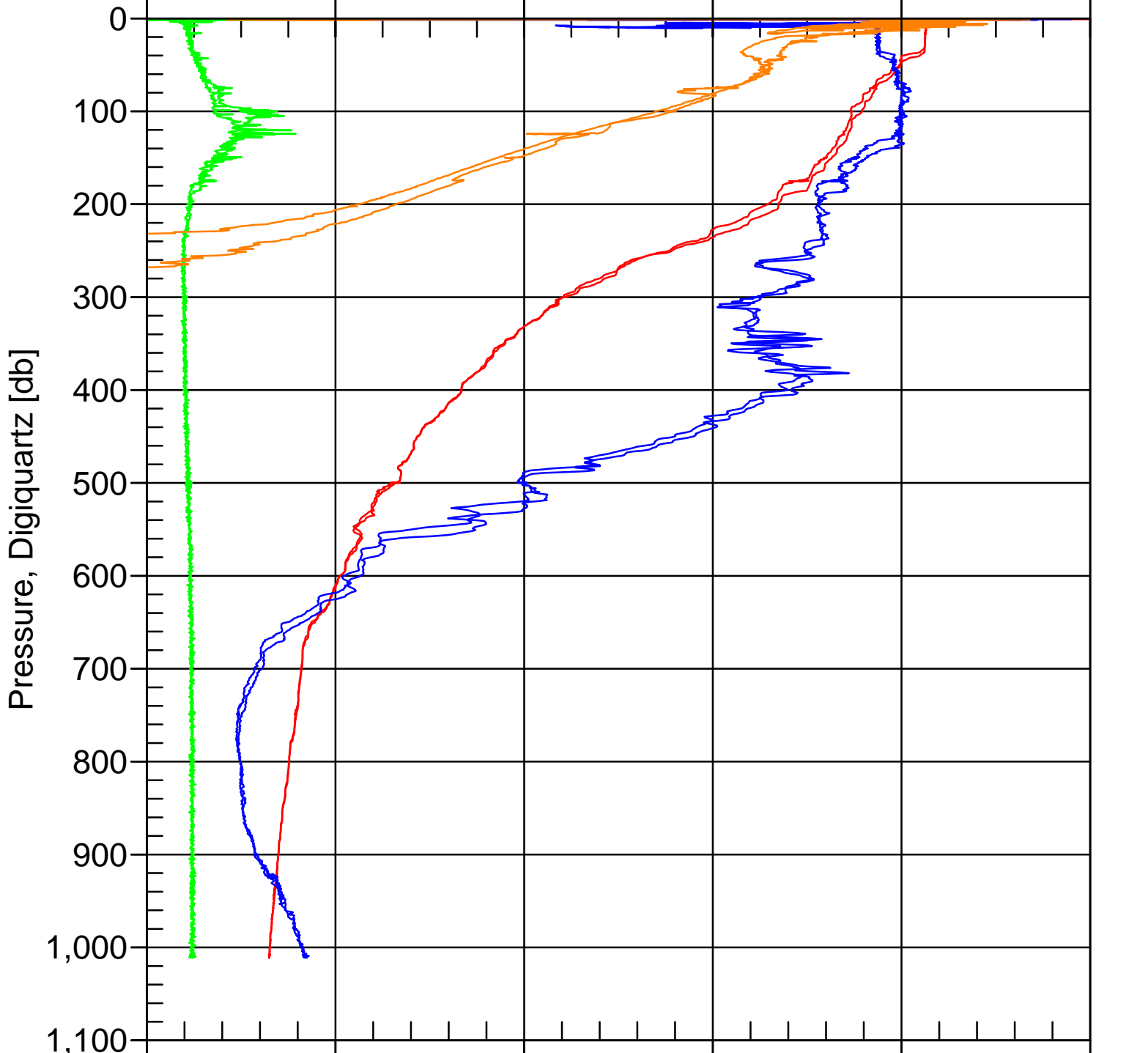
AG8_S1C11.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

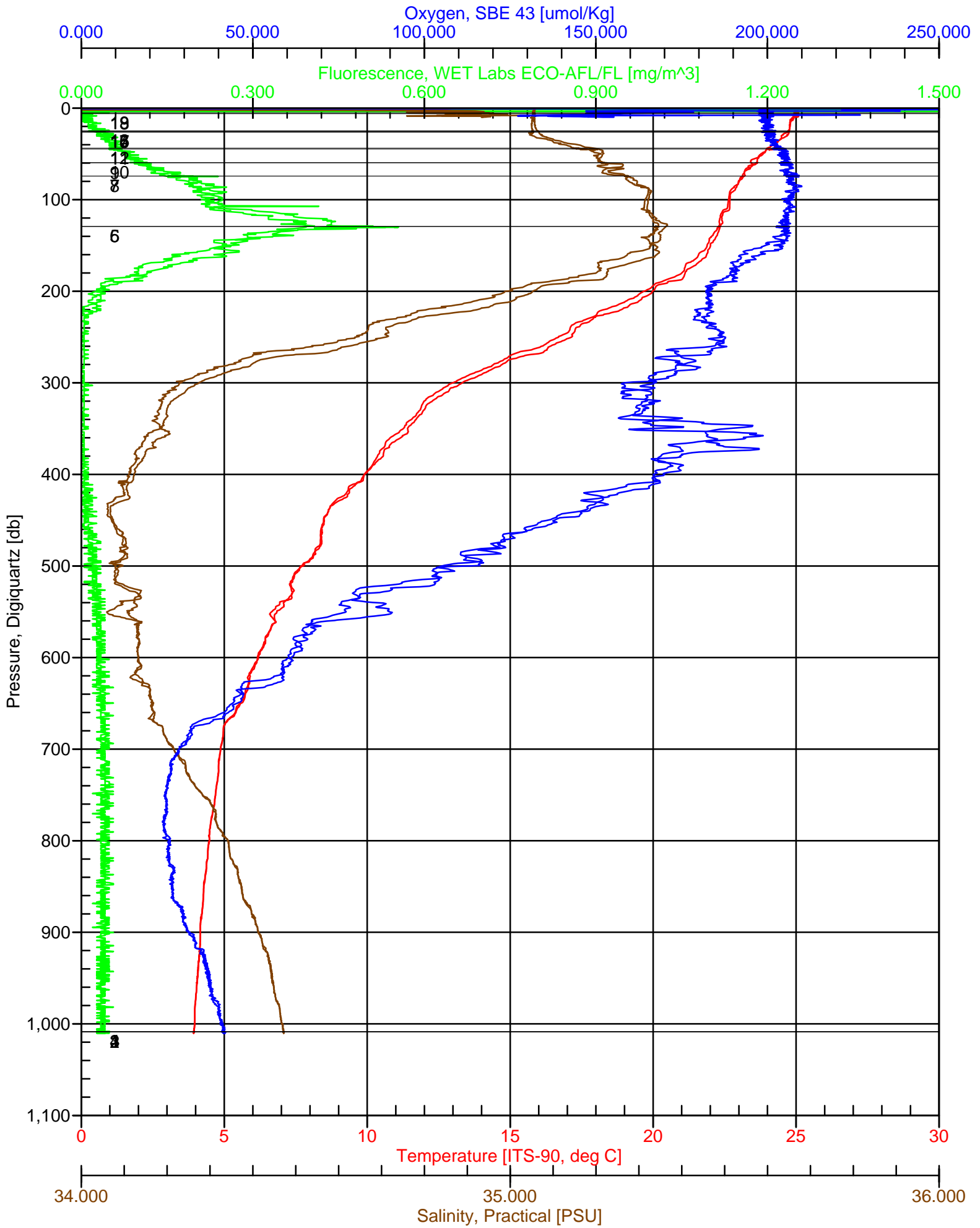
Station # 1
 Cast # 12
 Operator(s): _____

Date: 6/14/12 (HST)
 Time: _____ (HST)

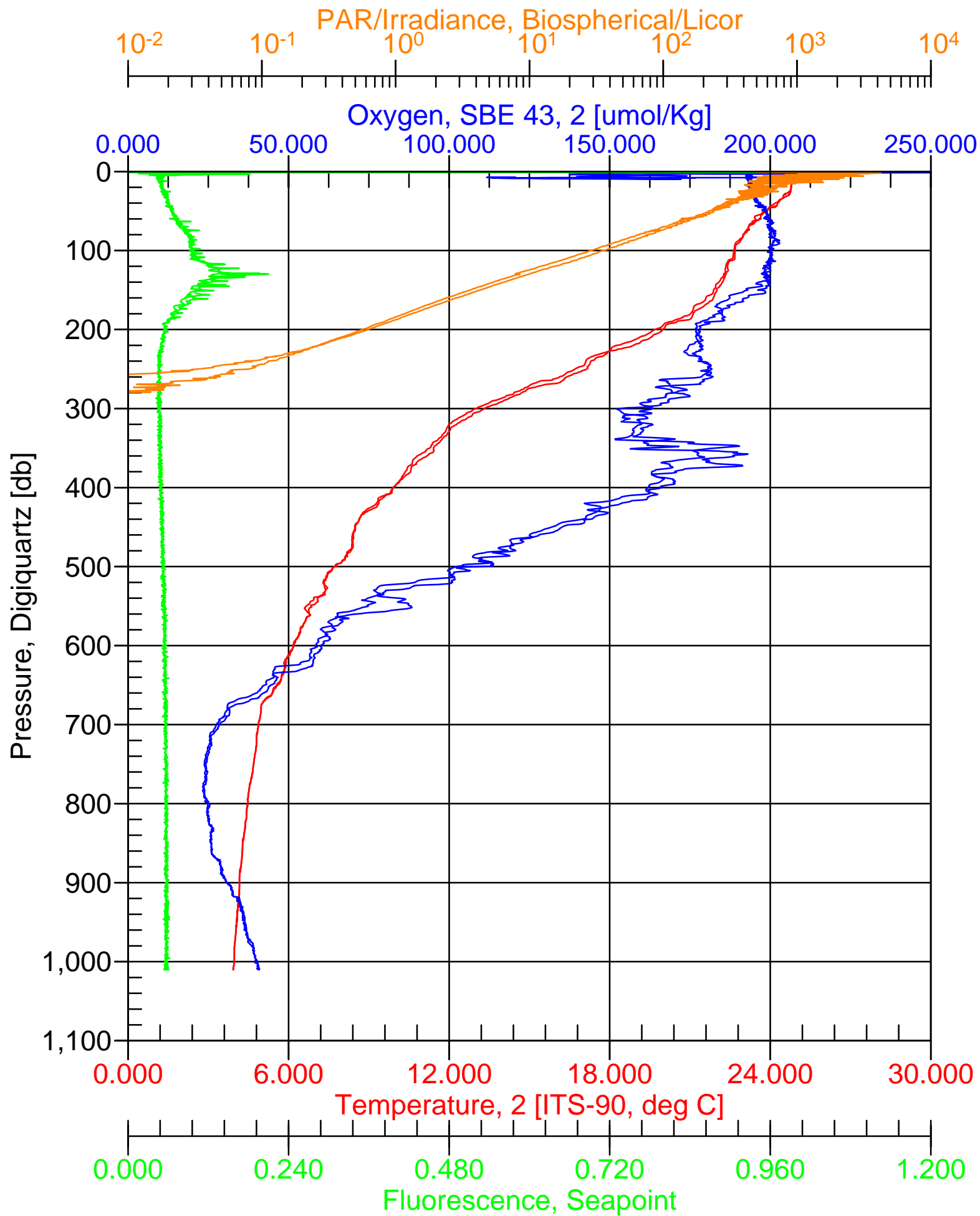
Rosette Position	Depth (m)	Microscopy	FCM	Oscar		
1	1000			X		
2	1000			X		
3	1000			X		
4	1000			X		
5	DCM(107)		X			
6	DCM(107)					
7	75	X	X			
8	75					
9	60	X	X			
10	60					
11	45	X	X			
12	45					
13	25	X	X			
14	25					
15	25			X		
16	25			X		
17	25			X		
18	25			X		
19	5	X	X			
20	5					
21						
22						
23						
24						

Notes:

AG8_S1C12.hex



AG8_S1C12.hex



CMORE/Agouon-8

CTD Data Sheet

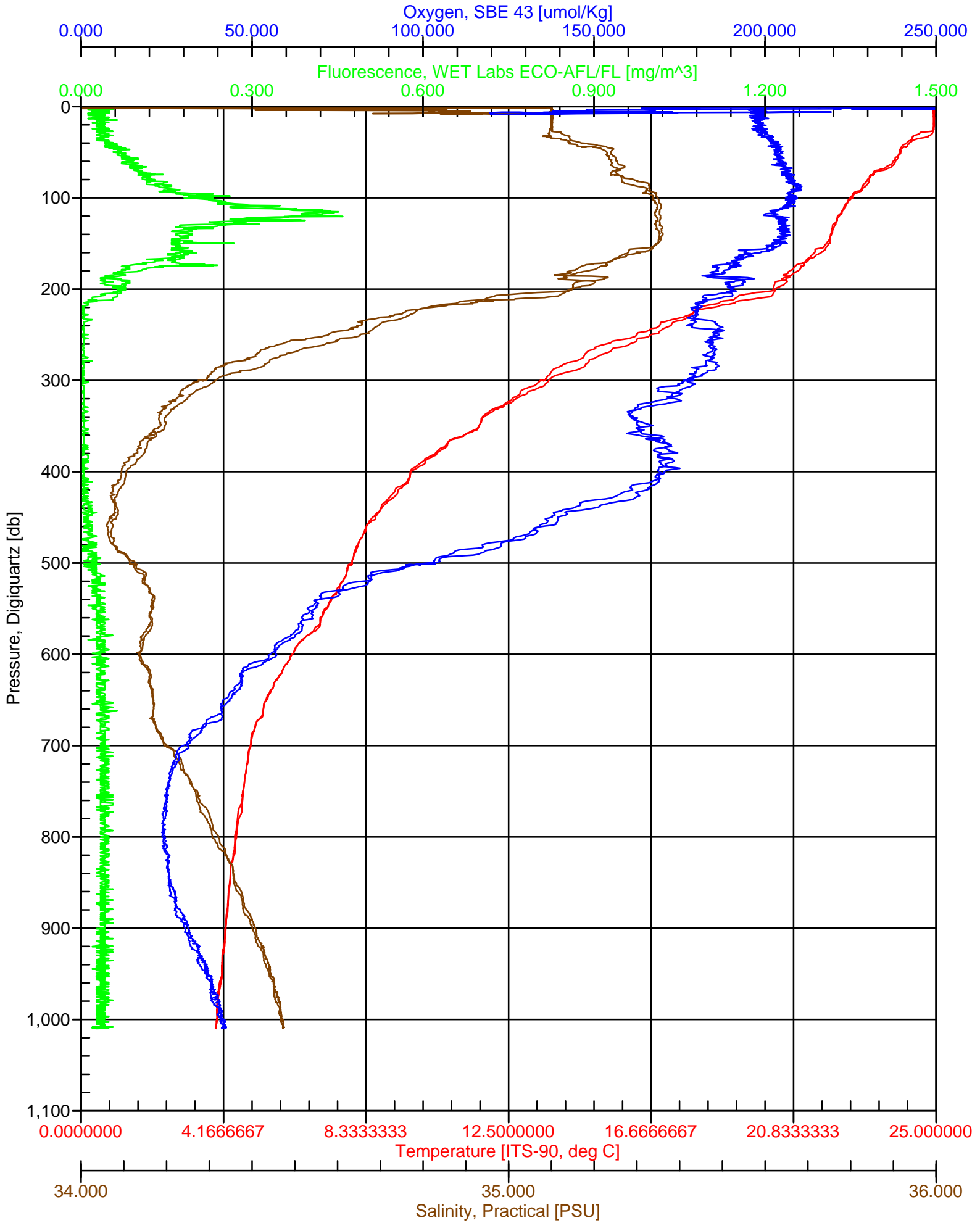
Station # 1
 Cast # 13
 Operator(s): _____

Date: 6/15/12 (HST)
 Time: 0300 (HST)

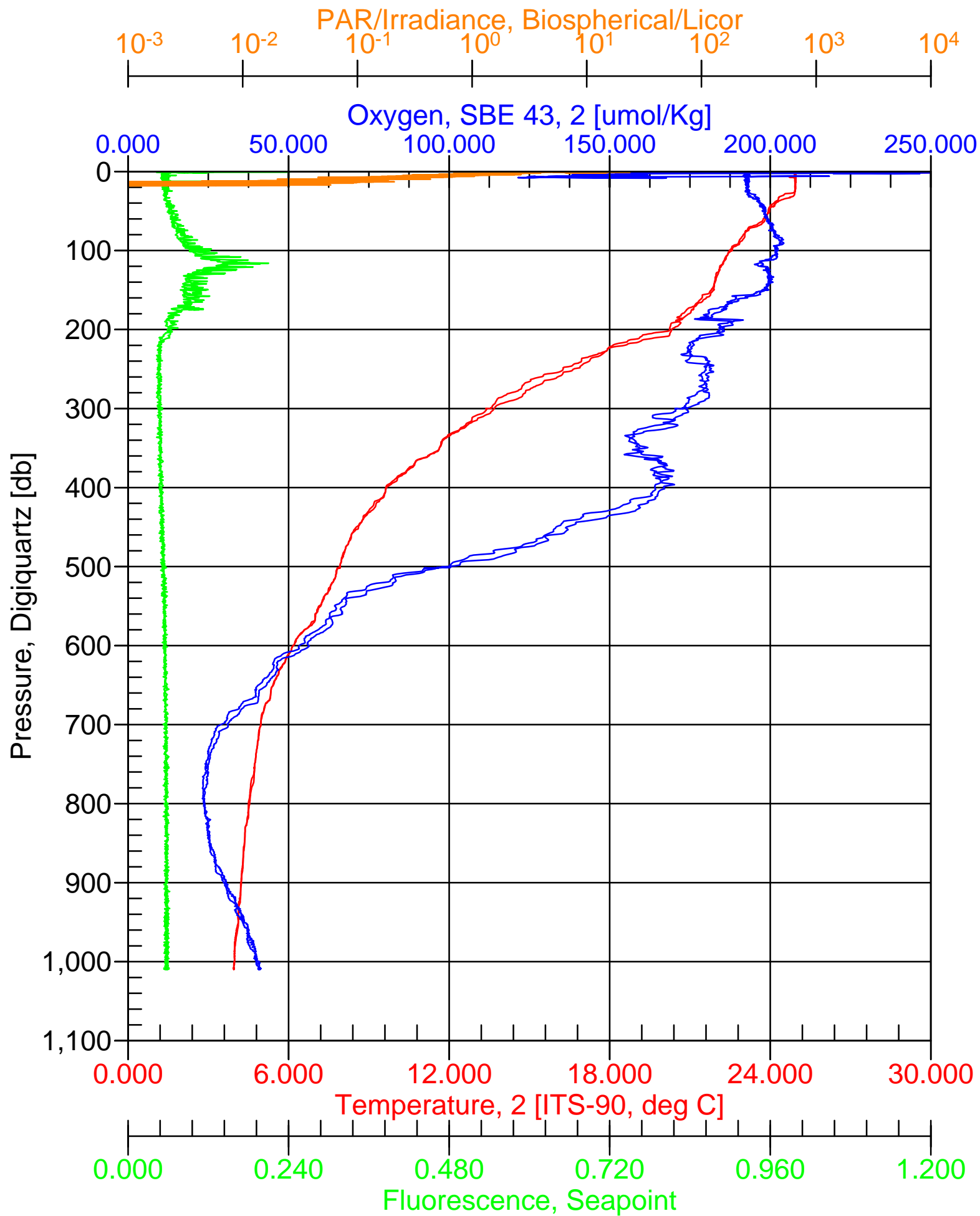
Rosette Position	Depth (m)	BP	14C-PP	Chl	FCM		
1	1000				X		
2	1000						
3	750				X		
4	750						
5	500				X		
6	500						
7	300				X		
8	300						
9	175	1-L,D		1	X		
10	175						
11	150						
12	150	2-L,D		2	X		
13	125	3-L,D	3L-1,2,3	3	X		
14	125						
15	100	4-L,D	4L-1,2,3	4	X		
16	100						
17	75	5-L,D	5L-1,2,3	5	X		
18	75						
19	45	6-L,D	6L-1,2,3	6	X		
20	45						
21	25	7-L,D	7L-1,2,3	7	X		
22	25						
23	5	8-L,D	8L-1,2,3	8	X		
24	5						

Notes:

AG8_S1C13.hex



AG8_S1C13.hex



CMORE/Agouon-8

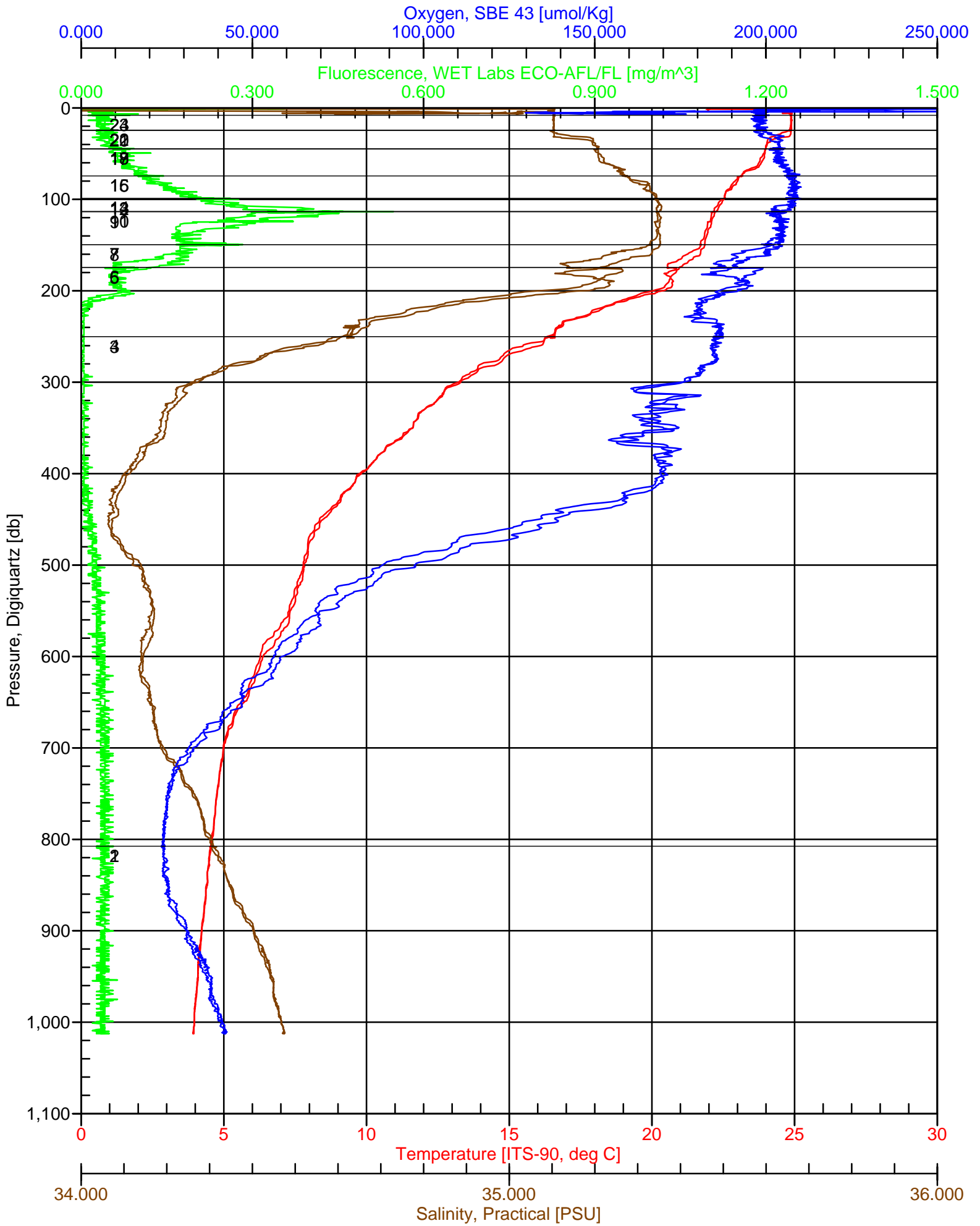
CTD Data Sheet

Station # 1 Date: 6/15/12 (HST)
 Cast # 14 Time: 0600 (HST)
 Operator(s): Skilllz

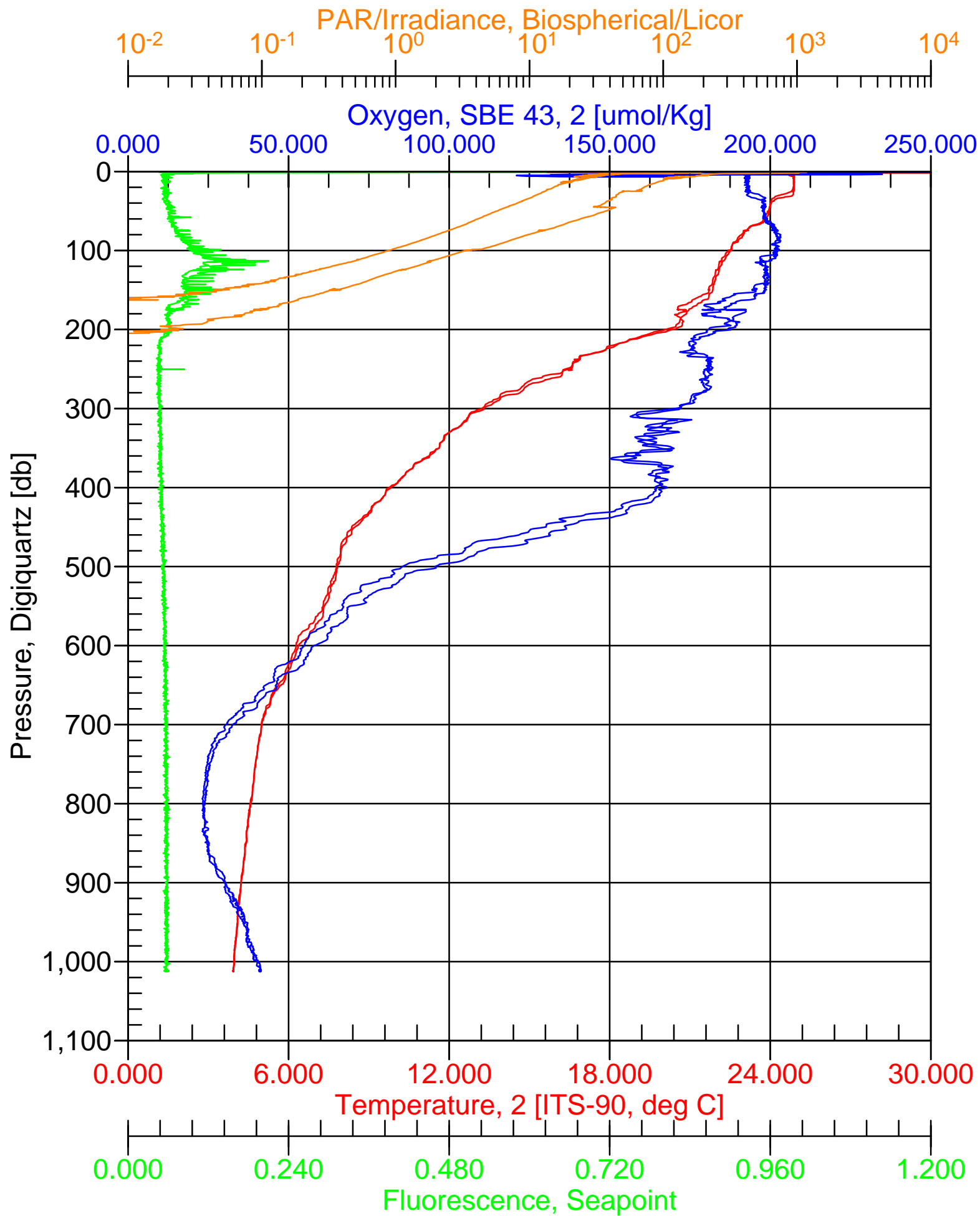
Rosette Position	Depth (m)	DNA/RNA	Microscopy	P vs E		
1	O2min	8 L				
2	O2min					
3	250	8 L				
4	250					
5	175	8 L				
6	175					
7	150	8 L				
8	150					
9	125	8 L				
10	DCM			2L		
11	DCM		0.2 L			
12	100	8 L				
13	100		0.2 L			
14	100					
15	75	8 L				
16	75		0.2 L			
17	75					
18	45		0.2 L			
19	45					
20	25	8 L				
21	25		0.2 L	2 L		
22	25					
23	5		0.2 L			
24	5					

Notes:

AG8_S1C14.hex



AG8_S1C14.hex



CMORE/Agouon-8

CTD CAST Data Sheet

Station # 1
 Cast # 15
 Operator(s): _____

Date: 6/15/12 (HST)
 Time: 0900 (HST)

Rosette Position	Depth (m)	ATP 4L	ATP TUBE	Oxygen	O2 Bottle #	Temp °C	
1	1000						
2	750			X	197	8.1	
3	500						
4	300			X	209	14.3	
5	175						
6	175						
7	150						
8	150						
9	125	1	62,63,64	X	404	22.1	
10	125						
11	100	2	65,66,67	X	191	22.5	
12	100						
13	75	3	68,69,70	X	188	22.7	
14	75						
15	45	4	71,72,73	X	460	23.9	
16	45						
17	25	5	74,75,76	X	300	24.0	
18	25						
19	5	6	77,78,79	X	295	24.2	
20	5						
21							
22							
23							
24							

Notes:
No ATP Blanks

CMORE/Agouron-8

CTD CAST Data Sheet

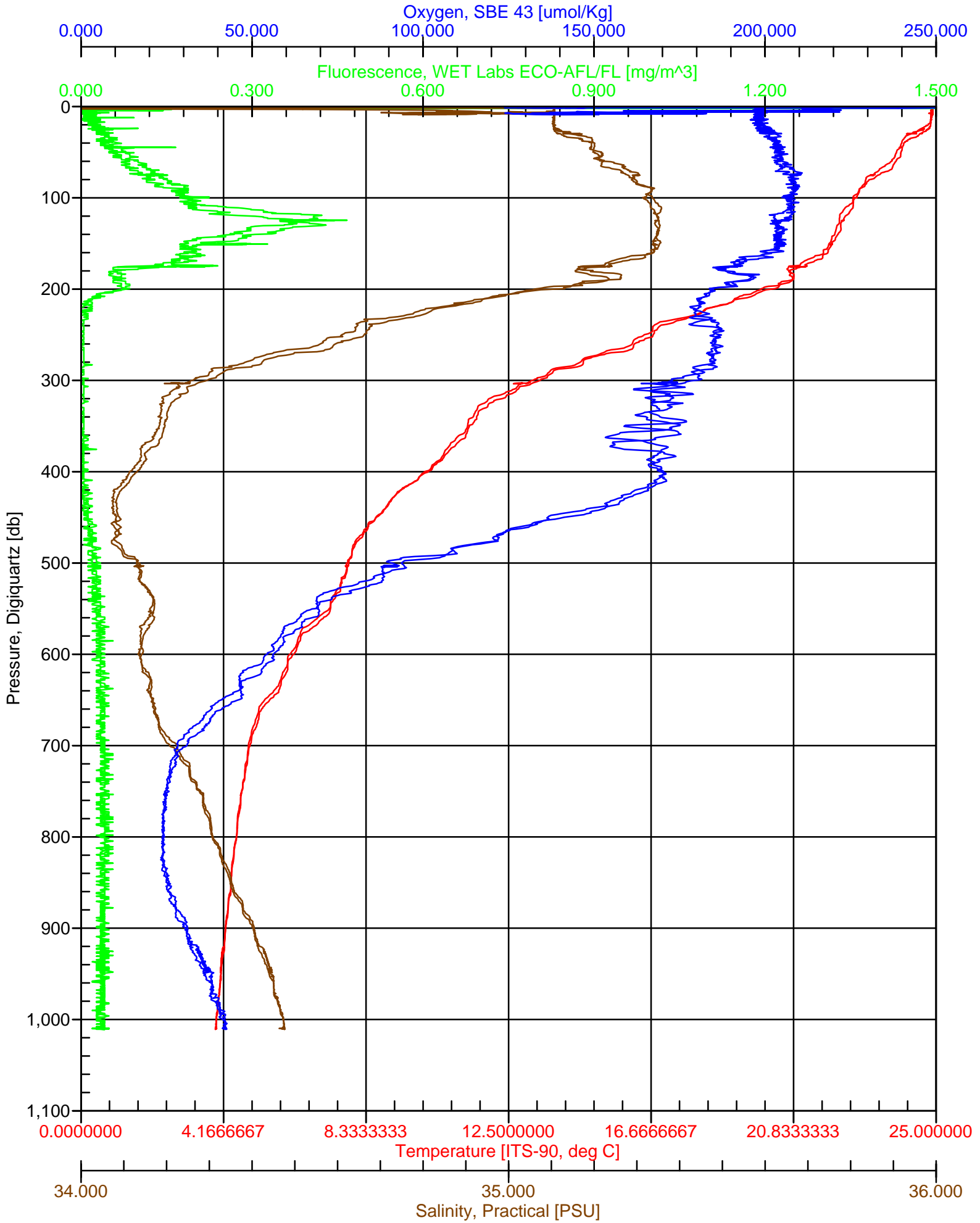
Station # 1
 Cast # 15
 Operator(s): _____

Date: 6/15/12 (HST)
 Time: 0900 (HST)

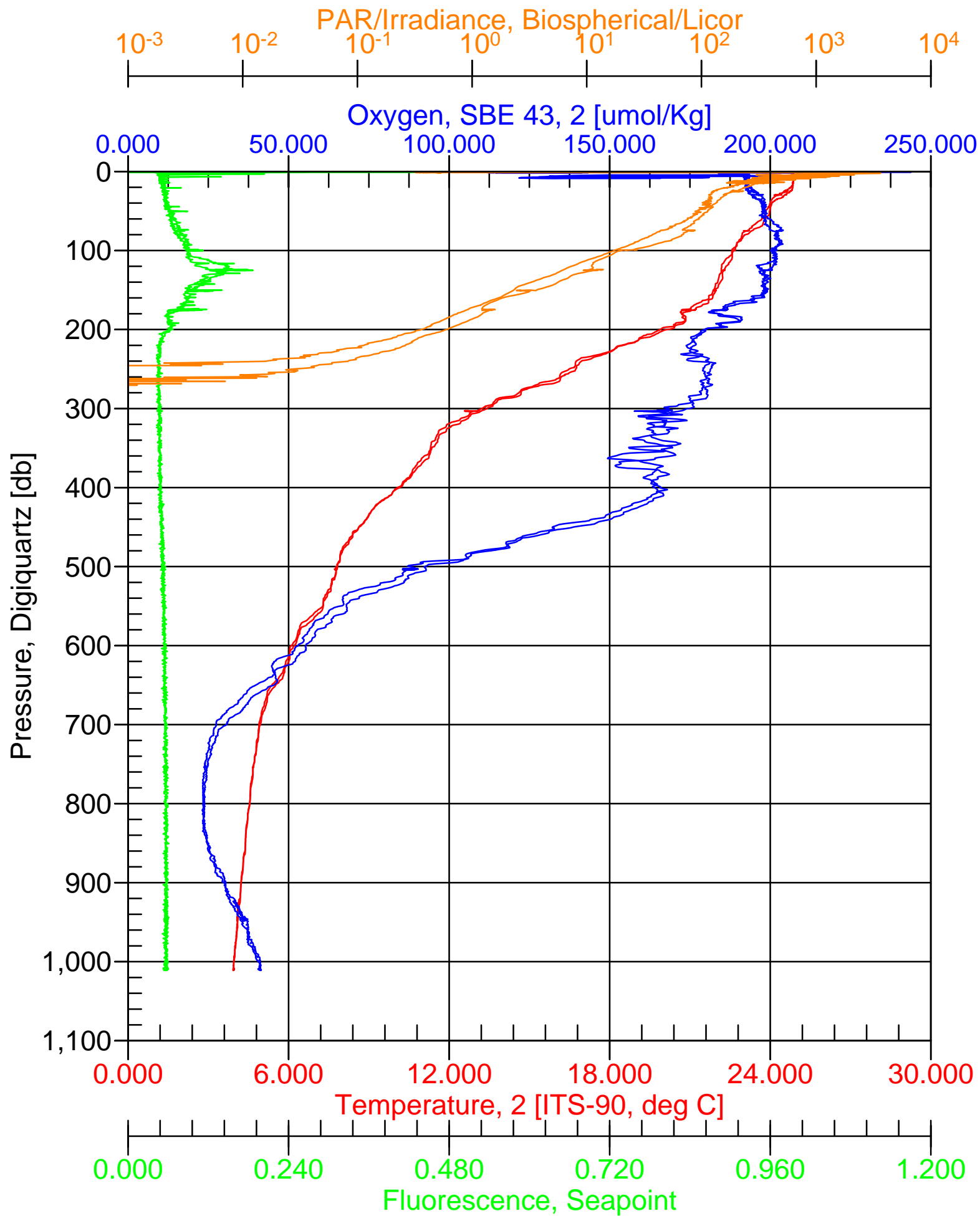
Rosette Position	Depth (m)	Nuts	LLP/LLN				
1	1000	1					
2	750	2					
3	500	3					
4	300	4					
5	175		5				
6	175						
7	150		7				
8	150						
9	125		9				
10	125						
11	100		11				
12	100						
13	75		13				
14	75						
15	45		15				
16	45						
17	25		17				
18	25						
19	5		19				
20	5				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

Notes:

AG8_S1C15.hex



AG8_S1C15.hex



CMORE/Agouon-8

CTD Data Sheet

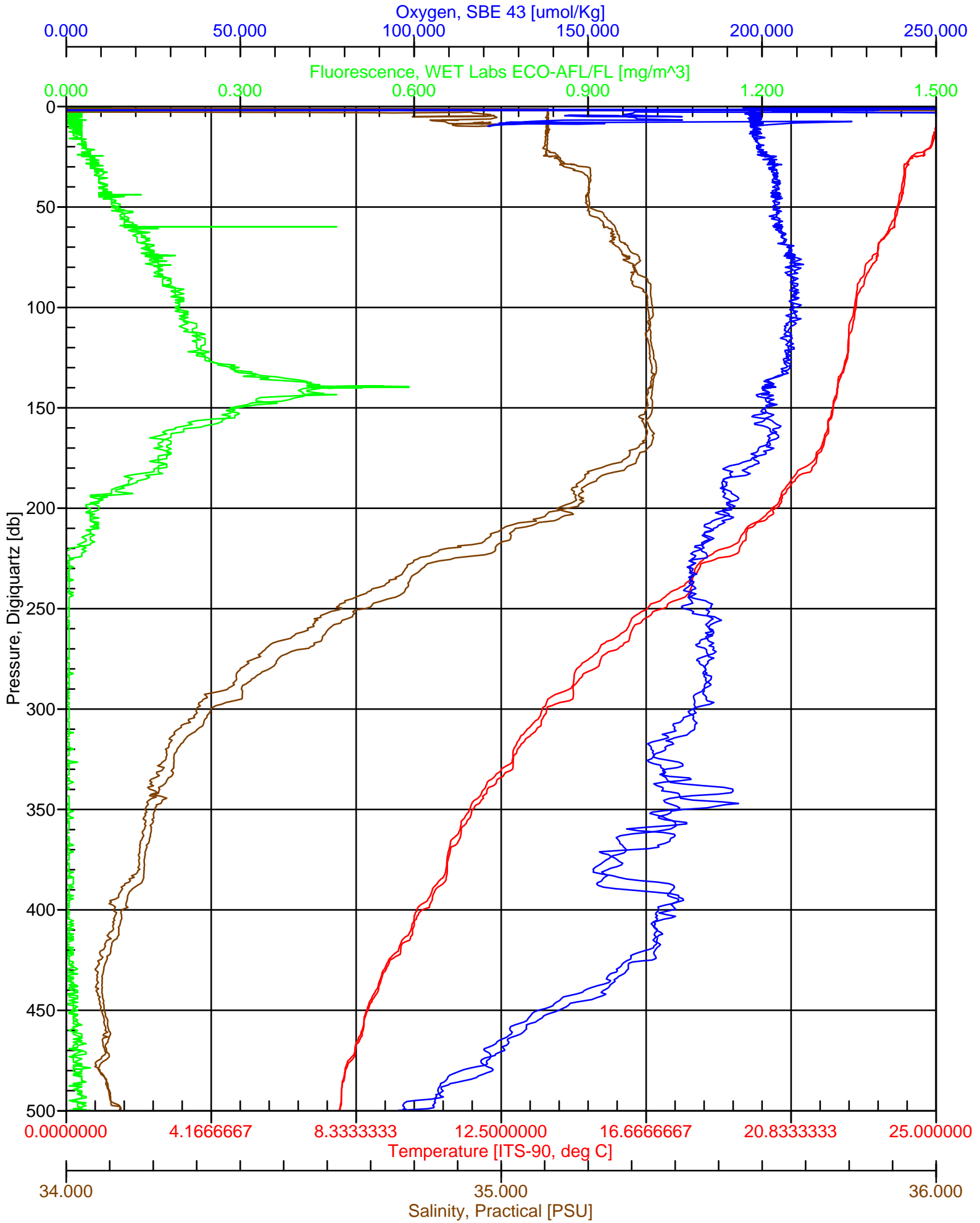
Station # 1
 Cast # 16
 Operator(s): _____

Date: 6/15/12 (HST)
 Time: 1300 (HST)

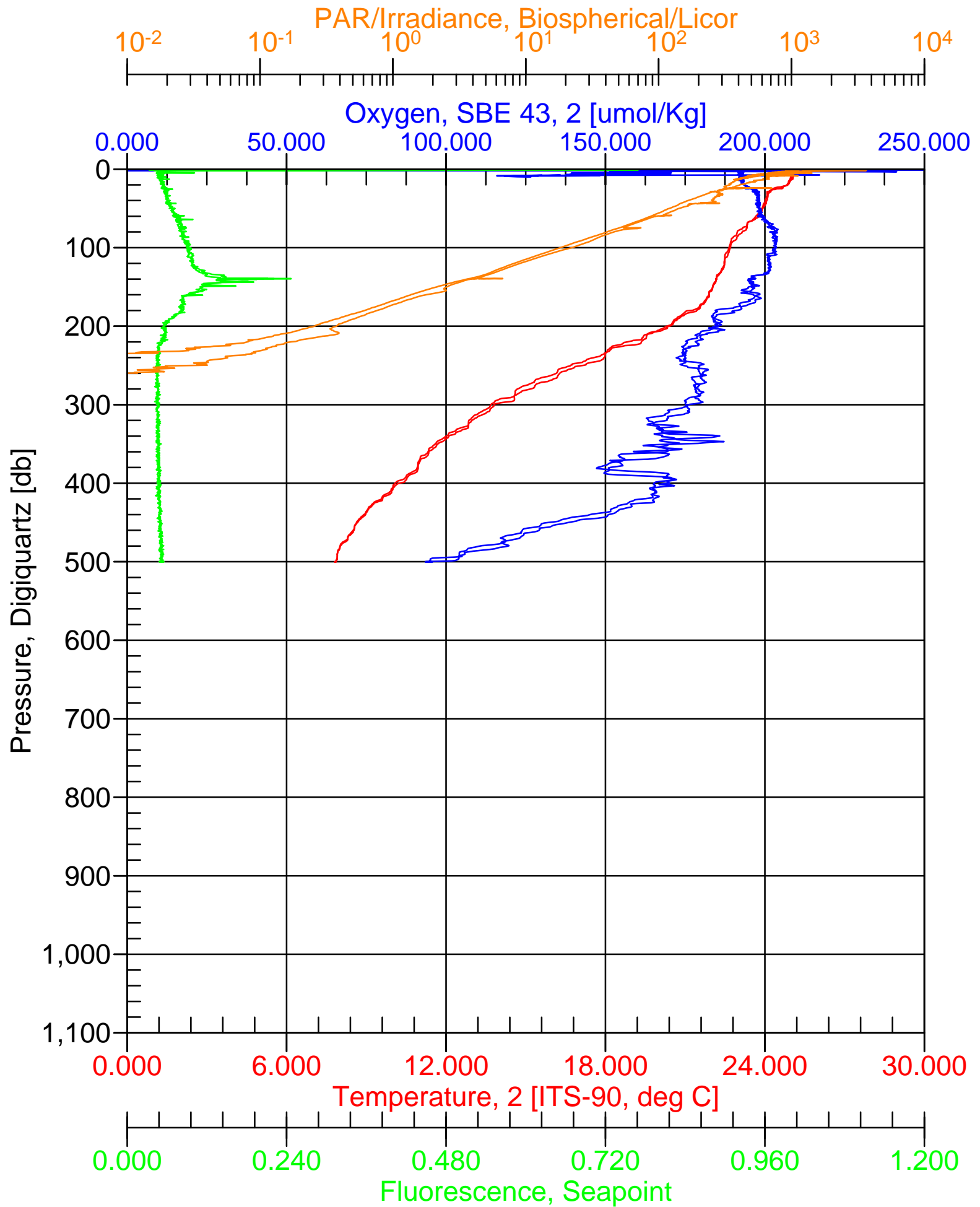
Rosette Position	Depth (m)	Microscopy	FCM			
1	DCM		X			
2	DCM					
3	75	X	X			
4	75					
5	60	X	X			
6	60					
7	45	X	X			
8	45					
9	25	X	X			
10	25					
11	5	X	X			
12	5					
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

Notes:

AG8_S1C16.hex



AG8_S1C16.hex



CMORE/Agouon-8

CTD Data Sheet

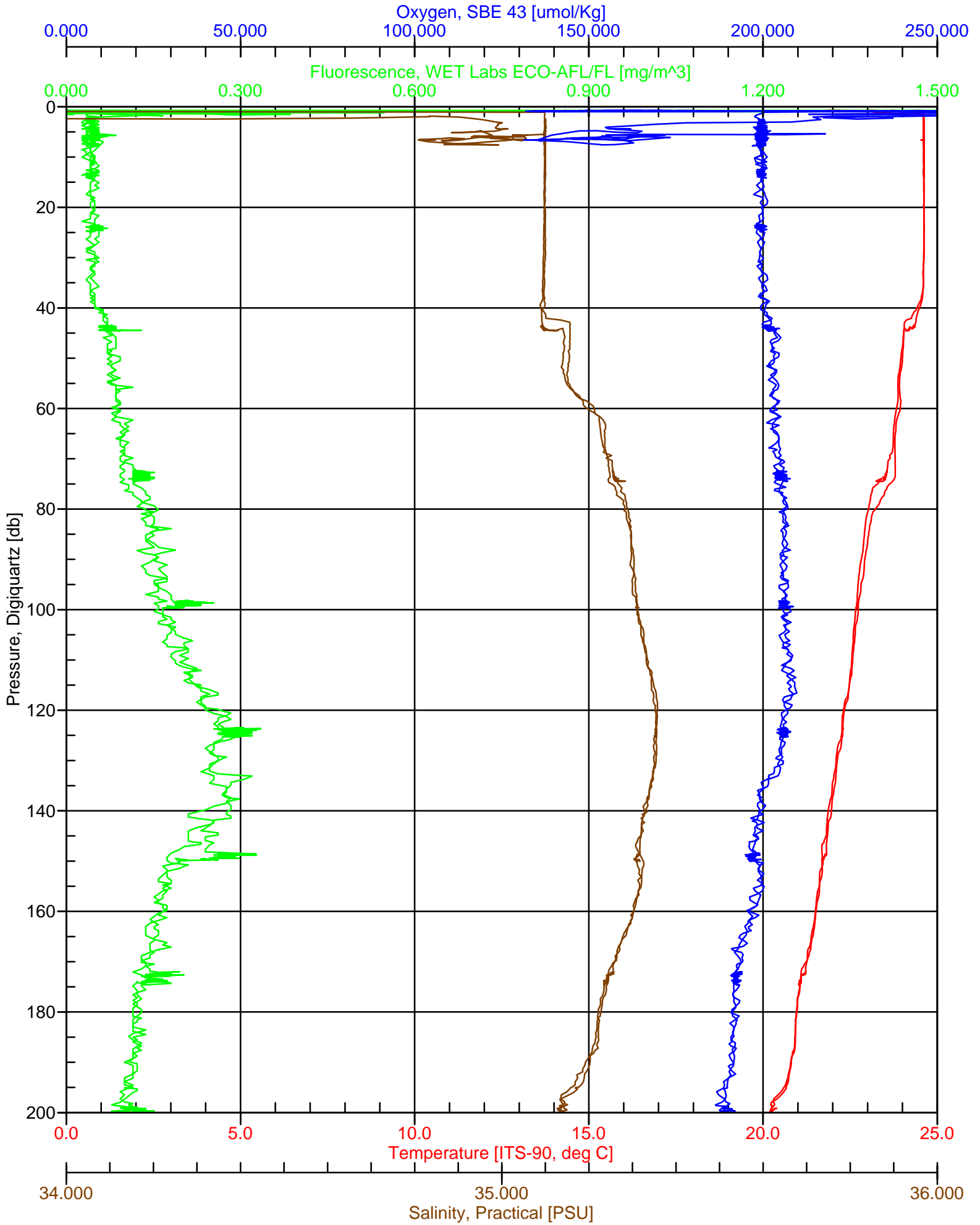
Station # 1
 Cast # 17
 Operator(s): extremophilos

Date: 6/16/12 (HST)
 Time: 0600 (HST)

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

Notes:

AG8_S1C17.hex



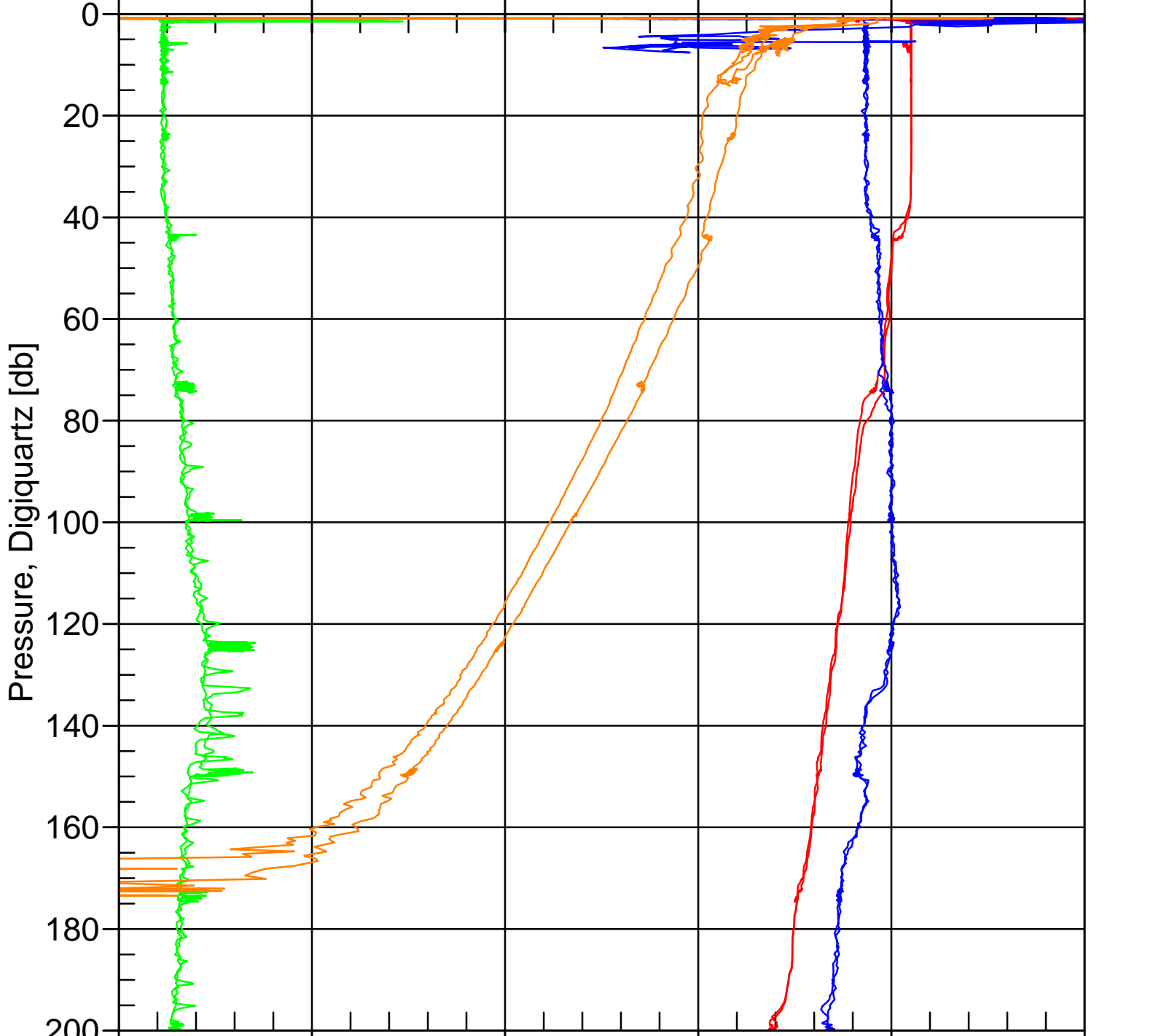
AG8_S1C17.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

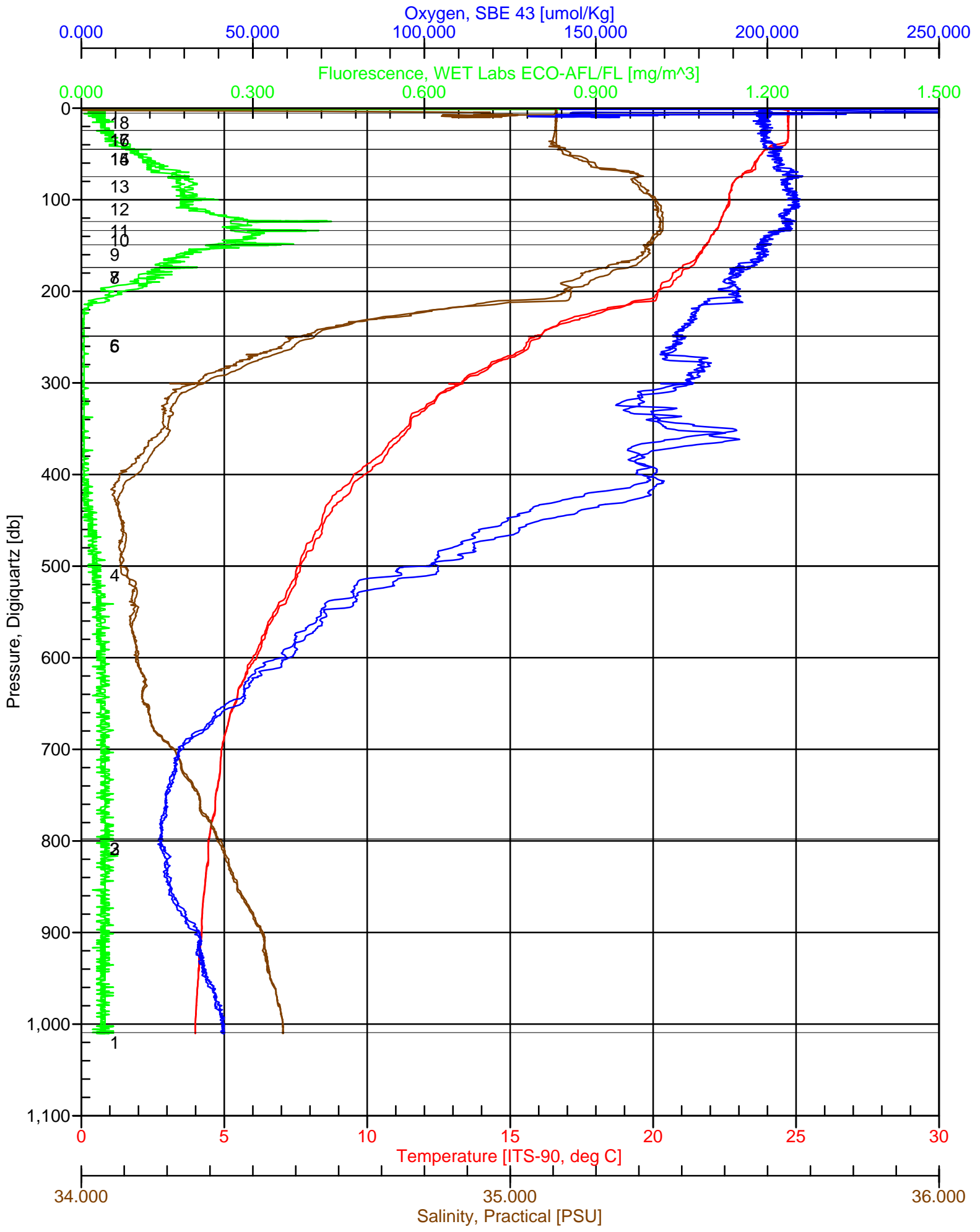
Station # 1
 Cast # 18
 Operator(s): Extremophilos

Date: 6/16/12 (HST)
 Time: 0900 (HST)

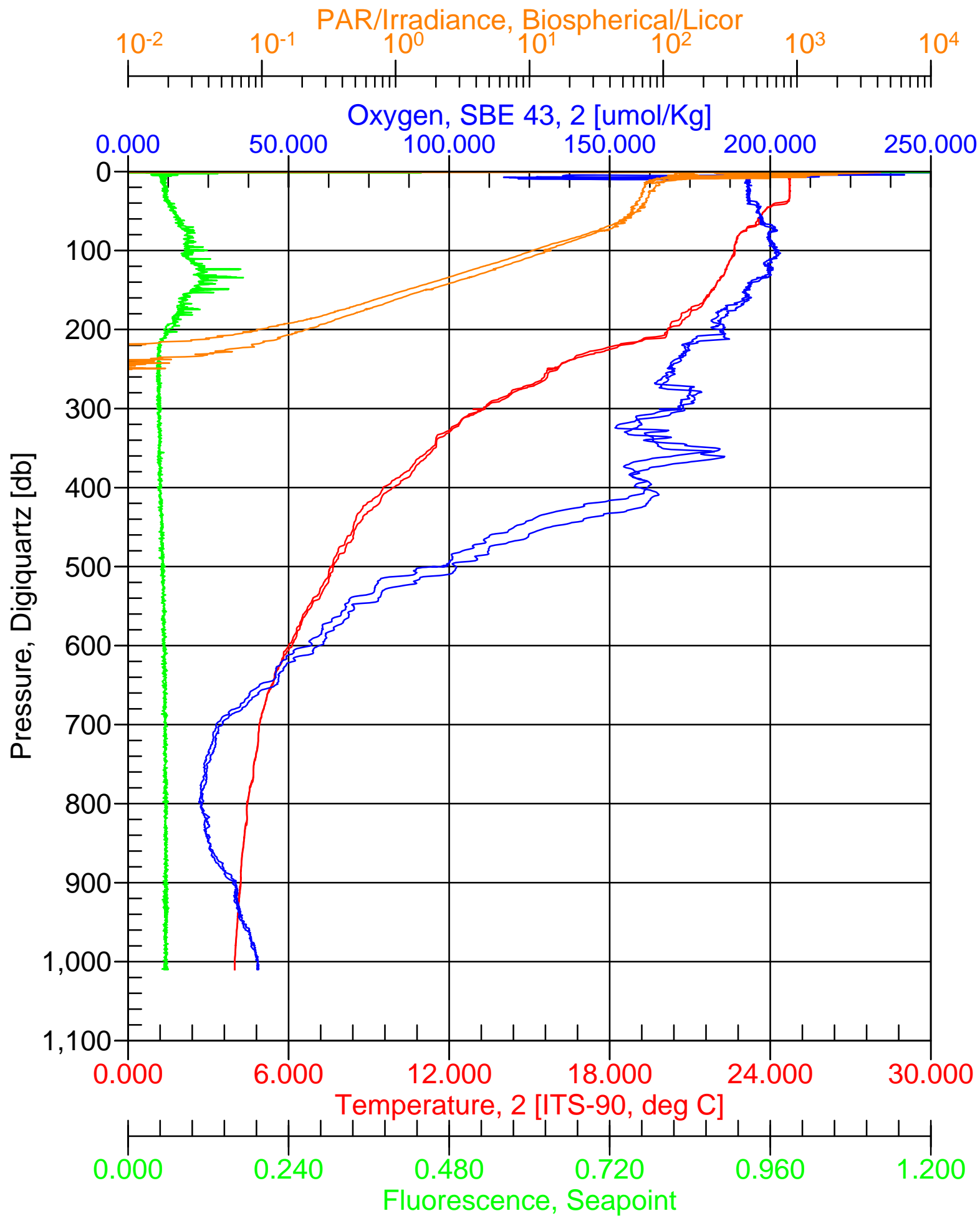
Rosette Position	Depth (m)	DNA/RNA	Microscopy	P vs E	Nuts LLN/LLP	Oxygen	Bottle #	Temp °C
1	1000				1			
2	O2min	8 L						
3	O2min				3	X	191	7.7
4	500				4			
5	300				5	X	404	14.6
6	250	8 L						
7	250							
8	175	8 L						
9	175				9			
10	150	8 L						
11	150				11			
12	DCM(135)			2L				
13	DCM(135)		0.2 L					
14	125	8 L						
15	125				15	X	197	22.3
16	100	8 L						
17	100		0.2 L		17	X	295	23.2
18	75	8 L						
19	75		0.2 L		19	X	460	22.9
20	45		0.2 L					
21	45				21	X	153	23.6
22	25	8 L						
23	25		0.2 L	2 L	23	X	188	24.2
24	5		0.2 L		24	X	300	24.2

Notes:

AG8_S1C18.hex



AG8_S1C18.hex



CMORE/Agouon-8

CTD CAST Data Sheet

Station # 1
 Cast # 19
 Operator(s): _____

Date: 6/16/12 (HST)
 Time: 1000 (HST)

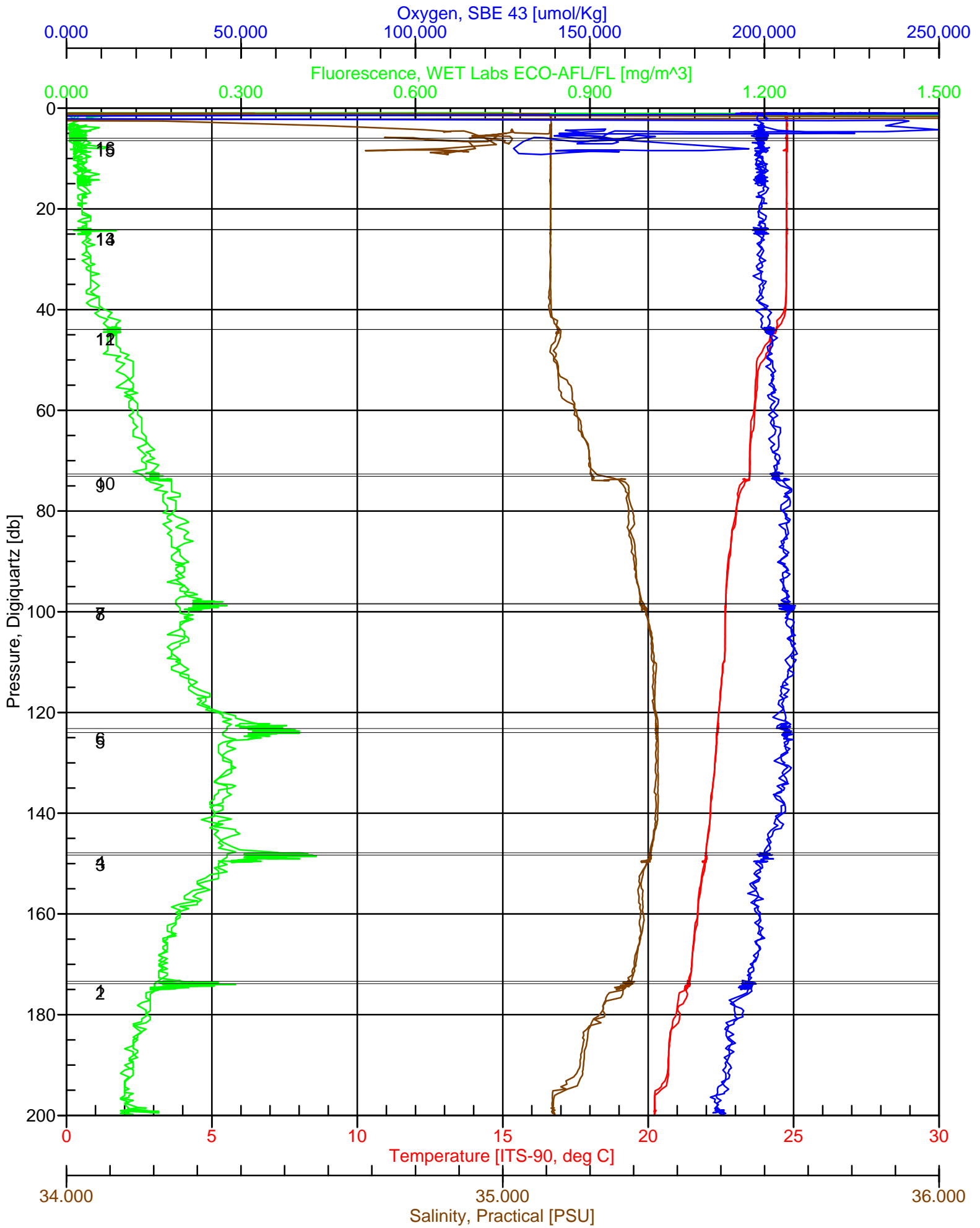
Rosette Position	Depth (m)	ATP 4L	ATP TUBE	PC/PN 4L	PPO4 4L		
1	175						
2	175			2(7)	2(7)		
3	150						
4	150			4(8)	4(8)		
5	125	1	80,81,82				
6	125			6(9)	6(9)		
7	100	2	83,84,85				
8	100			8(10)	8(10)		
9	75	3	86,87,88				
10	75			10(11)	10(11)		
11	45	4	89,90,91				
12	45			12(12)	12(12)		
13	25	5	92,93,94				
14	25			14(13)	14(13)		
15	5	6	95,96,97				
16	5			16(14)	16(14)		
17							
18							
19							
20							
21							
22							
23							
24							

Notes:

ATP Blanks: 98,99,100

PPO4 sample 1-19-14 had a black spec on filter; PPO4 sample 1-19-6 filter broke at end.

AG8_S1C19.hex



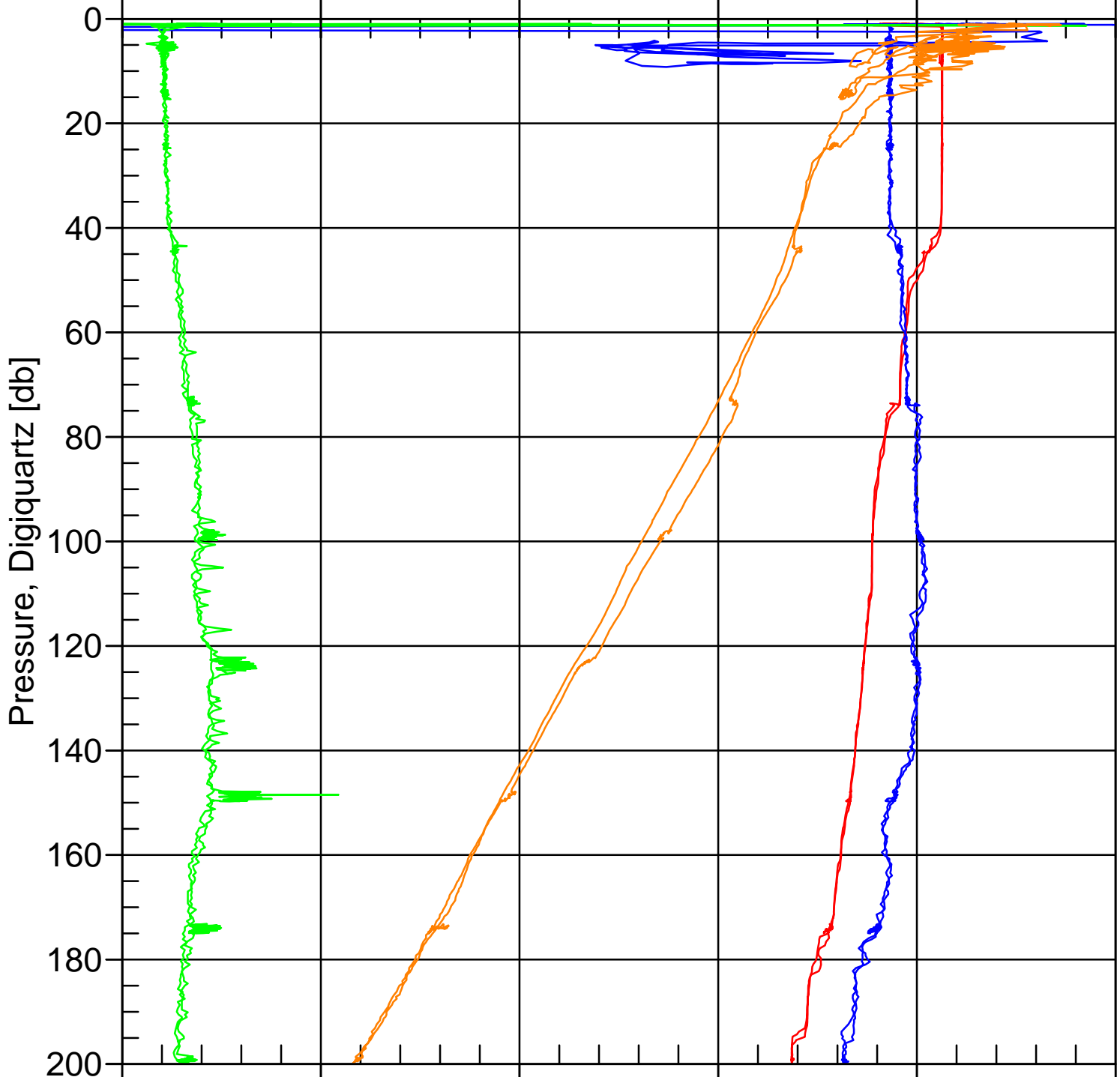
AG8_S1C19.hex

PAR/Irradiance, Biospherical/Licor

10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



CMORE/Agouon-8

CTD Data Sheet

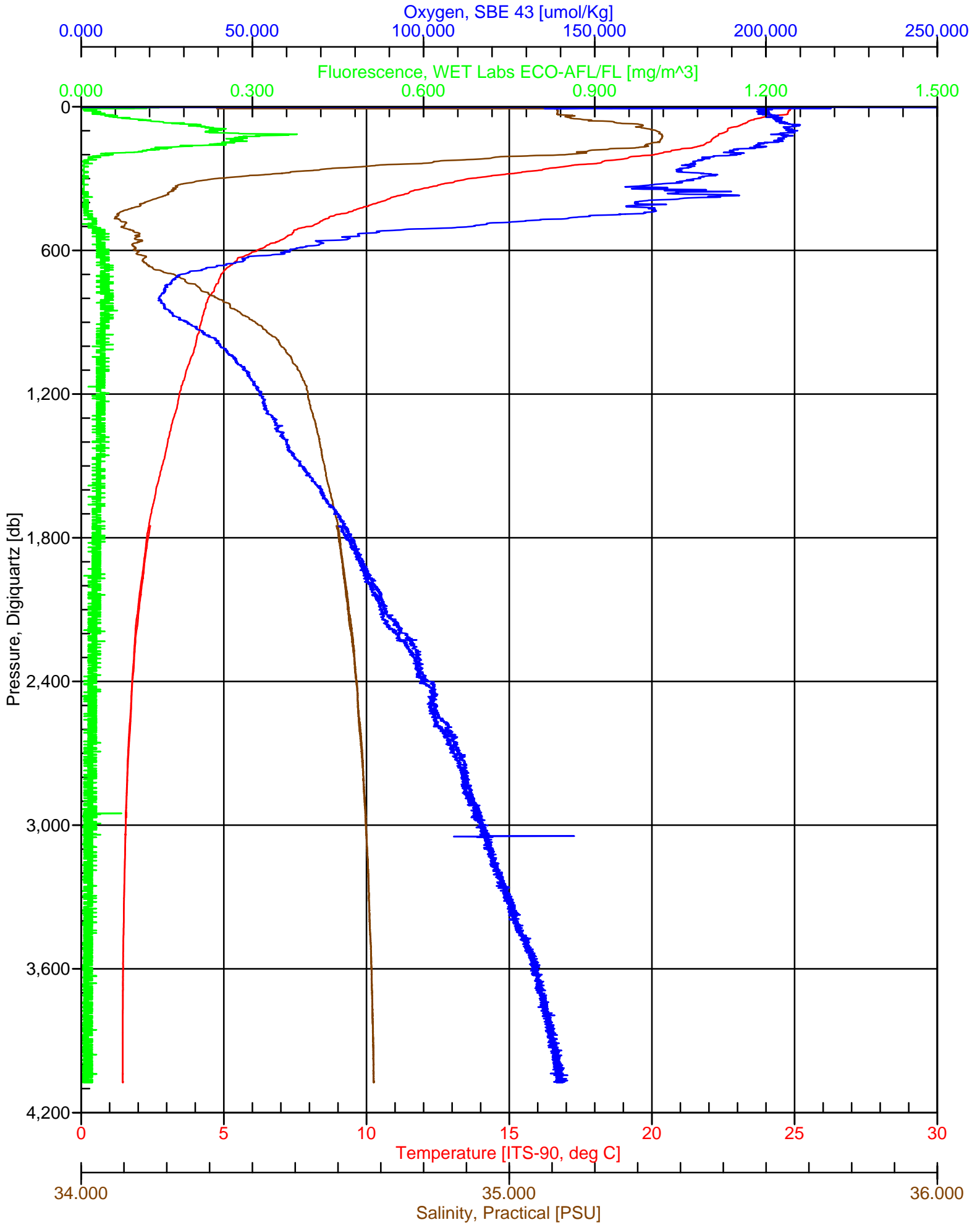
Station # 1
 Cast # 20
 Operator(s): _____

Date: 6/16/12 (HST)
 Time: 1300 (HST)

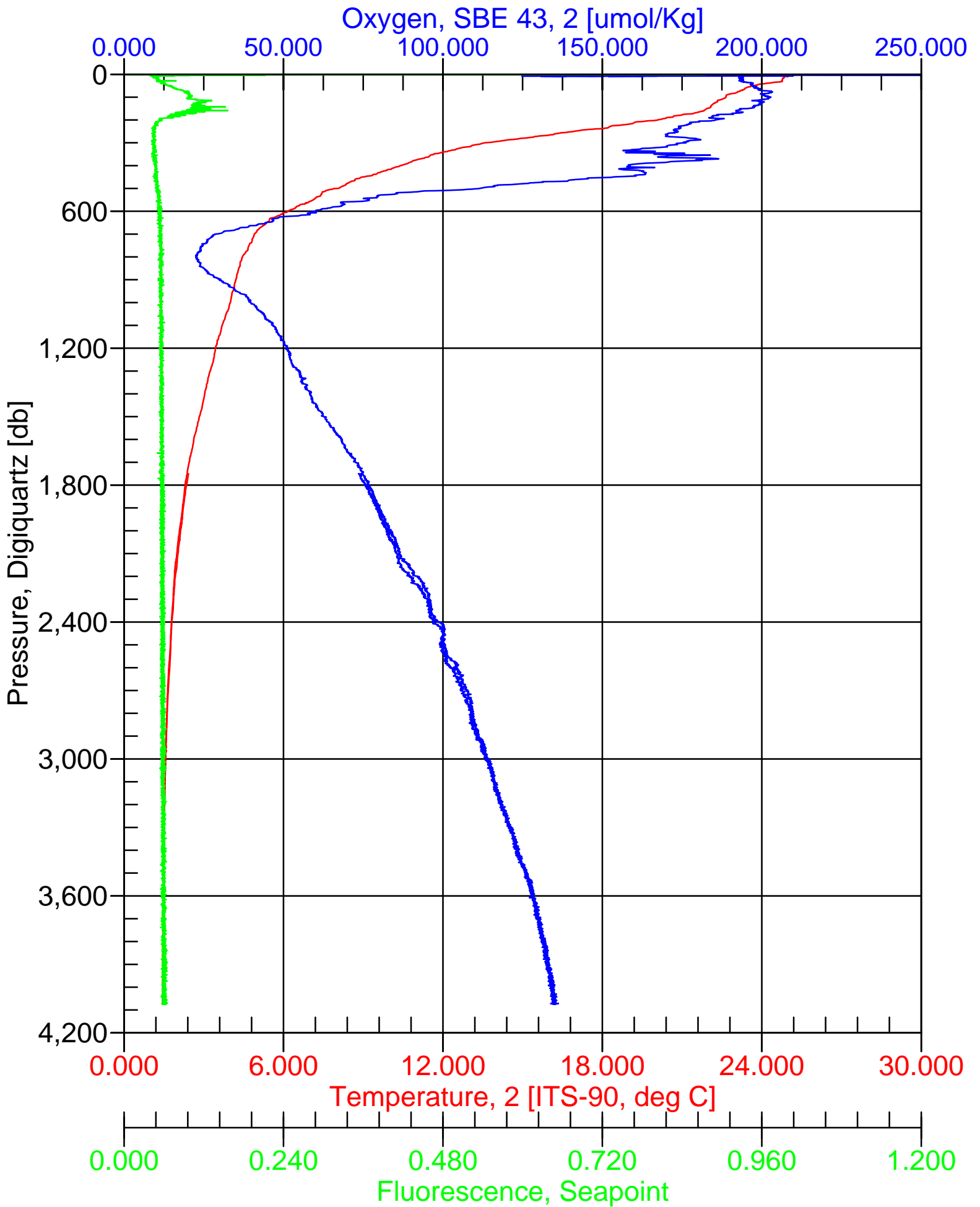
Rosette Position	Depth (m)	Microscopy	FCM	Bacterial Production	Oscar	
1	4000				X	
2	4000				X	
3	4000			X		
4	4000		X	X		
5	3000		X	X		
6	2000		X	X		
7	1000		X	X		
8	750		X	X		
9	500		X	X		
10	300		X			
11	175		X			
12	150		X			
13	125		X			
14	100		X			
15	75	X	X			
16	60	X	X			
17	45	X	X			
18	25	X	X			
19	5	X	X			
20						
21						
22						
23						
24						

Notes:

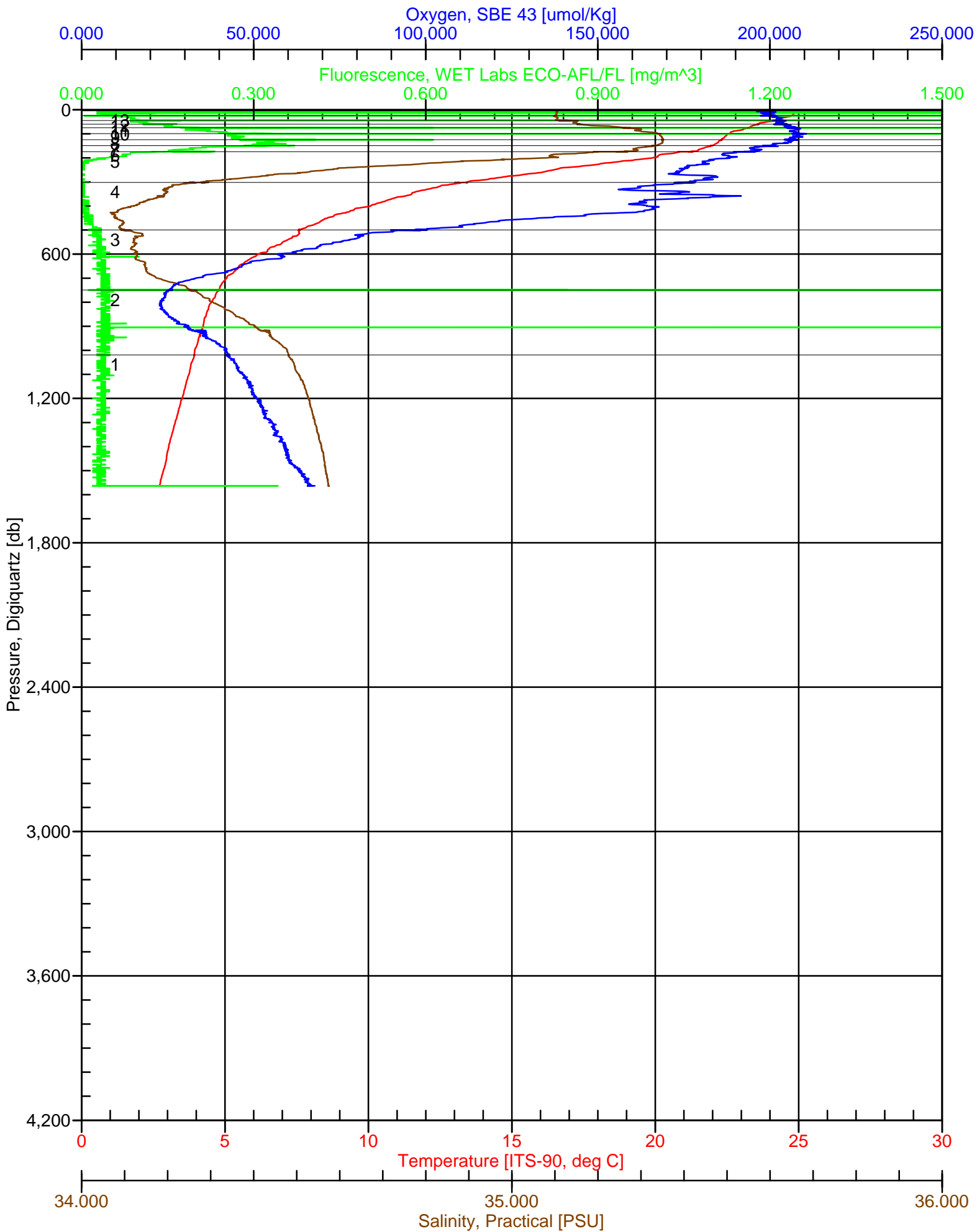
AG8_S1C20.hex



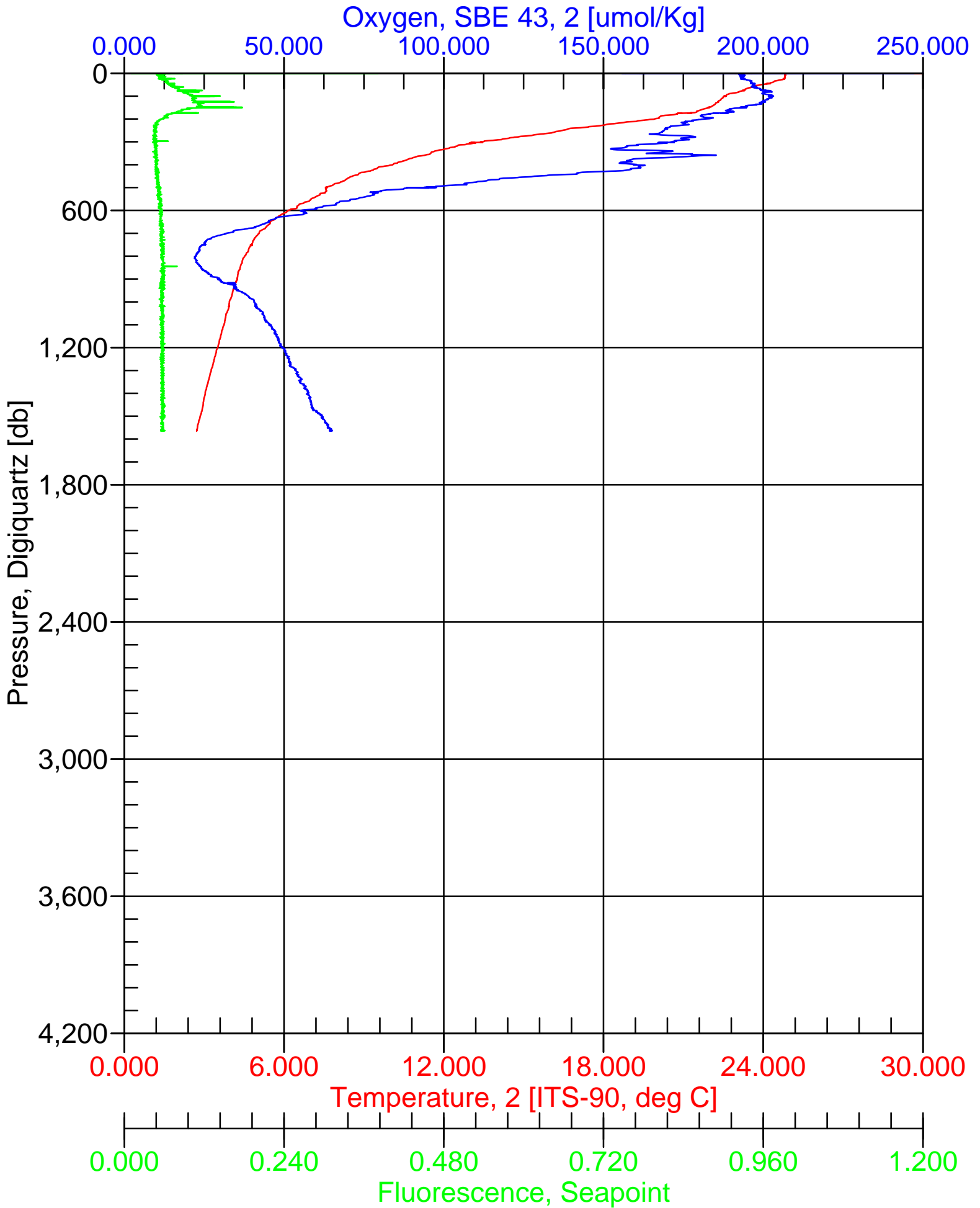
AG8_S1C20.hex



AG8_S1C20b.hex



AG8_S1C20b.hex



CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 23
 Operator(s): Diel

Date: 6/17/12 (HST)
 Time: 0400 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250		X		X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

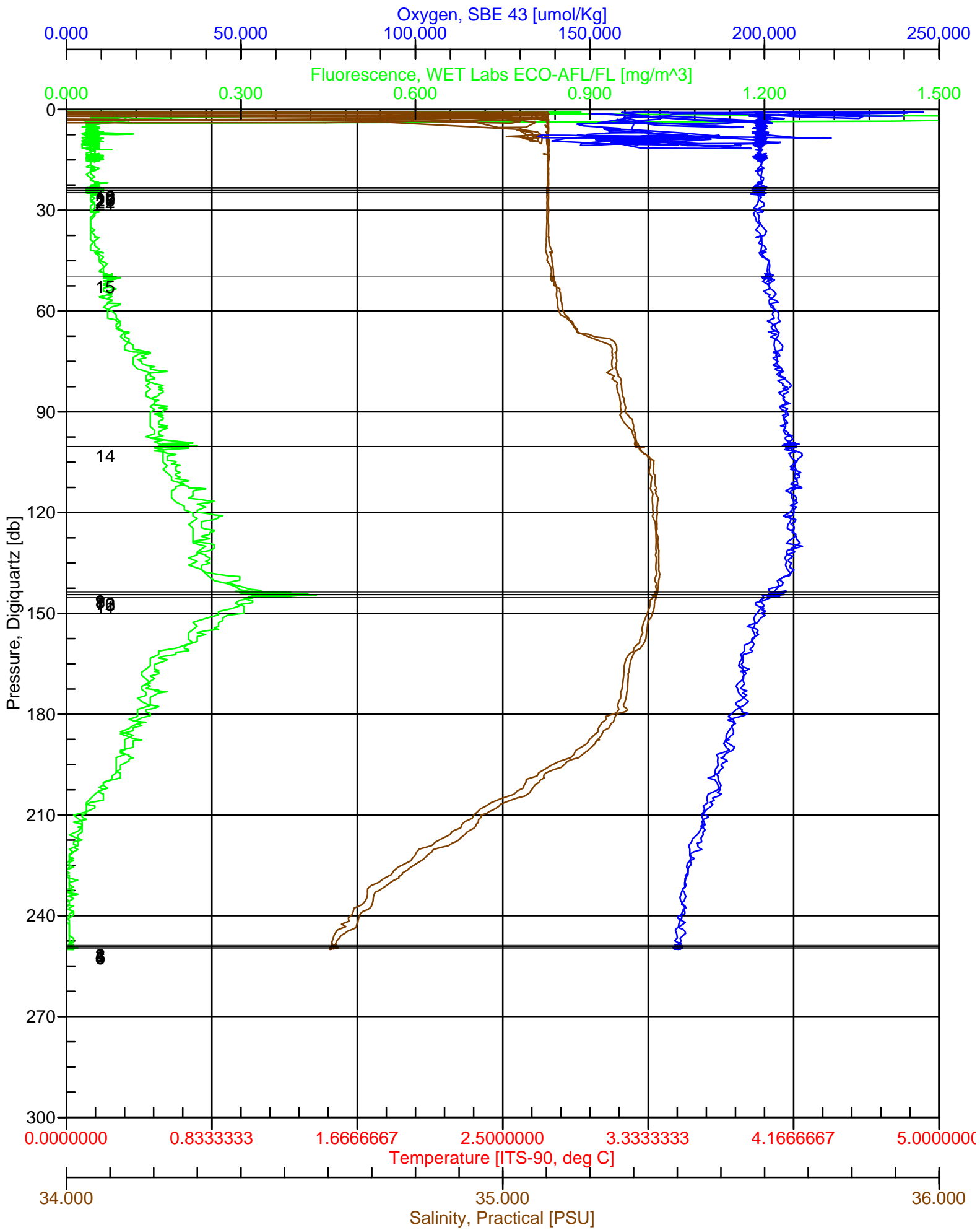
Station # 1
 Cast # 23
 Operator(s): Diel-Biomass

Date: 06/17/2012 (HST)
 Time: 0400 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	101,102,103	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	104,105,106	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	107,108,109	18			
19	25						
20	25				20(9)	20(12)	
21	25						
22	25						
23							
24							

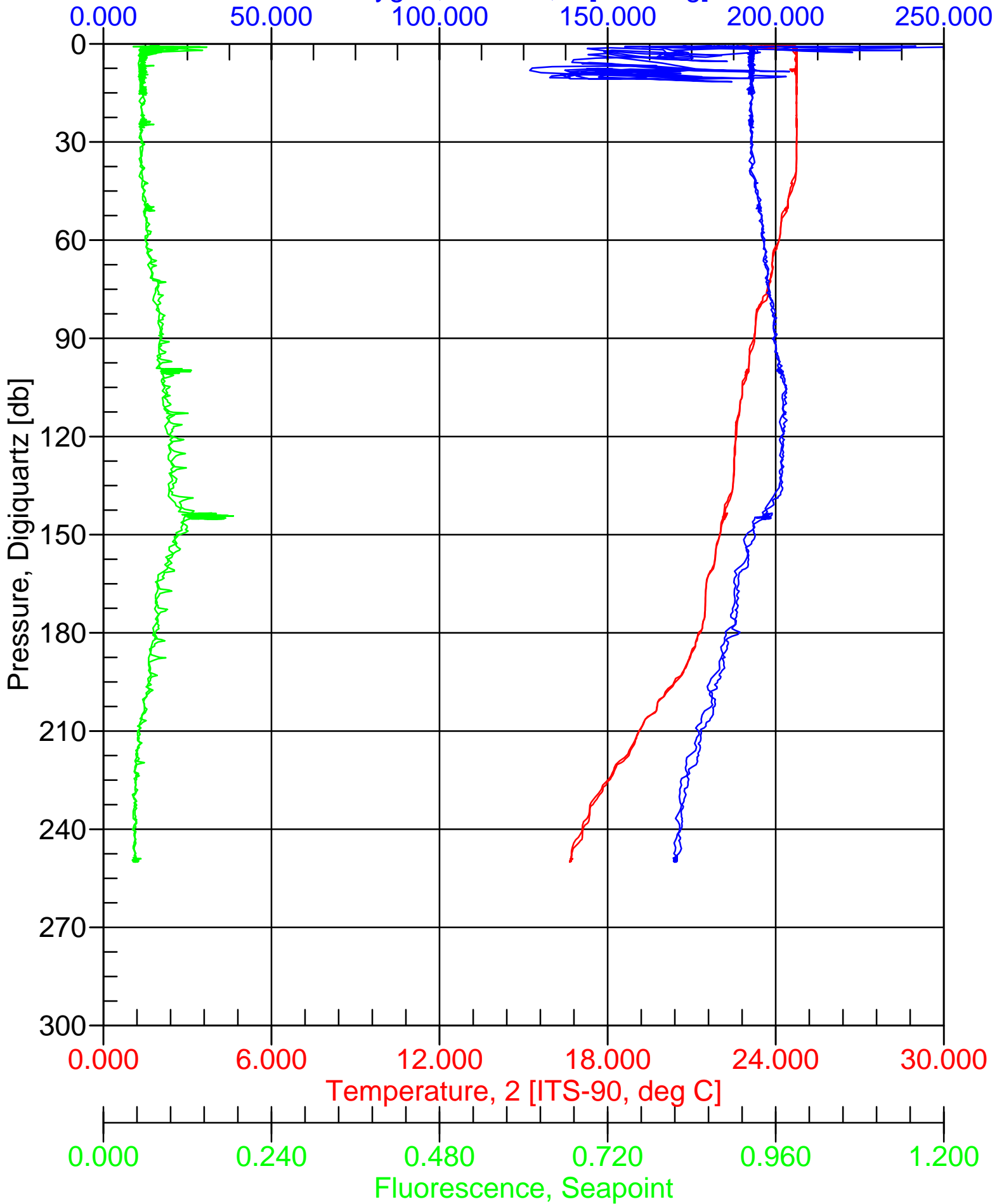
Notes: niskin 19 did not fire

AG8_S1C23.hex



AG8_S1C23.hex

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]



CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 24
 Operator(s): Diel

Date: 6/17/2012 (HST)
 Time: 0700 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250		X		X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouiron-8

CTD Data Sheet

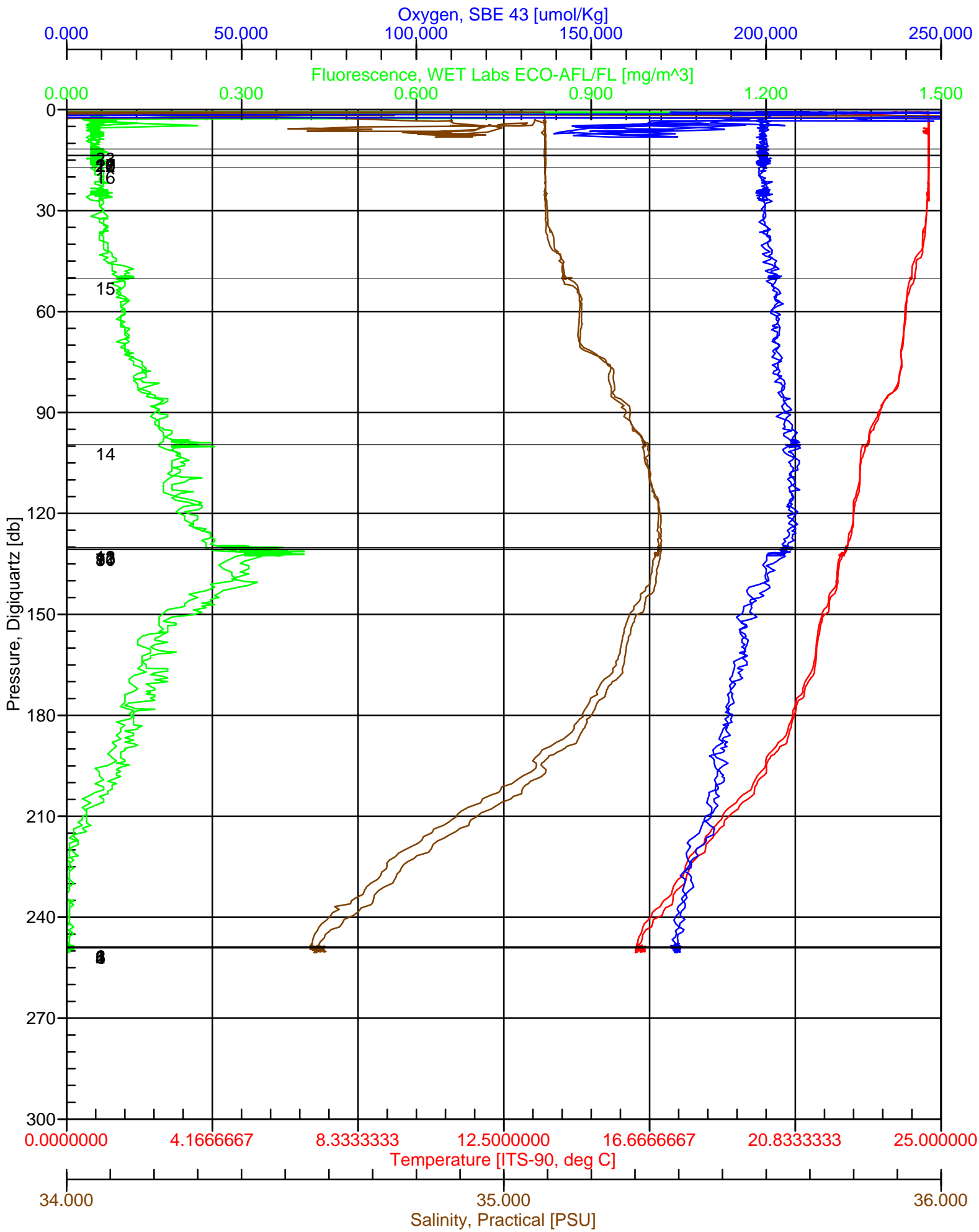
Station # 1
 Cast # 24
 Operator(s): Diel-Biomass

Date: 06/17/2012 (HST)
 Time: 0700 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	110,111,112	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	113,114,115	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	116,117,118	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

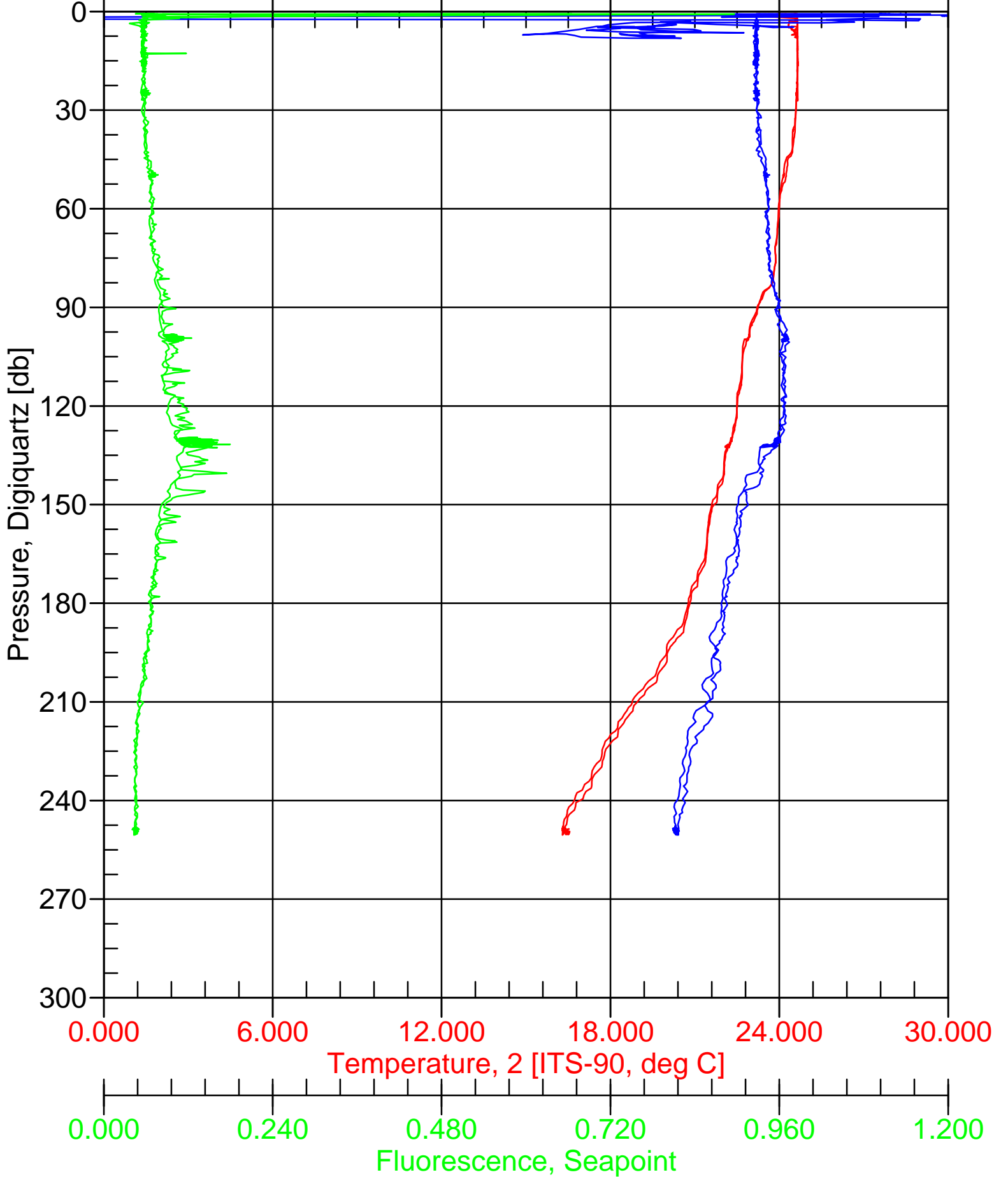
AG8_S1C24.hex



AG8_S1C24.hex

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 25
 Operator(s): Diel

Date: 6/17/2012 (HST)
 Time: 1000 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250		X		X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

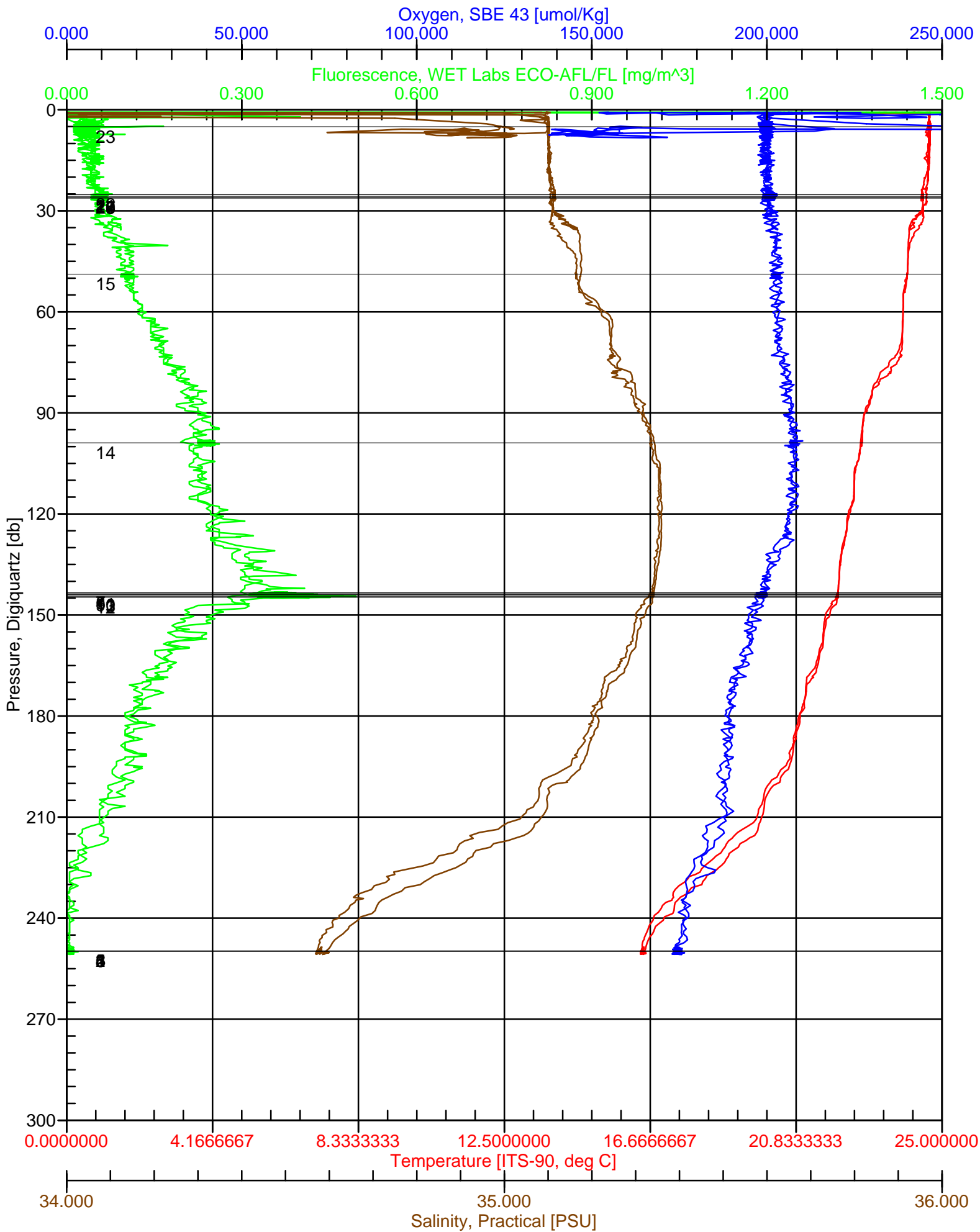
CTD Data Sheet

Station # 1 Date: 06/17/2012 (HST)
 Cast # 25 Time: 1000 (HST)
 Operator(s): Diel-Biomass

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	119,120,121	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	122,123,124	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	125,126,127	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C25.hex



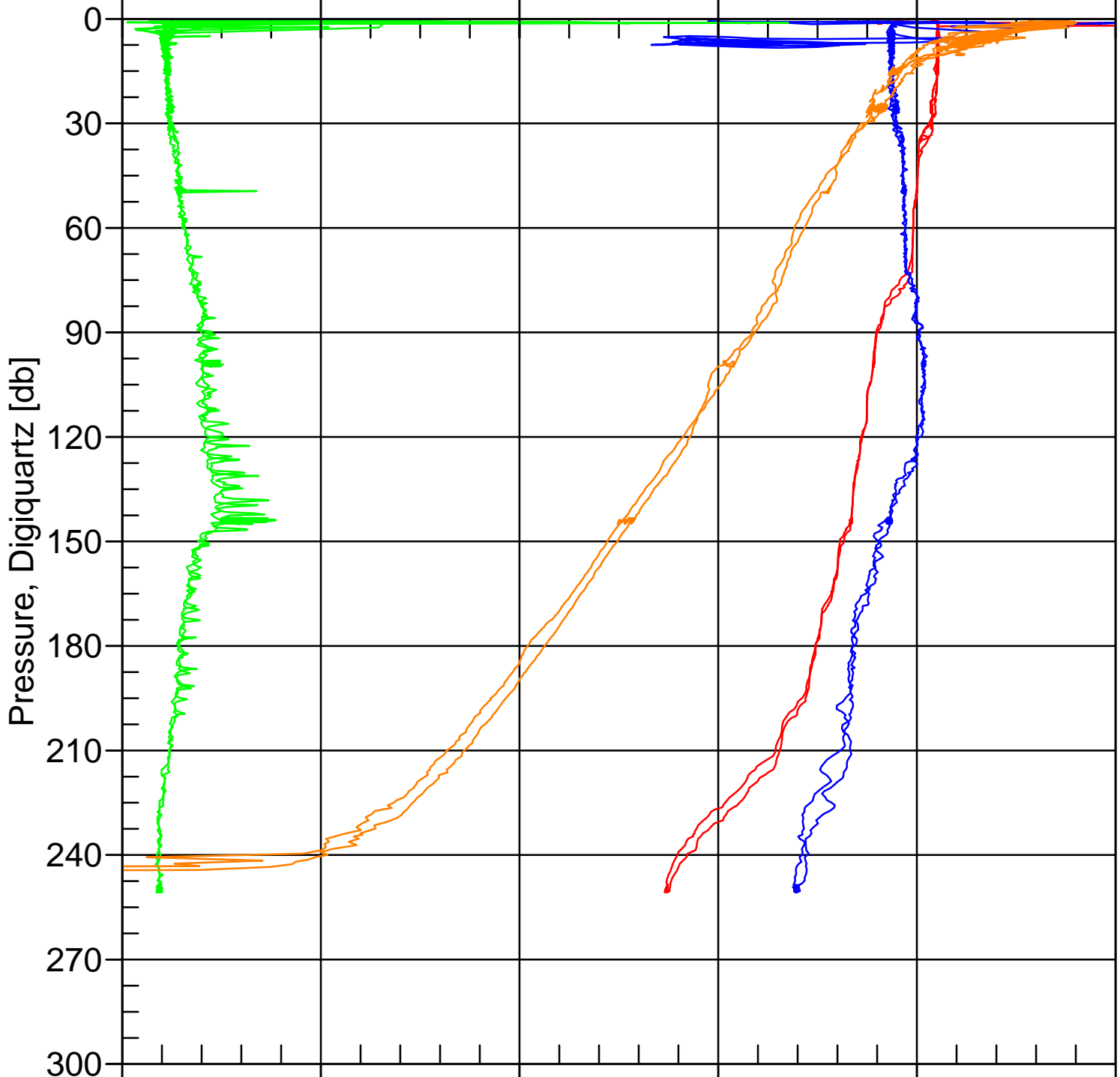
AG8_S1C25.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Pressure, Digiquartz [db]

0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 26
 Operator(s): Diel

Date: 6/17/2012 (HST)
 Time: 1300 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250		X		X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

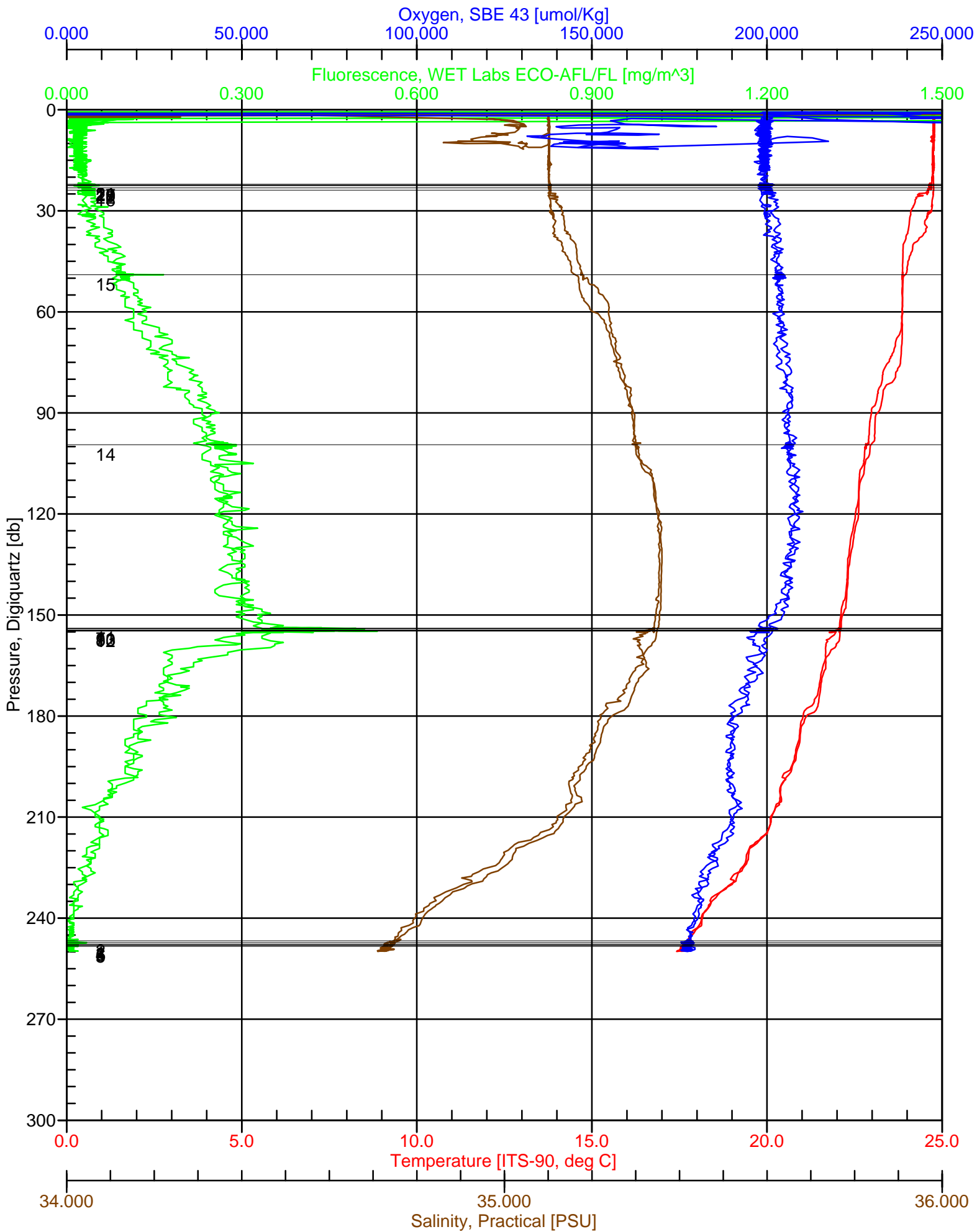
Station # 1
 Cast # 27
 Operator(s): Diel-Biomass

Date: 06/17/2012 (HST)
 Time: 1600 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m						
4	250m				4(7)	4(10)	
5	250m	5(3)	137,138,139	5(3)			
6	250m						
7	DCM						
8	DCM						
9	DCM	9	140,141, 142	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	143,144, 145	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes: Niskin 3 & 20 did not fire. Nutrients, ATP and Chl were sampled from niskin 5

AG8_S1C26.hex



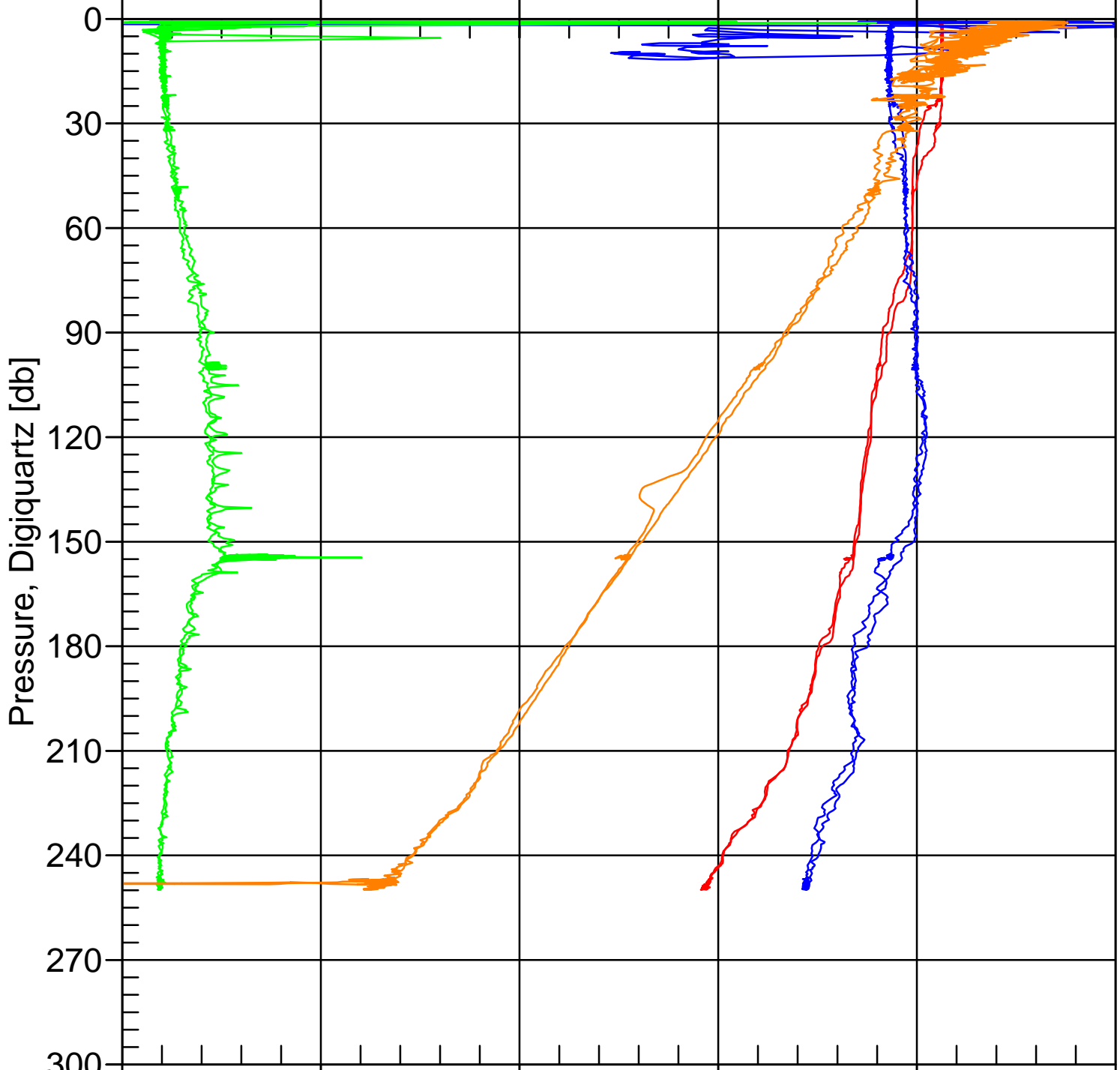
AG8_S1C26.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Pressure, Digiquartz [db]

0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 27
 Operator(s): Diel

Date: 6/17/2012 (HST)
 Time: 1600 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X		X		
6	DCM						
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

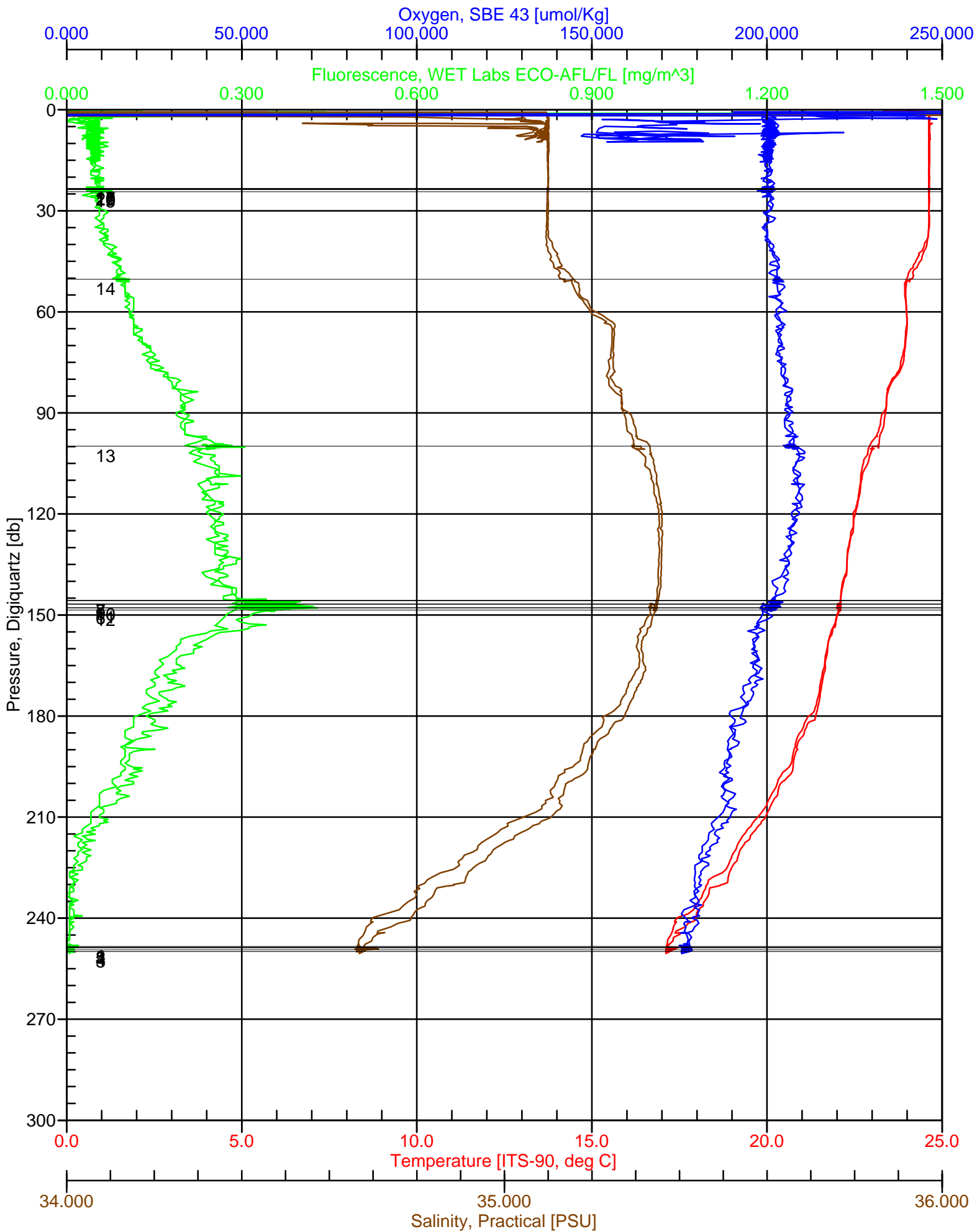
Station # 1
 Cast # 27
 Operator(s): Diel-Biomass

Date: 06/17/2012 (HST)
 Time: 1600 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m						
4	250m				4(7)	4(10)	
5	250m	5(3)	137,138,139	5(3)			
6	250m						
7	DCM						
8	DCM						
9	DCM	9	140,141, 142	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	143,144, 145	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes: Niskin 3 & 20 did not fire. Nutrients, ATP and Chl were sampled from niskin 5

AG8_S1C27.hex



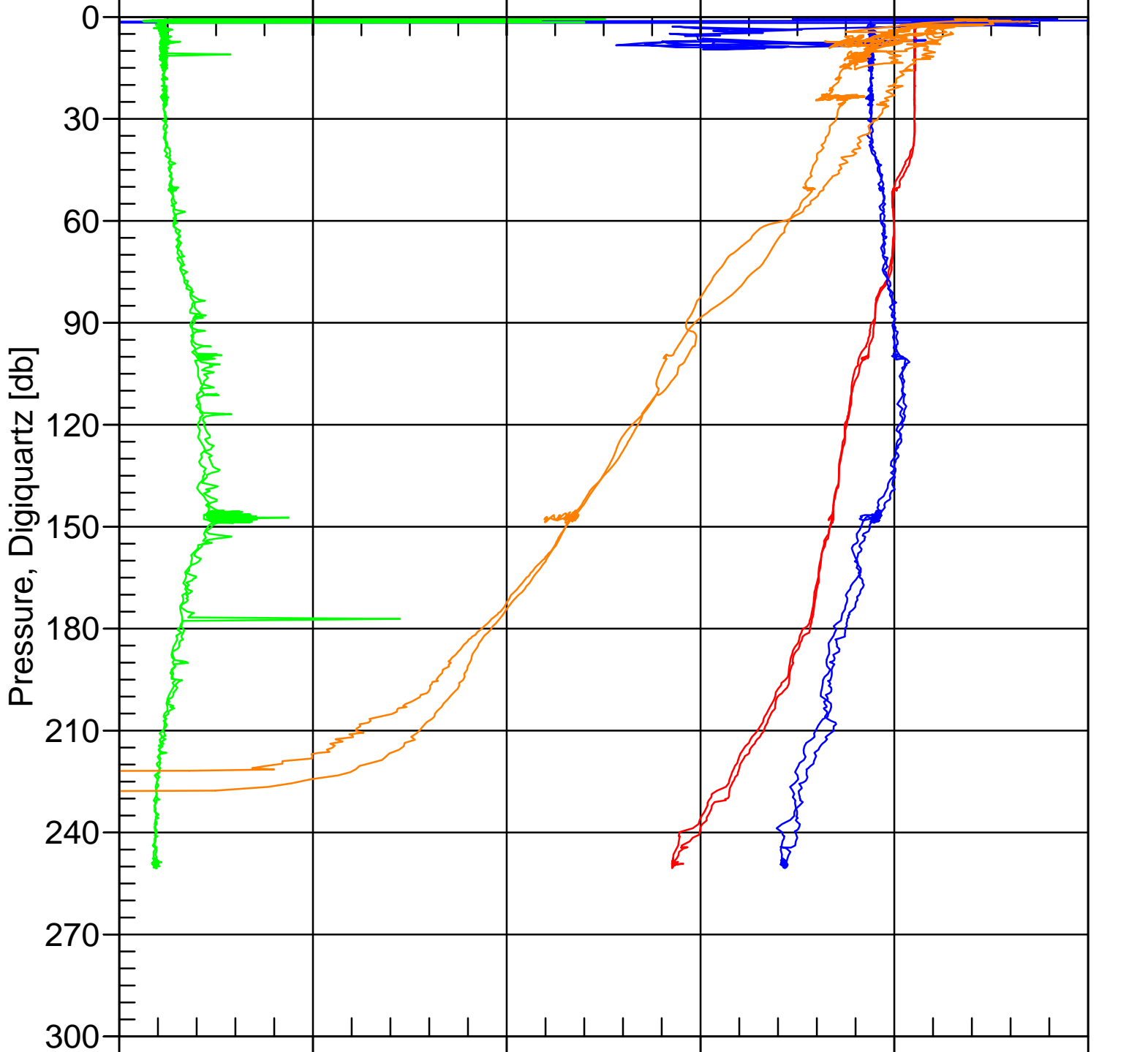
AG8_S1C27.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 28
 Operator(s): Diel

Date: 6/17/2012 (HST)
 Time: 1700 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouiron-8

CTD Data Sheet

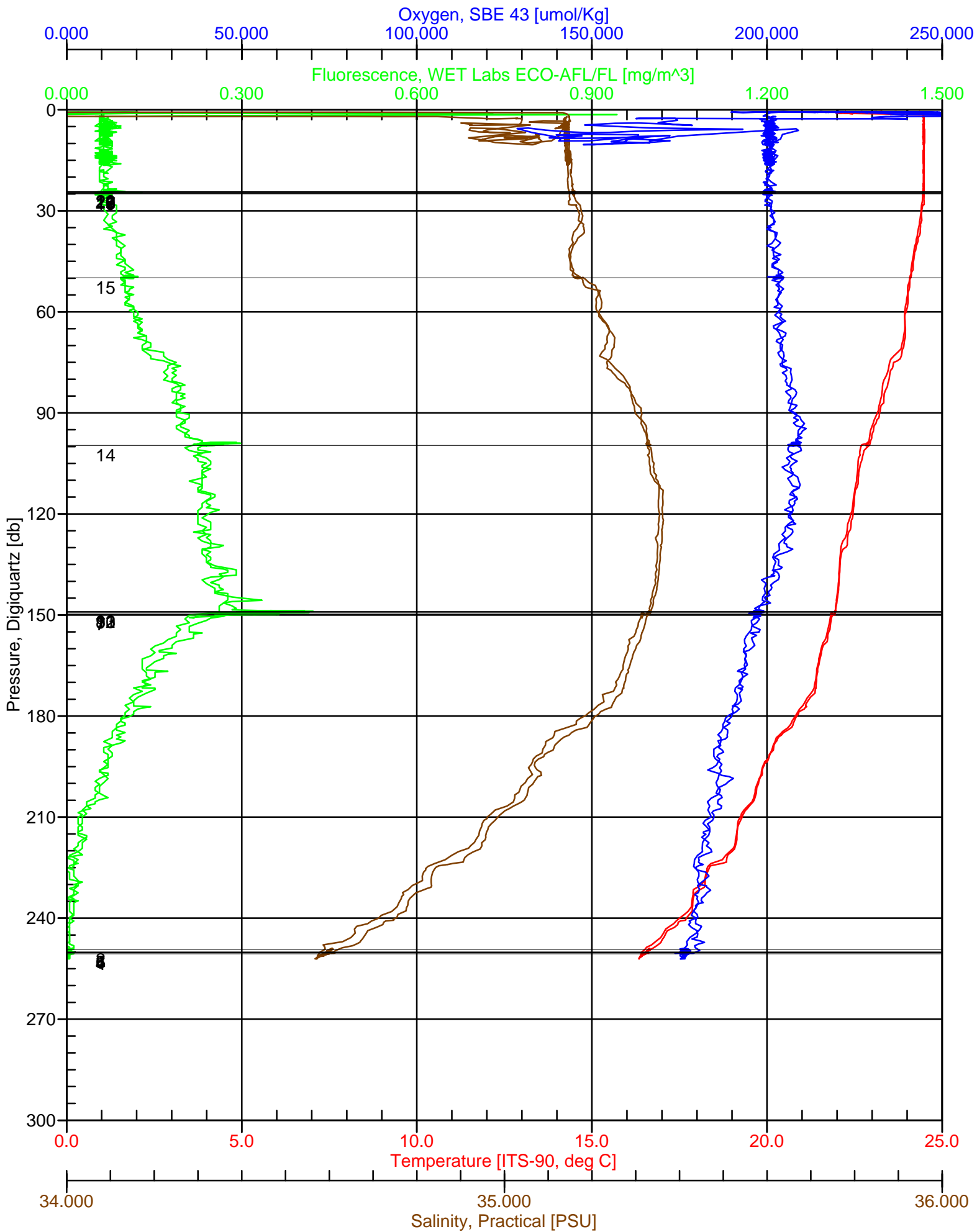
Station # 1
 Cast # 28
 Operator(s): Diel-Biomass

Date: 06/17/2012 (HST)
 Time: 1900 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	146,147,148	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	149,150,151	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	152, 153,154	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C28.hex



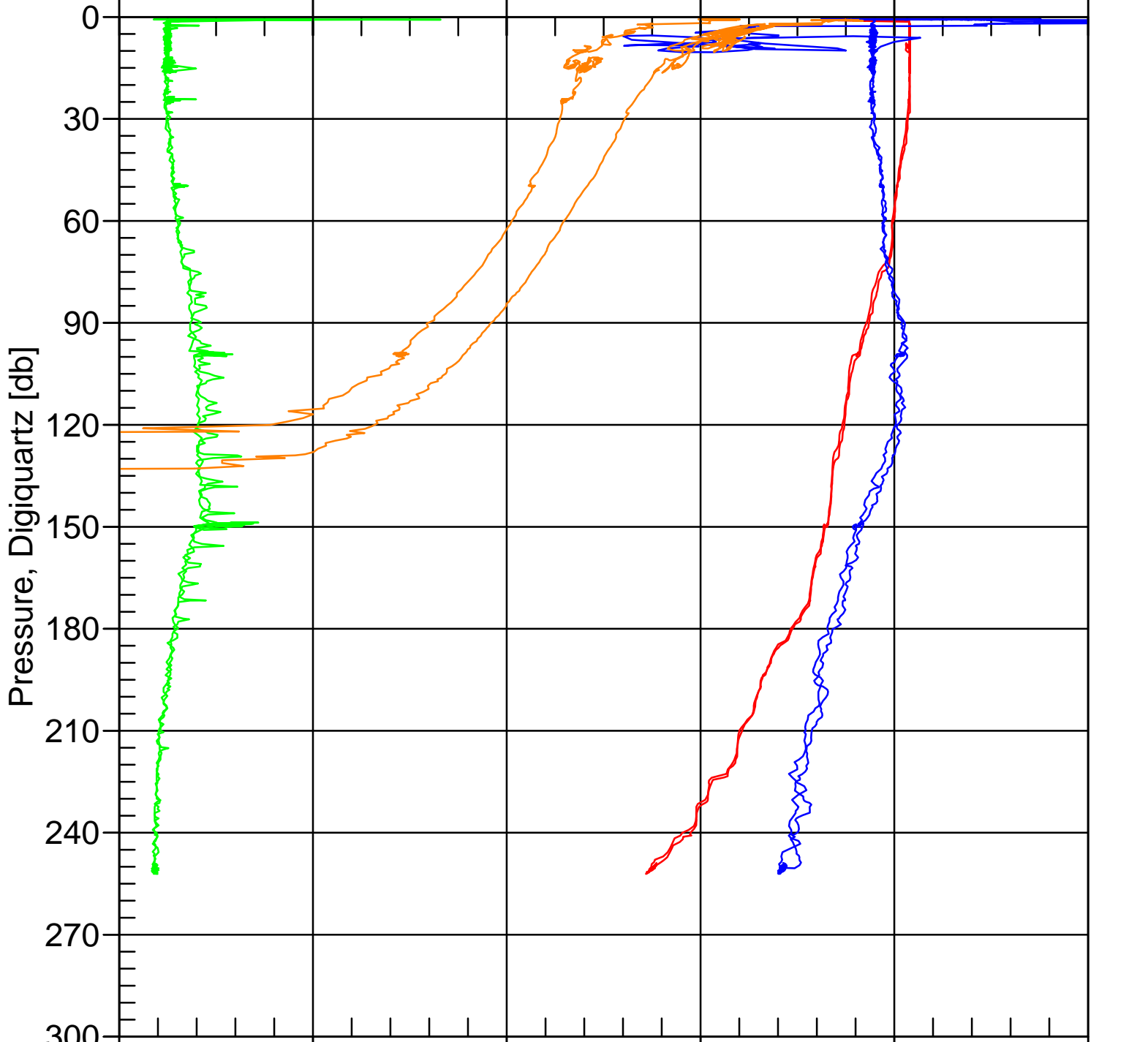
AG8_S1C28.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Temperature, 2 [ITS-90, deg C]

0.000 6.000 12.000 18.000 24.000 30.000

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 29
 Operator(s): Diel

Date: 6/17/2012 (HST)
 Time: 2200 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

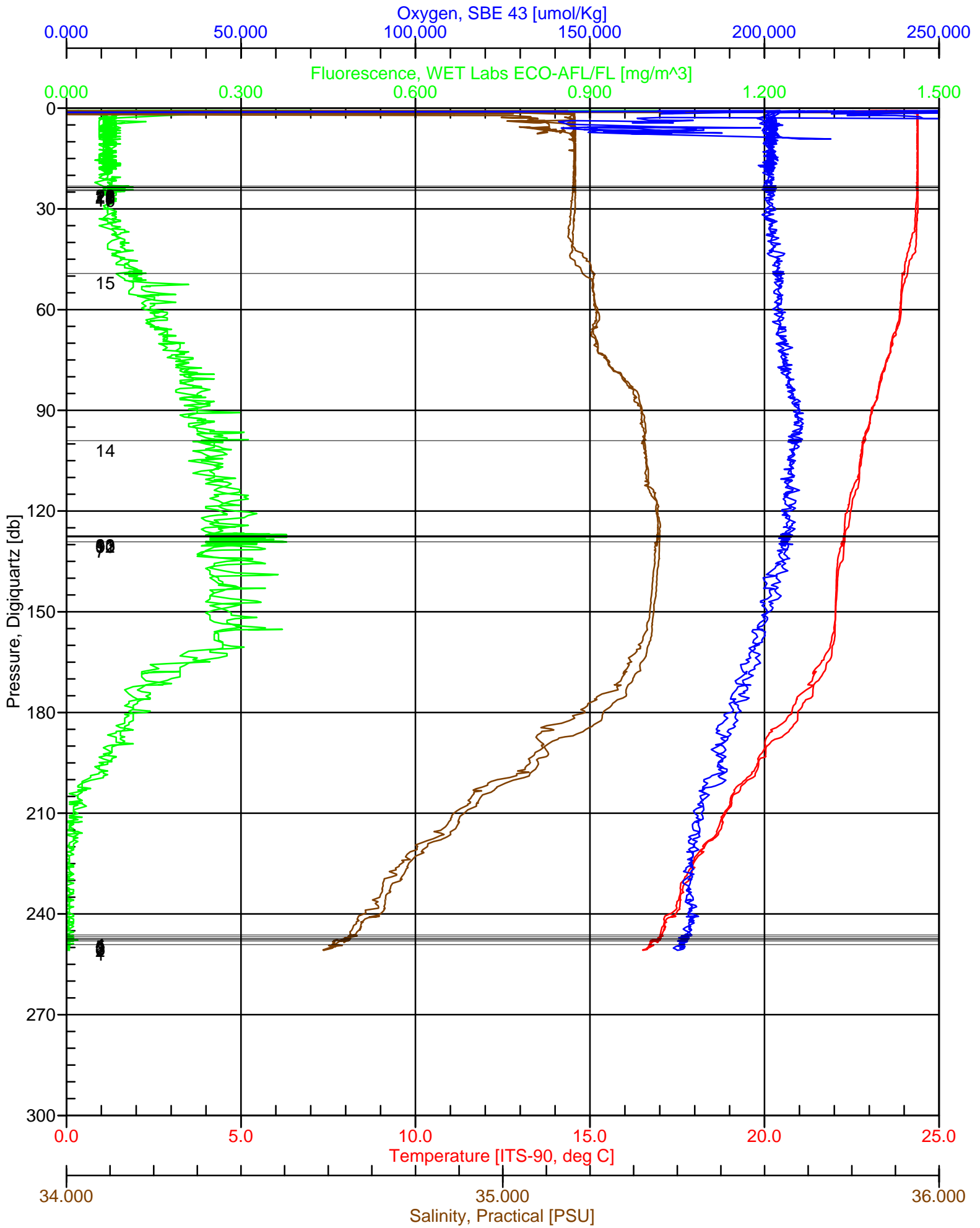
Station # 1
 Cast # 29
 Operator(s): Diel-Biomass

Date: 06/17/2012 (HST)
 Time: 2200 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	155,156,157	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	158,159,160	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	161,162,163	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C29.hex



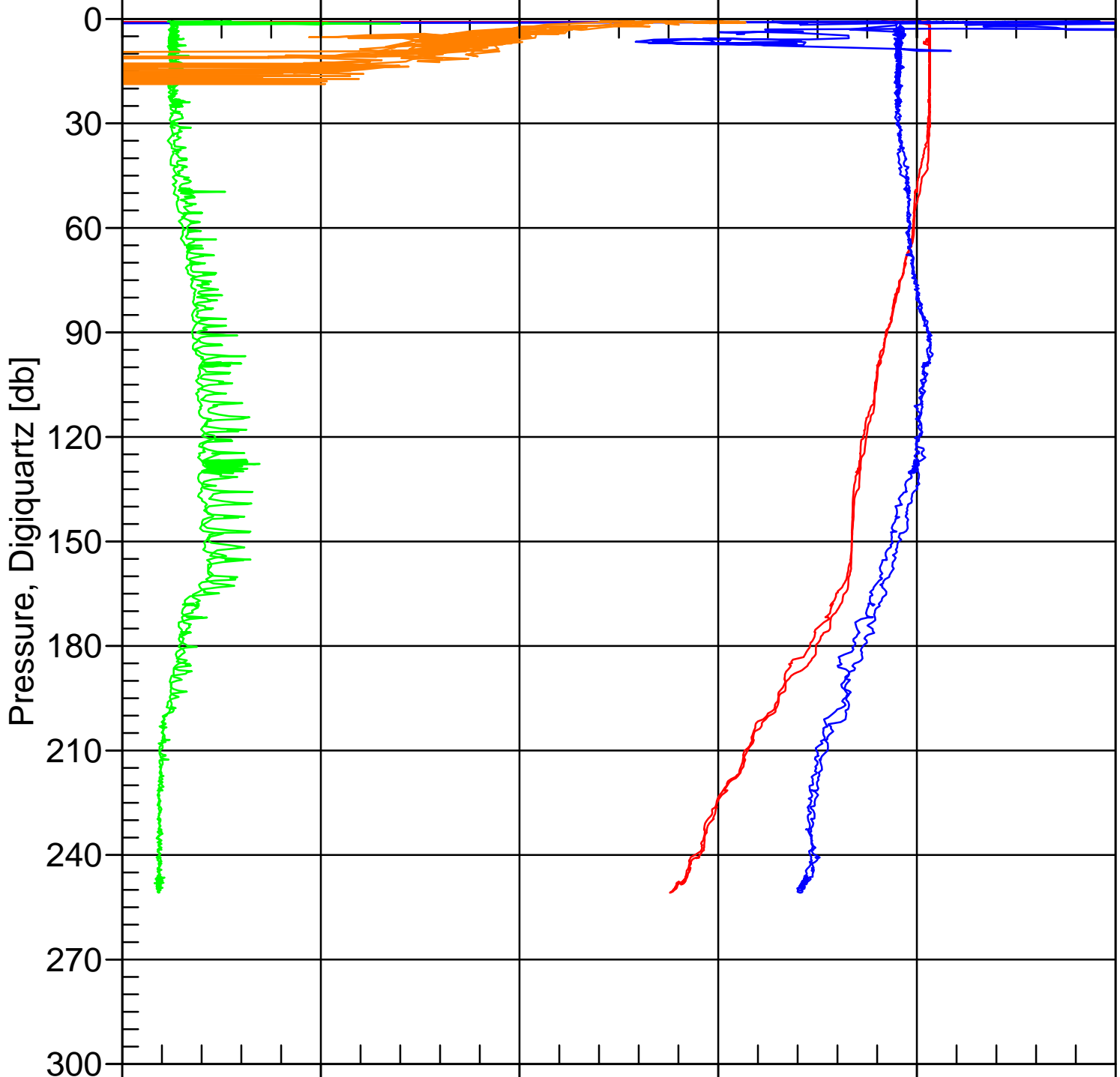
AG8_S1C29.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Pressure, Digiquartz [db]

0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 30
 Operator(s): Diel

Date: 6/18/2012 (HST)
 Time: 0100 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X	X			
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouiron-8

CTD Data Sheet

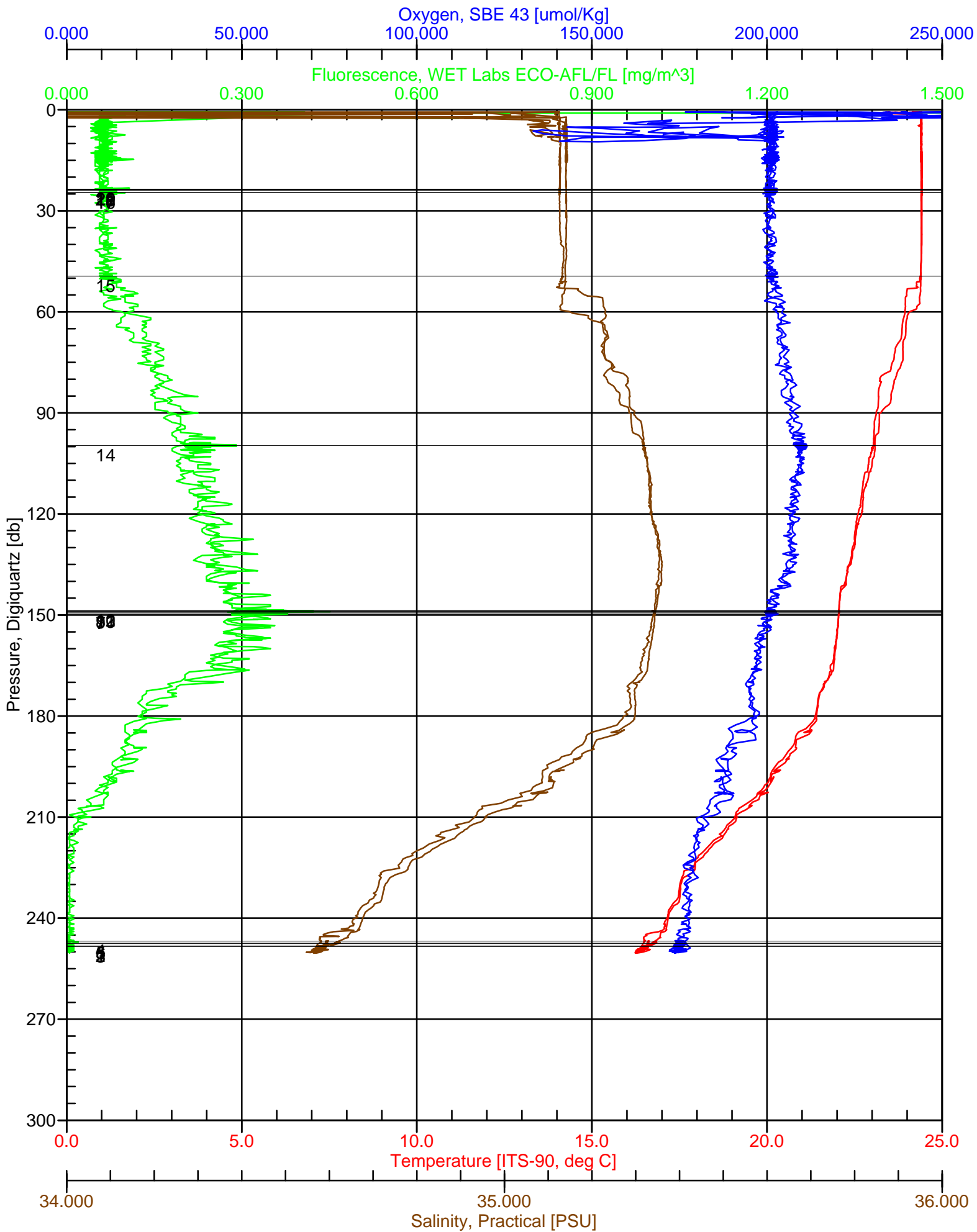
Station # 1
 Cast # 30
 Operator(s): Diel-Biomass

Date: 06/18/2012 (HST)
 Time: 0100 (HST)

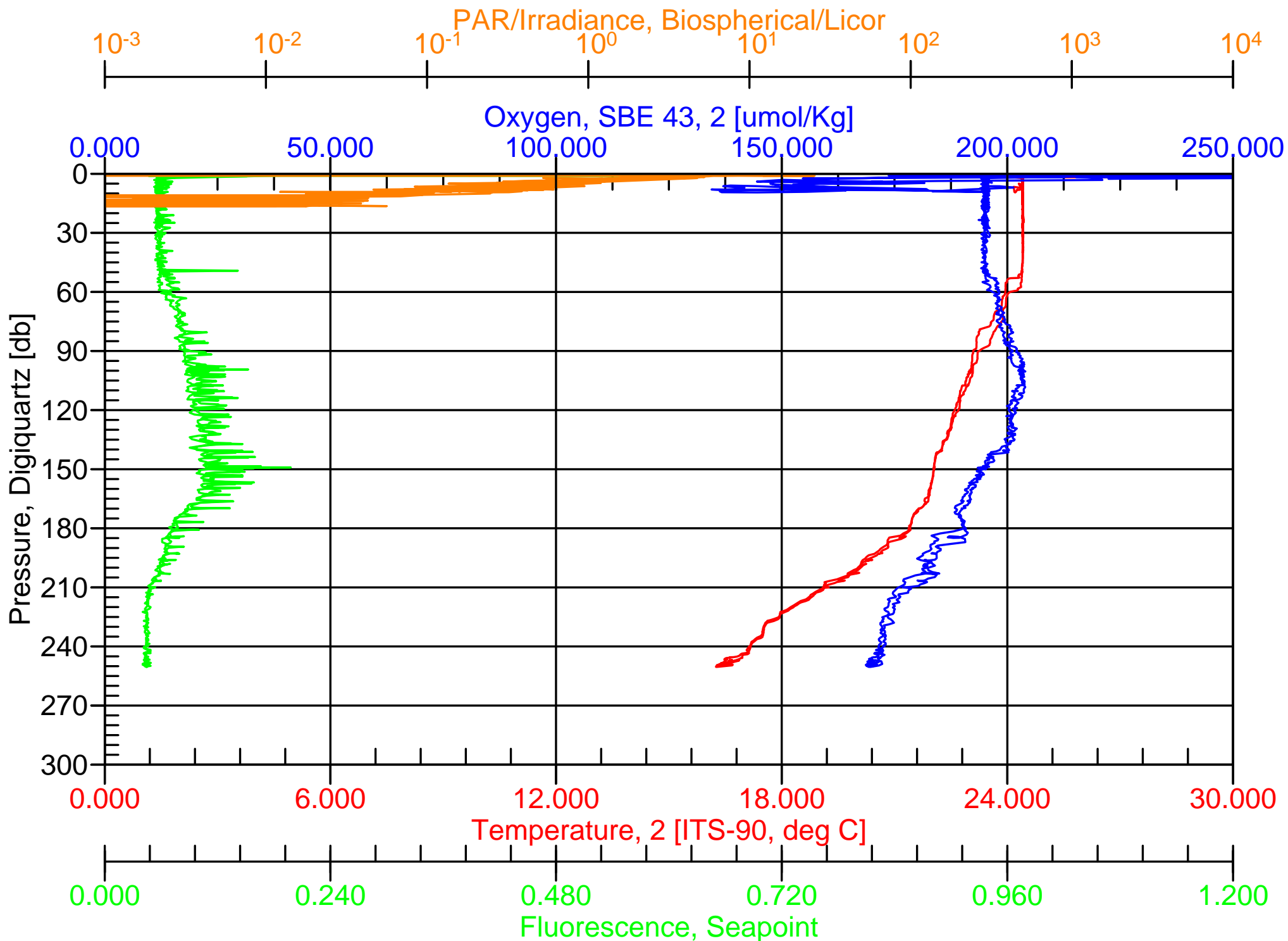
Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	164,165,166	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	167,168,169	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	170,171,172	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C30.hex



AG8_S1C30.hex



CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 31
 Operator(s): Diel

Date: 6/18/2012 (HST)
 Time: 0400 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 31
 Operator(s): Diel-Biomass

Date: 06/18/2012 (HST)
 Time: 0400 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	173,174,175	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	176,177,178	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	179,180,181	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 32
 Operator(s): Diel

Date: 6/18/2012 (HST)
 Time: 0700 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM		
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

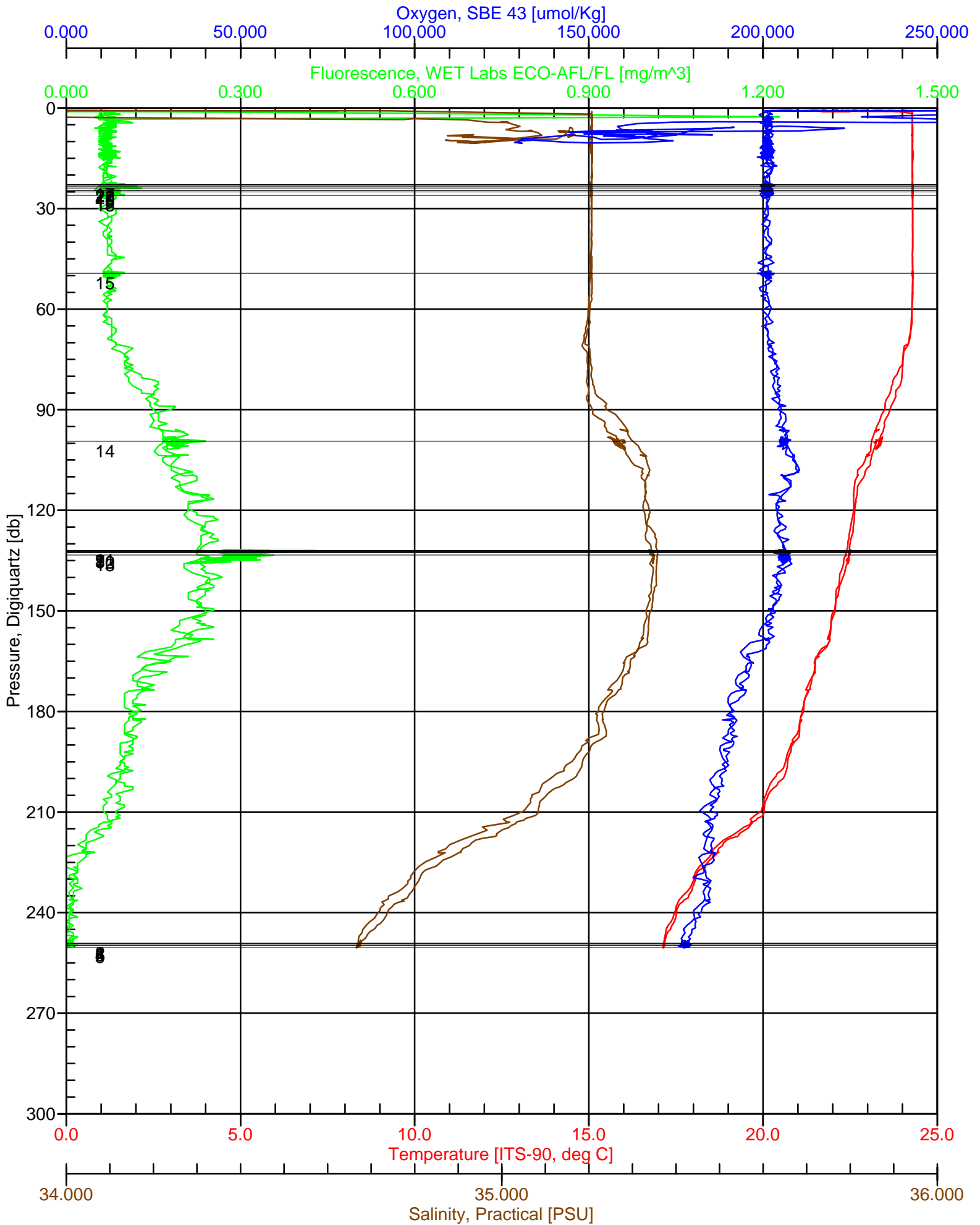
Station # 1
 Cast # 32
 Operator(s): Diel-Biomass

Date: 06/18/2012 (HST)
 Time: 0700 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	182,183,184	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	185,186,187	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	188,189,190	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C32.hex



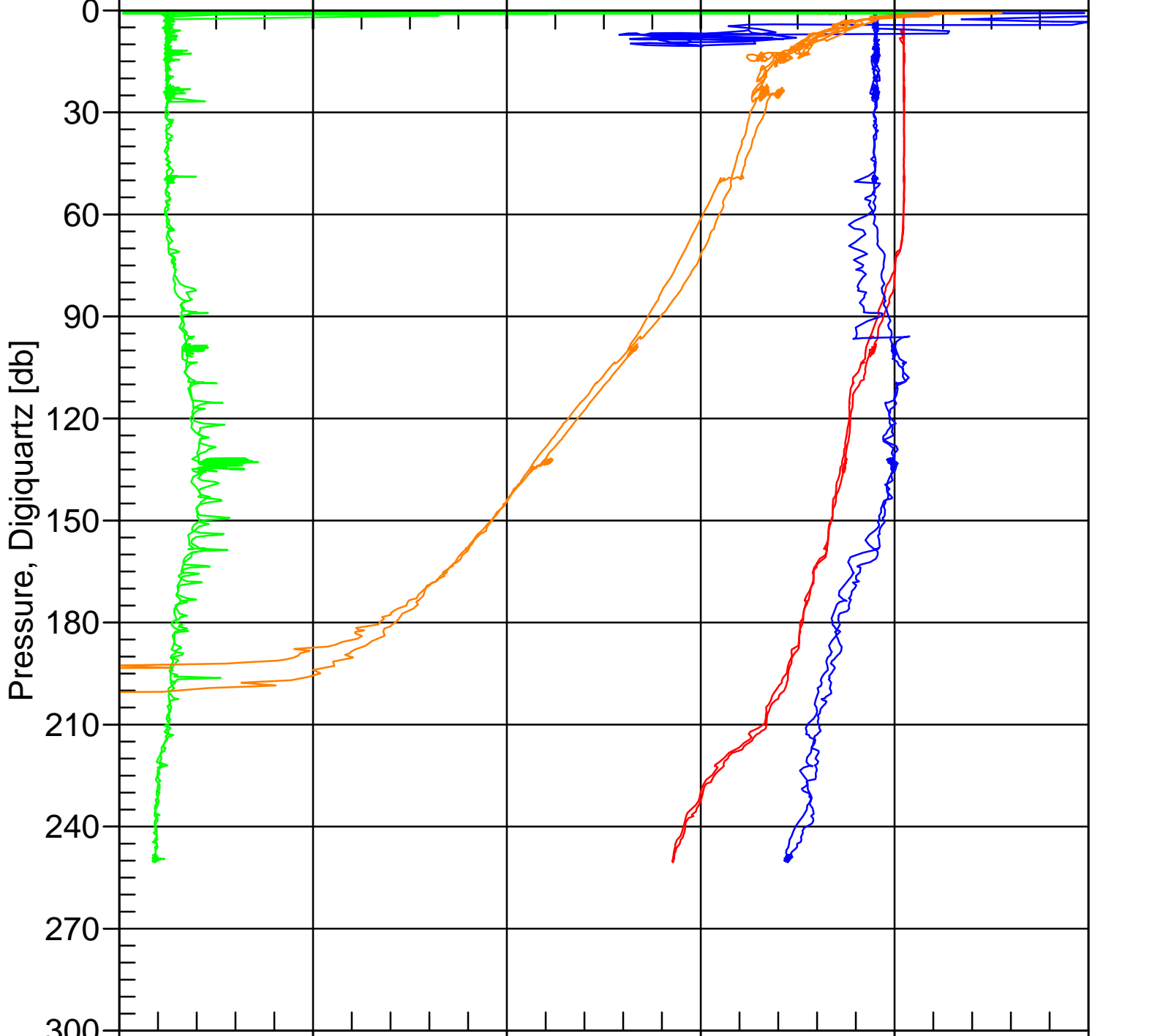
AG8_S1C32.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 33
 Operator(s): Diel

Date: 6/18/2012 (HST)
 Time: 1000 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM	DNA	RNA
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

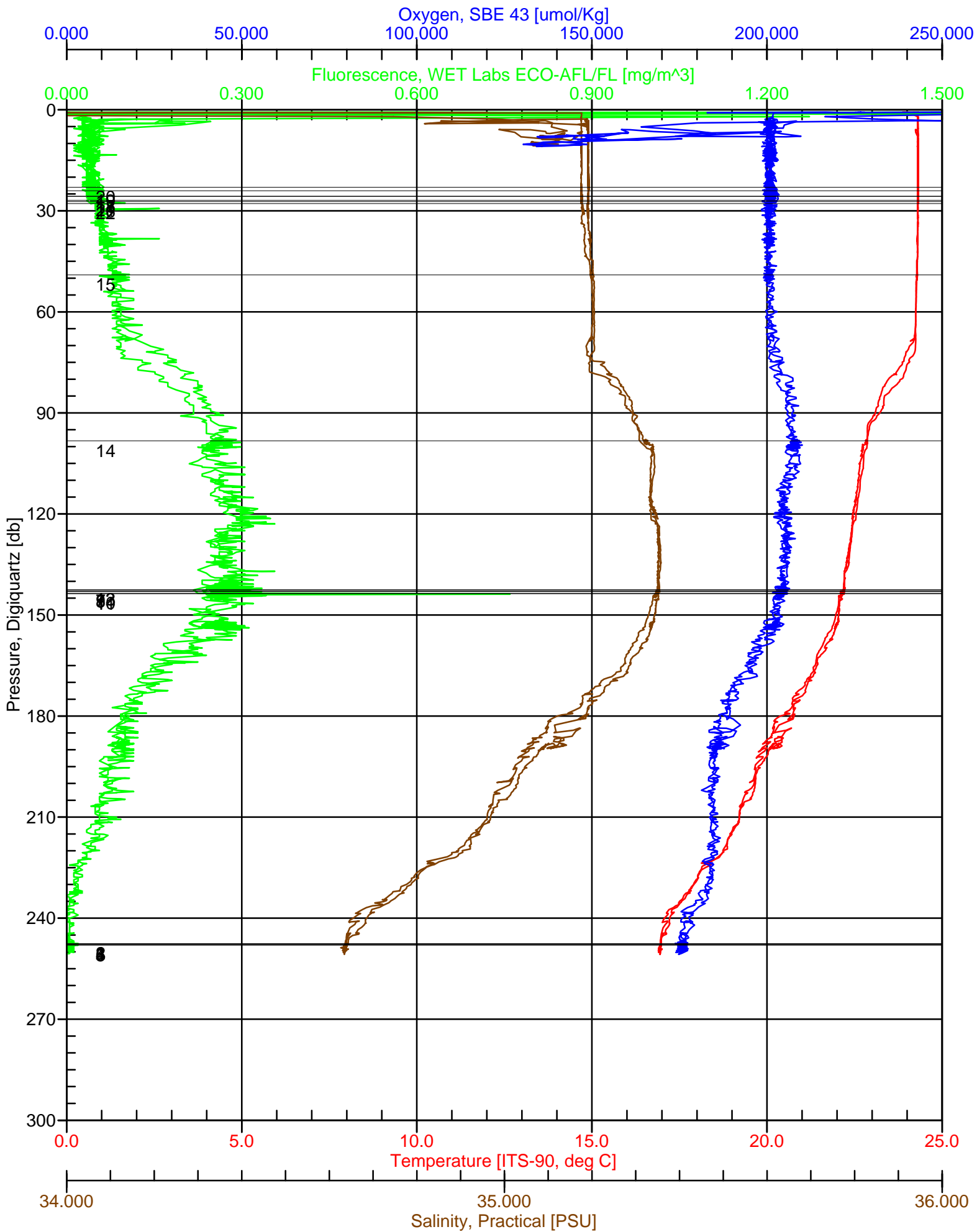
Station # 1
 Cast # 33
 Operator(s): Diel-Biomass

Date: 06/18/2012 (HST)
 Time: 1000 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	192,193,194	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	195,196,197	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	198,199,200	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C33.hex



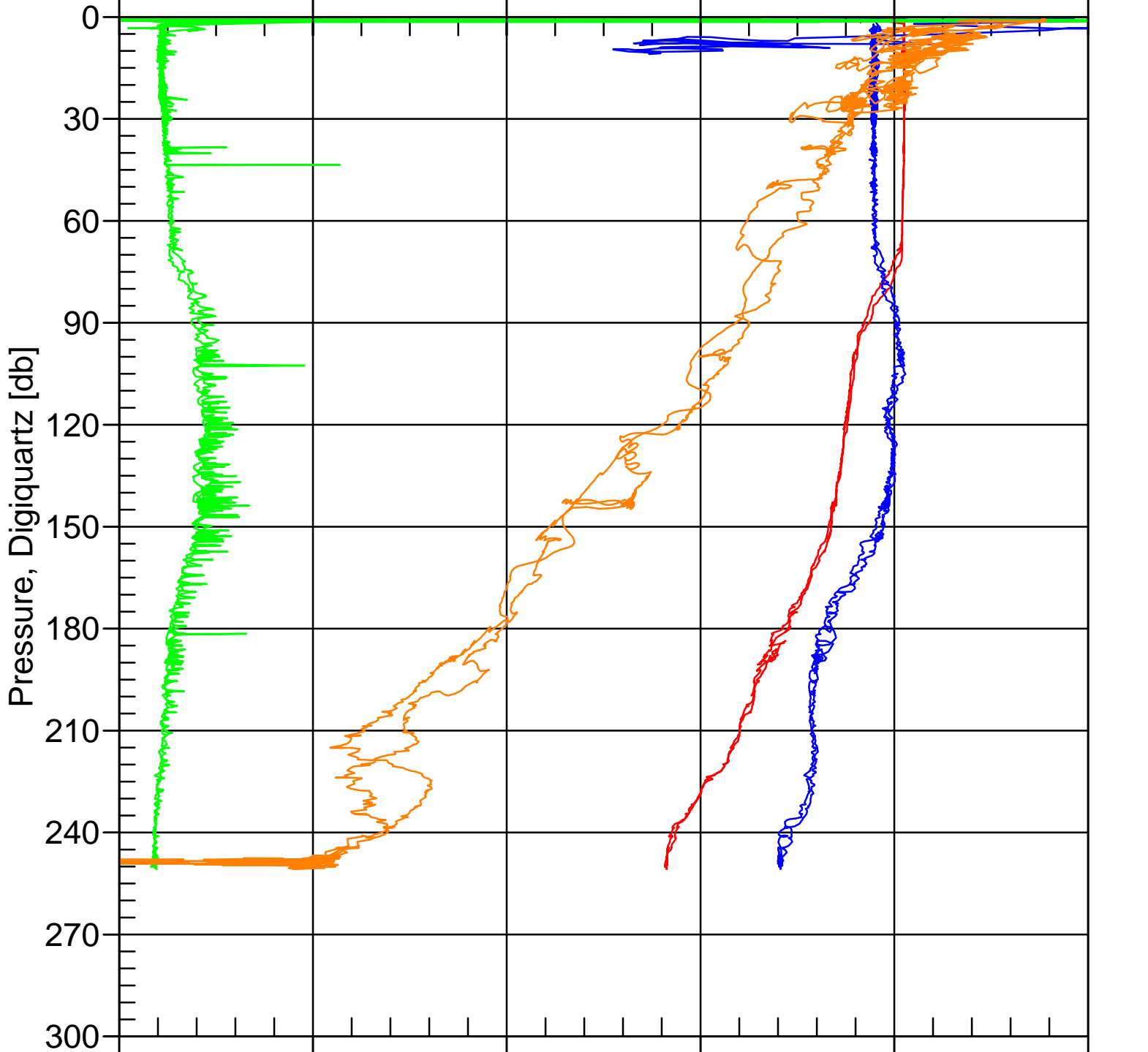
AG8_S1C33.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

CMORE/Agouon-8

CTD Data Sheet

Station # 1
 Cast # 34
 Operator(s): Diel

Date: 6/18/2012 (HST)
 Time: 1300 (HST)

Rosette Position	Depth (m)	Diversity	Biomass	Activity	FCM	DNA	RNA
1	250	X					
2	250	x					
3	250		X				
4	250		X				
5	250		X				
6	250				X		
7	DCM	X					
8	DCM	X					
9	DCM		X				
10	DCM		X				
11	DCM		X				
12	DCM		X				
13	DCM			X	X		
14	100				X		
15	50				X		
16	25	X					
17	25	X					
18	25		X				
19	25		X				
20	25		X				
21	25		X				
22	25			X	X		
23							
24							

Notes:

CMORE/Agouon-8

CTD Data Sheet

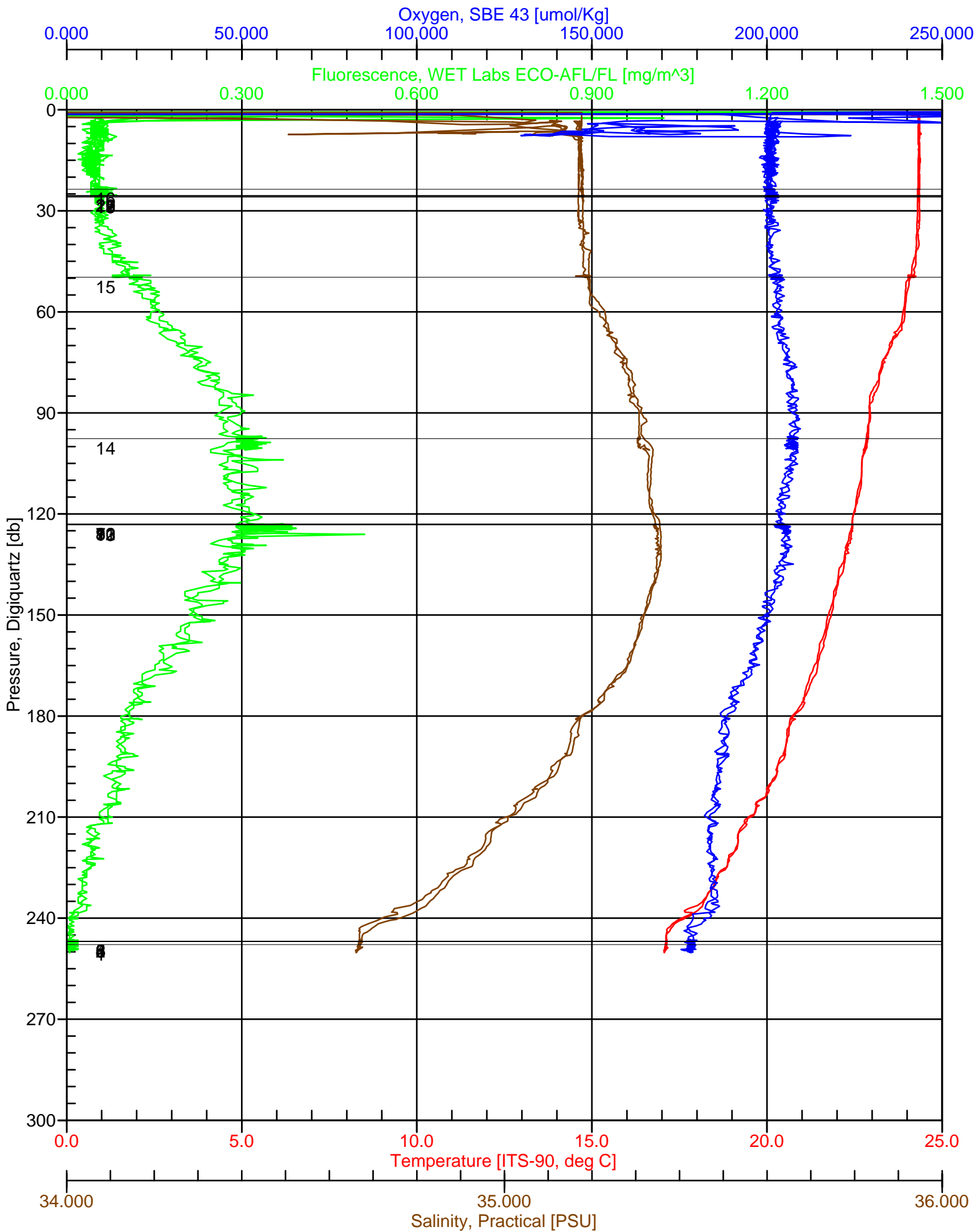
Station # 1
 Cast # 34
 Operator(s): Diel-Biomass

Date: 06/18/2012 (HST)
 Time: 1300 (HST)

Rosette Position	Depth (m)	Nutrients LLN/LLP/LLSi	ATP	CHL a	PC/PN	PPO4	
1	250m						
2	250m						
3	250m	3	201,202,203	3			
4	250m				4(7)	4(10)	
5	250m						
6	250m						
7	DCM						
8	DCM						
9	DCM	9	204,205,206	9			
10	DCM				10(8)	10(11)	
11	DCM						
12	DCM						
13	DCM						
14	100						
15	50						
16	25						
17	25						
18	25	18	207,208,209	18			
19	25				19(9)	19(12)	
20	25						
21	25						
22	25						
23							
24							

Notes:

AG8_S1C34.hex



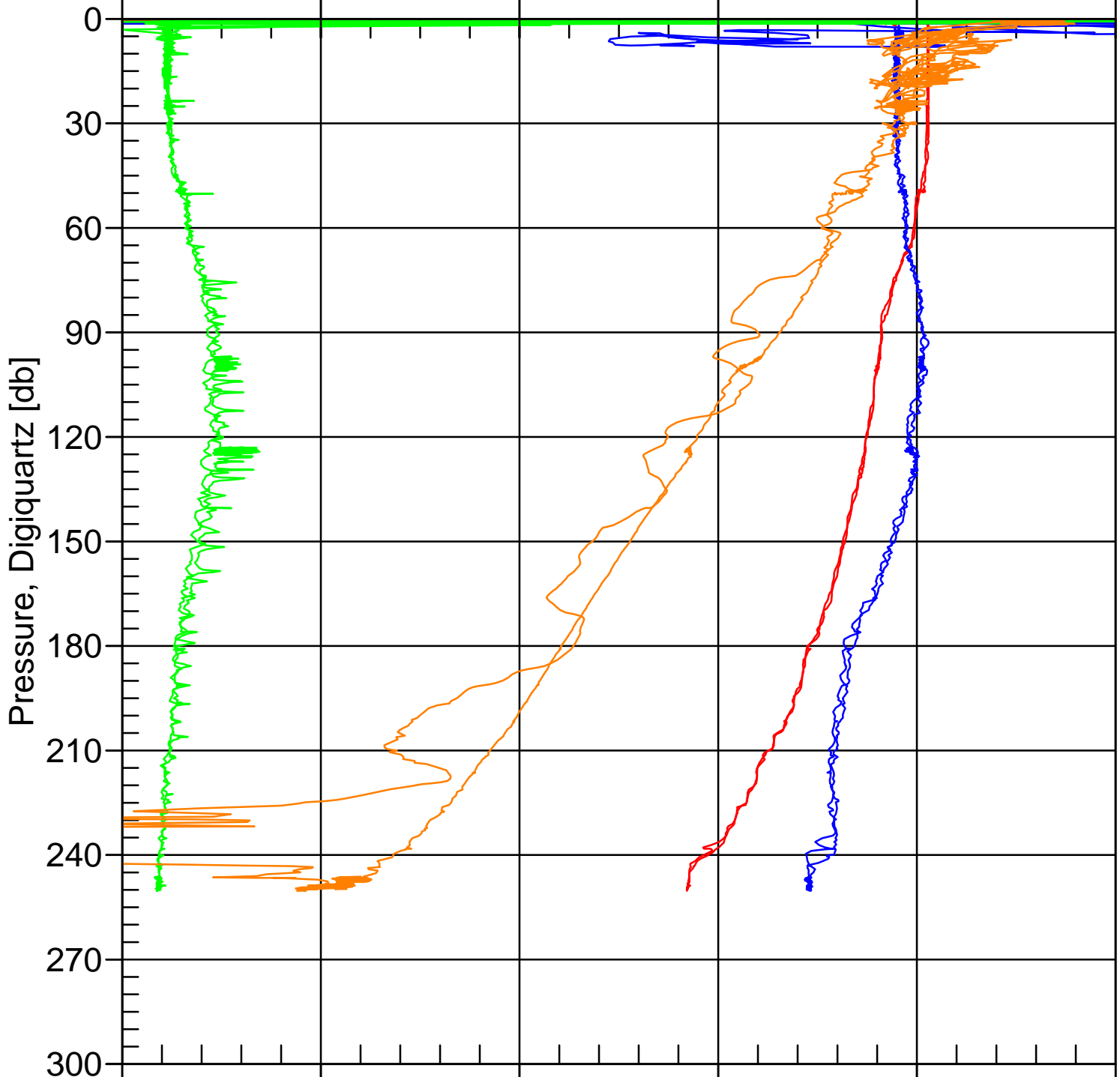
AG8_S1C34.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



Pressure, Digiquartz [db]

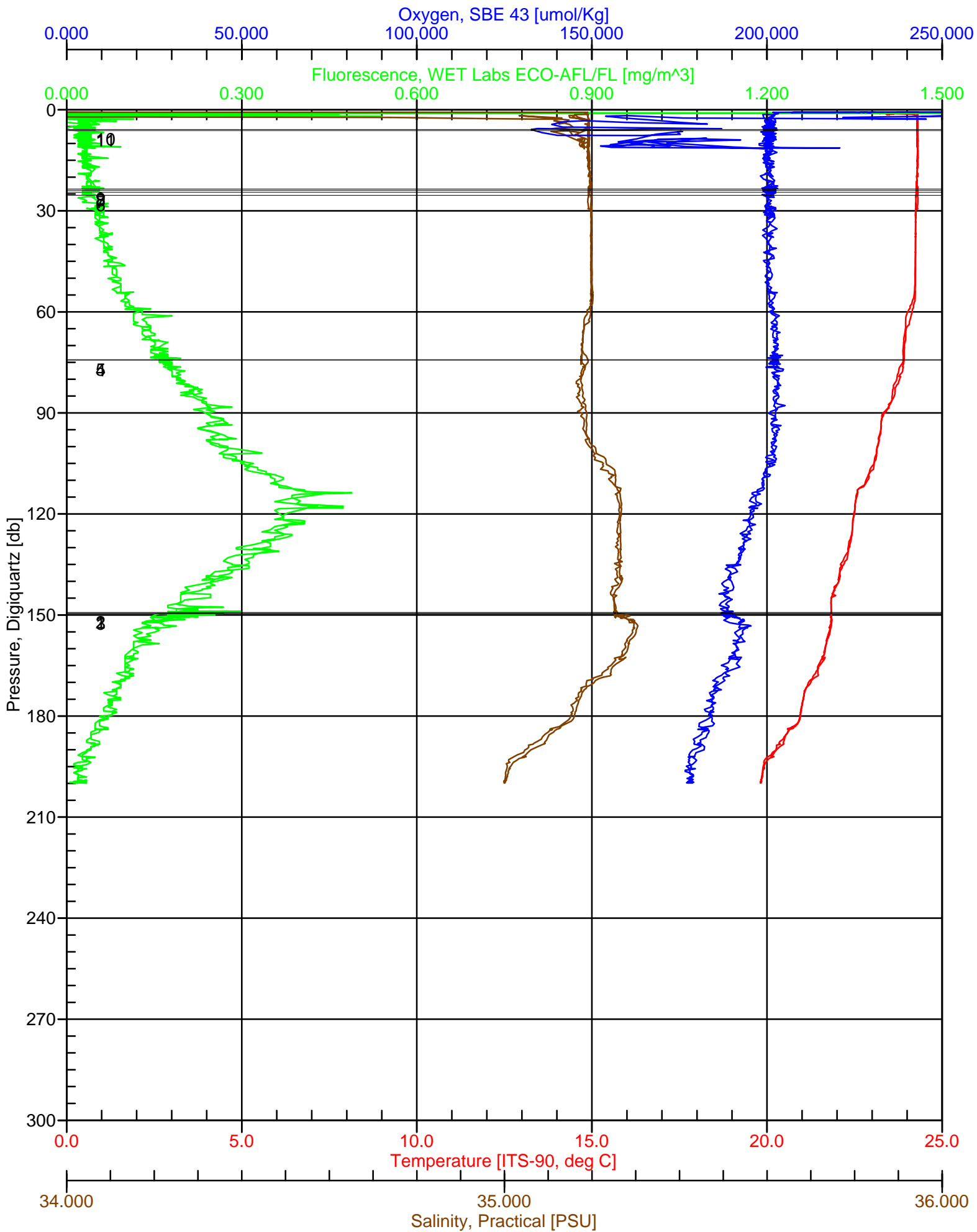
0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint

AG8_S1C35.hex



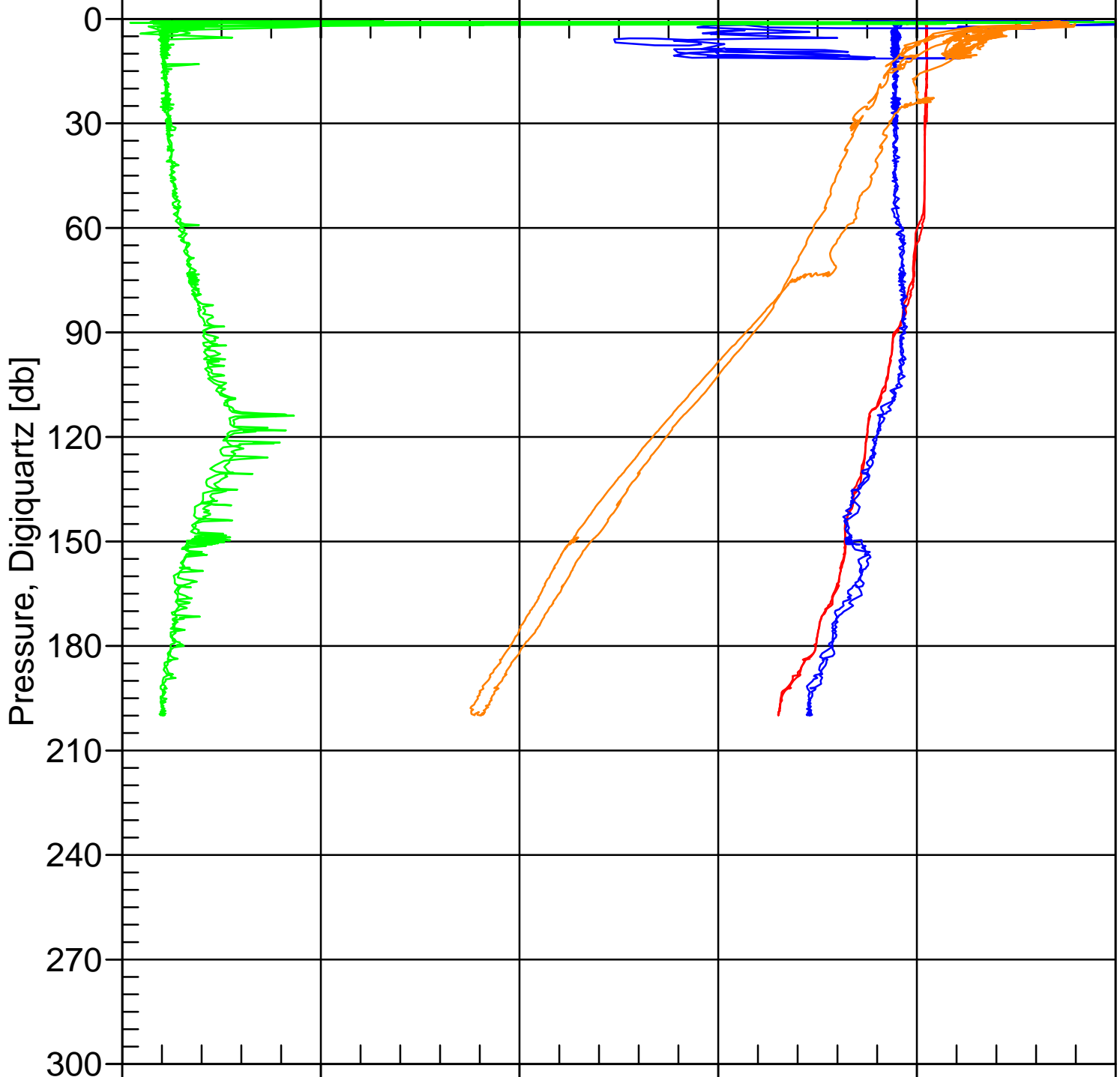
AG8_S1C35.hex

PAR/Irradiance, Biospherical/Licor

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴

Oxygen, SBE 43, 2 [$\mu\text{mol/Kg}$]

0.000 50.000 100.000 150.000 200.000 250.000



0.000 6.000 12.000 18.000 24.000 30.000

Temperature, 2 [ITS-90, deg C]

0.000 0.240 0.480 0.720 0.960 1.200

Fluorescence, Seapoint