

Small Volume Sample Log

EN435 McGillicuddy Cruise

WD 16

Date: <u>5/17/07</u>		Station number: <u>001</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	10			
✓ 2	10			
✓ 3	10			
✓ 4	10			
✓ 5	10			
✓ 6	10			
✓ 7	10			
✓ 8	10			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

18 m

INITIALS: KWS

TIME (GMT): 19:30

SN 6769

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

EN435 McGillicuddy Cruise

Depth: 31m

INITIALS: HED

TIME (GMT): 21:37

SCAN # 697

COMMENTS:

Date: <u>5/17/07</u>		Station number: <u>002</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					

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

EN435 McGillicuddy Cruise

blndep = 40m

Date: <u>5/17/07</u>		Station number: <u>003</u>			INITIALS: <u>JPM</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>23:26</u>
						SCAN # <u>265</u>
						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

EN435 McGillicuddy Cruise

wp 52

Date: <u>5/18/07</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: KWS

TIME (GMT): 12:45

SCAN # 385

COMMENTS:

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

Small Volume Sample Log

EN435 McGillicuddy Cruise

WD 26

Date: <u>5 / 18 / 07</u>		Station number: <u>005</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	1		
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: KWS

TIME (GMT): 03:47

SCAN # 122

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

EN435 McGillicuddy Cruise

Depth: 23 m

Date: <u>5</u> / <u>18</u> / 07	Station number: <u>006</u>
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INITIALS: HED

TIME (GMT): 05:40

SCAN # 529

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓ 1	10					
✓ 2	10					
✓ 3	10					
✓ 4	10					
✓ 5	10					
✓ 6	10					
✓ 7	10					
✓ 8	10					
✓ 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

EN435 McGillicuddy Cruise

Depth: 68m

Date: 5/18/07 Station number: 007

INITIALS: HED

TIME (GMT): 06:37

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
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SCAN # 1150

COMMENTS:

✓1	60					
✓2	60					
✓3	60					
✓4	60					
✓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

EN435 McGillicuddy Cruise

Dep: 130

INITIALS:

HED/JPM

TIME (GMT):

0800

SCAN #

650

COMMENTS:

Date: <u>5/18/07</u>		Station number: <u>008</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	120				
✓ 2	120				
✓ 3	120				
✓ 4	10.0				
✓ 5	5.0				
✓ 6	4.0				
✓ 7	3.0				
✓ 8	3.0				2 bottles @ 30m
✓ 9	2.0				
✓ 10	1.0				
✓ 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

EN435 McGillicuddy Cruise

Depth: 197

Date: <u>5</u> / <u>18</u> / 07		Station number: <u>9</u>			INITIALS: <u>JPM</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>0937</u>
						SCAN # <u>750</u>
						COMMENTS:
✓ 1	190					
✓ 2	190					
✓ 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

EN435 McGillicuddy Cruise

Depth: 200

Date: <u>5/18/07</u>		Station number: <u>010</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	195			
✓ 2	195			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 1106

SCAN # 433

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

EN435 McGillicuddy Cruise

DEPTH: 223

Date: <u>5 / 18 / 07</u>		Station number: <u>011</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	210			
✓ 2	200			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: KWS

TIME (GMT): 13:40

SCAN # xxx

COMMENTS:

Internal spring came unlatched then reattached pre-cast

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

EN435 McGillicuddy Cruise

DEPTH 209

INITIALS: KWS

TIME (GMT): 14:58

SCAN# 169

COMMENTS:

Date: <u>5 / 13 / 07</u>		Station number: <u>12</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	200			
✓ 2	200			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	20			
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 172 m

INITIALS: HED

TIME (GMT): 16:25

SCAN # ~~1550~~ XXX

COMMENTS:

Date: <u>5/18/07</u>		Station number: <u>013</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓1	165					
✓2	165					
✓3	150					
✓4	100					
✓5	50 (scribble)					
✓6	40 (scribble)					
✓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

EN435 McGillicuddy Cruise

DEPTH: 78m

Date: 5 / 18 / 07 Station number: 14

INITIALS: HED

TIME (GMT): 17:58

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
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SCAN # 500

COMMENTS:

✓1	70					
✓2	70					
✓3	70					
✓4	70					
✓5	50					
✓6	40					
✓7	30					
✓8	20					
✓9	10					
✓10	1(3)					
✓11	1(3)					
✓12	1(3)					

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

EN435 McGillicuddy Cruise

Depth: 60m

Date: <u>5/18/07</u>		Station number: <u>15</u>			INITIALS: <u>JPM</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>21:41</u>
						SCAN # <u>792</u>
						COMMENTS:
✓ 1	50					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	3					
✓ 11	3					
✓ 12	3					

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

EN435 McGillicuddy Cruise

Depth: 56

Date: <u>5/18/07</u>		Station number: <u>016</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: JM

TIME (GMT): 23:32

SCAN # 800

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

EN435 McGillicuddy Cruise

Depth: 30

INITIALS: KWS

TIME (GMT): 01:11

SCAN # 380

COMMENTS:

Date: <u>5 / 19 / 07</u>		Station number: <u>17</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				

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

EN435 McGillicuddy Cruise

WD 18

Date: <u>5/19/07</u>		Station number: <u>18</u>			Depth: <u>19m</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>02:59</u>	
					SCAN # <u>265</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1	10					
2	10					
3	10					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10					
10	1				4	Bottom cap didn't close - No Sample
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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>19</u> / <u>07</u>		Station number: <u>19</u>			Depth: <u>47 m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>04:31</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	SCAN # <u>400</u>	
✓1	40				COMMENTS:	
✓2	40					
✓3	40					
✓4	40					
✓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

EN435 McGillicuddy Cruise

Depth: ~~82m~~ 83m

INITIALS: HED

TIME (GMT): 06:05

SCAN # 500

COMMENTS:

Date: <u>5/19/07</u>		Station number: <u>20</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	78				
✓2	78				
✓3	78				
✓4	78				
✓5	50				
✓6	40				
✓7	30				
✓8	20				
✓9	10				
✓10	1 (3m)				
✓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

EN435 McGillicuddy Cruise

Depth: 63 m

INITIALS: HED

TIME (GMT): 07:45

SCAN # 505

COMMENTS:

Date: 5/19/07		Station number: 21				
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

EN435 McGillicuddy Cruise

Date: <u>5/19/07</u>		Station number: <u>22</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			

Depth: 50m

INITIALS: JPM

TIME (GMT): 09:33

SCAN # 600

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

EN435 McGillicuddy Cruise

Date: <u>5/19/07</u>		Station number: <u>23</u>			Depth: <u>124</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>11:03 GMT</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>385</u>	
✓ 1	119				COMMENTS:	
✓ 2	119					
✓ 3	119					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 19 / 07</u>		Station number: <u>24</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	195			
✓ 2	195			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
9	10			
10	1			
11	1			
12	1			

Depth: 200
 INITIALS: KWS
 TIME (GMT): 12:40
 SCAN # 545
 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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>19</u> /07	Station number: <u>25</u>
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Depth: 258
INITIALS: KWS

TIME (GMT): 14:11

SCAN# 409

COMMENTS:

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
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✓ 1	250					
✓ 2	209					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/19/07</u>		Station number: <u>26</u>			Depth <u>234m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>17:04</u>	
					SCAN# <u>200</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓1	228					
✓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

EN435 McGillicuddy Cruise

Depth: 169 m

INITIALS: HED

TIME (GMT): 18:26

SCAN # 200

COMMENTS:

Date: <u>5/19/07</u>		Station number: <u>27</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	160				
✓2	160				
✓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

EN435 McGillicuddy Cruise

Depth: 114_m

INITIALS: HED/JPM

TIME (GMT): 2000 GMT

SCAN # 193

COMMENTS:

Date: <u>5/19/07</u>		Station number: <u>28</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	106				
✓ 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

EN435 McGillicuddy Cruise

Depth: 94

INITIALS: JBM

TIME (GMT): 2123

SCAN # missed

COMMENTS:

Date: <u>5/19/07</u>		Station number: <u>29</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	88				
✓ 2	88				
✓ 3	88				
✓ 4	88				
✓ 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.

w/drifter #75203 deployed @

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5/19/07</u>		Station number: <u>30</u>			Depth: <u>46</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>22:45</u>	
					SCAN #: <u>289</u>	
					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	40					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	10					
✓ 11	10					
✓ 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

- drifter # 75202 deployed

- only one surface bottle (3 10m bottles)

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 58

INITIALS: KWS

TIME (GMT): 00:17

SCAN # 313

COMMENTS:

Date: <u>5 / 20 / 07</u>		Station number: <u>31</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				

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.

drifter 75201 deployed

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5 / 20 / 07</u>		Station number: <u>32</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			

Depth: 28
 INITIALS: KWS
 TIME (GMT): 01:31
 SCAN # 290
 COMMENTS:

Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1) *FILE CTD-032n contains migrating record*

- 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

EN435 McGillicuddy Cruise

Date: <u>5/20/07</u>		Station number: <u>33</u>			Depth: <u>39m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>07:39</u>	
					SCAN # <u>385</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

EN435 McGillicuddy Cruise

Date: <u>5/20/07</u>		Station number: <u>34</u>			Depth: <u>55</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>0921</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>433</u>	
✓ 1	50					
✓ 2	50					
✓ 3	50					
✓ 4	50					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1					

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

EN435 McGillicuddy Cruise

Date: <u>5/20/07</u>		Station number: <u>35</u>			Depth: <u>122</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	INITIALS: <u>JPM</u>
						TIME (GMT): <u>1112</u>
						SCAN # <u>529</u>
						COMMENTS:
✓ 1	115					
✓ 2	115					
✓ 3	115					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/20/07</u>		Station number: <u>36</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	145			
✓ 2	145			
✓ 3	125			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

WD 15H
 INITIALS: KWS
 TIME (GMT): 12:40
 SCAN # 241
 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.

Add length to lanyards 1, 3 & 5.
 between CTD 036 + 037
 80

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH = 112 - 1071 DRAFT

INITIALS: KUS

TIME (GMT): 13:59

SCAN # 217

COMMENTS:

Date: <u>5 / 20/07</u>		Station number: <u>037</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	95				
2	95				
3	95				
4	95				
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

EN435 McGillicuddy Cruise

Date: <u>5 / 20 / 07</u>		Station number: <u>038</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	203			
✓ 2	203			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
10	1			
11	1			
12	1			

WD: 215
 INITIALS: KWS
 TIME (GMT): 15:05
 SCAN # 300?
 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

EN435 McGillicuddy Cruise

Depth: 181m

INITIALS: HED

TIME (GMT): 16:15

SCAN #: 650

COMMENTS:

Date: 5/20/07		Station number: 39			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	175				
✓2	175				
✓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.

Precast - change internal tension on Niskin 1 from black rubber tubing to monofilament & coated spring as in other Niskins. Tension is now greater.
M. Swartz WHOI

YB

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 61m

INITIALS: HED

TIME (GMT): 18:15

SCAN# 400

COMMENTS:

Date: <u>5 / 20 / 07</u>		Station number: <u>40</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					

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

EN435 McGillicuddy Cruise

DEPTH: ^{148m} ~~142m~~

Date: <u>5/20/07</u>		Station number: <u>41</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓1	140			
✓2	140			
✓3	140			
✓4	100			
✓5	50			
✓6	40			
✓7	30			
✓8	20			
✓9	10			
✓10	1			
✓11	1			
✓12	1			

INITIALS: HED

TIME (GMT): 19:22

SCAN # 600

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

EN435 McGillicuddy Cruise

Depth: 172

INITIALS: JPM

TIME (GMT): 2040

SCAN #: 650

COMMENTS:

Date: 5/20/07		Station number: 42		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	165			
✓ 2	165			
✓ 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

EN435 McGillicuddy Cruise

Depth: 136

INITIALS: JPM

TIME (GMT): 2203

SCAN# 800

COMMENTS:

Date: 5/20/07		Station number: 43		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	132			
✓ 2	132			
✓ 3	132			
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 20 / 07</u>		Station number: <u>44</u>			Depth: <u>75</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>2338</u>	
					SCAN # <u>700</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	70					
✓ 2	70					
✓ 3	70					
✓ 4	70					
✓ 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

EN435 McGillicuddy Cruise

PAR sensor removed &
dummy plug inserted into
cable in this pump
cast.

Depth: 30

INITIALS: KWS

TIME (GMT): 01:01

SCAN # 290

COMMENTS:

Date: 5/21/07		Station number: 45 CTD045.* + CTD045 pump			AC of PAR or Niskin	
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					

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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>46</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	10			
2	10			
3	10			
4	10			
5	10			
6	10			
7	10			
8	10			
9	10			
10	1			
11	1			
12	1			

Depth: 20

INITIALS: KWS

TIME (GMT): 01:54

SCAN# 193

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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>045 pump</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				

Depth: 30

INITIALS: KWS

TIME (GMT): ~03:00 — 03:45

SCAN# _____

COMMENTS:

PUMP PROFILE
NO WATER TAKEN
FILE IS
CTD 045 pump.dat
although done after
CTD 046.

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

EN435 McGillicuddy Cruise

Depth: ~~42m~~ 36m

INITIALS: HED

TIME (GMT): 06:40

SCAN # 600

COMMENTS:

Date: <u>5/21/07</u>		Station number: <u>47</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				

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

EN435 McGillicuddy Cruise

Depth: 92m

INITIALS: HED

TIME (GMT): 7:35

SCAN# XX

COMMENTS:

Date: <u>5/21/07</u>		Station number: <u>48</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
✓1	80				
✓2	80				
✓3	80				
✓4	80				
✓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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>21</u> /07		Station number: <u>49</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	168			
✓ 2	168			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

Depth: 175

INITIALS: JPM

TIME (GMT): 0848

SCAN # missed

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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>50</u>			Depth: <u>~130</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>1002</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	SCAN # <u>~900</u>	
✓ 1	125				COMMENTS:	
✓ 2	125					
✓ 3	125					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 21 / 07</u>		Station number: <u>051</u>			Depth: <u>164</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>1114</u>	
					SCAN # <u>(625)</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	COMMENTS:	
✓ 1	166					
✓ 2	160					
✓ 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

EN435 McGillicuddy Cruise

Depth: 153
INITIALS: KWS

TIME (GMT): 12:25

SCAN # 457

COMMENTS:

Date: 5/21/07		Station number: 052			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	145				
2	145				
3	145				
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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>053</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	170			
✓ 2	170			
✓ 3	150			
✓ 4	100			
✓ 5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

Depth: 180
 INITIALS: KWS
 TIME (GMT): 13:39
 SCAN# 265
 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

EN435 McGillicuddy Cruise

Depth: 166m

INITIALS: HED

TIME (GMT): 16:45

SCAN #: 400

COMMENTS: 1st station for salt bottles

Date: 5/21/07		Station number: 54			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	160				
✓ 2	160		1		
✓ 3	150		2		
✓ 4	100		3		
✓ 5	50				
✓ 6	40				
✓ 7	30				
✓ 8	20				
✓ 9	10				* bottle leaking
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>55</u>			Depth: <u>185m</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box <u> </u> Sample	INITIALS: <u>HED</u>
						TIME (GMT): <u>17:57</u>
						SCAN # <u>600</u>
						COMMENTS:
✓1	180					
✓2	180			4		
✓3	150			5		
✓4	100			6		
✓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

EN435 McGillicuddy Cruise

Depth: 173 m

INITIALS: HED

TIME (GMT): 19:00

SCAN # 300

COMMENTS:

Date: <u>5/21/07</u>		Station number: <u>56</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	165				
✓ 2	165				
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>57</u>			Depth: <u>136</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	INITIALS: <u>JPM</u>
						TIME (GMT): <u>2017</u>
						SCAN # <u>385</u>
						COMMENTS:
✓ 1	130					
✓ 2	130					
✓ 3	130					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/21/07</u>		Station number: <u>50</u>			Depth: <u>103</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	INITIALS: <u>JPM</u>
						TIME (GMT): <u>2124</u>
						SCAN # <u>741</u>
						COMMENTS:
✓ 1	96					
✓ 2	96					
✓ 3	96					
✓ 4	96					
✓ 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

EN435 McGillicuddy Cruise

Depth 91

Date: <u>5 / 21 / 07</u>		Station number: <u>59</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	86			
✓ 2	86			
✓ 3	86			
✓ 4	86			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 2234

SCAN # missed

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

EN435 McGillicuddy Cruise

Date: <u>5 / 22 / 07</u>		Station number: <u>60</u>			Depth: <u>40 - 70</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	INITIALS: <u>JPM/KS</u>
						TIME (GMT): <u>23:58</u>
						SCAN # <u>337</u>
						COMMENTS:
1	40					
2	40					
3	40					
4	40					
5	40					
6	40					
7	30					
8	20X					DID NOT TRIP
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

EN435 McGillicuddy Cruise

Depth: 35-45

INITIALS: KWS

TIME (GMT): 01:01

SCAN #

COMMENTS:

Date: 5/23/07		Station number: 61			
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				

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

EN435 McGillicuddy Cruise

Date: <u>5/22/07</u>		Station number: <u>62</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	80			
2	80			
3	80			
4	80			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

bot dep: 190-199

INITIALS: KWS

TIME (GMT): 01:55

SCAN # 360

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

EN435 McGillicuddy Cruise

bottom Depth: 60m

INITIALS: HED

TIME (GMT): 04:22

SCAN # 505

COMMENTS:

Date: <u>5/22/07</u>		Station number: <u>63</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 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

drifter # 75381

Deployed 04:32

Depth 55m

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 71m

INITIALS: HED

TIME (GMT): 05:10

SCAN # 400

COMMENTS:

Date: <u>5/22/07</u>		Station number: <u>64</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓1	60					
✓2	66					
✓3	60					
✓4	60					
✓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

Drifter # 75382

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 112m

INITIALS: HED

TIME (GMT): 06:12

SCAN # 200

COMMENTS:

Date: 5/22/07		Station number: 65			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	100				
✓ 2	100				
✓ 3	100				
✓ 4	100 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.

Fluorescence
profile looks "step-like"?

M. Swartz WHOI

Drifter # 75383

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 157m

INITIALS: HED

TIME (GMT): 07:15

SCAN # 500

COMMENTS:

Date: 5/22/07		Station number: 66			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	145				
✓2	145				
✓3	145				
✓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.

Drifter # 75384

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 196

INITIALS: JPM

TIME (GMT): 0825

SCAN # 337

COMMENTS:

Date: <u>5/22/07</u>		Station number: <u>67</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	192					
✓ 2	192					
✓ 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

drifter 75385

Small Volume Sample Log

EN435 McGillicuddy Cruise

Depth: 189

INITIALS: JPM

TIME (GMT): 0941

SCAN # 529

COMMENTS: _____

Date: <u>5/22/07</u>		Station number: <u>68</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
✓ 1	185				
✓ 2	185				
✓ 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

drifter #75386

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>22</u> /07		Station number: <u>69</u>			Depth: <u>196</u> INITIALS: <u>JPM</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box Sample	TIME (GMT): <u>1050</u>	SCAN # <u>553</u>
✓ 1	190					
✓ 2	190		7			
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 22 / 07</u>		Station number: <u>70</u>			Depth: <u>240</u>	
					INITIALS: <u>JPM/KS</u>	
					TIME (GMT): <u>12:00</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box _____ Sample	SCAN # <u>337</u>	
1	230		10			
2	185		11			
3	150		12			
4	100					
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1				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

EN435 McGillicuddy Cruise

Date: <u>5/22/07</u>		Station number: <u>71</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	225		NONE	
2	200		NONE	
3	150		NONE	
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

Depth: 236
 INITIALS: KW/S
 TIME (GMT): 14:02
 SCAN # 570
 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

Fixed ok in software

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5 / 22 / 07</u>		Station number: <u>72</u>			Depth: <u>233</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>15:09</u>	
					SCAN # <u>600</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1	220		13			
2	200		14			
3	150		15			
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

EN435 McGillicuddy Cruise

Depth: 223 m

INITIALS: HED

TIME (GMT): 16:14

SCAN # 350

COMMENTS:

Date: <u>5/22/07</u>		Station number: <u>73</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box <u> </u> Sample	
✓ 1	218		16		
✓ 2	200		17		
✓ 3	150		18		
✓ 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

EN435 McGillicuddy Cruise

Depth: 162m

INITIALS: HED

TIME (GMT): 17:18

SCAN # 350

COMMENTS:

Date: 5/22/07		Station number: 74			
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

EN435 McGillicuddy Cruise

Depth: 166m

INITIALS: HED

TIME (GMT): 18:18

SCAN # 450

COMMENTS:

Date: <u>5/22/07</u>		Station number: <u>75</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
✓1	160				
✓2	160				
✓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

EN435 McGillicuddy Cruise

Depth: 113m

INITIALS: HED

TIME (GMT): 19:21

SCAN # 500

COMMENTS:

Date: <u>5/22/07</u>		Station number: <u>76</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	100					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>22</u> / <u>07</u>		Station number: <u>77</u>			Depth: <u>96</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>2023</u>	
					SCAN # <u>313</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	90					
✓ 2	90					
✓ 3	90					
✓ 4	90					
✓ 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

PAR sensor removed
dummy plug inserted into
cable for this pump
cast.

EN435 McGillicuddy Cruise

Depth: 92

INITIALS: JPM

TIME (GMT): 2103-2221

SCAN #

COMMENTS:

Date: 5/22/07		Station number: 77a w/ PUMP				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1					Pump @	~ 24 m
2						~ 20 m
3						~ 10 m
4						~ 2 m
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

PUMP

note: file originally called "CT0078", renamed to "CT0077a"

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5 / 22 / 07</u>		Station number: <u>78</u>			Depth: <u>~34</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>2331</u>	
					SCAN # <u>505</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓ 1	28					
✓ 2	28					
✓ 3	28					
✓ 4	28					
✓ 5	28					
✓ 6	28					
✓ 7	28					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/23/07</u>		Station number: <u>79</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			

Depth: 62

INITIALS: KWS

TIME (GMT): 01:20

SCAN # 250

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

EN435 McGillicuddy Cruise

Date: <u>5/23/07</u>		Station number: <u>80</u>			Depth: <u>77</u>	
					INITIALS: <u>K W/S</u>	
					TIME (GMT): <u>02:18</u>	
					SCAN # <u>697</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
1	65					
2	65					
3	65					
4	65					
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

EN435 McGillicuddy Cruise

Date: <u>5 / 23 / 07</u>		Station number: <u>81</u>			Depth: <u>93</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>03:20</u>	
					SCAN # <u> </u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ____ Sample	Nuts Box ____ Sample		
1	85					
2	85					
3	85					
4	85					
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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>23</u> /07		Station number: <u>82</u>			Depth: <u>142m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>14 14:19</u>	
					SCAN # <u>505</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓1	140					
✓2	140					
✓3	140					
✓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

EN435 McGillicuddy Cruise

Depth: 204m

INITIALS: HEB

TIME (GMT): 05:21

SCAN # 505

COMMENTS:

Date: <u>5/23/07</u>		Station number: <u>83</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
✓ 1	200				
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 23 / 07</u>		Station number: <u>84</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	200			
✓ 2	200			
✓ 3	150			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

Depth: 212m
 INITIALS: HED
 TIME (GMT): 06:26
 SCAN # 313
 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

EN435 McGillicuddy Cruise

Date: <u>5/23/07</u>		Station number: <u>85</u>			Depth: <u>222m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>07:37</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box <u> </u> Sample	SCAN # <u>289</u>	
COMMENTS:						
✓ 1	215		19			
✓ 2	200		20			
✓ 3	150		21			
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>23</u> / 07		Station number: <u>86</u>			Depth: <u>217</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>0855</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box _____ Sample	SCAN # <u>433</u>
✓ 1	212		22			COMMENTS:
✓ 2	200		23			
✓ 3	150		24			
✓ 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

EN435 McGillicuddy Cruise

Depth: 163

INITIALS: JPM

TIME (GMT): 1134

SCAN # 337

COMMENTS:

Date: <u>5 / 23 / 07</u>		Station number: <u>87</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample		
✓ 1	157		1			
✓ 2	157		2			
✓ 3	150		3			
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 23 / 07</u>		Station number: <u>88</u>			Depth: <u>170</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>12:38</u>	
					SCAN # <u>500</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample		
1	160					
2	160		4			
3	150		5			
4	100		6			
5	50					
6	40					
7	30					
8	20					
9	10					
10	1					
11	1					
12	1				TRIPPED BY PCIE	

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

EN435 McGillicuddy Cruise

Depth: ~~125~~ 130

INITIALS: KW/S

TIME (GMT): 13:44

SCAN #

COMMENTS:

Date: <u>5</u> / <u>23</u> /07		Station number: <u>89</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
1	125				
2	125				
3	125				
4	100				
5	50				
6	40				
7	30				
8	20				
9	19				
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

EN435 McGillicuddy Cruise

Date: <u>5 / 23 / 07</u>		Station number: <u>90</u>			Depth: <u>165 - 160</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>04:42</u>	
					SCAN # <u>500</u>	
					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

EN435 McGillicuddy Cruise

Date: <u>5 / 23</u> 07		Station number: <u>91</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	290			
2	200			
3	150			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

Depth: 213
 INITIALS: KWS
 TIME (GMT): 15:42
 SCAN # 337
 COMMENTS:

* o-ring from top fell in - repair
 (OK)

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

EN435 McGillicuddy Cruise

Depth: 183m

INITIALS: HED

TIME (GMT): 16:45

SCAN # 350

COMMENTS:

Date: 5 / 23 / 07		Station number: 92			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	175				
✓ 2	175				
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/23/07</u>		Station number: <u>93</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	60			
✓ 2	60			
✓ 3	60			
✓ 4	60			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

Depth: 68m
 INITIALS: HED
 TIME (GMT): 17:47
 SCAN # 350
 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

EN435 McGillicuddy Cruise

Depth: 42 m
 INITIALS: HED
 TIME (GMT): 18:42
 SCAN #: 337
 COMMENTS:

Date: <u>5/23/07</u>		Station number: <u>94</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	4		

*bottle lid didn't close
bottom properly*

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

EN435 McGillicuddy Cruise

Depth: 71
 INITIALS: JPM
 TIME (GMT): 2053
 SCAN # ?
 COMMENTS:

Date: <u>5 / 23 / 07</u>		Station number: <u>95</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	65			
✓ 2	65			
✓ 3	65			
✓ 4	65			
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 23 / 07</u>		Station number: <u>96</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
74 1	✓			
74 2	✓			
74 3	✓			
74 4	✓			
50 5	✓			
40 6	✓			
30 7	✓			
20 8	✓			
10 9	✓			
1 10	✓			
1 11	✓			
1 12	✓			

Depth: 79
 INITIALS: JPM
 TIME (GMT): 2139
 SCAN # 265
 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

EN435 McGillicuddy Cruise

Date: <u>5 / 23 / 07</u>		Station number: <u>97</u>			Depth: <u>110</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>2242</u>	
					SCAN # <u>~600</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	COMMENTS:	
✓ 1	100					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/23/07</u>		Station number: <u>98</u>			Depth: <u>123</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>2338</u>	
					SCAN # <u>361</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	118					
✓ 2	118					
✓ 3	118					
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5 / 24 / 07</u>		Station number: <u>99</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	115			
2	115			
3	115			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

Depth: 125
 INITIALS: KWS
 TIME (GMT): 00:31
 SCAN # _____
 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

EN435 McGillicuddy Cruise

Date: <u>5 / 24 / 07</u>		Station number: <u>100</u>			Depth: <u>180</u>	
					INITIALS: <u>KW/Y</u>	
					TIME (GMT): <u>1:31</u>	
					SCAN # <u>481</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1	170					
2	170					
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

EN435 McGillicuddy Cruise

Depth: 185

INITIALS: _____

TIME (GMT): 02:40

SCAN # 700

COMMENTS:

Date: 5/24/07		Station number: 101			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
1	175				
2	175				
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

EN435 McGillicuddy Cruise

Date: <u>5/24/07</u>		Station number: <u>102</u>		
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			

Depth: 160
 INITIALS: KW/S
 TIME (GMT): 03:42
 SCAN # 360
 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

EN435 McGillicuddy Cruise

Date: <u>5/24/07</u>		Station number: <u>103</u>			Depth: <u>97m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>04:41</u>	
					SCAN # <u>481</u>	
					COMMENTS:	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓1	90					
✓2	90					
✓3	90					
✓4	90					
✓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

EN435 McGillicuddy Cruise

Date: <u>5/24/07</u>		Station number: <u>104</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	80			
✓ 2	80			
✓ 3	80			
✓ 4	80			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

Depth: 87m

INITIALS: HED

TIME (GMT): 05:39

SCAN # 409

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

EN435 McGillicuddy Cruise

Depth: 67m
 INITIALS: HED
 TIME (GMT): 06:35
 SCAN # 385
 COMMENTS:

Date: <u>5/24/07</u>		Station number: <u>105</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample		
✓ 1	60					
✓ 2	60					
✓ 3	60					
✓ 4	60					
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 53m

INITIALS: HED

TIME (GMT): 07:25

SCAN # 600

COMMENTS:

Date: 5/24/07		Station number: 106			
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				

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

EN435 McGillicuddy Cruise

DEPTH: 94

INITIALS: JPM

TIME (GMT): 1129

SCAN # 313

COMMENTS:

Date: 5/24/07		Station number: 107			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	88				
✓ 2	88				
✓ 3	88				
✓ 4	88				
✓ 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

Starting Digby transect

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5/24/07</u>		Station number: <u>908</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	110			
2	110			
3	110			
4	100			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

DEPTH: 120
 INITIALS: KWS
 TIME (GMT): 12:12
 SCAN # 380
 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

Drifter 75469

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 140

INITIALS: KUS

TIME (GMT): 13:09

SCAN #

COMMENTS:

Date: 5 / 24 / 07		Station number: 109				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1	130					
2	130					
3	130					
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

drift # 75468

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5 / 24 / 07</u>		Station number: <u>110</u>			DEPTH: <u>133</u>	
					INITIALS: <u>K W S</u>	
					TIME (GMT): <u>14:00</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>337</u>	
1	120				COMMENTS:	
2	120					
3	120					
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

drift # 75467

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5/24/07</u>		Station number: <u>111</u>		
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			

DEPTH: 164
 INITIALS: K W S
 TIME (GMT): 14:50
 SCAN #: 300
 COMMENTS:

DID NOT TRIP - HANG L

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

drifter # 75466

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 165

INITIALS: KWS

TIME (GMT): 15:47

SCAN # 260

COMMENTS:

Date: 5 / 24 / 07		Station number: 112		
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

dr. flu 75465

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 124m

INITIALS: HED

TIME (GMT): 16:50

SCAN # 200

COMMENTS:

Date: 5/24/07		Station number: 113			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	118				
✓ 2	118				
✓ 3	118				
✓ 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

dr. flr 75464

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 126m

INITIALS: HED

TIME (GMT): 17:40

SCAN # 457

COMMENTS:

Date: 5/24/07		Station number: 114				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
✓ 1	120					
✓ 2	120					
✓ 3	120					
✓ 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

dr. fter 75463

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 105m

INITIALS: HED

TIME (GMT): 18:28

SCAN # 385

COMMENTS:

Date: 5/24/07		Station number: 115		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓1	100			
✓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

EN435 McGillicuddy Cruise

DEPTH: 74 m

INITIALS: HED

TIME (GMT): 19:24

SCAN # 313

COMMENTS:

Date: 5/24/07		Station number: 116			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	65				
✓ 2	65				
✓ 3	65				
✓ 4	65				
✓ 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

~~dr. 75462~~

Small Volume Sample Log

EN435 McGillicuddy Cruise

For this cast:
PAR sensor lowered and
Cap left on
to protect sensor from
hose

DEPTH: 80

Date: 5 / 24 / 07 Station number: 116 pump

INITIALS: JPM

TIME (GMT): 1959

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
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SCAN # 481

COMMENTS:

1					Pump	20 m
2						10 m
3						2 m
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

Pump

dr. filter 75461

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 73

Date: 5/24/07		Station number: 117		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	68			
✓ 2	68			
✓ 3	68			
✓ 4	68			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 2145

SCAN #: 431

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

Last of Digby transect

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 65

INITIALS: K W S

TIME (GMT): 00:23

SCAN #

COMMENTS:

Date: 5 / 25 / 07		Station number: 118			
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

EN435 McGillicuddy Cruise

DEPTH: 93

INITIALS: KWS

TIME (GMT): 01:21

SCAN # 481

COMMENTS:

Date: 5/25/07		Station number: 119			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	80				
2	80				
3	80				
4	80				
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

EN435 McGillicuddy Cruise

DEPTH: 100

INITIALS: KWS

TIME (GMT): 02:09

SCAN # 361

COMMENTS:

Date: 5 / 25 / 07		Station number: 120			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	90				
2	90				
3	90				
4	90				
5	50				
6	90				
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

EN435 McGillicuddy Cruise

DEPTH: 100

INITIALS: KWS

TIME (GMT): 02:58

SCAN # 265

COMMENTS:

Date: 5/25/07		Station number: 121			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	90				
2	90				
3	90				
4	90				
5	50				
6	40				
7	30				
8	20				
9	10				
10	1				
11	1				
12	1				

top ring came reseated during cast - reseated post cast

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

EN435 McGillicuddy Cruise

DEPTH: 95

INITIALS: KWS

TIME (GMT): 03:45

SCAN # 385

COMMENTS:

Date: 5 / 25 / 07		Station number: 122			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	85				
2	85				
3	85				
4	85				
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

EN435 McGillicuddy Cruise

DEPTHS: 97 m

Date: <u>5 / 25 / 07</u>		Station number: <u>123</u>			INITIALS: <u>HED</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>04:35</u>
						SCAN # <u>770</u>
						COMMENTS:
✓ 1	85					
✓ 2	85					
✓ 3	85					
✓ 4	85					
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 87m

INITIALS: HED

TIME (GMT): 05:20

SCAN # 265

COMMENTS:

Date: 5/25/07		Station number: 124			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	80				
✓2	80				
✓3	80				
✓4	80				
✓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

EN435 McGillicuddy Cruise

DEPTH: 76m

INITIALS: HED

TIME (GMT): 06:05

SCAN # 400

COMMENTS:

Date: 5/25/07		Station number: 125			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	65				
✓2	65				
✓3	65				
✓4	65				
✓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

EN435 McGillicuddy Cruise

NEW NAME
ACTD 126

DEPTH: 152m

INITIALS: HED

TIME (GMT): 16:37

SCAN # 200

COMMENTS:

Date: 5/25/07		Station number: 50M1			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample	
1	145		7		
2	130		8		
3	110		9		
4	90				
5	70				
6	50				
7	40				
8	30				
9	20				
10	10				
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

EN435 McGillicuddy Cruise

THROW AWAY

SEENEXT CAST

DEPTH: 275m → 220m

INITIALS: JPM

TIME (GMT): 2054

SCAN # 289

COMMENTS:

Date: 5 / 25 / 07		Station number: GOM2		
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				

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

Since we drifted away into shallower water,
we decided to scratch this cast (no bottles)
and take it over in deep water.

Small Volume Sample Log

EN435 McGillicuddy Cruise

New name:
CTD 127

DEPTH: 300

INITIALS: JPM

TIME (GMT): 2146

SCAN # 697

COMMENTS:

Date: <u>5 / 25 / 07</u>		Station number: <u>GOM26</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample
2771	✓		10	
2302	✓		11	
1803	✓		12	
✓ 4	150			
✓ 5	120			
✓ 6	90			
✓ 7	60			
✓ 8	30			
✓ 9	20			
✓ 10	10			
✓ 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

EN435 McGillicuddy Cruise

(previously known as GOM3)

DEPTH: 230

INITIALS: KWS

TIME (GMT): 01:50

SCAN#

COMMENTS:

Date: 5/26/07		Station number: 128			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	2.20		13		
2	200		14		
3	180		15		
4	140				
5	110				
6	80				
7	60				
8	40				
9	20				
10	10				
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

EN435 McGillicuddy Cruise

(previously known as GOMV)

DEPTH: 207m

INITIALS: HED

TIME (GMT): 06:18

SCAN # 500

COMMENTS:

Date: 5 / 26 / 07		Station number: 129			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	200				
✓ 2	175				
✓ 3	150				
✓ 4	130				
✓ 5	110				
✓ 6	90				
✓ 7	70				
✓ 8	50				
✓ 9	20				
✓ 10	10	4			metal catch did not release correctly - no water in bottle
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 30

INITIALS: KWS

TIME (GMT): 12:06

SCAN #

COMMENTS:

Date: 5/26/07		Station number: 130		
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			

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

EN435 McGillicuddy Cruise

DEPTH 65

INITIALS: KWS

TIME (GMT): 12:24

SCAN #

COMMENTS:

Date: 5 / 26 / 07		Station number: 131			
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

EN435 McGillicuddy Cruise

Date: <u>5/26/07</u>		Station number: <u>132</u>			DEPTH : <u>160</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>14:42</u>	
					SCAN # <u> </u>	
					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	(
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

EN435 McGillicuddy Cruise

DEPTH: 154

Date: <u>5/26/07</u>		Station number: <u>133</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓1	145			
✓2	145			
✓3	145			
✓4	100			
✓5	50			
✓6	40			
✓7	30			
✓8	20			
✓9	10			
✓10	1			
✓11	1			
✓12	1			

INITIALS: HED

TIME (GMT): 16:07

SCAN # 280

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

EN435 McGillicuddy Cruise

DEPTH: 121m

INITIALS: HED

TIME (GMT): 17:33

SCAN # 360

COMMENTS:

Date: 5/26/07		Station number: 134			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	115				
✓ 2	115				
✓ 3	115				
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 88m

INITIALS: HED

TIME (GMT): 18:35

SCAN # 361

COMMENTS:

Date: 5/26/07		Station number: 135			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	80				
✓2	80				
✓3	80				
✓4	80				
✓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

For this pump cast:
 PAR sensor removed
 dummy plug installed into
 cable. $\therefore V3 = \emptyset$

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 90 m

INITIALS: HED

TIME (GMT): 19:15

SCAN # 350

COMMENTS:

Date: 5/26/07		Station number: 135a		
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				

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.

Time for

Actual
Depths

Pump station @ 50 m
 20 m
 10 m
 1 m

M. Swartz WHOI

49 m
 20 m

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 66

Date: 5 / 26 / 07		Station number: 136		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	60			
✓ 2	60			
✓ 3	60			
✓ 4	60			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 2152

SCAN # 553

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

EN435 McGillicuddy Cruise

DEPTH: 54

INITIALS: JPM

TIME (GMT): 2254

SCAN # 817

COMMENTS:

Date: 5/26/07		Station number: 137		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	47			
✓ 2	47			
✓ 3	47			
✓ 4	47			
✓ 5	47			
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 45

INITIALS: JPM/KWS

TIME (GMT): 23:55

SCAN # 505

COMMENTS:

Date: 5 / 26 / 07		Station number: 138			
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	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

EN435 McGillicuddy Cruise

DEPTH: 418

INITIALS: KW5

TIME (GMT): 00:48

SCAN# 337

COMMENTS:

Date: 5/27/07		Station number: 139			
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				

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

EN435 McGillicuddy Cruise

DEPTH: 56

INITIALS: KWS

TIME (GMT): 01:38

SCAN # 433

COMMENTS:

Date: 5/27/07		Station number: 140			
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				

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

EN435 McGillicuddy Cruise

DEPTH = 55

INITIALS: KWS

TIME (GMT): 02:30

SCAN # 409

COMMENTS:

Date: <u>5 / 27</u> / 07		Station number: <u>141</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
1	410				
2	40				
3	40				
4	410				
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

EN435 McGillicuddy Cruise

DEPTH 67

INITIALS: HWJ

TIME (GMT): 03:20

SCAN # 200

COMMENTS:

Date: <u>5/27/07</u>		Station number: <u>142</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
1	80				
2	80				
3	80				
4	80				
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

EN435 McGillicuddy Cruise

DEPTH: 69m

INITIALS: HED

TIME (GMT): 04:15

SCAN # 337

COMMENTS:

Date: 5/27/07		Station number: 143			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	60				
✓ 2	60				
✓ 3	60				
✓ 4	60				
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 73m

Date: 5/27/07 Station number: 144

INITIALS: HED

TIME (GMT): 05:15

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
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SCAN # 433

COMMENTS:

✓1	65					
✓2	65					
✓3	65					
✓4	65					
✓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

EN435 McGillicuddy Cruise

DEPTH: 121m

Date: <u>5/27/07</u>		Station number: <u>145</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	115			
✓ 2	115			
✓ 3	115			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: HED

TIME (GMT): 06:15

SCAN # 480

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

EN435 McGillicuddy Cruise

depth: 138m

Date: <u>5/27/07</u>		Station number: <u>146</u>			INITIALS: <u>HED</u>	
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	TIME (GMT): <u>07:25</u>
SCAN # <u>200</u>		COMMENTS: _____				
✓1	130					
✓2	130					
✓3	130					
✓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

EN435 McGillicuddy Cruise

depth: 127

Date: <u>5</u> / <u>27</u> / 07		Station number: <u>147</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	122			
✓ 2	122			
✓ 3	122			
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 0933

SCAN # 481

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

EN435 McGillicuddy Cruise

depth: 97

Date: <u>5 / 27 / 07</u>		Station number: <u>148</u>			INITIALS: <u>JPM</u>	
					TIME (GMT): <u>1059</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>553</u>	
✓ 1	92					
✓ 2	92					
✓ 3	92					
✓ 4	92					
✓ 5	50					
✓ 6	40					
✓ 7	30					
✓ 8	20					
✓ 9	10					
✓ 10	1					
✓ 11	1					
✓ 12	1				<i>delayed trip</i>	

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

EN435 McGillicuddy Cruise

depth: 82

Date: <u>5 / 27 / 07</u>		Station number: <u>149</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	75			
2	75			
3	75			
4	75			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

INITIALS: KWS

TIME (GMT): 12:20

SCAN # 360

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

EN435 McGillicuddy Cruise

depth: 63

Date: <u>5/27/07</u>		Station number: <u>150</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: K W S

TIME (GMT): 13:33

SCAN # 800

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

EN435 McGillicuddy Cruise

depth: 52

INITIALS:

2E W-S

TIME (GMT):

14:47

SCAN #

COMMENTS:

Date: 5 / 27/07		Station number: 151		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	40			
2	40			
3	40			
4	30			
5	30			
6	20			
7	20			
8	10			
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

EN435 McGillicuddy Cruise

Date: <u>5/27/07</u>		Station number: <u>152</u>			depth: <u>39m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>16:11</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>200</u>	
1	30				COMMENTS:	
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

EN435 McGillicuddy Cruise

Date: <u>5/27/07</u>		Station number: <u>153</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			

depth: 39m

INITIALS: HED

TIME (GMT): 17:35

SCAN # 265

COMMENTS:

didn't 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

EN435 McGillicuddy Cruise

Date: <u>5/27/07</u>	Station number: <u>154</u>
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depth: 33m
 INITIALS: HED
 TIME (GMT): 18:47
 SCAN # 265
 COMMENTS:

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	30 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

Farth's pump cast:
PAR sensor removed
dummy plug installed into
cable ∴ V3 = Ø

EN435 McGillicuddy Cruise

PUMP
STATION

depth. 33 m

Date: <u>5/27/07</u>	Station number: <u>154a</u>
----------------------	-----------------------------

INITIALS: HED

TIME (GMT): _____

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

SCAN # _____

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.

AIM for : 1 m
10 m
20 m

Actual
1.7 m
10 m
20 m

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5/27/07</u>		Station number: <u>155</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	35			
✓ 2	35			
✓ 3	35			
✓ 4	35			
✓ 5	35			
✓ 6	35			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

depth: 38m

INITIALS: JPM

TIME (GMT): 2107

SCAN # 793

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

before cast, set Niskin top on yard to position 22 instead of 23
 Δ Sea Bird SSW in table value: 23 to 22.

Small Volume Sample Log

EN435 McGillicuddy Cruise

depth: 203

INITIALS: JPM

TIME (GMT): 2216

SCAN # 600

COMMENTS:

Date: 5 / 27 / 07		Station number: 156			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	198				
✓ 2	198				
✓ 3	150				
✓ 4	100				
✓ 5	50				
✓ 6	40				
✓ 7	30				
✓ 8	20				
✓ 9	10				
✓ 10	1				
✓ 11	1				
✓ 12	1				didn't trip on first try.

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.

Restarted sensor,
CTD 156n.*

User input to trip
Niskin 12 on position 23

Niskin 12 lanyard was set on position 23 M. Swartz WHOI

In CTD 156n.* Niskin Firing Table, bottle 12 was set for position 22.

In CTD 156n.* Niskin Firing via 'User Input' fired position 23 * bottle 12 closed.

W

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>28</u> / 07		Station number: <u>157</u>			depth: <u>185 - 182</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>00:41</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>5</u> Sample	Nuts Box <u> </u> Sample	SCAN # <u> </u>	
1	175					
2	175		D1			
3	150		D7			
4	100		D3			
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

pre-Cast swapped carousel levels #23+24
Table driven firing is back to firing every odd #.

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5/28/07</u>		Station number: <u>158</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			

depth: 38
 INITIALS: KWS
 TIME (GMT): 02:07
 SCAN # _____
 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

EN435 McGillicuddy Cruise

Date: <u>5 / 28 / 07</u>		Station number: <u>159</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			

depth: 37 - 40 SW

INITIALS: RE WS

TIME (GMT): 03:1

SCAN # 241

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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>28</u> / 07		Station number: <u>168</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			

depth: 44m
 INITIALS: HED
 TIME (GMT): 04:19
 SCAN # 289
 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

EN435 McGillicuddy Cruise

depth: 41m

INITIALS: HED

TIME (GMT): 05:25

SCAN # 361

COMMENTS:

Date: 5 / ²⁸ 31 / 07		Station number: 161			
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	101				
✓ 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

EN435 McGillicuddy Cruise

Date: <u>5/28/07</u>		Station number: <u>162</u>			depth: <u>56m</u>	
					INITIALS: <u>HED</u>	
					TIME (GMT): <u>06:34</u>	
					SCAN # <u>385</u>	
					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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>28</u> / 07		Station number: <u>163</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓1	60			
✓2	60			
✓3	60			
✓4	60			
✓5	50			
✓6	40			
✓7	30			
✓8	20			
✓9	10			
✓10	1			
✓11	1			
✓12	1			

depth: 65 m
 INITIALS: HED
 TIME (GMT): 07:50
 SCAN # 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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>28</u> / 07		Station number: <u>164</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	66			
✓ 2	66			
✓ 3	66			
✓ 4	66			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

depth: 71m
 INITIALS: JPM
 TIME (GMT): 0917
 SCAN # 361
 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

EN435 McGillicuddy Cruise

Date: <u>5/28/07</u>		Station number: <u>165</u>			depth: <u>93</u>	
					INITIALS: <u>JPM</u>	
					TIME (GMT): <u>1057</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>289</u>	
✓ 1	88				COMMENTS:	
✓ 2	88					
✓ 3	88					
✓ 4	88					
✓ 5	50					
✓ 6	40					
✓ 7	36					
✓ 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

EN435 McGillicuddy Cruise

depth: 600-515

INITIALS: KVS

TIME (GMT): 12:25

SCAN#

COMMENTS:

Date: 5/28/07		Station number: 166			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box ^{D*} Sample	Nuts Box Sample	
1	250		D4		
2	200		D5		
3	150		D6		
4	100		D7		
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

precast - replace broken monofilament which connects top cap to internal tension spring - Niskin 3.

Small Volume Sample Log

EN435 McGillicuddy Cruise

depth: 330-380

INITIALS: KWS

TIME (GMT): 15:30

SCAN # 300

COMMENTS:

Date: 5/28/07		Station number: 167			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>D</u> Sample	Nuts Box Sample	
1	300		8		
2	200		9		
3	150		10		
4	100		11		
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

EN435 McGillicuddy Cruise

depth: 94m

INITIALS: HED

TIME (GMT): 17:15

SCAN # 265

COMMENTS:

Date: 5/28/07		Station number: 168			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓1	96				
✓2	90				
✓3	90				
✓4	90				
←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

EN435 McGillicuddy Cruise

depth: 93 m
 INITIALS: HED
 TIME (GMT): 18:35
 SCAN # 200
 COMMENTS: _____

Date: <u>5/28/07</u>		Station number: <u>169</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	
✓ 1	85				
✓ 2	85				
✓ 3	85				
✓ 4	85				
✓ 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

EN435 McGillicuddy Cruise

depth: 75

INITIALS: JPM

TIME (GMT): 2002

SCAN # 217

COMMENTS:

Date: 5 / 28 / 07		Station number: 170			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	70				
✓ 2	70				
✓ 3	70				
✓ 4	70				
✓ 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

note: highest fluorescence near bottom

Small Volume Sample Log

EN435 McGillicuddy Cruise

depth. 67

INITIALS: JPM

TIME (GMT): 2119

SCAN # 419

COMMENTS:

Date: 5/28/07		Station number: 171			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
60 1	✓				
60 2	✓				
60 3	✓				
60 4	✓				
50 5	✓				
40 6	✓				
30 7	✓				
20 8	✓				
10 9	✓				
1 10	✓				
1 11	✓				
1 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.

1st attempt aborted after software stopped at depth
M. Swartz WHOI
saying "Save Config to disk?" in popup

Small Volume Sample Log

EN435 McGillicuddy Cruise

depth: 62

INITIALS: JPM

TIME (GMT): 2234

SCAN # 265

COMMENTS:

Date: 5 / 28 / 07		Station number: 172			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	57				
✓ 2	57				
✓ 3	57				
✓ 4	57				
✓ 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

EN435 McGillicuddy Cruise

PUMP

depth: 63

For this pump cast:
PAR sensor removed & dummy plug
installed into cable to prevent
damage to sensor from pump hose
∴ VB = 0.

Date: <u>5/28/07</u>	Station number: <u>172a</u>
----------------------	-----------------------------

INITIALS: JPM

TIME (GMT): 2308

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

SCAN # —
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.

Pump @ 20m
10m
~2m

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

Date: <u>5 / 29 / 07</u>		Station number: <u>173</u>			depth: <u>61</u>	
					INITIALS: <u>KW S</u>	
					TIME (GMT): <u>01:07</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample	SCAN # _____	
1	50				COMMENTS: _____	
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.

ABUNDANT JELLY FISH

M. Swartz WHOI

Small Volume Sample Log

EN435 McGillicuddy Cruise

depth: 75-22

INITIALS: KWS

TIME (GMT): 02:21

SCAN #

COMMENTS:

Date: 5/29/07		Station number: 1741			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	65				
2	65				
3	65				
4	65				
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

EN435 McGillicuddy Cruise

depth: 208m

INITIALS: HED

TIME (GMT): 05:33

SCAN # 289

COMMENTS:

Date: 5/29/07		Station number: 175			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>D</u> Sample	Nuts Box Sample	
✓ 1	195				
✓ 2	195		12		
✓ 3	150		13		
✓ 4	100		14		
✓ 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

EN435 McGillicuddy Cruise

DEPTHS: 86 m

Date: <u>5</u> / <u>29</u> / <u>07</u>		Station number: <u>176</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	80			
✓ 2	80			
✓ 3	80			
✓ 4	80			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: HED

TIME (GMT): 06:50

SCAN # 289

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

EN435 McGillicuddy Cruise

DEPTH: 85

INITIALS: JPM

TIME (GMT): 0803

SCAN # 457

COMMENTS:

Date: 5 / 29 / 07		Station number: 177			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	80				
✓ 2	80				
✓ 3	80				
✓ 4	80				
✓ 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

EN435 McGillicuddy Cruise

DEPTH 91

INITIALS: JPM

TIME (GMT): 0928

SCAN # missed

COMMENTS:

Date: 5/29/07		Station number: 178		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	85			
✓ 2	85			
✓ 3	85			
✓ 4	85			
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 100

INITIALS: JPM

TIME (GMT): 1053

SCAN # missed

COMMENTS:

Date: 5/29/07		Station number: 179			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	95				
✓ 2	95				
✓ 3	95				
✓ 4	95				
✓ 5	50				
✓ 6	46				
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 99

INITIALS: JPM

TIME (GMT): 2337

SCAN # ~400

COMMENTS:

Date: 5 / 29 / 07		Station number: 180		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	94			
✓ 2	94			
✓ 3	94			
✓ 4	94			
✓ 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

EN435 McGillicuddy Cruise

DEPTH 70

INITIALS: REW 5

TIME (GMT): 01:50

SCAN # 330

COMMENTS:

Date: <u>5/30/07</u>		Station number: <u>181</u>				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		
1	60					
2	60					
3	60					
4	60					
5	50					
6	40					
7	30					
8	20					
9	10					
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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>30</u> / 07		Station number: <u>182</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			

DEPTH 60-50

INITIALS: HWG

TIME (GMT): 02:18

SCAN # _____

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

EN435 McGillicuddy Cruise

Date: <u>5 / 30 / 07</u>		Station number: <u>183</u>			DEPTH 753 <u>56</u>	
					INITIALS: <u>KWS</u>	
					TIME (GMT): <u>03:31</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # _____	
1	40				COMMENTS:	
2	40					
3	40					
4	40					
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

EN435 McGillicuddy Cruise

DEPTH 69m
 INITIALS: HED
 TIME (GMT): 04:30
 SCAN # 100
 COMMENTS:

Date: <u>5/30/07</u>		Station number: <u>184</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
✓ 1	63			
✓ 2	63			
✓ 3	63			
✓ 4	63			
✓ 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

EN435 McGillicuddy Cruise

5/30

PUMP STA.

DEPTH: 65m

Date: 5/29/07 Station number: 184a

INITIALS: HEP

TIME (GMT): 05:25

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

SCAN # 100

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.

Depths Ann
1m
10m
20m
50m

M. Swartz WHOI
Actual Depths
2.5m
16m
20m
50m

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 97m

5/30

Date: 5/27 5/30/07		Station number: 185			INITIALS: AED	
					TIME (GMT): 07:44	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 313	
✓ 1	90				COMMENTS:	
✓ 2	90					
✓ 3	90					
✓ 4	90					
✓ 5	50					
✓ 6	30 40					
✓ 7	20 30					
✓ 8	10 20					
✓ 9	0 10					
10	0 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

EN435 McGillicuddy Cruise

DEPTH: 146

Date: <u>5/20/07</u>		Station number: <u>186</u>			INITIALS: <u>JPM</u>	
					TIME (GMT): <u>0902</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>361</u>	
✓ 1	141					
✓ 2	141					
✓ 3	141					
✓ 4	160					
✓ 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

EN435 McGillicuddy Cruise

DEPTH: > 450

Date: <u>5/30/07</u>		Station number: <u>107</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>1</u> Sample	Nuts Box <u> </u> Sample
✓ 1	250		15	
✓ 2	200		16	
✓ 3	150		17	
✓ 4	100			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 1112

SCAN # missed

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

off shelf station in > 1000m

Small Volume Sample Log

EN435 McGillicuddy Cruise

DEPTH: 130-122

INITIALS: JSW S

TIME (GMT): 13:24

SCAN # 433

COMMENTS:

Date: <u>5/31/07</u>		Station number: <u>188</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	110			
2	110			
3	110			
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

EN435 McGillicuddy Cruise

Date: <u>5/30/07</u>		Station number: <u>189</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	75			
2	75			
3	75			
4	75			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

DEPTH: 88
 INITIALS: JW S
 TIME (GMT): 14:38
 SCAN#
 COMMENTS:

Closed at 13222m at cast
25. ON DOWN CAST

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

EN435 McGillicuddy Cruise

DEPTH: 75

INITIALS: JKW

TIME (GMT): 15:53

SCAN# 193

COMMENTS:

Date: <u>5</u> / <u>30</u> / <u>07</u>		Station number: <u>190</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	65				
2	65				
3	65				
4	65				
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

EN435 McGillicuddy Cruise

5/30

Date: 5/29 /07		Station number: <u>191</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
1	62			
2	62			
3	62			
4	62			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

DEPTH: 68m

INITIALS: HED

TIME (GMT): 17:04

SCAN # ~~700~~ 500

COMMENTS:

cast: lengthened bottom cap lanyard w/ a tie wrap

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

EN435 McGillicuddy Cruise

5/30

DEPTH: 61 m

Date: <u>5/30/07</u>		Station number: <u>192</u>			INITIALS: <u>HED</u>	
					TIME (GMT): <u>18:23</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # <u>337</u> 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	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

EN435 McGillicuddy Cruise

DEPTH: 48

INITIALS: JPM

TIME (GMT): 2054

SCAN # ~400
COMMENTS:

Date: 5 / 30 / 07		Station number: 193			
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				

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

EN435 McGillicuddy Cruise

DEPTH: 65

Date: 5/30/07 Station number: 194

INITIALS: JPM

TIME (GMT): 2206

Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
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SCAN # 289

COMMENTS:

✓ 1	60					
✓ 2	60					
✓ 3	60					
✓ 4	60					
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 70

Date: 5 / 30 / 07		Station number: 195		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	65			
✓ 2	65			
✓ 3	65			
✓ 4	65			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
12	1			

INITIALS: JPM

TIME (GMT): 2324

SCAN # ~ 500

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

EN435 McGillicuddy Cruise

Date: <u>5/31/07</u>		Station number: <u>196</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	70			
2	70			
3	70			
4	70			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

DEPTH: 78
 INITIALS: HEWS
 TIME (GMT): 00:20
 SCAN # 169
 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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>31</u> / 07		Station number: <u>197</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _____ Sample	Nuts Box _____ Sample
1	80			
2	80			
3	80			
4	80			
5	50			
6	40			
7	30			
8	20			
9	10			
10	1			
11	1			
12	1			

DEPTH: 90

INITIALS: XWS

TIME (GMT): 01:24

SCAN # 300

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

EN435 McGillicuddy Cruise

DEPTH: 97

INITIALS: JWS

TIME (GMT): 02:12

SCAN # 500

COMMENTS:

Date: 5/31/07		Station number: 198			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
1	90				
2	90				
3	90				
4	90				
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

EN435 McGillicuddy Cruise

DEPTH: 119m

INITIALS: HED

TIME (GMT): 06:33

SCAN # 200

COMMENTS:

Date: 5/31/07		Station number: 199		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	112			
✓ 2	112			
✓ 3	112			
✓ 4	71080			
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 95

INITIALS: JPM

TIME (GMT): 0800

SCAN # 217

COMMENTS:

Date: 5/31/07		Station number: 200			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	90				
✓ 2	90				
✓ 3	90				
✓ 4	90				
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 71

INITIALS: JPM

TIME (GMT): 0919

SCAN # missed

COMMENTS:

Date: 5 / 31 / 07		Station number: 201			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	
✓ 1	66				
✓ 2	66				
✓ 3	66				
✓ 4	66				
✓ 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

EN435 McGillicuddy Cruise

DEPTH: 59

Date: 5 / 31 / 07		Station number: 202		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample
✓ 1	53			
✓ 2	53			
✓ 3	53			
✓ 4	53			
✓ 5	50			
✓ 6	40			
✓ 7	30			
✓ 8	20			
✓ 9	10			
✓ 10	1			
✓ 11	1			
✓ 12	1			

INITIALS: JPM

TIME (GMT): 1032

SCAN # 409

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

EN435 McGillicuddy Cruise

DEPTH: 54

INITIALS: JPM

TIME (GMT): 11:42

SCAN # ~450

COMMENTS:

Date: 5 / 31 / 07		Station number: 203			
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

EN435 McGillicuddy Cruise

Date: <u>5</u> / <u>31</u> /07		Station number: <u>204</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			

DEPTH: 43
 INITIALS: DE WS
 TIME (GMT): 12:56
 SCAN # 288
 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

EN435 McGillicuddy Cruise

Date: ____/____/07	Station number: <u>205</u>
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DEPTH: 35
INITIALS: WWS

TIME (GMT): 14:05

SCAN # 450
COMMENTS:

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