

To Fire = ctrl + F3  
or Bring up

## Small Volume Sample Log

### EN448 McGillicuddy Cruise

Date: <u>06/27/08</u>		Station number: <u>001</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	20			
✓ 2	20			
✓ 3	20			
✓ 4	20			
✓ 5	20			
✓ 6	20			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: MB

TIME (GMT): 18:04

Depth: 35m

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

## EN448 McGillicuddy Cruise

Date: <u>6/27/08</u>		Station number: <u>002</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	30			
✓ 2	30			
✓ 3	30			
✓ 4	30			
✓ 5	30			
✓ 6	30			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 20:11

depth(m): 43m

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

## EN448 McGillicuddy Cruise

Date: <u>1/27/08</u>		Station number: <u>003</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	40			
✓ 2	40			
✓ 3	40			
✓ 4	40			
✓ 5	40			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): ~~22:31~~ 21:31

water depth = 53 m

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

## EN448 McGillicuddy Cruise

Date: <u>6/27/08</u>		Station number: <u>004</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	40			
✓ 2	40			
✓ 3	40			
✓ 4	40			
✓ 5	40			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 22:50

water depth: 57m

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

## EN448 McGillicuddy Cruise

Date: <u>6/28/08</u>	Station number: <u>005</u>
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INITIALS: KWS

TIME (GMT): 00:15

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
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DEPTH 63  
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

## EN448 McGillicuddy Cruise

Date: <u>6/28/08</u>		Station number: <u>006</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	85			
2	50			
3	50			
4	50			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWSTIME (GMT): 01:32WD: 95

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

## EN448 McGillicuddy Cruise

Date: <u>6/24/08</u>		Station number: <u>007</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box Sample
1	110		1	
2	100		2	
3	100			
4	100			
5	50		3	
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 02:49

WD 120  
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

## EN448 McGillicuddy Cruise

(Salt Station if  $\geq 100\text{m}$ )

Date: <u>06/28/08</u>	Station number: <u>008</u>
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INITIALS: MB

TIME (GMT): 07:20

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u>    </u> Sample
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Depth: 89m  
COMMENTS:

✓	1	77				
✓	2	50				
✓	3	50				
✓	4	50				
✓	5	50				
✓	6	40				
✓	7	30				
✓	8	20				
✓	9	10				
✓	10	1	4			half full bottle fired above surface
✓	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

## EN448 McGillicuddy Cruise

Date: <u>5</u> / <u>28</u> / 08		Station number: <u>009</u>			INITIALS: <u>DP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>8:40</u> <u>water depth = 78</u>
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>010</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	60			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 9:38

water depth = 69 m

COMMENTS: upon 'start Acquisition'

"Cannot find GPS" error → reboot

2nd attempt - " " → reboot

3rd attempt → successful

closing software (seasave)

error "cannot open

C:\sswin\seasave.cfg

for write"

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

## EN448 McGillicuddy Cruise

Date: <u>6</u> / <u>29</u> / 08		Station number: <u>011</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: DP

TIME (GMT): 10:58

*water depth = 605m*

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

FRAME BENT ON DEPLOYMENT

## Small Volume Sample Log

### EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>012</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	410			
2	1			
3	1			
4	1			
5	1			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 12:12

WD: 49

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

## EN448 McGillicuddy Cruise

*First cast after repairs*

Date: <u>06/28/08</u>	Station number: <u>012</u>
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INITIALS: MB

TIME (GMT): 17:05

*Depth: 48*

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

## EN448 McGillicuddy Cruise

Date: <u>6/28/08</u>		Station number: <u>013</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	40			
✓ 2	40			
✓ 3	40			
✓ 4	40			
✓ 5	40			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 20:16

water depth = 56m

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

## EN448 McGillicuddy Cruise

Date: <u>6</u> / <u>28</u> / 08		Station number: <u>014</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	<u>60</u>			
✓ 2	<u>50</u>			
✓ 3	<u>50</u>			
✓ 4	<u>50</u>			
✓ 5	<u>40</u>			
✓ 6	<u>30</u>			
✓ 7	<u>20</u>			
✓ 8	<u>20</u>			
✓ 9	<u>10</u>			
✓ 10	<u>1</u>			
✓ 11	<u>1</u>			
✓ 12	<u>1</u>			

INITIALS: DP

TIME (GMT): 21:46

water depth = 71 m  
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

## EN448 McGillicuddy Cruise

Date: <u>6/28/08</u>		Station number: <u>015</u>			INITIALS: <u>DP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>23:10</u> <u>water depth = 77m</u>
✓ 1	65					COMMENTS:
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>016</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	75			
2	75			
3	75			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 00:31

DEPTH 88  
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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>017</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u>    </u> Sample	TIME (GMT): <u>1:58</u>
						DEPTH <u>121</u> COMMENTS:
1	110		4			
2	110					
3	100		5			
4	50					
5	40					
6	30					
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

## EN448 McGillicuddy Cruise

(Salt Station)

Date: <u>06/29/08</u>	Station number: <u>018</u>
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INITIALS: MB

TIME (GMT): 05:20

Depth: 1411 m

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box Sample		
✓ 1	130		6			
✓ 2	100					
✓ 3	100		7			
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>06/29/08</u>		Station number: <u>019</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	85			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: MB

TIME (GMT): 07:00

Depth: 96

COMMENTS:

Bottles did not fire

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

No data file for  
10m and surface

# Small Volume Sample Log

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>020</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	60			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 09:49

water depth = 69 m

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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>021</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	40			
✓ 2	40			
✓ 3	40			
✓ 4	40			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 11:21

*water depth = 57m*

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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>	Station number: <u>22</u>
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INITIALS: KHS

TIME (GMT): 12:41

WD : 58

COMMENTS:

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

BROKEN VALVE

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

## EN448 McGillicuddy Cruise

PUMP

Date: <u>6/29/08</u>	Station number: <u>22a</u>
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INITIALS: KWS

TIME (GMT): 13:20

WD 56-52-46

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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>	Station number: <u>023</u>
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INITIALS: MB

TIME (GMT): 16:15

Depth: 67

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	40					
✓ 6	30					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>	Station number: <u>024</u>
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INITIALS: MB

TIME (GMT): 17:58

Depth: 98

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	COMMENTS:	
✓ 1	85					
✓ 2	70					
✓ 3	50					
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 7	20					
✓ 8	20					
✓ 9	20					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>025</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box Sample
✓ 1	130		8	
✓ 2	100		9	
✓ 3	100			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 20:48

water depth = 144

COMMENTS: salt station

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

## EN448 McGillicuddy Cruise

Date: <u>6/29/08</u>		Station number: <u>026</u>			INITIALS: <u>DP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>22:30</u> <u>water depth = 87m</u>
✓ 1	75					COMMENTS:
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>	Station number: <u>027</u>
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INITIALS: KWS

TIME (GMT): 08:05

WD: 50

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	40			
2	1			
3	1			
4	1			
5	40			
6	30			
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

## EN448 McGillicuddy Cruise

Date: <u>6 / 30 / 08</u>		Station number: <u>028</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	30			
2	1			
3	1			
4	1			
5	1			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 01:18

WD:46  
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

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>		Station number: <u>029</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	30			
2	7			
3	1			
4	1			
5	1			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 02:29

WD: 40-50  
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

## EN448 McGillicuddy Cruise

Date: <u>6 / 30 / 08</u>		Station number: <u>030</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	40			
2	1			
3	1			
4	1			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: K WS

TIME (GMT): 03:35

WP 58

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

## EN448 McGillicuddy Cruise

Date: <u>6</u> / <u>30</u> /08	Station number: <u>031</u>
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INITIALS: MB

TIME (GMT): 04:52

Depth: 77

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

✓	1	65				
✓	2	50				
✓	3	50				
✓	4	50				
✓	5	40				
✓	6	30				
✓	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

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>	Station number: <u>032</u>
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INITIALS: MB

TIME (GMT): 06:22

Depth 91

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

✓	1	80				
✓	2	50				
	3	50				
✓	4	50				
✓	5	40				
✓	6	30				
✓	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

## EN448 McGillicuddy Cruise

Salt station

Date: <u>6/30/08</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	130		10	
✓ 2	100		11	
✓ 3	100			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 07:58

water depth = 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

# Small Volume Sample Log

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>		Station number: <u>034</u>			INITIALS: <u>DP</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u>    </u> Sample	TIME (GMT): <u>11:23</u>	<u>water depth = 137</u>
✓ 1	125		" 12			
✓ 2	100		" 13			
✓ 3	100					
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 7	20					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

COMMENTS: salt station

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

## EN448 McGillicuddy Cruise

Date: <u>6 / 30 / 08</u>		Station number: <u>035</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	85	X		
2	85	X		
3	85			
4	50	X		
5	40	X		
6	30			
7	20			
8	20			
9	10			
10	1	X		
11	1	4		
12	1			

INITIALS: KWS

TIME (GMT): 13:37

WD 97m

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.

X - BOTTLE DESTROYED  
DURING RECOVERY

M. Swartz WHOI

# Small Volume Sample Log

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>		Station number: <u>36</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	70			
2	70			
3	70			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS  
 TIME (GMT): 15:10  
 WD: 83  
 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

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>	Station number: <u>037</u>
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INITIALS: MB

TIME (GMT): 16:51

Depth: 66

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	40					
✓ 6	30					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>	Station number: <u>038</u>
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INITIALS: MB

TIME (GMT): 18:31

Depth: 53

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

✓	1	40				
✓	2	40				
✓	3	40				
✓	4	40				
✓	5	40				
✓	6	30				
✓	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

## EN448 McGillicuddy Cruise

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

INITIALS: DP

TIME (GMT): 19:57

COMMENTS: Depth: 32-40, Shoaling

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

## EN448 McGillicuddy Cruise

Date: <u>6 / 30 / 08</u>		Station number: <u>046</u>			INITIALS: <u>DP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>21:20</u> water depth = 41m
✓ 1	30					COMMENTS:
✓ 2	30					
✓ 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

# Small Volume Sample Log

## EN448 McGillicuddy Cruise

Date: <u>6</u> / <u>30</u> / <u>08</u>		Station number: <u>041</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	20			
✓ 2	20			
✓ 3	20			
✓ 4	20			
✓ 5	20			
✓ 6	20			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 22:34

water depth = 36  
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

## EN448 McGillicuddy Cruise

Date: <u>6/30/08</u>		Station number: <u>042</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	30			
✓ 2	30			
✓ 3	30			
✓ 4	30			
✓ 5	30			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 23:38

water depth = 40 m

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

## EN448 McGillicuddy Cruise

Date: <u>7/1/08</u>		Station number: <u>043</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u>    </u> Sample
1	185		14	
2	150		15	
3	100		16	
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 00:54

WD: 201

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

## EN448 McGillicuddy Cruise

Date: <u>7/1/08</u>		Station number: <u>044</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	170			
2	150	4		
3	100			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 03:20

WD: 182

COMMENTS:

FAILED TO FULLY TRIP

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

## EN448 McGillicuddy Cruise

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

INITIALS: MB

TIME (GMT): 04:59

Depth: 36-39  
COMMENTS: Shoaling

Sample taken from  
bottle 10, triggered on  
Wrong trigger

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

## EN448 McGillicuddy Cruise

Date: <u>7, 1</u> /08		Station number: <u>046</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	<u>25</u>			
✓ 2	<u>20</u>			
✓ 3	<u>20</u>			
✓ 4	<u>20</u>			
✓ 5	<u>20</u>			
✓ 6	<u>20</u>			
✓ 7	<u>20</u>			
✓ 8	<u>20</u>			
✓ 9	<u>10</u>			
10	<u>1</u>			
11	<u>1</u>			
12	<u>1</u>			

INITIALS: MB

TIME (GMT): 06:13

Depth: 33-43

COMMENTS: Shoaling

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

## EN448 McGillicuddy Cruise

Date: <u>7</u> / <u>1</u> /08		Station number: <u>047</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	30			
✓ 2	30			
✓ 3	30			
✓ 4	30			
✓ 5	30			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: MB

TIME (GMT): 07:36

COMMENTS: Depth: 45  
Shoaling (41-48)

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

## EN448 McGillicuddy Cruise

Date: <u>7</u> / <u>1</u> /08		Station number: <u>048</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	30			
✓ 2	30	4		
✓ 3	30			
✓ 4	30			
✓ 5	30			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10	4		
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 09:00

Depth: 42m

COMMENTS:

did not trip

did not trip

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

## EN448 McGillicuddy Cruise

Date: <u>7</u> / <u>1</u> / 08		Station number: <u>048A</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

INITIALS: DP

TIME (GMT): 9:43

COMMENTS: pump station

surf  
10  
20  
30  
~10m:

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

## EN448 McGillicuddy Cruise

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

INITIALS: KWS

TIME (GMT): 13:13

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

## EN448 McGillicuddy Cruise

Date: <u>7/1/08</u>		Station number: <u>950</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>14:30</u>
						WD: <u>65</u>
						COMMENTS:
1	50					
2	1					
3	1					
4	50					
5	40					
6	30					
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

## EN448 McGillicuddy Cruise

Date: <u>7/1/08</u>		Station number: <u>051</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	60			
2	60			
3	60			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 15:40

WD: 72

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

## EN448 McGillicuddy Cruise

Date: <u>7/1/08</u>	Station number: <u>052</u>
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INITIALS: MB

TIME (GMT): 16:50

Depth: 93

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	80					
2	50					
✓ 3	50					
✓ 4	50					
✓ 5	40					
✓ 6	30					
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

## EN448 McGillicuddy Cruise

*Salt Section*

Date: <u>7</u> / <u>1</u> /08	Station number: <u>053</u>
-------------------------------	----------------------------

INITIALS: MB

TIME (GMT): 18:15

Depth: 270 → 280

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

COMMENTS:

✓	1	250		17		
✓	2	150		18		
✓	3	100		19		
✓	4	50				
✓	5	40				
✓	6	30				
✓	7	20				
✓	8	20				
✓	9	40				
✓	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

## EN448 McGillicuddy Cruise

Date: <u>7 / 1 / 08</u>		Station number: <u>054</u>			INITIALS: <u>DP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E</u> Sample	Nuts Box <u>    </u> Sample	TIME (GMT): <u>21:57</u> water depth = 392 m
COMMENTS: <u>salt station</u>						
✓ 1	200			20		
✓ 2	150			21		
✓ 3	100			22		
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>7 / 1 / 08</u>		Station number: <u>055</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	85			
✓ 2	50	4		
✓ 3	50			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: DP

TIME (GMT): 23:27

water depth = 95m  
COMMENTS:

did not trip

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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>56</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	20			
2	20			
3	20			
4	30			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 00:39

DEPTH 93  
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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>057</u>			INITIALS: <u>KWS</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>01:52</u>
						UD: <u>76</u>
						COMMENTS:
1	65					
2	65					
3	65					
4	50					
5	40					
6	30					
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

## EN448 McGillicuddy Cruise

Date: <u>7/2</u> /08		Station number: <u>058</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	50			
2	1			
3	1			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 03:07

DEPTH 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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>059</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	50			
✓ 2	50			
✓ 3	60			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: MB

TIME (GMT): 04:36

Depth: 63

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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>060</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	20			
2	20			
3	20			
4	20			
5	20			
6	20			
7	20			
8	20			
✓ 9	10			
10	1			
11	1			
12	1			

INITIALS: MB

TIME (GMT): 06:14

COMMENTS: Depth: 37-47  
Drifting

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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>061</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	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
10	1			
11	1			
12	1			

INITIALS: MB

TIME (GMT): 07:45

Depth: 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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>062</u>			INITIALS: <u>DP</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>E+H</u> Sample	Nuts Box _____ Sample	TIME (GMT): <u>09:08</u>
		water depth = 270m				
		COMMENTS: <u>270m salt station</u>				
✓ 1	250		E23			
✓ 2	150		E24			
✓ 3	100		H1			
✓ 4	50					
✓ 5	40					
✓ 6	30					
✓ 7	20					
✓ 8	10					
✓ 9	1					
✓ 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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>063</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	75			
2	75			
3	75			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 13:54

DEPTH: 88

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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>064</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	70			
2	70			
3	70			
4	50			
5	40			
6	30			
7	20			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 15:22

DEPTH: 81  
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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>065</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	80			
✓ 2	50			
✓ 3	50			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
10	1			
11	1			
12	1			

INITIALS: MB  
 TIME (GMT): 16:40  
 Depth: 90 m  
 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

## EN448 McGillicuddy Cruise

Date: <u>7/2/08</u>		Station number: <u>066</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	85			
✓ 2	50			
3	50			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: MB  
 TIME (GMT): 17:55  
 Depth: 98  
 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

## EN448 McGillicuddy Cruise

*Salt Station*

Date: <u>7.3</u> /08		Station number: <u>067</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>H</u> Sample	Nuts Box Sample
✓ 1	140		2	
✓ 2	100		3	
✓ 3	100			
✓ 4	50			
✓ 5	40			
✓ 6	30			
✓ 7	20			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: MB  
 TIME (GMT): 06:55  
 Depth: 153  
 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