

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/7/08</u>	Station number: <u>128</u>
---------------------	----------------------------

INITIALS: CC

TIME (GMT): 19:53:00

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

/	1	36				
/	2	30				
/	3	30				
/	4	30				
/	5	30				
/	6	30				
/	7	30				
/	8	20				
/	9	10				
/	10	1				
/	11	1				
/	12	1				

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 8 / 08</u>		Station number: <u>1</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	81			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: NRP

TIME (GMT): 17:17

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

*SS prodote failed
result of dyslexic typo*

AOK ✓

M. Swartz WHOI

NRP

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>4 / 8 / 08</u>	Station number: <u>2</u>
-------------------------	--------------------------

INITIALS: NRP

TIME (GMT): 22:19

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

✓ 1	82					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>8</u> /08	Station number: <u>3</u>
-------------------------------	--------------------------

INITIALS: NRP

TIME (GMT): 23:01:45

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------	-----------------------	---------------------	-----------------------	-----------------------

COMMENTS:

✓ 1	90					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 8 / 08</u>	Station number: <u>4</u>
-------------------------	--------------------------

INITIALS: NRP

TIME (GMT): 23:48:30

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

✓ 1	87					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/9/08</u>		Station number: <u>905</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	90			
2	50			
3	1			
4	1			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 00:32

WD 142
COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

at surface, only one bottle was seen to be open.
In file 10, 11 + 12 were tripped at surface. Perhaps we just didn't see them before they closed.

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>9/9/08</u>		Station number: <u>006</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	90			
2	50			
3	1			
4	1			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 01:20

WD 101

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 /08</u>		Station number: <u>007</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	80	4		
2	50			
3	1			
4				
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 02:02

WD: 92

COMMENTS: Bottom
NO SAMPLE - LANYARD HUNG

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>		Station number: <u>006</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	57			
2	50			
3	1			
4	1			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 02:46

WD 67
COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>	Station number: <u>009</u>
-------------------------	----------------------------

INITIALS: CC

TIME (GMT): 05:40:00

WD: 69

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓ 1	59					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	50					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>08</u> / <u>9</u> /08		Station number: <u>010</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	58			
2	50			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: CC

TIME (GMT): 06125:00

WD: 68

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>68</u> / <u>4</u> /08		Station number: <u>011</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	97			
2	50			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: CC

TIME (GMT): 7:10

WD:

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>08 / 9 / 08</u>	Station number: <u>012</u>
--------------------------	----------------------------

INITIALS: NRP

TIME (GMT): 08:01:00

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------	-----------------------	---------------------	-----------------------	-----------------------

COMMENTS:

✓ 1	118					
✓ 2	100					
✓ 3	100					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>	Station number: <u>013</u>
-------------------------	----------------------------

INITIALS: NRP

TIME (GMT): 08:50

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

✓ 1	122					
✓ 2	100					
✓ 3	100					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>		Station number: <u>014</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	160			
✓ 2	150			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: NRP

TIME (GMT): 9:42:00

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

*Comments — originally.
Named R to as
0014 instead*

M. Swartz WHOI *of 014*

*It has been renamed
CTD 014, **

Small Volume Sample Log

EN451 McGillicuddy Cruise

M D Y

Date: <u>8</u> / <u>9</u> / 08		Station number: <u>015</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>10:35:00</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	157					
✓ 2	150					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>	Station number: <u>016</u>
-------------------------	----------------------------

INITIALS: NRP

TIME (GMT): 11:39

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

✓ 1	125					
✓ 2	100					
✓ 3	100					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>6 / 9 /08</u>		Station number: <u>017</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	129			
2	100			
3	100			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: Kws

TIME (GMT): 12:48

WD 139
COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

PAR cap was left on by mistake

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/9/08</u>		Station number: <u>018</u>			INITIALS: <u>RWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>13:38</u>
						WD: <u>115</u>
						COMMENTS:
1	100	4,9				
2	100					
3	100					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>9</u> /08	Station number: <u>Q19</u>
-------------------------------	----------------------------

INITIALS: KWS

TIME (GMT): 14:26

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

91

COMMENTS:

1	30					
2	80					
3	50					
4	1					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

PUMP STATION

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/9/08</u>		Station number: <u>019a</u>			INITIALS: <u>KWS</u>	
					TIME (GMT): <u>14:54</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9</u> /08		Station number: <u>020</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>20:26:50</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u> </u> Sample	COMMENTS:	
✓ 1	77					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>		Station number: <u>021</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>21:12</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	89					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>		Station number: <u>022</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>22:00</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	160	4				
✓ 2	150					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9</u> /08	Station number: <u>023</u>
------------------------	----------------------------

INITIALS: NRP

TIME (GMT): 22:58

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------	-----------------------	---------------------	-----------------------	-----------------------

COMMENTS:

✓ 1	190					
✓ 2	150					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 9 / 08</u>		Station number: <u>024</u>			INITIALS: <u>NRP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u> </u> Sample	TIME (GMT): <u>23:52</u>
COMMENTS:						
✓1	172		1			
✓2	150		2			
✓3	150					
✓4	100		3			
✓5	50					
✓6	40					
✓7	30					
✓8	20					
✓9	10					
✓10	1					
✓11	1					
✓12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>		Station number: <u>025</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	115	4,1		
2	115			
3	100			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 00:47

WD 12.5

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

After cast. swap Niskins 1, 2, 3 - OTE External Tensions with GO, high flow valve Niskins.

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>		Station number: <u>026</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	80			
2	80			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 01:38

WD 92
COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>		Station number: <u>027</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	70			
2	70			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 02:28

WD : 095 m - 82

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>2</u> / <u>10</u> /08		Station number: <u>028</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>03:15</u>
		VD: 65 - SHOALING FAST				
		COMMENTS:				
1	40					
2						
3						
4						
5	40					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 10 / 08</u>	Station number: <u>029</u>
--------------------------	----------------------------

INITIALS: CC

TIME (GMT): 3:55

WD: 65

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
/ 1	50					
/ 2	50					
/ 3	50					
/ 4	50					
/ 5	50					
/ 6	40					
/ 7	30					
/ 8	20					
/ 9	10					
/ 10	1					
/ 11	1					
/ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>	Station number: <u>030</u>
----------------------	----------------------------

INITIALS: CC

TIME (GMT): 6:15

WD: 45

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------------	-----------------------------	---------------------------	-----------------------------	-----------------------------

COMMENTS:

✓	1	30	4			
✓	2	30				
✓	3	30				
✓	4	30				
✓	5	30				
✓	6	30				
✓	7	30				
✓	8	20				
✓	9	10				
✓	10	1				
✓	11	1				
✓	12	1				

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>	Station number: <u>031</u>
----------------------	----------------------------

INITIALS: CC

TIME (GMT): 7.15

WD: 63

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	50			
2	50			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>	Station number: <u>032</u>
----------------------	----------------------------

INITIALS: NRP

TIME (GMT): 08:09

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------------	-----------------------------	---------------------------	-----------------------------	-----------------------------

COMMENTS:

✓ 1	180					
✓ 2	150					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 10 / 08</u>		Station number: <u>033</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box _____ Sample
✓ 1	200		4	
✓ 2	150		5	
✓ 3	150			
✓ 4	100		6	
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: NRP

TIME (GMT): 09:15

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 10 / 08</u>		Station number: <u>034</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>10:17</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	160					
✓ 2	150					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>10</u> / <u>08</u>		Station number: <u>035</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>11:18</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	120					
✓ 2	100					
✓ 3	100					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>2</u> / <u>10</u> / 08		Station number: <u>036</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	160			
2	150			
3	150			
4	130			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 12:15

WD: 170

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>10</u> / 08		Station number: <u>037</u>			INITIALS: <u>KWS-</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>13:20</u>
						WD: <u>165</u>
						COMMENTS:
1	150					
2	150					
3	150					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 10 / 08</u>	Station number: <u>038</u>
--------------------------	----------------------------

INITIALS: KWS

TIME (GMT): 14:35

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

WP 123

COMMENTS:

1	110					
2	110					
3	100					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>4/16/08</u>		Station number: <u>039</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	85			
2	85			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 15:50

WD: 97

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/10/08</u>	Station number: <u>040</u>
----------------------	----------------------------

INITIALS: CC

TIME (GMT): 17:07

WD: 40

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------	-----------------------	---------------------	-----------------------	-----------------------

COMMENTS:

/	1	30				
/	2	30				
/	3	30				
/	4	30				
/	5	30				
/	6	30				
/	7	30				
/	8	20				
/	9	16				
	10	1				
	11	1				
	12	1				

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>08 / 10 / 08</u>		Station number: <u>041</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>17:54</u>
						WD: 70
						COMMENTS:
1	60					
2	50					
3	50					
4	50					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1	4				Didn't fire
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Pump Station

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>08/10/08</u>		Station number: <u>041a</u>			INITIALS: <u>CC</u>	
					TIME (GMT): <u>18:08</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample	COMMENTS:	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>	Station number: <u>042</u>
----------------------	----------------------------

INITIALS: KWS

TIME (GMT): 00:18

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u> </u> Sample
-------------------	-----------------------	---------------------	--------------------------	---------------------------

WD: 217
COMMENTS:

1	200		7			
2	200					
3	150		8			
4	100		9			
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>043</u>			INITIALS: <u>KUS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>01:28</u> WD : <u>220</u>
1	210					COMMENTS:
2	200					
3	150					
4	100					
5	50					
6	110					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>	Station number: <u>044</u>
----------------------	----------------------------

INITIALS: KWS

TIME (GMT): 02:36

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

WD 226
COMMENTS:

1	210					
2	200					
3	150					
4	100					
5	50					
6	10					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>		Station number: <u>045</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	190			
2	150			
3	150			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 03:45

WD 200

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>11</u> /08	Station number: <u>046</u>
--------------------------------	----------------------------

INITIALS: CC

TIME (GMT): 5:05

WD: 141

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
/ 1	130					
/ 2	100	4				Ditch + Fire
/ 3	100					
/ 4	100					
/ 5	50					
/ 6	40					
/ 7	30					
/ 8	20					
/ 9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>		Station number: <u>047</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>6:08</u>
WD: <u>78</u>						
COMMENTS:						
1	67					
2	50					
3	50					
4	50					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>		Station number: <u>048</u>			INITIALS: <u>AC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>7:10</u> <u>WD: 78</u>
1	68					COMMENTS:
2	50					
3	80					
4	50					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>		Station number: <u>049</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	50			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: NRP

TIME (GMT): 8:10

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>050</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>10:23</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	30					
✓ 2	30					
✓ 3	30					
✓ 4	30					
✓ 5	30					
✓ 6	30					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Pump

Date: <u>8/11/08</u>	Station number: <u>050A</u>
----------------------	-----------------------------

INITIALS: NRD

TIME (GMT): 10:51

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>	Station number: <u>051</u>
----------------------	----------------------------

INITIALS: KWS

TIME (GMT): 12:40

WD 95

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	85			
2	85			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>052</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	75			
2	75			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 13:40

WD: 95 - 90

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>053</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>14:35</u>
						WD 165
						COMMENTS:
1	150					
2	150					
3	100					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>		Station number: <u>054</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	150			
2	150			
3	100			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 15:40

WD 166

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11/08</u>	Station number: <u>055</u>
------------------------	----------------------------

INITIALS: CC

TIME (GMT): 16150

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box _____ Sample
-------------------------	-----------------------------	---------------------------	--------------------------------	-----------------------------

COMMENTS:

1	210		E10			
2	200		E11			
3	150		E12			
4	100		E13			
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>056</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u> </u> Sample	TIME (GMT): <u>18:05</u> WD: <u>234</u>
1	224		E14			COMMENTS:
2	200		E15			
3	150		E16			
4	100		E17			
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>057</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>19:20</u>
						WID: 239
1	72.5					COMMENTS:
2	200					
3	150					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>		Station number: <u>058</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>21:37</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	230					
✓ 2	200					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/11/08</u>	Station number: <u>059</u>
----------------------	----------------------------

INITIALS: NRP

TIME (GMT): 22:42

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
-------------------	-----------------------	---------------------	-----------------------	-----------------------

COMMENTS:

✓ 1	190					
✓ 2	150					
✓ 3	150					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 11 / 08</u>		Station number: <u>060</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>23:48</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	175		E18			
✓ 2	150	4,9	E19			
✓ 3	150		E19			
✓ 4	100		E20			
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>		Station number: <u>061</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	190			
2	150			
3	150			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 00:47

WD: 254

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 12 / 08</u>		Station number: <u>062</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	135			
2	100			
3	100			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: RWS

TIME (GMT): 01:50

WD 148

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>6/12/08</u>		Station number: <u>063</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>02:55</u>
						40 110
1	100					COMMENTS:
2	100					
3	100					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1.					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>		Station number: <u>064</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample	TIME (GMT): <u>03:55</u>
						WD: 66
		COMMENTS:				
1	50					
2	1					
3	1					
4	1					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>		Station number: <u>065</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>4:33</u>
WD: 60 COMMENTS:						
1	50					
2	50					
3	50					
4	50					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

CC

INITIALS: _____

TIME (GMT): 6:42

WD:33

COMMENTS:

Date: <u>8 / 12 / 08</u>		Station number: <u>066</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	20			
2				
3				
4				
5	↓			
6	20			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 12 / 08</u>		Station number: <u>067</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	40			
2				
3				
4				
5	↓			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: CC

TIME (GMT): 7:37

WD: 56

COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>		Station number: <u>068</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	70			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: NRP

TIME (GMT): 08:33

COMMENTS:

Ship turned to
reposition 5 m
from bottom of cast -
This caused CTD
to rise ~ 35 m
- After redds. water
depth decreased by
10 m

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>	Station number: <u>069</u>
----------------------	----------------------------

INITIALS: NRP

TIME (GMT): 09:40

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

✓ 1	100					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 12 / 08</u>		Station number: <u>070</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>10:51</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	125					
✓ 2	100					
✓ 3	100					
✓ 4	100					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>	Station number: <u>071</u>
----------------------	----------------------------

INITIALS: KWS

TIME (GMT): 11:59

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

WD 176

COMMENTS:

1	165					
2	150					
3	150					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI



KWS

13:05

125

OPERATED ERROR

2 = No problems noted.
3 = Leaking bottle.
4 = Did not trip correctly.
9 = Sample not drawn from this bottle.
blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>12</u> / 08		Station number: <u>073</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u>WD 154</u> Sample	TIME (GMT): <u>16:06</u>
		COMMENTS:				
1	144		24			
2	100					
3	100					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>	Station number: <u>694</u>
----------------------	----------------------------

INITIALS: CC

TIME (GMT): 17:07

WD: 165

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1	150					
2	150					
3	150					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> / <u>12</u> / 08		Station number: <u>075</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>19:05</u> WD: <u>135</u>
COMMENTS:						
1	125					
2	100					
3	100					
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>		Station number: <u>076</u>			INITIALS: <u>CC</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>19:02</u>
						WD: 155 (12:10)
						COMMENTS:
1	140					
2	100					
3	↓					
4	↓					
5	80					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8</u> <u>12</u> /08		Station number: <u>077</u>			INITIALS: <u>NRP</u>	
					TIME (GMT): <u>20:01</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	65					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8 / 12/08</u>	Station number: <u>078</u>
------------------------	----------------------------

INITIALS: NRP

TIME (GMT): 20:53

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

✓ 1	20					
✓ 2	20					
✓ 3	20					
✓ 4	20					
✓ 5	20					
✓ 6	20					
✓ 7	20					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI

PUMP

Small Volume Sample Log

EN451 McGillicuddy Cruise

Date: <u>8/12/08</u>	Station number: <u>15789</u>
----------------------	------------------------------

INITIALS: CC

TIME (GMT): 21:38

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample
-------------------------	-----------------------------	---------------------------	----------------------------	----------------------------

COMMENTS:

1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1)

- 2 = No problems noted.
- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.
- blank = not reported.

M. Swartz WHOI