

PARAGON
KM2209
Trace Metal Casts

Station # 1
 Cast # TM1
 Operator(s): _____
 Lat (N): 21° 22.9238'

Date: 8/4/22 (HST)
 Time: 14:44 (HST)

Lon (W): 157° 18.3316'

Max Depth: 500m

Rosette Position	Desired Depth	Actual Depth	John	Repeta	Church		
1	150	162.989					
2		159.865					
3		157.288					
4		154.467					
5		150.817					
6		148.514					
7		145.037					
8		141.989					
9		139.188					
10		136.299					
11		133.170					
12	↓	130.080					

Notes: water used to soak Niskins, purge Acropaks, and collect filtered seawater for net rinses.

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Station # 2
Cast # TM1

Date: 8/6/22 (HST)
Time: 17:10 (HST)

Operator(s):

Lat (N): 23° 25.0115' Lon (W): 154° 36.4755'

Max Depth: 500 m

Rosette Position	Desired Depth	Actual Depth	John	Repeta	Church				
1	150	159.966			8 L				
2	↓	157.012			↓				
3		157.012							
4		153.873							
5		153.893							
6		150.761							
7		147.373							
8		145.340							
9		145.340							
10		142.228							
11		142.228							
12		↓	138.790				↓		

Notes: water used to set up
incubation w/ glucose +/- Fe

S2T .hex

Fluorescence, WET Labs ECO-AFL/FL [mg/m³]

0.000

0.500

1.000

1.500

2.000

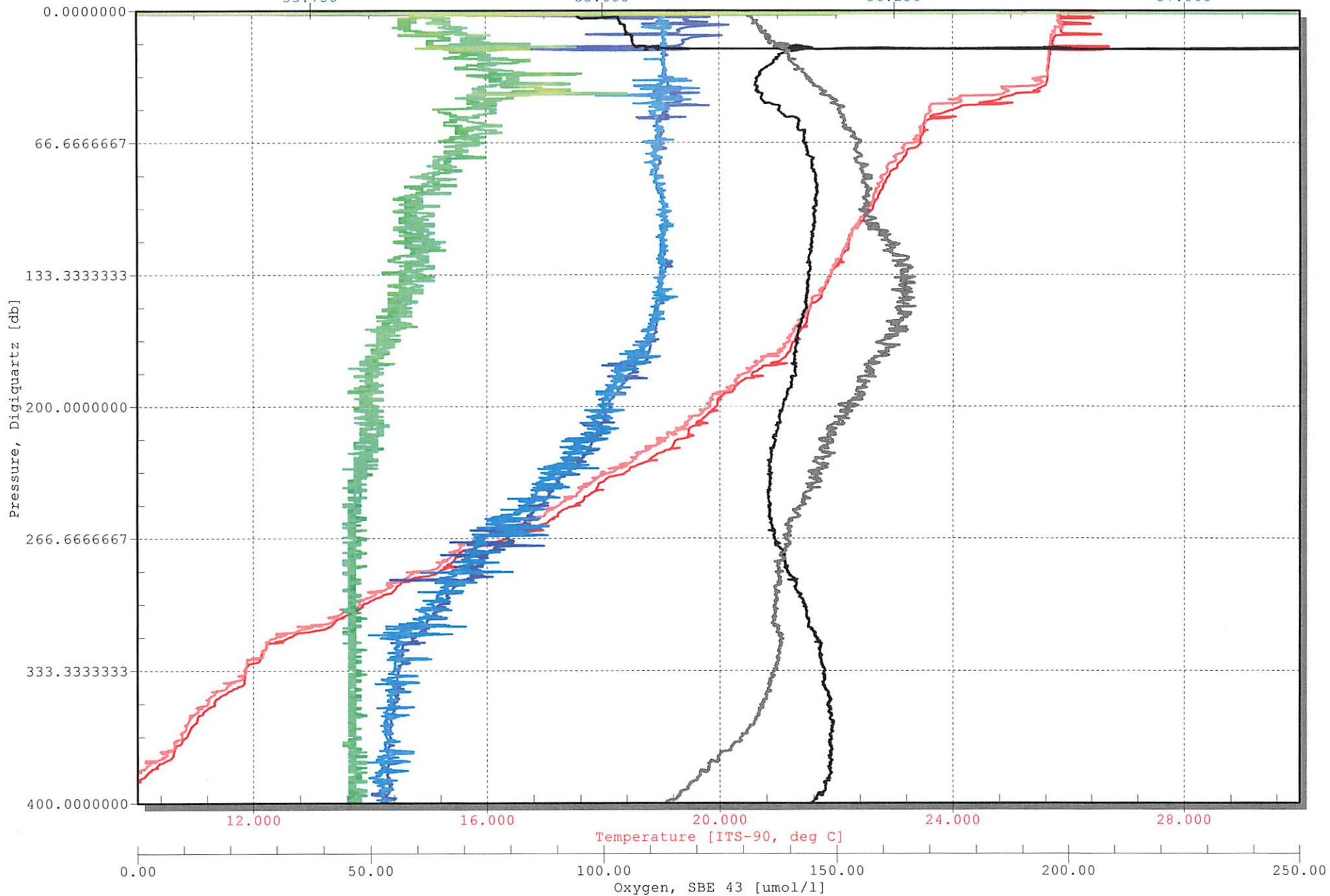
Salinity, Practical [PSU]

33.750

35.000

36.250

37.500



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Station # 2
 Cast # TM2
 Operator(s): _____
 Lat (N): 23°24.6714'

Date: 8/6/22 (HST)
 Time: 09:56 (HST)

Lon (W): 154° 37.6987

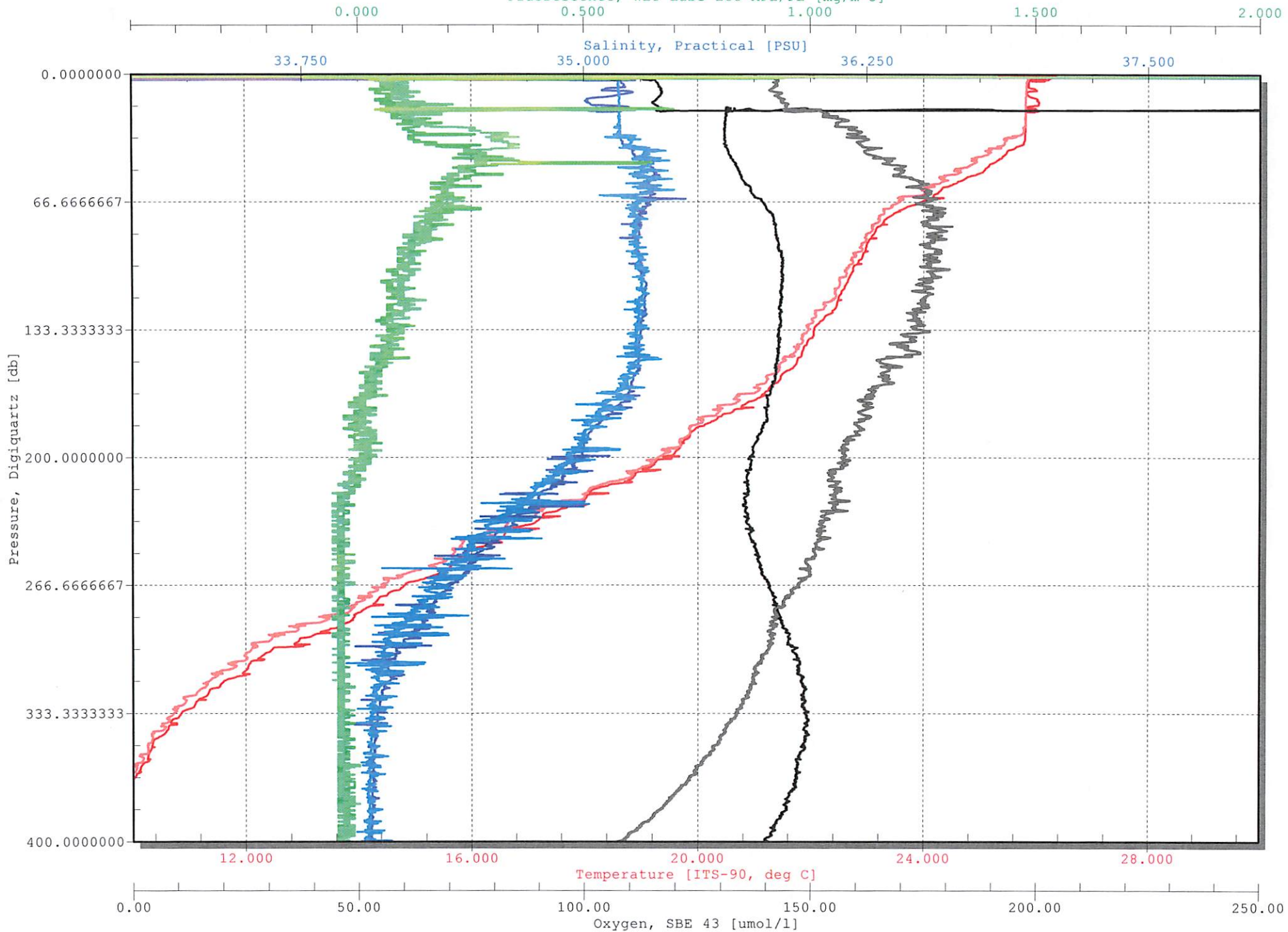
Max Depth: 500 m

Rosette Position	Desired Depth	Actual Depth	John	Repeta	Church			
1	500	498.319	2 L	6 L				
2	450	447.044	↓	↓				
3	400	397.882						
4	350	347.752						
5	300	297.915						
6	250	247.836						
7	200	197.243						
8	150	147.531						
9	125	122.861						
10	100	97.442						
11	75	73.088						
12	15	12.876						

Notes:

PARAGON_S2TM2.hex

Fluorescence, WET Labs ECO-AFL/FL [mg/m³]



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Station # 2
 Cast # TM3
 Operator(s): _____

Date: 8/7/22 (HST)
 Time: 03:30 (HST)

Lat (N): 23° 25. 1123' Lon (W): 154° 37. 5485'

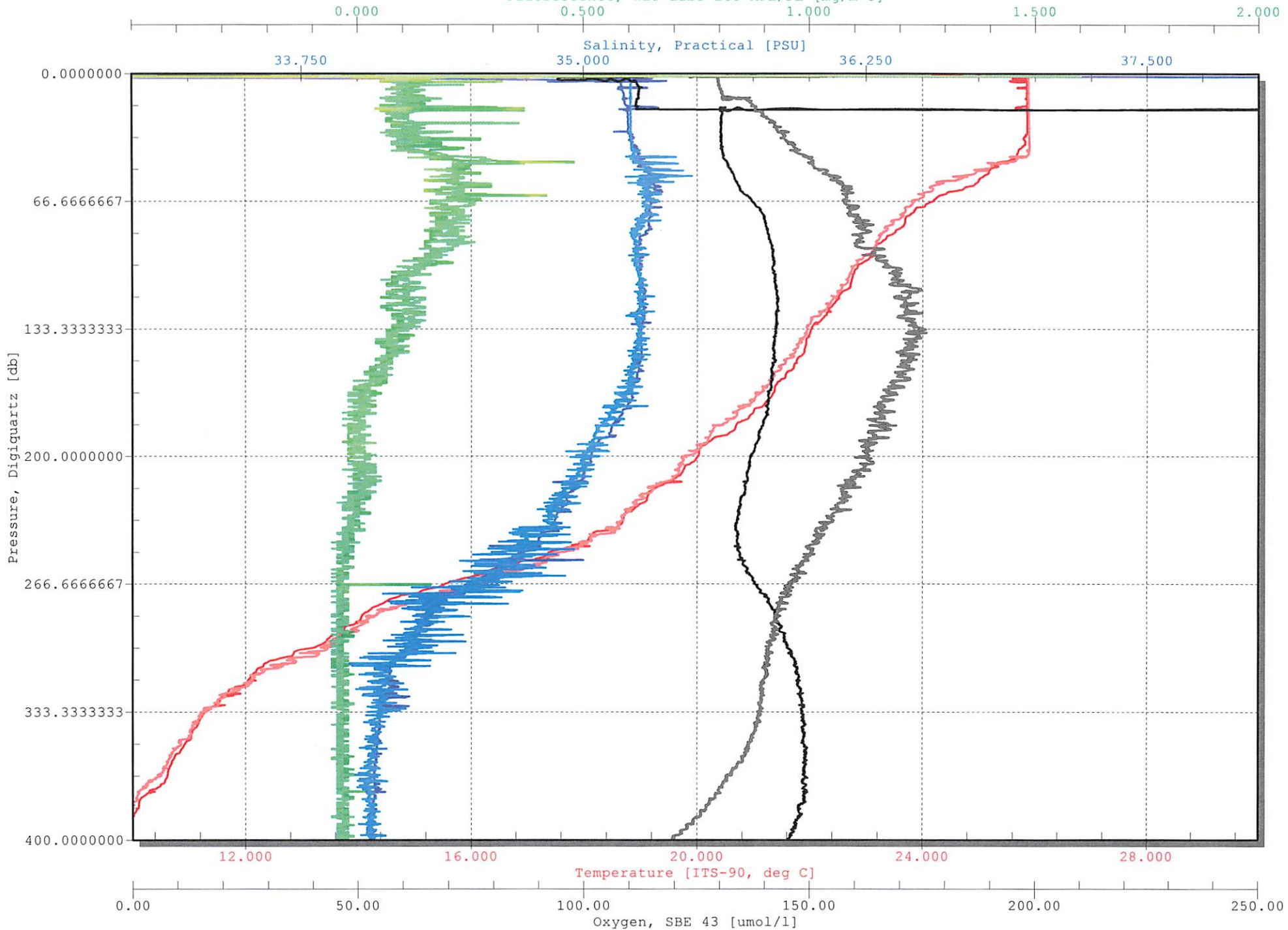
Max Depth: 500m

Rosette Position	Desired Depth	Actual Depth	John	Repeta	Church		
1	500	498.572		2L			
2	450	447.740					
3	400	397.855					
4	350	348.227					
5	300	297.334				4L	
6	250	248.066					
7	200	197.212					
8	150	147.624				4L	
9	125	122.632					
10	100	98.016					
11	75	73.161					
12	15	12.877			↓	4L	

Notes: teflon plug for one of bottles was missing, eventually found in trash can in TM van - do we have extra?

PARAGON_1_S2TM3.hex

Fluorescence, WET Labs ECO-AFL/FL [mg/m³]



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Trace Metal Casts

Station # 2 Date: 8/8/22 (HST)
 Cast # TM4 Time: 5:00 (HST)
 Operator(s): LM, MS, ALG
 Lat (N): 23° 19.1390 Lon (W): 154° 38.6481

Max Depth: 500m

Rosette Position	Desired Depth	Actual Depth	John	Repeta	Church		
1	150				8L		
2	↓				↓		
3							
4							
5							
6							
7							
8							
9							
10							
11							
12	↓				↓		

Notes:

PARAGON_1_S2TM4.hex

Fluorescence, WET Labs ECO-AFL/FL [mg/m³]

