# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	/ <u>31</u> /07	Station no	umber: <u>00</u>	<u>!</u>	INITIALS: <u>JCP</u> TIME (GMT): <u>1834</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>36 m</u> SCAN #: <u>145</u> COMMENTS:
/ 1 / 2	30 30		20.00		Pump hose connected  CTD data suspect
V 3	30				
V 5	30 30				
V 8					
√10 √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.

### **EN437 McGillicuddy Cruise**

Date: 💪	<u>  2/  </u> 07	Station number:			INITIALS: RMR TIME (GMT): 19.59
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 43.6 M SCAN #: 1450 COMMENTS:
1/ <sub>1</sub>	30 30				
i/ 3	30 30				
<u> </u>	30				
√ 6 √ 7	30				
i/ 8 1/9	20 10				
V 1,0					
1/2	ì	<u> </u>			

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>/21 /07</u>	Station number: <u>oo3</u>			INITIALS: 3PW TIME (GMT): 21:20 DEPTH: 54.25
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 54.25 SCAN #: 121 COMMENTS:
V 1	40				
<b>√</b> <sub>3</sub>	40				
5	40				
<b>√</b> 6	40.				
√ 8   √ 9		4			Niskindidn't trip until ondeck
✓ <sub>10</sub> ✓ <sub>11</sub>	7				70 15 2 20 11 7 1 10 2 10 11 11
V <sub>12</sub>					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>/ <b>21</b></u> /07	Station number: 004			TIME (GMT): 23'00		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 58 SCAN #: 145 COMMENTS:		
V <sub>1</sub>	<i>50</i>						
3	50						
V 4	50 50						
6	40 30						
8	20						
✓ 9 ✓ 10							
V <sub>11</sub>	<u> </u>						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	/31/07 73	Station nu	ımber: <u>O</u>	<u>) 5</u>	TIME (GMT): 7/100
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 71 m SCAN #: COMMENTS:
1/2	<i>50</i>				
) 3 V A	50 50				
V 5	140				
V 7	30				
10	10				
1/11					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	12/07	Station n	umber: <u>()</u>	06	INITIALS: <u>JCP</u> TIME (GMT): <u>0/:53</u> DEPTH: 94
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>94</u>
Bottle	Pressure	Quality	Box	Box	SCAN #:
No.	DBars	Flag	Sample	Sample	COMMENTS:
V <sub>1</sub>	84			<u> </u>	
<b>V</b> 2	48				
V 3	84				
V 4	84				
V <sub>5</sub>	50				
1/6	40				
_ √ 7	30				
V 8	20		•		
V 9	10				
10	1				
1/11	1				
V 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.

# **EN437 McGillicuddy Cruise**

	/ <del>/</del> /07 73 Bottle	Station no	umber: <u>00</u>		TIME (GMT): 312
Sample Bottle	Pressure	Quality	Box	Nuts Box	DEPTH: />> SCAN #: /
No.	DBars	Flag	Sample	Sample	COMMENTS:
1/1	1/0			_	
V/2	1/0				
V 3	110				
V_4	100				
$\nu_{_{,5}}$	50				
1/6	40				
1/ 7	30				
V_8	90				
V 9	10				
$V_{10}$	1				
V 11	7				
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.

### **EN437 McGillicuddy Cruise**

Date: 6	/ <u>~</u> /07	Station number: <u>00</u> 8  Bottle Salt Nuts			INITIALS: RMA  TIME (GMT): 7:5-3  DEPTH: 88m
Bottle	Pressure	Quality	Вох	Box	SCAN #: <u>24/</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
1/1	184 78				
V 2	5078			<u> </u>	
	क्र १६				
<b>1</b> ∕ 4	4578				
<b>1</b> /5	50				
<u>6</u>	40				
1/7	36				
√ 8	<b>5</b> 20				
/ 9	L .				
<b>√</b> 10	1				
1/11	j				
<b>V</b> <sub>12</sub>	j				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	<u> </u>	Station number: <u>669</u>			INITIALS: 12W  TIME (GMT): 6905  DEPTH: 78  SCAN #: 12L  COMMENTS:
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 78 SCAN #: 121 COMMENTS:
V 1	68 68	-			
V <sub>3</sub>	68				
V <sub>4</sub> V <sub>5</sub>	68 50				
6	مادا				
8	20				
V 9	10				
11	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.

# **EN437 McGillicuddy Cruise**

Bottle   Pressure   Quality   Box     Box     SCAN #:   COMMENTS:      1	INITIALS: 10:12 DEPTH: 68			10	umber: <u>O /</u>	_/ <b>22</b> /07	Date: <u>6</u>		
V2       58         V3       58         V4       58         V5       50         V6       40         V7       30         V8       20		68 169	l#: _	SCAN	Box	Вох	Quality	Pressure	Bottle
V3     58       V4     58       V5     50       V6     40       V7     30       V8     20									V 1
V4     58       V5     50       V6     40       V7     30       V8     20								1	
V 6 40 V 7 30 V 8 20									\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
V 7 30 V 8 20								50	✓ <sub>5</sub>
V 8 20									
. 0							<u> </u>		<u> </u>
			•						V 9
V 10 /									
V <sub>11</sub> !								1	V 11

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	<u>,22</u> ,07	Station number: 6//			TIME (GMT): 11:38		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 65 SCAN #: 169 COMMENTS:		
V 1	55 55						
V 2	10						
4	55						
5	50 40						
V 6	30		<u> </u>				
V 8							
<ul><li>✓ 9</li><li>✓ 10</li></ul>							
10	1						
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	<u> </u>	Station number: 0/2			INITIALS: <u>JCP</u> TIME (GMT): <u>173 13:0</u> ; DEPTH: <u>48</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 48 SCAN #: 100 COMMENTS:		
V 1	40						
3	40 40						
1/6	40						
7	30						
V 8 V 9	10						
V 10							

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 22/07 Station number: 013			INITIALS: <u>RMR</u> TIME (GMT): <u>15-: 5-4</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>53.7 M</u> SCAN #: <u>こり</u> COMMENTS:	
<u> </u>	8645					
V 2	90 45					
<b>√</b> 3	58 45					
V 4	BW 40					
<b>i</b> ∕ 5	50 45					
<b>√</b> 6	40					
17	30					
8	20					
<b>V</b> 9	10					
i/10	, I					
V 11	1					
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.

# **EN437 McGillicuddy Cruise**

Date: <u>(</u> / 73	Date: ( / 22/07   Station number: 0/4		INITIALS: <u>RMR</u> TIME (GMT): <u>17:08</u>		
Sample	Bottle	Bottle	Sait	Nuts	DEPTH: <u>76 M</u> SCAN #: <u>433</u>
Bottle	Pressure	Quality	Box		SCAN #: 433
No.	DBars	Flag	Sample	Sample	COMMENTS:
1	66				
V 2	66				
J 3	66				
L-4	66				
V 5					
i/ 6	40				
<i>V</i> 7	30				
2/8	zo				
V 9	10				
V 10	¥				
1/11	,				
1/12	ı				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 22/07 Station number: 0/5			INITIALS: <u>PMR</u> TIME (GMT): <u>18:16</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 75.6m SCAN #: 457 COMMENTS:	
1/2						
<ul> <li>✓ 3</li> <li>✓ 4</li> </ul>	66 66					
<i>i</i> 5	90					
V 6	30					
1/8 1/9	10 20	/				
√10	,				·	
V12	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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u> ノフ	_/ <u> </u>	Station number: 0/6			INITIALS: RMR TIME (GMT): 19:35		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 19:35  DEPTH: 88 m  SCAN #: 409  COMMENTS:		
;/1 ;/2	75 78						
1/3 1/4							
5	50						
/ 7	70 70						
10	10						
11 12	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.

#### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	/ <b>2Z</b> /07	Station r	number: ol	7	INITIALS: 17W  TIME (GMT): 20:57  DEPTH: 120  SCAN #: 409
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 120 SCAN #: 409 COMMENTS:
V 1	110				
<u>2</u>	110				
V 4	50				
<b>✓</b> 6	40				
V 7	30				
9	+				
✓ 10 ✓ 11					
V <sub>12</sub>					

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

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

blank = not reported.

M. Swartz WHOI

original raw data files were named CTD \$\phi 17. \*
Tenamen them to CTD \$\phi 17. \* tenel than processed
them under CTD \$\phi 17. \* Heacher files will have
CTD \$\phi 017. \* in these files.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	Date: 6 / 33/07 Statio		number: O	18	INITIALS: JCP  TIME (GMT): 174 60:00  DEPTH: 145  SCAN #: 49  COMMENTS:	
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>145</u>	
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 4.9 COMMENTS:	
1	135	J		•		
1/2	172					
V 3	135					
V 4	100					
1/5	50				·	
√ <sub>6</sub>	40					
7	30					
V 8						
√ <sub>9</sub>	10					
1/10	,					
1/11	1					
V 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.

# **EN437 McGillicuddy Cruise**

_	<del></del>		1			1 INITIALS: $\mathcal{I}CP$
	Date: <u>6</u>		Station nu	mber: O	9	TIME (GMT): 174 1:30
	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>97 m</u> SCAN #: <u>49</u> COMMENTS:
V	86+				oup.io	O MARIENTO.
V	86 2					
1	863			<u> </u>		
1	50 4 50 5					
V	40 6					
V	30 <sub>7</sub>					
V 1/	10 9					
V	10 g					
√	11					
V	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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>/ 22</u> /07	Station number: 030			INITIALS: <u>JCP</u> TIME (GMT): 174 2:50		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 67 SCAN #: 49 COMMENTS:		
$\frac{V}{V}_{2}$	57 57						
V 3  √ A	57 57						
V 5	50						
7 7 8	30						
V 9	10						
V 10							
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 23 /07 Station number: <u>02/</u>			TIME (GMT): 4:17	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 54 M SCAN #: 193 COMMENTS:
√1 √2	44				
V 3	44				
1/5					
·/ 6	38				
1/8	20				
1/10					
V11 V12	\				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	<u>/ 23</u> /07	/07 Station number: <u> </u>			INITIALS: RMR TIME (GMT): 5:32		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>56 m</u> SCAN #: <u>337</u> COMMENTS:		
1	46						
V 2	46						
✓ 3	46						
V 4	46				2		
1/5	46						
6	40						
<b>√</b> 7	30						
/ 8	20						
/ 9	V2 10						
10	6 1						
11	1						
12	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.

### **EN437 McGillicuddy Cruise**

Date: <u>1 /2 5 /</u> 07 Station number: <u>623</u>			INITIALS: RMK TIME (GMT): 6:4 C		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 6:4 c  DEPTH: 6Jm  SCAN #: 337  COMMENTS:
V 1	58				
1/2	58				
1/3	58				
1/4	58				
i/5	50				
(A)	40				
<i>i</i> / <sub>7</sub>	30				
<i>i</i> /8	20			·	
1/9	10				
10سن	j				
<u>11</u>	1				
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.

### **EN437 McGillicuddy Cruise**

Date: <u>6 / 23 /</u> 07		Station number: 인간 4			INITIALS: JPW TIME (GMT): 07:56 DEPTH: 99
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>99</u> SCAN #: <u>169</u> COMMENTS:
V 1	89		:		
V 3	89				
V 5	50				
7	30				
8	10				
10	, ,				
11	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.

### **EN437 McGillicuddy Cruise**

Date: 6 /23/07		Station n	umber: 💍	<u> 25</u>	INITIALS: 11:01		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>147</u> SCAN #: <u>145</u> COMMENTS:		
V 1	137				O STATE OF THE PARTY OF THE PAR		
V 2	137						
√ 3	137						
V 4	100						
√ 5	50						
6							
V 7	30						
V 8	20						
V 9	10	:					
V 10	1						
V 11	1						
V 12	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.

### **EN437 McGillicuddy Cruise**

-	Date: 6	<u>/23</u> /07	Station number: <u>026</u>			INITIALS: <u>JCP</u> TIME (GMT): <u>174 13:35</u>			
	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 86 SCAN #: 49 COMMENTS:			
1/	76 t	<b>→</b>							
1	76 3								
V V	50 <sub>5</sub>								
V 1/	40 6 30 7								
	30 8								
V V	0 9   10								
V	/ 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.

### **EN437 McGillicuddy Cruise**

Date: 6	<u> 123</u> /07	Station number: 027			INITIALS: JCP TIME (GMT)? 13:33	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 53 SCAN #: 163 COMMENTS:	
V 1	40					
V 3	40					
V 5 V 6	40					
V 7 8	30					
1/9 1/10	10					
1/ <sub>11</sub> 1/ <sub>12</sub>						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 03 /07 Station number: 0			INITIALS: <u>JCP</u> TIME (GMT): <u>14:33</u> DEPTH: <u>45</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN COMI		49
1/2	40 40						
3	40						
1/5	40						
$V_{6}$	30						
V 8	20 10						
V 10	1						
V 12						<del></del>	

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	<u>/23</u> /07	Station no	umber:	29	INITIALS: <u>JCP</u> TIME (GMT): <u>174 15.37</u> DEPTH: 44		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>44</u> SCAN #: <u>49</u> COMMENTS:		
V 1							
$\frac{\sqrt{3}}{\sqrt{4}}$	30						
V 5	7.6						
V 7	<del></del>						
1/10	10						
V 12	)	<u> </u>					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6	03。 - <u>6 / 23 /</u> 07 Station number: <u>0分</u>		INITIALS:		
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 58 M
Bottle	Pressure	Quality	Box	Box	SCAN #:
No.	DBars	Flag	Sample	Sample	COMMENTS:
1	45				
1.2	48				
1/3	48	:			
V 4	48				
, /5	45				
1/6					
1/7	30			-	
√ <sub>8</sub>	2 ه			·	
1/9	10				
10	1				
7/11	1				
V 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.

### **EN437 McGillicuddy Cruise**

Date: کے	_/ <del>~3</del> _/07	Station number: 03/			INITIALS: KMR TIME (GMT): 18:07
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 77m SCAN #: /( 5 COMMENTS:
V 1 V 2	/ 5				
√3 √A	67				
5 V 6	50				
/ <sub>7</sub>	30				
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.

### **EN437 McGillicuddy Cruise**

Date: 6	Z3 <sub>/07</sub>	Station number: 632			INITIALS: 1PW  TIME (GMT): 21:10  DEPTH: 90  SCAN #: 193  COMMENTS:
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 90 SCAN #: 193 COMMENTS:
V 1	80				·
V 2	80				
V 3	80				
V 4	80				
<b>✓</b> 5	50				
V 6	40				
V 7	30				
V 8	20			·	
<b>✓</b> 9	10				
V 10	l.				
V <sub>11</sub>	1				
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 23/07 Station number: 033			INITIALS: 4PW  TIME (GMT): 22:25  DEPTH: 145			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>145</u> SCAN #: <u>169</u> COMMENTS:		
V 1	135						
✓ <sub>3</sub>	135						
V 5	50 40						
V 7	30						
V 9	10						
V <sub>10</sub>	l						
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.

### **EN437 McGillicuddy Cruise**

Date: 6	J <u>23</u> 107	Station n	umber: <u>6</u> 2	3 <u>4</u>	INITIALS: <u>JCP</u> TIME (GMT): ) 75 0/10
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): ) 75 O/ 10  DEPTH: 134  SCAN #: 49  COMMENTS:
V 1	124				
V <sub>3</sub>	124				
1/5 1/6	50 40				
V 7	30 30				
V 9	10 1				
1 12	<u> </u> 				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: <b>6</b> / <b>3</b> /07		Station nu	ımber: <u>0</u> 3	<u> </u>	TIME (GMT): 175 02:36  DEPTH: 96	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>46</u> SCAN #: <u>49</u> COMMENTS:	
V 1	86					
/ 3	86					
V <sub>5</sub>	50					
V 6	30					
V 8	20 10					
1/10	)					
V 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.

### **EN437 McGillicuddy Cruise**

Date: 6		Station number: <u>036</u>			INITIALS: RMK  TIME (GMT): Y:0Z  DEPTH: 82M
Sample Bottle	Bottle	Bottle	Salt	Nuts	DEPTH: <u>324</u> SCAN#: <u>433</u>
No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: <u>433</u> COMMENTS:
V 1	フス				
√ 2	72				
i√ 3	72				
V 4	72				
5	50				
<b>√</b> 6	цо				
1	<b>ე</b> 0	-			
√8	20				
√9	\$ io				
_ ✓ 10	١				
√ 11	١				
V 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.

#### **EN437 McGillicuddy Cruise**

Date: 6	/ <u>74</u> /07	Station number: <u> </u>			INITIALS: KMR TIME (GMT): 5:25		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 5:25  DEPTH: 699  SCAN #: 717  COMMENTS:		
V 1	54 54						
1/3	54						
×4 i 5	5-4 5-0						
√6 √7	46 30						
1/8		_					
/ <sub>9</sub>							
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.

### **EN437 McGillicuddy Cruise**

Date: 4	1 <sup>24</sup> /07	Station number: <u>03</u> 身			INITIALS: <u>RMR</u> TIME (GMT): <u>6:41</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT):
V 1	42				
√ 3	42				
V 5	(Ja				
./9	20				
V10 V11	1				
1/2	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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u> 24</u>  07 75	Station number: <u>039</u>			INITIALS: <u>RMR</u> TIME (GMT): <u>7:5-0</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 35 m SCAN #: /3 £ COMMENTS:
1/2	25				
$\sqrt{\frac{2}{3}}$	25				
√ 4 √ 5	<del>                                     </del>				
6	25°				
/8					
10					
/11					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u> 124</u> 107	Station number: <u>640</u>			INITIALS: j) リーニー TIME (GMT): 9:09	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 40 SCAN #: 21 COMMENTS:	
V 1	30	i iug	Campio	Gampio	O MINIETY O.	
V 2	30					
V 3	30					
V 4	30					
V 5	30					
√ 6	30					
<b>✓</b> 7	30		<u> </u>	·		
V 8	20					
√ 9	10					
V 10	1					
11	1					
12	١					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u> 124</u> 107	Station n	umber: <u>4/</u>		TIME (GMT): 10:18' DEPTH: 33
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 33 SCAN #: 145 COMMENTS:
V 1	20				
✓ <sub>2</sub>	20				
V 3	20				
✓ 4	20				
V 5	20				
V 6	20				
7	20			·	
V 8	20				
V 9	10				
10	1				
V 11	1				
V 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.

### **EN437 McGillicuddy Cruise**

Date: 6	124107	Station number: 42			INITIALS: JAW TIME (GMT): 11:29		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 37 SCAN #: 217 COMMENTS:		
V <sub>1</sub>	30						
<b>1</b>							
V 4	30						
	30	:					
$V_6$	30						
V 8	20						
<ul><li>✓ 9</li><li>✓ 10</li></ul>							
11			1				
V 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.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>/24</u> /07	Station n	umber: _ <i>O</i> {	/3_	INITIALS: JCP TIME (GMT): 175 1254	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 175 13547  DEPTH: 303  SCAN #: 49  COMMENTS:	
1   V 2	190					
√ 3 √ 4	150					
V 5	50 40					
V 7	30 20					
V_9 V_10	10					
10 10 10 10 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.

## **EN437 McGillicuddy Cruise**

Date: 6	J24107	Station nu	ımber: <u>Ø</u>	44	INITIALS: <u>JCP</u> TIME (GMT): <u>[75   5:04</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Sait Box Sample	Nuts Box Sample	DEPTH: 42 SCAN #: 49 COMMENTS:
V 2	172				
V 3	<i>150</i>				
1/5	<i>50</i>				
V 7 8	30 20				
V 9	1	3			Small leak at bottom sear
V 11					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>/</u> 24_/07	Station r	number: <u>(</u>	45	INITIALS: <u>FMR</u> TIME (GMT): <u>16:25</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 37 M SCAN #: /Z/ COMMENTS:
1/2	27 27				
$\sqrt{3}$					
1/4 1/5	27 27				
V6					
$\frac{\sqrt{7}}{\sqrt{8}}$	27 120				
<u>/9</u> 1/10	10				
<u> </u>	)				
<u>i/12</u>	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.

### **EN437 McGillicuddy Cruise**

Date: <u> </u>		Station number: 046			INITIALS: <u>RMR</u> TIME (GMT): <u>17:34</u>
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 400 37m
Bottle	Pressure	Quality	Box	Box	SCAN #: <u>5-05</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
·/1	17027				
1/2	30 27				
1/3	3027				
V 4	en o				
<b>√</b> 5	2> 4				
<b>√</b> 6	2)42/10				
1/7	2) 4/1			-	
i∕ 8	3027				
i/9	_				
10	10				Short changed the Im
1/11	- 1				Short changed the Im Samples only 2
12	.j				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: <u></u>	_/ <u>~~4</u> _/07	Station n	number: <u>Oʻ</u>	47	INITIALS: <u>RMR</u> TIME (GMT): <u>18:50</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: (45 m) SCAN #: (53 COMMENTS:		
35 1 35 2							
35~ 3 35~ 4							
35° 5							
30 7 V Zd 8							
10 9 \ 10							
1 11							

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>, 24</u> , <sub>07</sub>	Station number: 48			INITIALS: # 20:03  TIME (GMT): 20:03  DEPTH: 43		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 43 SCAN #: 97 COMMENTS:		
1	35						
2	70	ļ					
√ 3     √ 4	35						
V 5	20						
V <sub>6</sub>	<del> </del>						
7	30						
8	20						
<ul><li>✓ 9</li><li>✓ 10</li></ul>							
V <sub>11</sub>	İ						
12	ł						

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date:	_/ <b>24</b> _/07	Station n	umber: 💇	19	INITIALS: 170 TIME (GMT): 21:24		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 21:24  DEPTH: 58  SCAN #: 193  COMMENTS:		
V 1	50						
✓ 2 ✓ 3							
V 4	50						
5 ~ V 6	4_						
7	30				· ·		
8							
10							
11	1						
V 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.

## **EN437 McGillicuddy Cruise**

Date: 4	<u>/24</u> /07	Station number: <u>050</u>			INITIALS: 123: 36
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 67
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 121 COMMENTS:
V 1	57				
V 2	57				
<b>✓</b> 3	57				
V 4	57				
V 5	50				
6	40				
V 7	30			·	
<b>√</b> 8	20				
V 9	10				possibly leaking
レ <sub>10</sub>	1				passibly leaking
V 11	1				, ,
V 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.

### **EN437 McGillicuddy Cruise**

'41° 02.346' N 66° 54,400' E actual coordinates of cast (21.7 nm off)

Date: 6	<u>, 24</u> , <sub>107</sub>	Station nu	ımber: O	51	INITIALS: <u>JCP</u> TIME (GMT): 176 1,51 DEPTH: 75
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 75 SCAN #: 49 COMMENTS:
$\frac{\sqrt{1}}{\sqrt{2}}$	65 65				
V 4	65 65				
V 5	1/2				
V 7	30 20	7			
V 9	10	3			very small bottom teat
V 11					

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

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

blank = not reported.

051a is the pumping station M. Swartz WHOI

## **EN437 McGillicuddy Cruise**

Date: <u>6</u>	1 <u>24</u> 107	Station number: <u>052</u>			INITIALS: <u>JCP</u> TIME (GMT): <u>J76 2:51</u> DEPTH: <u>93</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 43 SCAN #: 49 COMMENTS:		
V 1	83 83						
$\frac{\sqrt{3}}{\sqrt{\lambda}}$	83 83						
V 5	50 40						
V 7		<u> </u>					
10	10						
11							

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Secondary DO valves increased drastically during down cast. Membrane probably personated.

_	Date: <u>/</u> /7	<u>/ 35</u> /07	Station number: <u>053</u>		<u> </u>	INITIALS: RMR TIME (GMT): 4:07
,	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:
1570	<b>250</b> 2					30 m from the
1570 1200 1500 150	750 3 780 4					bottom
160	5 5 5 5					
130 130	30 7					
130	20 8 20 9					
1/0 1/0	\$ 10 \(\frac{1}{1}\)1					
V	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.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>/ 2<sup>5-</sup>/</u> 07 <b>7</b> 6	Station nu	ımber: <u>0</u> 5	<u>-4</u>	INITIALS: RMM TIME (GMT): 7:54
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>36/ m</u> SCAN #: /9/ COMMENTS:
1250 1 1200 2	250 200				
150 3 100 4	, <u></u>				
√50 5 √60 6	.,				
√30 7 √20 8	-				
40 9 4 10					
/ <sub>1 11</sub>	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.

### **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 25/07   Station number: 055			INITIALS: 3/20  TIME (GMT): 9:22  DEPTH: 96  SCAN #: 145		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 96 SCAN #: 145 COMMENTS:	
V 1	86					
V 2						
3	1					
V 4	86					
V 5	<del> </del>					
V 6		<u> </u>				
7	30					
8						
9	10					
10	<i>J</i>	ļ				
11	<u> </u>	ļ				
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.

# **EN437 McGillicuddy Cruise**

Date: <u></u>	<u>, 25 /07</u>	Station number: 056			INITIALS: 4,500		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 73 SCÁN #: 193 COMMENTS:		
V 1	83 83	:					
3	83 83						
5	50						
7	30						
8	17)						
10 V 11							
12	ting special						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

					1 INITIALS: JCP
Date: <u>6</u>	_/		57		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 176 11:57  DEPTH: 75  SCAN #: 73  COMMENTS:
V_1	65				
V 2	65				
3	65				
$V_4$	65				
V 5	50				
V <sub>6</sub>					
V 7	30				
V 8	20				
V 9	10				
10	1				
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.

## **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>,25,07</u>	Station number: 058			INITIALS: <u>JCP</u> TIME (GMT): <u>176_13:10</u> DEPTH: <u>69</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Sait Box Sample	Nuts Box Sample	DEPTH: <u>69</u> SCAN #: <u>49</u> COMMENTS:	
1/1	58 58					
V 3	58 58					
1/5	50 40					
V 7	30					
V 9	10					
V 10	1	3				
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.

### **EN437 McGillicuddy Cruise**

Date: 6	_/ <u>25</u> /07	Station number: <u>059</u>			INITIALS: <u>JCP</u> TIME (GMT): <u>176 14:27</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 62 SCAN #: COMMENTS:		
$\frac{\sqrt{1}}{\sqrt{2}}$	<i>50 50</i>						
V 3	7-0						
V 5	50						
V 7	30						
V 8 V 9	10						
$V_{10}$	1	3					
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.

# **EN437 McGillicuddy Cruise**

Date: 💪	Date: 6/35/07 Station number: 060			INITIALS: <u>JCP</u> TIME (GMT): <u>176</u> 15;44  DEPTH: <u>64</u> SCAN #: 49	
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>64</u>
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 49 COMMENTS:
1/1	50	9			
1/2					
V_3					
1/4	7		İ		
V 5					
$V_6$					
VI	30				
1/8	20			·	
V 9	10				
1/10	1				
11	Ì				
V 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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	_/ <u>35</u> _/07	Station n	umber:	61	INITIALS: TIME (GMT):	RMR 19:35	
Sample Bottle Ņo.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:	78 m 313	
V 67 1	)						
V 67 3							
40 6							
30 7							
1 10							
1 11							

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 6	<u>, 25</u> , <sub>07</sub>	Station number: <u>662</u>			INITIALS: <b>1FW</b> TIME (GMT): 22:39		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 2/0 SCAN #: (45 COMMENTS:		
V 1	200						
V 2	200						
✓ 3	150						
4	100						
<b>V</b> 5	50						
V 6	40						
V 7	30						
V_8	20						
<b>/</b> 9	lO						
V <sub>10</sub>	l						
V <sub>11</sub>	ı						
V 12	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.

## **EN437 McGillicuddy Cruise**

					1 INITIALS: TC $ ho$	
Date: <u>6</u>	_/ <u>25</u> /07	Station n	umber: <u>0 (</u>	3	TIME (GMT): 176 - 33:58 17	フ
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>88</u> O( SCAN #: <u>49</u> COMMENTS:	5:48
V 1 V 2	78					
V 3	78					
V 5	50					
V 7	<i>30</i>					
V 10	10	3				
1/11						

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>/ <b>25</b> /</u> 07	Station n	Station number: 064		INITIALS: <u>JCP</u> TIME (GMT): <u>177 2:60</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 83 SCAN #: 79 COMMENTS:		
V 1 V 2	73 73						
V_3	73 73						
1/5	50 40						
V 7 V 8							
V 9	10						
V 11 V 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.

## **EN437 McGillicuddy Cruise**

Date: <u>6</u>	125/07	Station number: <u>065</u>			INITIA TIME (		JCF 177	03;00
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTI SCAN	H:	90 49	
V 1	80 80							
V 3	80							
1/ 5 1/ <sub>6</sub>	50 40		:					
V 7	<i>30</i>							
1/9 V_10								
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.

## **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>/ 20 /</u> 07  77	Station number: <u>D66</u>			ļ	TIME (GMT): 4.12  DEPTH: 95-14		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN COMM		9614 97	
1/2	88 88					<u></u>		
V 3	88							
1/5	FF 50							
V <sub>6</sub>	40 30							
1/8	<del></del>			·				
1/9								
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.

EN437 McGillicuddy Cruise Jeff Turner pumping Station.

Date: 6	Pate: 6 / 26 /07 Station number: 66a				INITIALS: TIME (GMT): DEPTH: 73		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 73 SCAN #: COMMENTS:		
1 2							
3 4	$\frac{1}{2}$						
5 6	A						
7 8 9	<del>/\</del>						
10	/						
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.

Look in data file for Correct position + Time + depths

Pumping Station for Turner.	M. Swartz WHOI
Starter Some time around	6/26/07 ~ 0330 local
Starter Sometime around Time. NO Bottles fired	
Startin encho around 6/-	26/07 ~ 04 30 Local.
orgo 250 Batch Jub haulted	, no Bottle file
of 250 Batch Jub haulted	

### **EN437 McGillicuddy Cruise**

-	Date: <u>6</u>	<u>1</u> 26 <u>1</u> 07	Station number: <u>567</u>			INITIALS: <u>IMR</u> TIME (GMT): <u>IF: 35</u>		
	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u><b>9</b></u> Sample	Nuts Box Sample	DEPTH: 155 m SCAN #: 35 COMMENTS:		
V	145 1			D402				
レレ	145 3							
V	5° 5 '40 6							
\ \	30 7 20 8							
V	/ <sub>U</sub> 9 // 10							
ソ	/ 11							

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>, 26</u> ,07	Station n	umber: <u>6</u>	<u>,8</u>	INITIALS: 100		
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>169</u>		
Bottle	Pressure	Quality	Box	Box	SCAN #: 145		
No.	DBars	Flag	Sample	Sample	COMMENTS:		
1	154				·		
V 2	154						
√ 3	150						
✓ 4	100						
V 5	50						
6	40						
V 7	30						
V 8	20						
V 9	10						
10	- 1						
V 11	1						
1/ 12	į						

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 6	<u> 26</u> <sub>/07</sub>	Station number: <u>069</u>			INITIALS: 74W TIME (GMT): 22:/5 DEPTH: 66 SCAN #: 193		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 66 SCAN #: 193 COMMENTS:		
1	56						
V 2	- 1						
✓ 3 ✓ 4	56	<u> </u>	<u> </u>				
V 5	50						
6	40		<u> </u>				
V 7	30 20						
<b>√</b> 9	10				·		
10	1						
11							

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>,26</u> ,07	Station n	Station number: <u>670</u>		INITIALS: 1940 TIME (GMT): 23'50		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 31 SCAN #: 673 COMMENTS:		
1	20						
<b>✓</b> 2	20						
V 3	20						
4	20						
V 5	20						
<b>✓</b> 6	20						
V_7	20			,			
8	20						
<b>✓</b> 9	10						
V 10	(						
V <sub>11</sub>	3						
<b>✓</b> 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.

#### **EN437 McGillicuddy Cruise**

Date: 6 /26/07		Station number: <u>67/</u>			INITIALS: JCP TIME (GMT): 178 3:15
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt D Box D Sample	Nuts Box Sample	TIME (GMT): 178 2:15  DEPTH: 202  SCAN #: 49  COMMENTS:
V 1	190		3		
V 3	100		4		
V 5	40				
$\begin{array}{ c c c c c }\hline V & 7 \\ \hline V & 8 \\ \hline V & 9 \\ \hline \end{array}$					
V 10	<del>',</del>	3			
V 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.

Thisis Saltimeter not working until M. Swartz WHOI

2 100 to 50 m above bottom

# **EN437 McGillicuddy Cruise**

Date: 6	<u>J</u> 26/07	Station number: <u>072</u>			INITIALS: <u>) CP</u> TIME (GMT): <u>178 03/16</u> DEPTH: <u>300</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN	H: <u>490</u> #: <u>49</u> MENTS:	
V 1	190						
V 3	100						
1/ 6 1/ 7	#0 30						
V 8	90						
V 10	e l						
V 12	• Partie va					· · · · ·	

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6		Station number: <u>679</u>			INITIALS: <u>LMR</u> TIME (GMT): <u>4') &amp;                                   </u>
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>/3/m</u>
Bottle	Pressure	Quality	Box	Box	SCAN #: <u>361</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
1	121				
V 2	121				
Vá	121				
V 4	100				
5	<i>5</i> ℃		<u> </u>		
. 6	40				
1/7	32				
_ √ 8	کة			•	
<b>9</b>	19				
V 10	i				
11	1				
$\int_{12}$					

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.

### **EN437 McGillicuddy Cruise**

Date: <u>6 /27 /</u> 07		Station nu	ımber: <u>O</u>	74_	INITIAL TIME (	GMT): _	RMR 5716
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH SCAN COMM	_	67 m 26
1/2	57 57						
$\sqrt{3}$	57						· ·
V 4							
V 6	40 30		:				
1/8 1/9	Z0 10						
1/10	,						
√ 11 √ 12	2002						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>/27 /</u> 07	Station number: <u>07</u> 5			INITIALS: RYR  TIME (GMT): 6:00  DEPTH: 22 M  SCAN #: 39 /	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 22 M SCAN #: 30/ COMMENTS:	
V 1	0 		1			
V 2	12					
1/3	? <b>Z</b> .					
burner 4	3.7					
V 5	1.5					
6	12					
1/7	iz					
8	<del></del>					
<i>l</i> /9	10					
10						
11	,		<u> </u>			
V 12	j					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 6 127 /07 Station number: 076				INITIALS: RMN TIME (GMT): 7:55	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>34 m</u> SCAN #: <u>3/3</u> COMMENTS:
- 1x V2	14				
√ <sub>3</sub> ✓ 4	/4 /4				
√5 √6	14				
V 7 8	14				
/9 /10					
√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.

# **EN437 McGillicuddy Cruise**

Date: 6 / 27/07		Station n	umber: <u>67</u>	7	INITIALS: JOW TIME (GMT): 8:40		
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 77 SCAN#: 169		
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 169 COMMENTS:		
1671	67						
V672							
V673							
V674							
V50 5	50						
V50 5 V40 6	40			-			
V30 7	1	-					
V20 8	20						
V10 9	10						
V / 10	l						
// 11	1						
VI 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.

# **EN437 McGillicuddy Cruise**

Date: 6		7 Station number: 678			INITIALS: $\frac{1}{9}$
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 167 COMMENTS:
V 1	160				
<b>√</b> 2	160				
<b>✓</b> 3	150				
V 4	100				
<b>✓</b> 5	50				
V 6	40				
7	30				
8	20				
9	10				
√ 10	1				
V 11	1				
V 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.

### **EN437 McGillicuddy Cruise**

Date: <u></u>	<u>/27</u> /07	Station n	umber: 🕏	79	INITIALS: 400 TIME (GMT): 10: 22 DEPTH: 208
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 208 SCAN #: 217 COMMENTS:
V 1	198				
V 2					
3	150	_			
✓ <sub>5</sub>	50				
<b>√</b> <sub>6</sub>	40	<del> </del>			
V 7	30				
8			ļ		
1/9	10				
10	1				
11	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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u> / <u>27</u> /07 Station number: <u>6</u> 80			umber: <u>6</u>	INITIALS: TIME (GMT):	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 22/ SCAN #: 24  COMMENTS:
V 1	2/0		<i>D6</i>		
2	200		07		
V 3	150	ļ	08		
V 4	100			<u> </u>	
V 5					
6					
7	30		_		
V 8	20		-		
9	10				
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 27/07 Station number: 881			INITIALS: <u>JCP</u> TIME (GMT): <u>178 13:17</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt D Box D Sample	Nuts Box Sample	TIME (GMT): 178 13:17  DEPTH: 360  SCAN #: 49  COMMENTS:
V 2	250 200		9		
V 3	150 100		1/		
/ 5 / 6	110				
1/7	30 30				
V 9	<del>'</del> .				
11 V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	127/07	Station nu	mber: <u>0</u> 8	Ĵ.	INITIALS: <u>JCP</u> TIME (GMT): <u>178 1450</u> DEPTH: <u>304</u> SCAN #: 49
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 304 SCAN #: 49 COMMENTS:
V 1	190				
V 3 V 4	150				
V 5	40				
V 7	30	3			
1/10	1				
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.

# **EN437 McGillicuddy Cruise**

					300
Date: <u>6</u>	eate: 6 /27/07 Station number: 083		INITIALS: <u>JCP</u> TIME (GMT): <u>178 15 730</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 130 SCAN #: 49 COMMENTS:
V 1	110				
2	110				
V ,3	110				
V 4	100				
V 5	(-) /m				
1/6	40				
1/7	30				
V <sub>B</sub>	20				
V 9	10				
10					
V 11	[				
V 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.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	127/07	Station n	umber: <u>0</u> 2	84	INITIALS: <u>RMR</u> TIME (GMT): <u>16:23</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 50 M SCAN #: 337 COMMENTS:
$V_1$	40				
/ 2	40				
V 3	40				
. 1/4	. 40				top or na populat atwast white setting out
5	40	ļ			of Take of but the
6	40				
7	30				
/B	20				
\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	10				
10	1	<u> </u>			
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.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>		Station number: <u>USS</u>			INITIALS: RMR TIME (GMT): 17:25		
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>62 m</u> SCAN #: <u>193</u>		
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: <u>193</u> COMMENTS:		
\ \ \ 1	52		1				
V 2							
√ 3							
V 4	52						
V.5	50						
6							
7	30						
<b>√</b> 8	20				·		
V 9	10						
10							
11	į						
<b>√</b> 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.

# **EN437 McGillicuddy Cruise**

Date: 6	<u>/2フ/</u> 07 プジ	Station number: <u>08</u>			INITIALS: <u>QMQ</u> TIME (GMT): <u>18:37</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 82 M SCAN #: 217 COMMENTS:
1	בקד קב				
√ 3	72				
$\sqrt{\frac{4}{5}}$	50				
√ 6 √ 7	40 30				
√ 8 √ 9					
V 10					
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.

### **EN437 McGillicuddy Cruise**

Date: <u>C たン</u> /07		Station nu	ımber: <u>√</u> %		INITIALS: RMC TIME (GMT): 19:39		
Sample Bottle No.		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 44 m SCAN #: &65 COMMENTS:		
V 1	34				-		
$\sqrt{2}$	34						
√3	34						
V 4	34						
<b>1</b> 5	34						
<b>√</b> 6	34						
<b>/</b> 7	30			· ·			
/ 8	20			-			
<b>/</b> 9	10						
✓ 10	1						
V11	1						
V12	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.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u> /27/07		Station n	umber: <u>O</u>	PP.	INITIALS: 15W  TIME (GMT): 20:29  DEPTH: 22  SCAN #: 217  COMMENTS:		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 22 SCAN #: 217 COMMENTS:		
V 1	10				·		
V 2	10						
V 3	10						
V 4	10						
<b>&gt;</b> 5	10						
6	D						
7	10						
<b>√</b> 8	10			·			
9	10						
V <sub>10</sub>	1						
11	1						
12	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.

### **EN437 McGillicuddy Cruise**

	_/ <u>27</u> /07	<u> </u>	<b></b>	, <del>9</del>	TIME (GMT): 179 0:00
Date: 6	_ <u>  <b>&amp;                                   </b></u>	Station n	umber: <u>6                                   </u>	<u> </u>	TIME (GMT): 179 0,00
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:
1/1	10				
V 2	10				
1/3	10				
V 4	10				
$V_{5}$	10				
V 6	10				
N 7	10				
<u>/</u> 8	10				
1/9	10		ļ		
V 10	4				
1/11	į				
V 12	Control of the Contro				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 2 1/07   Station number: 690		INITIALS: <u>JCP</u> TIME (GMT): <u>179 00:43</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>58</u> SCAN #: <u>49</u> COMMENTS:
1/1					
V 4					
1/5	40	:			
V 7 V 8	<i>30</i>				
<u> </u>	,				
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.

# **EN437 McGillicuddy Cruise**

Date: 6	1.27/07	Station number: 0 4			INITIALS: <u>JC</u> ρ TIME (GMT): <u>179</u> 1:33
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 49 SCAN #: 49 COMMENTS:
1 2	40				
V 3	40				
1/5	40				
V 7 V 8	30 20				
9	10	3			
V 11					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6 /27/07 Station number: 092			ımber: <u>17</u> 9	<u>12</u>	INITIALS: <u>JCP</u> TIME (GMT): 179 3, 24
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 94 SCAN #: 49 COMMENTS:
1/1	84				
1/2	84 84				
V <sub>4</sub>	84				
V_5	50				
1/6	40		<u> </u>		
1/8	30		,		
1/s	10				
V <sub>10</sub>	1	3	<u> </u>		
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.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>127</u> /07	Station number: <u>09</u> ≥			INITIALS: JCP  TIME (GMT): 179 3:16  DEPTH: 114
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 114 SCAN #: 49 COMMENTS:
1 2	100				
V 3	100				
1/6	50 40				
V 7	30				
V 8	10				
10 1 11					
12	, Section of the sect				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

				···	A MITHIE RINN		
	Date: <u>6 / 28 /</u> 07 Station number: <u>094</u>			4	TIME (GMT): 09:12		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH:   73M SCAN #: 217 COMMENTS:		
$\int$ 1	163						
$\sqrt{2}$	163						
√3	150						
V 4	100						
√ 5	50			-"			
√ 6	40						
V7	30						
1/8	20						
/ 9	10						
10	\						
11	ļ						
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.

### **EN437 McGillicuddy Cruise**

Date: <u>6 /<i>3</i>を /</u> 07		Station nu	mber: 🔗	<u> </u>	INITIALS: RMR
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box 🗘	Nuts Box	DEPTH: 304 M SCAN #: 11
No. /	DBars	Flag	Sample	Sample	COMMENTS:
V <sub>1</sub>	214		12		
V 2	200		73		
√ 3	150		14		·
	100				
V 5	కల				
/6	40				
<b>√</b> 7	30				
<b>J</b> 8	20			-	
√ g	10				
V10					
<b>√</b> 11	l				
√ 12	4				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: <u>०</u> ६	<u>/ 3ኝ</u> /07 ገዓ	Station nu	mber: <u>ે</u> ી		INITIALS: <u>ZMR</u> TIME (GMT): <u>07:17</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box 1 Sample	Nuts Box Sample	DEPTH: <u>/を0 m</u> SCAN #: <u>500</u> COMMENTS:
1	17.5				
1 2	<del></del>		15		
$\frac{3}{4}$	150 100		16		
<b>V</b> 5	50				
<u>√ 6</u>					
√ <sup>7</sup> ✓ 8	20				
√9	10				
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6 Sample Bottle No.	J28/07  Bottle Pressure DBars	Station number: <u>697</u> Bottle Salt Nuts Quality Box Box Flag Sample Sample			INITIALS: 10W  TIME (GMT): 8:19  DEPTH: 217  SCAN #: 169  COMMENTS:
V 1	200				
V 2	200				
V 3	150				
V 4	100				
V 5					
V 6					
V 7	30				
V 8	20				
<b>√</b> 9	10				
10	l				
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.

# **EN437 McGillicuddy Cruise**

Date: 6	/ <b>2</b> 8/07	Station number: <u>698</u> Bottle Salt Nuts			INITIALS: 4 W TIME (GMT): 9,30  DEPTH: 115  SCAN #: 217
Bottle	Pressure	Quality	Box	Box	SCAN #: 217
No.	DBars	Flag	Sample	Sample	COMMENTS:
V 1	100				
V 2	100				
✓ 3	100				
4	100				
√ 5	50				
V 6	40				
V 7	30				
✓ 8	20				
V 9	10				
<b>₩</b> 10	$\sim l$				
V 11	1				
V 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.

### **EN437 McGillicuddy Cruise**

Date: 6	/ <b>28</b> /07	Station n	umber: <u>0</u>	79_	TIME (GMT): 10:27
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 152 SCAN #: 121 COMMENTS:
V 1	142				
V 3	142		,		
V 4	100				
6	40		:		
V 8	20				
<ul><li>✓ 9</li><li>✓ 10</li></ul>	10				
11	/				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6				0	INITIALS: 11'30  TIME (GMT): 11'30  DEPTH: 123  SCAN #: 241  COMMENTS:
Sample	Bottle	Bottle	Sait	Nuts	DEPTH: <u>123</u>
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 291 COMMENTS:
Ito.	112	rag	Jample	Sample	COMMENTS.
1		ļ			
2	<del>}</del>				
V 3	112				
1/A	100				
5	50				
	40				
V 7	30				
V 8	20				
V 9	10				
✓ 10	)				
V 11	ł				
V 12	1	<u> </u>			

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>, 28 <sub>/07</sub></u>	Station n	umber: 10		INITIALS: <u>JCP</u> TIME (GMT): <u>179 /3:30</u>
Sample	Bottle	Bottle	Salt	Nuts	TIME (GMT): 179 12:30  DEPTH: 55  SCAN #: 49
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: COMMENTS:
1	50				
V 2	50				
V 3	50				
1/4					
5	200				
1/6	40				
V	30			·	
V 8	20		-		
V 9	10				
10	!				
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	_/ <del>28</del> /07	Station n	umber: <u>/ (</u>	<u> </u>	INITIALS: JCP  TIME (GMT): 179 13:15  DEPTH: 38  SCAN #: 49
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 38 SCAN #: 49 COMMENTS:
1/2	30 30		1		
1/3 1/4	30				
1 5 1 6	7.0				
7	<i>30</i>				
<b>V</b> 9	10 1	3			
11					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

	Date: 6 08/07 Station number: 103				INITIALS: <u>RMV</u> TIME (GMT): <u>17-35</u>
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	DEPTH: <u>60 m</u> SCAN #: <u>/2/</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
i/ 1	50				
√ 2	50				
V 3	50				
1/4	50				
V 5	50				
1/6	40				
17	30		<u> </u>		
8	20			-	
9	10				
10	1				
<u> </u>	١				
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.

### **EN437 McGillicuddy Cruise**

Date: 6	<u>/25 /</u> 07 74	Station number: 104		4—	INITIALS: RMR TIME (GMT): 18:31
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 140 m SCAN #: 241 COMMENTS:
$\sqrt{\frac{1}{2}}$					
<u>/4</u> <u>/5</u>	100				
/ 6 / 7 / 8	30				
√ 9 √ 10	10				
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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>		Station number: 105			INITIALS: <u>RMR</u> TIME (GMT): <u>19:32</u>
Sample Bottle	Bottle	Bottle	Salt	Nuts	DEPTH: 168m
No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: <u>५१।</u> COMMENTS:
1	158				·
$\sqrt{2}$	158				
/3	150				
<u>/ 4</u>	100				
V 5	50				
V 6	40				
17	30				
ç	20				
9	10				
10	l				
V <sub>11</sub>	]				
	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.

### **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 28 /07   Station number: 106			INITIALS: 15W TIME (GMT): 20:35	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box_ Sample	Nuts Box Sample	DEPTH: 126 SCAN #: 145 COMMENTS:
116 1					
V116 2	116				
V116 3					
V100 4	100				
V50 5	50				
V40 6	40				
V30 7					
120 8	20				
V10 9	10				
V / 10	1				
1 11	l				
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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>, 28</u> ,07	Station number: 167			INITIALS: 1134
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 77 SCAN #: 217 COMMENTS:
V 1	67 67				
V 3	67				
V 5	67 50				
V 6	40 30				-
V 8	1				
V 9	10				
11 12	ł				

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date: 6 /28/07		Station number: <u>108</u>			INITIALS: 7 W		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 22:28  DEPTH: 32  SCAN #: 145  COMMENTS:		
V 1	20						
V 2	20						
<b>✓</b> 3	20						
V 4	20						
√ 5	20			:			
6	20						
V 7	20			-			
V 8	20						
✓ 9	10						
V 10	l						
$\nu_{_{11}}$	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.

Pumping Station 108a

IN CTD files
Position 43°39.815′ 69°-51.133′

TIME (LMT) 23:04

## **EN437 McGillicuddy Cruise**

· · · · · · · · · · · · · · · · · · ·					1 INITIALS: JCP
Date: 6	Date: 6 /28/07 Station number: 109				TIME (GMT): 180 00:35  DEPTH: 37
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 37 SCAN #: 49 COMMENTS:
$oldsymbol{\mathcal{V}}_{1}$	20				
V 2	20				
V 3	a0				
1/4	90				
$V_{5}$	30				
V 6	90				
V 7	90				
1/8	a0				
<b>√</b> 9	10				
10	I				
V 11	1				
V <sub>12</sub>					

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Precast.
Change Secondary DO From 0497
Use con File N437. 0607 12pl 0343

Date: 6	Date: 6 / 28 / 07 Station number: 110				INITIALS: <u>JOP</u> TIME (GMT): <u>180 03:20</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 49 SCAN #: 49 COMMENTS:
1/2	<i>30</i>				
1/ <sub>3</sub>	<i>30</i> 30				
1 6	20				
V 7	30				
1/9	10				
10					
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.

# **EN437 McGillicuddy Cruise**

Date: 6	<u>/35</u> /07	Station number: <u>///</u>			INITIALS: RMR TIME (GMT): 04:13	
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>92M</u>	
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 313 COMMENTS:	
/ 1	22	,g				
/2						
3						
<b>/</b> 4	83					
<b>/</b> 5	50					
√6	40					
V7	30					
<u>/</u> 8	26			·		
<b>V</b> 9	70					
√ <sub>10</sub>	1					
√11	·					
<b>√</b> 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.

## **EN437 McGillicuddy Cruise**

Date: <u></u>		Station n	umber: [17]		INITIALS: RMR
Sample Bottle No.	Sottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 05:06  DEPTH: 153 m  SCAN #: 103  COMMENTS:
1 /	145				
$\sqrt{\frac{3}{4}}$	160				
V 6	30				
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.

## **EN437 McGillicuddy Cruise**

1.5	Station number: // 3  1 80  Bottle Bottle Salt Nuts				TIME (GMT): CO.0 5 DEPTH: 25m		
	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #:		
1	118						
V 2	118						
√3	118						
$\sqrt{4}$	/30						
$\sqrt{5}$	50						
√6	40						
17	30			-			
√8	20						
✓ 9	10						
√10	f						
<b>√</b> 11	Į.				·		
V 12	j						

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6	<u> ZF</u>  07	Station number:			INITIALS: <u>RMR</u> TIME (GMT): <u>07:04</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>いらり</u> SCAN #: <u>いるる</u> COMMENTS:
√ 1 √ 2	154				
3	150				
✓ 5 ✓ 6	50				
V 7	30 2°				
9	lo				
√ 10 √ 11	Į				
√ 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.

## **EN437 McGillicuddy Cruise**

Date: C	Date: C 1 29 /07 Station number: 1/5			INITIALS: 4PW TIME (GMT): 8:04	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>154</u> SCAN #: <u>193</u> COMMENTS:
1	144				
	144				
V 3	144				
V 4	100				
V 5	50				
√ 6	40				
V 7	30				
<b>1</b> /8	25				
<b>✓</b> 9	10				
V 10	1				
V 11	1				
12	ı				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

Date: 6 / 29/07		Station n	umber:	6	INITIALS: ユムル TIME (GMT): 9106
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box D Sample	Nuts Box Sample	DEPTH: / 8 SCAN #: / 93 COMMENTS:
V 1	178		PIZ		
V 2	178		DIS		
3		<u> </u>	DIG	-	
4	100 50				
5 6	40	-			
✓ <sub>7</sub>	30				
<b>✓</b> 8	20				
<b>√</b> 9	10				
10	1			<u> </u>	
11		   <del></del>			
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.

## **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 /29/07 Station number: 117			INITIALS: <u>JCP</u> TIME (GMT): <u>180 13:35</u>	
Sample Bottle	Bottle Pressure	Bottle Quality	Salt D	Nuts Box	TIME (GMT): 180 13:25  DEPTH: 165  SCAN #: 49
No.	DBars	Flag	Sample	Sample	COMMENTS:
1	150		<u></u>		
1/2	150				
V 3	150		20		
V 4	100				
5	50				
V 6	40				
7	30			·	
1/8	20				
1/9	10	ĺ			
V 10	1	3			
1/11	j				
N 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.

### **EN437 McGillicuddy Cruise**

Date: <u>6</u>	ate: 6 /29/07 Station number: 18		INITIALS: <u>JCP</u> TIME (GMT): <u>180 13:30</u> DEPTH: <u>185</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 185 SCAN #: 24 COMMENTS:
1/2	175				
3	150 100				
V 5	50 40				
1/7	30 20				
V 10	10				
V 11					

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: <u>6</u>	Date: 6 99/07 Station number: 119			INITIALS: <u>JCP</u> TIME (GMT): <u>180 14:33</u> DEPTH: 176	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 176 SCAN #: 49 COMMENTS:
1/1	166				
3   V 4	150				
1/6	50 40		-		
V 7	30				•
V 9	10	3			
V 11	o vidinas				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 6 / 39/07		Station no	umber:	20	INITIALS:
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 180 15;34  DEPTH: 136  SCAN #: 49  COMMENTS:
V 1	126				
V 3	126				
$\frac{\nu}{\sqrt{5}}$	50		<u> </u>		
$\frac{V}{V}$ 6	30				
1/8 1/9	16				
V 10	1				
V 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.

## **EN437 McGillicuddy Cruise**

					- (2 M·()
Date: <u>6</u>	Date: <u>6</u> / <u>39</u> /07 Station number: <u>131</u>		TIME (GMT): 16:35		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 15 M SCAN #: 97 COMMENTS:
V 1	85				
J 2	85				
V/3	85				
V 4	85				
<b>/</b> 5	50				
<b>√</b> 6	40				
17	30				
<b>√</b> 8	20				
9	10				
10	<sup>6</sup> / <sub>20</sub>				
11	ياضح				
<b>√</b> 12	4.4				

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

		A 0(191)	nal dat l	File collec	d "ofd 122 . dat"	
	<u>/ 29 /</u> 07 VV	Station n	) 122 <b>d</b> at . umber: <u>12</u>	2	initials: RMR TIME (GMT): 17:35	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 92 m SCAN #: 163 COMMENTS:	
\( \sqrt{1} \)	82 82					
V 3	₹. て					
/ 5	8 <b>2</b> 50					
7	30					
/ 8	10					
10						
√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.

### **EN437 McGillicuddy Cruise**

	_/ <u>2</u> 5_/07 දිට	Station no	umber: <u>/ )</u>	3	INITIALS: <u>RMR</u> TIME (GMT):	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>7/m</u> SCAN #: <u>217</u> COMMENTS:	
1	61					
V 2	61					
√ 3	61		/			
4	61					
$\sqrt{5}$	50					
V 6	40					
<b>1</b> 7	30					
1/8	20					
<b>1</b> 9	10					
10	· ·					
V 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.

## **EN437 McGillicuddy Cruise**

Date: 6	<u>, 19</u> , <sub>07</sub>	Station number: 124			INITIALS: 1PW  TIME (GMT): 20:35  DEPTH: 33  SCAN #: 97  COMMENTS:		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 33 SCAN #: 97 COMMENTS:		
V 1	28 28						
✓ 3 ✓ 4							
V <sub>5</sub>	28						
<b>V</b> <sub>7</sub>	28 28						
V 8	10						
10	 						
12	1	ŀ					

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 6	<u>/<b>27</b></u> /07	07 Station number: <u>125</u>			INITIALS: 22.52  TIME (GMT): 22.52  DEPTH: 59  SCAN #: 217
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <b>57</b> SCAN #: <b>217</b> COMMENTS:
1	50				
✓ 2 ✓ 3	50 50				
ν <sub>4</sub> ν <sub>5</sub>	50 50				
<ul><li>√ 5</li><li>√ 6</li></ul>	1/5		<u> </u>		
7	30				
V 8 V 9	1.0				
10	,				
11	l 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.

Priffer	Deplo	yen	7638	1	M. Swartz W	HOI
23:04	cmt	44-	01.8	068-31.9	senes	4

### **EN437 McGillicuddy Cruise**

Date: 6	/ <b>29</b> /07	Station number: 126			INITIALS: 4 W TIME (GMT): 23/24		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 70 SCAN #: 97 COMMENTS:		
V <sub>1</sub>	60 60						
V 3	Ю						
V 4	60 50						
V 6	40 30						
8	20 10						
V 10	,						
V 11	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

23432 On Stur Deployed e 43° 59,244'N, 068° 29,741 W Card Series B

#### **EN437 McGillicuddy Cruise**

Date: 6	e:6 /29/07 Station number: 127		INITIALS: <u>JCP</u> TIME (GMT): <u>181 00:33</u> DEPTH: <u>114</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:
$\frac{\sqrt{1}}{\sqrt{2}}$	90				
3	90				
1/5	50				
V 6	<i>40</i> <i>30</i>				
1/8 1/9	20 10				
V 10	1				
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

00387 Drister Deployed 43.53,581'N.068.24.572W
Card series G

## **EN437 McGillicuddy Cruise**

					_	500
Date: <u>6</u> 2 <b>9</b> /07		Station nu	mber: <u>)                                   </u>	4		INITIALS: <u>SCP</u> TIME (GMT): 181 1515
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Sait Box Sample	Nuts Box Sample	DEPTI SCAN COMM	(GMT): 181 15/5 H: 151 #: 49
1	140					
V_2	140					
V 3	140					
4	100					
1/5	50					
V 6	40					
1/7	30					
V 8	<del>2</del> 0					
V 9	10					11.11.11.11.11.11.11.11.11.11.11.11.11.
$V_{10}$						
1/11	)					
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.

# **EN437 McGillicuddy Cruise**

		1			$\gamma$ initials: $\mathcal{J}\mathcal{C}$
Date: <u>6</u>	<u>129</u> 107	Station number: 139		<u> </u>	TIME (GMT):   8   00   10   10   10   10   10   10
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 300 SCAN #: 49 COMMENTS:
1/_1	190				
_V_2	190				
V 3	150				
$V_4$	100				
V 5	50				
V 6	40				
1/_7	30				
V 8	20				
1/9	10				
V 10	1				
1/11					
V 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

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	<u>, 29</u> ,107	Station no	umber: 13	30	INITIALS: <u>JCP</u> TIME (GMT): 180 3:12
Sample Bottle	Bottle Pressure	Bottle	Salt	Nuts Box	DEPTH: 190 SCAN #: 49
No.	DBars	Quality Flag	Box Sample	Sample	COMMENTS:
V 1	180				
V 2	180				
1/3	150				
V 4	100				
1/5	50				
V 6					
V 7	30				
1/8	20				
1/9	10				
1/10					
N 11	1				
V 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.

# **EN437 McGillicuddy Cruise**

		Ī			INITIALS:	RMR	
Date: <u>し /3 。</u> /07		Station nu	umber: <u>13</u>	<u> </u>	TIME (GMT):	04:16	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:	200 M	<del></del>
1	190						
/2	190						
<u>/3</u>	150						
$\sqrt{4}$	100						
<b>√</b> 5	5 à						
6	40						
17	39						
8	೭೦						
	10						
10	į						
11							
<b>√</b> 12	١			Ser.			

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

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

blank = not reported.

### **EN437 McGillicuddy Cruise**

		•	Sal.	ts! [4	g	the second second	,
Date: 🤄		Station nu	Station number: 13 z			INITIALS: TIME (GMT):	RMR U5:17
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>1</u> Sample	Nuts Box Sample		DEPTH: SCAN #: COMMENTS:	242 m
/ 1	230		71				
√ ż	200		22				
√ 3	150		<b>Z3</b>				
✓ 4	100						
\_5	కార			:			
_ / 6	40						
/7	30						
7 8	20			·			
<b>/</b> 9	10						
<b>v</b> 10	1						
<u>√</u> 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.

### **EN437 McGillicuddy Cruise**

	<u> </u>		<u> </u>	· .		INITIALS:	RMR
	Date: <u>७</u>		Station nu	mber: <u>133</u>	<u>,                                      </u>	TIME (GMT):	07:03
	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _/ Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:	236 M
V	226 1						
/	200 2						
V	150 3						
$\vee$	100 4			:			
V	<b>ζ</b> 0 5				,		
٧	40 6						
1	30 7						
	20 8						
/	10 9				/		·
/	10						
V	11						
V	1 12						

(Source: WHP Data Reporting Requirements sec 3.4.1) Bottle Quality Flag Codes: No Satts done

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 30 / 07 Station number: 134				INITIALS: 30W TIME (GMT): 8:24
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 224 + SCAN #: COMMENTS:
1	210				
2	200				:
3	<del></del>				
4	2				
5	50 40				
6	30				
V 8	2-	<u> </u>			
<b>1</b> /9					
<i>∨</i> 10	1				
V <sub>11</sub>	1				
$\nu_{_{12}}$	/				

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.

\* Lost sounder @ begining of cast
ADCP 75 KHZ is reading about 224

M. Swartz WHOI

#### **EN437 McGillicuddy Cruise**

Date: 6	Date: 6/30/07 Station number: 135			5	INITIALS: <u>9.'33</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 9'.33  DEPTH: 222  SCAN #: 217  COMMENTS:
V 1	212				
V 2	212			-	
<b>/</b> 3	200				
b 4	100				
√ 5	50				
6	40				
V 7	30				
	20				
<b>V</b> 9	10				
√ 10	1				
V 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.

MissED the 150 m pottle M. Swartz WHOI By my mistake

## **EN437 McGillicuddy Cruise**

Date: <b>6</b>	_/ <u>_30</u> _/07	Station number: _136_			INITIALS: 10:40  DEPTH: 164  SCAN #: #145		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 164 SCAN #: # 145 COMMENTS:		
V 1	150						
<b>V</b> 2	150						
	150						
4	100						
5	50						
6	40						
V 7	30						
V 8	20						
<b>V</b> 9	10						
V 10	1						
V <sub>11</sub>	1						
12	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.

## **EN437 McGillicuddy Cruise**

Date: 6 / 30 /07 Station number: 137			umber: 13	TIME (GMT): 11:41	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 177 SCAN #: 193 COMMENTS:
V 1	167				
V 3	150				
V 4	50				
6	40 30				
V 8	20				
10	10				
V 11 V 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.

# **EN437 McGillicuddy Cruise**

Date: 6	<u>/ 30</u> /07	Station n	umber: 13	<b>8</b>	INITIALS: <u>JCP</u> TIME (GMT): 181 13:43  DEPTH: 91
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:
Bottle	Pressure	Quality	Вох	Box	SCAN #: <u> </u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
V 1	80				
1/2	80				
1/3	80				
V 4	80				
$V_{5}$	50				
6	40				
VI	30				
<i>V</i> 8	90			,	
1/9	10				
10	,				
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.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	_/ <i>30</i> /07	Station no	umber:	39	INITIALS: JCP  TIME (GMT): 18/ 13:38  DEPTH: 95
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 95 SCAN #: 79 COMMENTS:
1/2	85 85				
V 3	85				
1/5	50				
V 6	30		:		
1/8 1/9	70				
V 10	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.

# **EN437 McGillicuddy Cruise**

INITIALS: Date: 6 / 30/07 Station number: 1399 TIME (GMT): 1811400 Sample Bottle Bottle Salt Nuts DEPTH: Bottle Pressure Quality SCAN #: Box\_ Box . No. **DBars** Flag Sample Sample COMMENTS: 2 5 6 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.

## **EN437 McGillicuddy Cruise**

	<u>/ 30_</u> /07 81	Station nu	umber: <u>14</u>	8	INITIALS: RMR TIME (GMT): 16:09
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 4/m SCAN #: 153 COMMENTS:
/ 1 / 2	30 34	,			CTD 150. * After cast
√ <sub>3</sub>				:	then
√ 5 √ 6					edit ct4140.hdr4.bl
\( \sqrt{7}{8}	36 20				con cto 140.det ctd 140 rename edat edit ctd 140 rename dat to
√9 √ 10					have CTD 140 instead of CTD 150 in its header.
√11 √12	}				then process tachine

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 6 / 30 /07 Station number: 1 \$ 1  Sample Bottle Bottle Salt Nuts				INITIALS: RMP2  TIME (GMT): 18:07	
Sample Bottle	Pressure	Quality	Box	Box	DEPTH: <u>60 m</u> SCAN #: <u>303</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
√ 1	50				
V 2	50				
/ 3	50				
	50				
<u>√</u> 5	50				
√ 6	40				
/ 7	30				
√ 8	20				
√ 9	יסי				
√10	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.

### **EN437 McGillicuddy Cruise**

	Date:         6 /36 /07         Station number:         142           181         181			INITIALS: RMV TIME (GMT): 19601	
Sample Bottle No.	Bøttle Pressure BBars	Bottle Quality Flag	Salt Box Sample	Nuts Bex Sample	BEPTH: <u>\\$0\m\</u> SCAN #: C@MMENTS:
/ 1	76				
/ 2	70				
/ 3	70				
<u></u>	70				
	50				
V 6	40		1		
<u> </u>	30				
<b>√</b> 8	20				
√ 9	10				
√ 1 <del>0</del>	1				
V 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.

## **EN437 McGillicuddy Cruise**

Date: <u>6 / 30 /</u> 07		Station n	umber: <u>14</u>	3	INITIALS: 19:53
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 73 SCAN #: 241 COMMENTS:
V 1	83				
V 2	83				
V 3					
V 4	83				
$V_5$	50				
6	40				
V 7	30	ļ			
V 8	20				
V 9	10				
√ <sub>10</sub>	t				
V 11	l l				
V 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.

# **EN437 McGillicuddy Cruise**

Date: 6 / <u>30 /</u> 07		Station no	umber: <u>14</u>	4	INITIALS: ##W  TIME (GMT): 20:48  DEPTH: 139
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 139 SCAN #: COMMENTS:
V 1	129				
√ 2	129				
V 3	129				
V 4	100				
V 5	50				
V 6	40		;		
V 7	30				
V 8	20			-	
<b>√</b> 9	10				
V <sub>10</sub>	- 1				
V 11	1				
V 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.

### **EN437 McGillicuddy Cruise**

Date: 6	ate: 6/30/07 Station number: 145			INITIALS: <u>JCP</u> TIME (GMT): <u>181 21:45</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN	H: <u>/95</u>
1/2	185				**	
V 3	3 5					
$V_{5}$	50					
7	40 30					
1/8	<del>3</del> 0					
1/10				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.

## **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 30 /07 Station number: 146				INITIALS: 7 22'45  TIME (GMT): 22'45  DEPTH: 206
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 206 SCAN #: 265 COMMENTS:
V 1	196				
\(\begin{align*}	150				
4	100				
V 5	50 40				
7	<i>3</i> 0				
8	20		-		
¥ 10					
V 11	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.

## **EN437 McGillicuddy Cruise**

Date: 6	Date: 6 / 30 /07 Station number: 147				TIME (GMT): 23:54  DEPTH: 219		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 219 SCAN #: 217 COMMENTS:		
V 1	200						
✓ 2	200						
3	150	···			·		
V 4	100				·		
V 5	50						
V 6	40		:				
7	30						
V 8	20						
V 9	10						
10	1						
V 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.

# **EN437 McGillicuddy Cruise**

Date: <u>6</u>	Date: <u>6 / 30 /</u> 07		ımber: <u>14</u>	18	INITIALS: <u>JCP</u> TIME (GMT): <u>182 00:56</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample	DEPTH: 217 SCAN #: 49 COMMENTS:	
1	300 ⊇00		[1			
V 2	150		Ja			
1/ 4	100		<u> </u>			
V 5	46		:			
7	30					
V 8	10	<u> </u>				
V 10						
V 11	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.

# **EN437 McGillicuddy Cruise**

					TOP
Date: <u>6</u> / <u>30</u> /07		Station n	umber: / L	<u>†9</u>	INITIALS: <u>JCP</u> TIME (GMT): 182 3:14
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box B	Nuts Box Sample	TIME (GMT): 182 3:14  DEPTH: 166  SCAN #: 49  COMMENTS:
1/1	150				
V 2	150		10		
$\sqrt{3}$	150				
1/4	100				
V 5	. 7				
V 6	Ho				
1/2	30				
<b>√</b> 8	90				
1/9	10				
V 10					
V 11	, and				
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.

## **EN437 McGillicuddy Cruise**

	/ <u>/</u> /07	Station n	umber: <u>15</u>	o	INITIALS: TIME (GMT):	CT: 15
Sample	Bottle	Bottle	Salt	Nuts		172 m
Bottle	Pressure	Quality	Box	Box	SCAN #:	
No.	DBars	Flag	Sample	Sample	COMMENTS:	
√ 1	162		!			
/ 2	162					
/ 3	150					
_ \ 4	(00					
V 5	50					
V 6	40					
$\sqrt{7}$	30					
/8	200					
<b>/</b> 9	10	1."				
V10	Service					
	ą.					
/ 12	p de la constante de la consta		· ·			

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

ľ	Date: 7 / 1 /07 Station number: 151		INITIALS: RMR TIME (GMT): OS:17		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>131m</u> SCAN #: COMMENTS:
1	121				
√ <sub>2</sub>	121				
√3	121				
V 4	100				
<b>√</b> 5	50				
<b>1</b> 6	40				
1	30				
8	20				
9	10				
10	1				
<b>/</b> ,11	Ì				
12	Ţ				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

	Date: 7 / 1 /07 Station number: 152		INITIALS: RMR TIME (GMT): 06:77		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 176 m SCAN #: 77 COMMENTS:
1	160				
/ 2	160				
$J_3$	150				
14	150				
<b>√</b> 5	58				
√ <sub>6</sub>	40				
$\sqrt{7}$	30				
√ 8	20				
, 9	10				
10	ţ				
√ 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.

# **EN437 McGillicuddy Cruise**

Date: <u>7</u>	_/ <b>/</b> _/07	Station nu	umber: <u>/</u> 53	3	INITIALS: RMR TIME (GMT): 07:23
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): <u>07:23</u> DEPTH: <u>2/om</u> SCAN #: <u>/69</u> COMMENTS:
1	200				
$\sqrt{2}$	700				
√ <sub>3</sub>	150				
V 4	100				
V 5	50				
6	40				
7	<i>3</i> 0				
/8	to				
V 9	10				
<b>1</b> 0					
11	1				
12	j				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 7	//07	Station number: 15-4			INITIALS: TPW TIME (GMT): 4:29		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box _ Sample	Nuts Box Sample	DEPTH: 187 SCAN #: 169 COMMENTS:		
V 1	177	,					
V <sub>2</sub>							
✓ 3 ✓ 4	100		<u> </u>				
✓ 5	50						
6	40			<u> </u>			
V 7	30 20		<u> </u>				
<b>√</b> 9	10						
10	1						
V 11	l 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.

## **EN437 McGillicuddy Cruise**

Date: 7	<u>/                                    </u>	Station nu	ımber: <u>[5</u>	5	INITIALS: 70  TIME (GMT): 9:38  DEPTH: 70  SCAN #: 577
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 70
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: SY7 COMMENTS:
1	60				
V 2	60				
· V 3	60				
V 4	60				
V 5	50				
V 6	40				
V 7	30				
<b>✓</b> 8	20				
<b>V</b> 9	10				
10	1				
V 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.

## **EN437 McGillicuddy Cruise**

Date: 7	/_//07	Station n	umber:	<u>56</u>	TIME (GMT): 10:35
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>42</u>
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 193 COMMENTS:
V 1	30	. iag	- Campio	Jumpio	O MINICALIO.
<u>"</u>	20				
	20		+	<del> </del>	
<del></del>	20		<del> </del>		
4			<u> </u>		
V 5					
6	30				
レ <sub>7</sub>	30			·	
<b>√</b> 8	20				
<b>✓</b> 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.

## **EN437 McGillicuddy Cruise**

Date: <b>7</b>	_//07	Station number: 157			INITIALS: <u>JCP</u> TIME (GMT): <u>182 12:35</u>			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN	H:	69 49	
1/1	60							
3	60							
V 5	50							
$V_{7}$	30					<del></del>		
_ V 8 _ V 9	90 10	·						<del></del> .
V 10	1							
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.

## **EN437 McGillicuddy Cruise**

Date: <u>7</u>	_//07	Station nu	ımber: <u>13</u>	3	INITIALS: <u>JCP</u> TIME (GMT): <u>182 13:18</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 78 SCAN #: 49 COMMENTS:
1 2	68 68				
V 3	68 68				
V 6	40		:		
V 7	30				
1/9 1/10	, ,				
V 11	ł				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 7 / 1 /07		Station nu	ımber: <u>1</u> 5	9		INITIALS: <u>JCP</u> TIME (GMT): 182 14:03		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN COM	(GMT): 182 ) 4:00 H: 60 H: 49 MENTS:		
1 2	<i>50</i>							
1/3	<i>50</i>							
5	50 40							
7	30							
V 8	10							
1 10	-							
V 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.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>//</u> /07	Station number: 160		0_	INITIALS: <u>JCP</u> TIME (GMT): <u>183 14:45</u> DEPTH: <u>94</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 94 SCAN #: 49 COMMENTS:
1/2	84 84				
3	84 84				
5	50				
1/7	30				
V 8	10 30				
V 10 $V$ 11 $V$ 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.

## **EN437 McGillicuddy Cruise**

Date: 7		Station n	umber: 14	ol .	INITIALS: JCP
					TIME (GMT): 182 15.28 DEPTH: 128
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 126 SCAN #: 79 COMMENTS:
1/1	118				
V 2	118				
1/3	118				
VA	100				
V_5	50				
1/6	40				
V 7	30				
W 8	90				
1/9	10	***			
10	1				
11	1				
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.

# **EN437 McGillicuddy Cruise**

Date: 1 / 1 /07			mber: 16		INITIALS: RMR TIME (GMT): 16:26
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	DEPTH: <u>185 m</u> SCAN #: <u>241</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
√1	175				
/ 2	175				
3	150				
V 4	,30				
√ 5	50				
6	40				
V 7	7.6				
<b>J</b> 8	ئ ل			"	
,/ 9	2				
,10	1				
11	١				
/ 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.

## **EN437 McGillicuddy Cruise**

Date: 7 / 1 /07		Station nu	umber: <u>16</u>	3	INITIALS: RMYR TIME (GMT): 17:17
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 187 SCAN #: 193 COMMENTS:
V 1	177				
/_2	177				
√ <sub>3</sub>	150				
<b>J</b> 4	100				
5	50				
V,6	५०				
V 7	30				
<b>/</b> 8	20				
/9	10				
10	\				
1,1					
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.

## **EN437 McGillicuddy Cruise**

Date:	<u>/</u> _/07 ぞこ	Station nu	ımber: <u>/ (</u>	4	INITIALS: RMK TIME (GMT): 1808		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 1755 SCAN #: 402 COMMENTS:		
√ 1	165						
V2	165						
√3	150						
✓ 4	jæ						
/5	50						
<b>√</b> 6	40		:				
V7	7,0						
<b>J</b> ,8	20						
/9	10						
10	1						
/ 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.

## **EN437 McGillicuddy Cruise**

Date: 7	_/ <u>'</u> _/07	Station nu	ımber: <u>ال</u>	<u>r</u>	INITIALS:
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>93m</u>
Bottle	Pressure	Quality	Box	Box	SCAN #:
No.	DBars	Flag	Sample	Sample	COMMENTS:
/1	83				
$\int_{2}$	83				
/3	83				
1	83				
,/5	5,0				
$\sqrt{6}$	40				
17	30				
<sub>1</sub> / 8	20				
/9	10				
10	1				
11	1				
12	ſ				

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date:	<u>                                     </u>	Station nu	ımber: <u>16</u> 0	,	INITIALS: RMR TIME (GMT): 19:48
Sample	Bottle	Bottle	Sait	Nuts	DEPTH: <u>101</u>
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: _ 7 (a) COMMENTS:
1/1	91				
1/2	9)				
V 4					
, 5	50				
6			İ		
7,7	30				
/8	20				
9	10				
<b>€</b> ∕10	ì				
V 11	}			"	
12	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.

#### **EN437 McGillicuddy Cruise**

<del>-7</del>				7	I INITIALS:
Date: _ <del></del>	_//07	Station r	number: 16	> <del>+</del>	INITIALS: 4 20:31  DEPTH: 70
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 70 SCAN #: 169 COMMENTS:
V 1	60				
V 2	60				
V 3	60				
1/ <sub>4</sub>	60				
<b>1</b> 5	50	-			
V 6	40				
V 7	30			· · · · · · · · · · · · · · · · · · ·	
V 8	20				
V 9	10				
V 10					
11	- (				·
12	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.

### **EN437 McGillicuddy Cruise**

Date: 7	<u>/ l</u> /07	Station n	umber: <u>[</u>	8	INITIALS: 4 W		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 57 SCAN #: 169 COMMENTS:		
V 1	50						
✓ 2	50						
✓ 3	50						
4	50						
V 5	50						
V 6	40						
V 7	30						
V 8	20						
<b>V</b> 9	10						
10	ł						
V 11	1						
V 12	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.

## **EN437 McGillicuddy Cruise**

Date:				INITIALS: <u>JCP</u> TIME (GMT): <u>183 1:09</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 42 SCAN #: 49 COMMENTS:	
V 1	80 80					
1/3 1/4	80 80					
1 5 V 6	50 40		:			
V 7	30 20					
V 9	10					
11 12	directives,					

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 7/1_/07 Station number: 170			umber: <u>17</u>	INITIALS: <u>JCP</u> TIME (GMT): <u>183</u> 1:53		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 130 SCAN #: 49 COMMENTS:	
1 2	110					
V 3	100					
V 5	11.0					
V 7	30 20	4				
V 9	10					
V 11	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.

## **EN437 McGillicuddy Cruise**

Date: 7	Date: 7 / 1 /07 Station number: 171			INITIALS: <u>JCP</u> TIME (GMT): <u>183</u> 350		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 183 3:50  DEPTH: 143  SCAN #: 49  COMMENTS:	
1/2	130 130					
V 3	130					
1/ <sub>5</sub>	50					
1/7	30					
1/9	10					
10	1					
V 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.

## **EN437 McGillicuddy Cruise**

Date: 7 / 1/07 Station number: 173			ımber: 1	INITIALS: JCP  TIME (GMT): 183 3:36  DEPTH: 137	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 137 SCAN #: 49 COMMENTS:
1/2	125				
V 3	125				
1/5	50				
1/7	30				
8	20 10				
10 10 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.

## **EN437 McGillicuddy Cruise**

Date: 7	<u>/ 2</u> /07   § 3	Station number: 173			INITIALS: RMX TIME (GMT): 04:30		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 168 M SCAN #: COMMENTS:		
1	37%						
V 2	(5%						
/3	150						
√ 4	100		<u></u>				
√ 5	50				·		
/, 6	40		÷				
V, 7	30						
8	20						
9	10						
<u>/</u> 10	}						
V 11	1						
V 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.

## **EN437 McGillicuddy Cruise**

Date: 7 / 7 /07 Station number: 174			ımber: 17	4_	INITIALS: RMR TIME (GMT): OS:25
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 171m SCAN #: 198 COMMENTS:
√1 √2					
V 3	150				
V 4 V 5					
6	40 30				
V <sub>8</sub>	20				
<u>√9</u> √10	10				
11,	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.

## **EN437 McGillicuddy Cruise**

Date: 7		Station nu	mber: //	5	INITIALS: RMR TIME (GMT): 06:20	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 135 (m) SCAN #: 217 COMMENTS:	
1	125					
V 2	125					
/3	125					
✓ 4	100	·				
√ 5	50					
6	40					
J,7	33					
8	20					
/ 9	10					
10						
<b>/</b> 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.

### **EN437 McGillicuddy Cruise**

Date: 7	<u>/ <sup>Z</sup> /</u> 07 §3	Station number: _ 176_			INITIALS: RMK  TIME (GMT): 67:21		
Bottle		Bottle Quality	Salt Box	Nuts Box	DEPTH: <u>/27m</u> SCAN #: <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</u>		
No.	DBars	Flag	Sample	Sample	COMMENTS:		
/ 1	117						
/ 2	117						
/ 3	117						
4	100						
5	50						
√ 6	Υσ		:				
1 7	30						
,/ 8	20						
/_9	10						
10	1						
1,1	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.

### **EN437 McGillicuddy Cruise**

Date: 7	Date: 7 / 2 /07 Station number: 177			TIME (GMT):	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 107 SCAN #: 193 COMMENTS:
V 1	100				
	[00]				
✓ 3	100				
V 4	100				
V 5	50				
V 6	40				
7	30				
V 8	20			·	
V 9	10				
✓ 10	1				
V 11	1				
V 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.

## **EN437 McGillicuddy Cruise**

	12/07	Station number: 178		8	INITIALS: 710 TIME (GMT): 8:56
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 71 SCAN #: 169 COMMENTS:
<u></u>	60				
<b>✓</b> 2	60				
V 3	60				
<b>1</b>	60				
V 5					
6	40				
7	30				
<b>✓</b> 8	20				
V 9	10				
10	1				
V 11	1				
V 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.

#### **EN437 McGillicuddy Cruise**

PUMP STATION

		,			
Date: 7 /2 /07 Station number: 178a				INITIALS: 4 PW  TIME (GMT): 9!43  DEPTH: 65	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 65 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.

Lat 55. 421 66 45.125 blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>/ 2</u> /07	Station number: 179			INITIALS: JPW TIME (GMT): 11:42		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 69 SCAN #: 217 COMMENTS:		
V 1	59						
V 2	59						
V 3	59						
4	59						
V 5	50						
	1 11 -			-			
V 7	30						
V 8	20			·			
V 9	10						
V 10	- 1						
V 11	1						
V 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.

#### **EN437 McGillicuddy Cruise**

Date: 7	<u></u>	Station number: 180			INITIALS: 3CP  TIME (GMT): 183 145/5  DEPTH: 63.
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>63</u>
Bottle	Pressure	Quality	Box	Box	20,111
No.	DBars	Flag	Sample	Sample	COMMENTS:
1/1	50				
1/2	50				
V 3	50				
<u>V</u> 4	50				
V 5	50				
6	40				
1/7	30				
1/8	70			-	
1/9	10				
10					
V 11	1				
V 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.

#### **EN437 McGillicuddy Cruise**

Date:/	7/2/07	Station r	number:	8L	INITIALS: <u>JCP</u> TIME (GMT): <u>183 14,54</u>
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>95</u>
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 49 COMMENTS:
1/1	84	i lag	Jampie	Sample	COMMENTS.
1/2	9/1				
1/3	84				
1/4	84				
V	50				
1/e			:	-	
V 7	30				
V 8	90				
	10	<u> </u>			
V 10	1				
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.

# **EN437 McGillicuddy Cruise**

·					INITIALS: JCP
Date: <u>7</u>	<u>_/_</u> &_/07	Station nu	umber: <u>  8</u>	?2_	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 183 1543  DEPTH: 105  SCAN #: 79  COMMENTS:
1/2	95				
1/3	95				
1/5	50				
V 6	30				
$V_{9}$	10		, <u></u>		
1/10					
$V_{12}$					

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.

#### **EN437 McGillicuddy Cruise**

Date: 7 / 2 /07 Station number: 193			ımber: 18	INITIALS: <u>VVVV</u> TIME (GMT): <u>16:17</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 67m SCAN #: 450 COMMENTS:
<b>/</b> 1	100				
√ 2	300				
√ 3	100				
√ 4	. 100				
5	50				
6	40		:		
V 7	30				
<i>✓</i> 8	20				
<b>J</b> 9	lo				
√ 10	1				
11	١				
V 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.

# **EN437 McGillicuddy Cruise**

Date:	<u>  = 1</u> 07	Station number: 184			INITIALS: RMR TIME (GMT): 17:02		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 102m SCAN #: 481 COMMENTS:		
1	4-2						
V 2	92						
1/3	47						
V /4	92						
5	50						
√ 6	40						
17	30						
√8	E)		:				
V / 9	113						
10							
11							
V 12	Į						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>/ ² /</u> 07 &3	Station number: 185			INITIALS: KMR TIME (GMT): 17:47
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH:/05 m SCAN #:
1 1	45				
$\frac{\sqrt{2}}{3}$	_				
V 4					
V 5	<u> </u>				
7	30				
√ 8 √ 9				:	
10					
11					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

18	_/ <u>~</u> _/07 }3	Station nu	umber: <u>18</u>		INITIALS: RMK TIME (GMT): 18:29
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 44 m SCAN #: 41 COMMENTS:
/ 1	84				
/ 2	84				
3	४५				
$\sqrt{4}$	84				
<b>/</b> 5	50				
6	40				
7	30				
8 / 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.

#### **EN437 McGillicuddy Cruise**

Date: 7 / 2 /07 Station number: 187				INITIALS: RMR TIME (GMT): 19:10	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>G9 m</u> SCAN #: COMMENTS:
1	62				
V 2	62				
/3	GΖ				
/ 4					
5	50				
V 6	40				
V 7	. ه 3				
/ 8	20				
V 9	10				
	1				
V 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.

pre-cast all ensors from e Supped Sensors from Nistors 12 place to 24 place from Nistors Now 1500 different + more Nistors

#### **EN437 McGillicuddy Cruise**

Date: 7 / 3 /07 Station number: 188				TIME (GMT): 10.36  DEPTH: 230		
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 236	
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 457 COMMENTS:	
1	220					
	ZIO					
3						
4	100					
5	100		-			
6	. ~		:			
7	110					
8	150					
9	1110					
10			<u> </u>			
11	10		<u> </u>			
12	110					

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date: 1	<u>/3</u> /07	Station n	umber: 18	8	INITIALS: TIME (GMT): 10:36		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 230 SCAN #: 457 COMMENTS:		
13 1	,						
14 2	00		•				
16 4	7.0						
17 5	<i>p</i>						
18 6	110						
20 8	<del> </del>						
21 g 22 10							
22 <sub>10</sub> 23 <sub>11</sub>							
24 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.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>/ 3 /</u> 07	Station nu	umber: 18	89	INITIALS: JCP TIME (GMT): 15:02		
Sample	Bottle	Bottle Salt		Nuts	DEPTH: <u>- 2014</u>		
Bottle	Pressure	Quality	Box	Box	SCAN #: 49		
No.	DBars	Flag	Sample	Sample	COMMENTS:		
1	60						
V2	50		<u></u>				
3	45						
1/4	40	4			I .		
5	38	, , , ,					
V 6	36						
1/7	34			·			
1/8							
9	30						
V 10	28						
11	96						
1/12	24				-		

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

	Date: _ 7	<u> 3</u> _/07	Station nu	mber: 18	9		ALS: امر/ونا (GMT):	1502 =
	Sample	Bottle	Bottle	Salt	Nuts	DEPT		204 49
	Bottle	Pressure	Quality	Box	Box	SCAN		- cld
	No.	DBars	Flag	Sample	Sample	COM	MENTS:	
V	13 #	22						
V	14 2	<del>20</del>						
	!5 z	18						
V	16 #	_16						
V	17 5	14						
V	18 5	12						
1	19 =	10						
V	20 E	8			·			
<i>\</i>	21 g	6						
V	22 12	4						
V	23 ⊭							
V	24	À						

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: <u>7</u>	<u>/ 3 /</u> 07 84	Station nu	ımber: 19	0	INITIALS: <u>RMR</u> TIME (GMT): 16:51
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>40m</u> SCAN #: 11   COMMENTS:
/ 1	30				
✓ 2	30				
√3	30				
4	30				top langual shortend pre-cest
5	30				g
6	30		:		
<u></u>	36				
√8	30			·	
9	36				top langual shortened pre-cas
10	28				toplanged shortened pre-cast toplanged shortened pre-cast
11	26				
/ 12	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: <u>7</u>	J <u>3</u> /07	Station nu	mber:	90		INITIALS:	
Sample Bottle No.	Bottle Bottle Salt Nuts Pressure Quality Box Box DBars Flag Sample Sample			DEPTH: 40 SCAN #: 111 COMMENTS:		40n	
13 V	29						
14 /-	20						
15 V 3	14						
16/3	16						
17 VE	<b>t</b>						
1. Y	12						
14 13	10						
20 √ 8	8						
2, 1	6						
17 \ 150	Ч						
23 VR	1						
2.1/18	}						

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date:	7,3 <sub>/07</sub> &4	Station nu	ımber: <u>19</u>	1	INITIALS: RMR TIME (GMT): 18:14
	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 35 M SCAN #: 30 ( COMMENTS:
1	28 28				
/ 2	38				
<u>√4</u> √5	28 28				
6	38				
V 7 √ 8	28 29				
9					
10	28 26				
12	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	//07	Station nu	mber:		INITIALS: TIME (GMT):	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH SCAN # COMMI	: : :
13 1	22			·		
14./2	20					,
15 3	- 18					
16 14	16					
,7 / 5	14					
17/6	12		:			
14	10			·		
20 1/8	۲					
21	9					
22 10	4					
27/1	ı					
24 12	ı					

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date: 7 / 3 /07 Station number: 192				INITIALS: RMR TIME (GMT): 19:29		
Sample	Bottle	Bottle	Sait	Nuts	DEPTH: 10 M	
Bottle No.		Quality Flag	Box Sample	Box Sample	SCAN #: <u>\\\\</u> COMMENTS:	
/ /	32	, lay	Sample	Jampie	COMMENTS.	
			<del> </del>			
2	32		<u> </u>			
<u> </u>	ろと				·	
4	32					
, 5	32					
6	32					
V 7	32					
✓ 8	32					
<b>√</b> 9	30					
10	28					
J 11	26					
V 12	२५					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	<i></i> /07	Station nu	mber:		INITIALS:		
Sample Bottle No.	Bottie Pressure DBars	Bottle Salt Quality Box Flag Sample		Nuts Box Sample	DEPTH: SCAN #: COMMENTS:		
13 √1	22						
14 /2,	20						
15/3	17						
16 / 4	16						
17 /5	lц						
15/6	12						
13/7	70						
20 /8	8						
21 19	6						
22/10	4						
23 11	•						
241/2	)						

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date: <u>7</u>	<u>, 3</u> <sub>/07</sub>	Station no	umber: 15	73	INITIALS: TIME (GMT): ZU:33
Sample Bottle No.	Bottle Pressure		Salt Box Sample	Nuts Box Sample	DEPTH: 38 SCAN #: 193 COMMENTS:
V 1	28				
2	1		<u> </u>		
3					
V 5					
5 V 6			:		
V 7	177				
√ 8					
V 9					
10	····		-		
11					
12	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

-	Date: 7 / 3 /07   Station number: 193					INITIALS: 710 TIME (GMT): 20:33	
	Sample		Bottle	Bottle	Salt	Nuts	DEPTH: 38
	Bottle No.		Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: COMMENTS:
1	13	4	22	i lag	Campio	Campic	COMMENTO.
<b>Born</b>	14	7	20		<del>                                     </del>		
T. War	15	2	•		<del>                                     </del>	-	
, ·		8	18				
<b>*</b>	16	A	16				
V	17	5	14				
1	18	8	12				
3	19	₹	Gl				
<b>W</b>	20	8	8				
Name of Street	21	8	b.				
V	22	10	4				
3200	23	1 <b>4</b>	1.				
<b>B</b>	ય	1₽2	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.

# **EN437 McGillicuddy Cruise**

Date: +	<u> </u>	Station r	number: 1	17	TIME (GMT): 22,66
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 53 SCAN #: 308 COMMENTS:
V 1	40				
V 2	40				
V 3	40				
4	40				
5	38				
<b>✓</b> 6	36				
7	34				
V 8	32		,		
<b>V</b> 9	30				
10	28				
11	26				
V <sub>12</sub>	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

-	Date: _		<u>//</u> 07	Station no	INITIALS:		
	Sample	)	Bottle	Bottle	Salt	Nuts	DEPTH:
	Bottle		Pressure	Quality	Box	Box	SCAN #:
	No.		DBars	Flag	Sample	Sample	COMMENTS:
V	13	#	22		<u> </u>		
1	14	Ĺ	20				
<b>V</b>	15	3	18			,	
	16	4	16				
/	17	Ð.	14				
/	18	8	12				
1	19	ø	10				
1	20	Ą	8				
<b>/</b>	21	<b>Q</b>	b				
<b>V</b>	22	1/8	4				
1	23	167	1				
<b>V</b>	3	褗	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.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>/3 /</u> 07	Station n	umber: <u>1</u> 9	5	INITIALS: 400 TIME (GMT): 23:11		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 65 SCAN #: 77 COMMENTS:		
V 1	50						
V 2	50						
3	45						
V 4	40						
5	38						
6	36						
V 7	34						
V 8	32						
<b>V</b> 9	30						
V 10	28						
11	26						
V 12	24						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

_	Date://07			Station n	umber:		INITIALS:		
	Sample	9	Bottle	Bottle	Salt	Nuts	DEPTH:		
	Bottle No.		Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: COMMENTS:		
V	13	<u> </u>	22	g		03	00		
V	14	2	20	-					
	15		100						
/	16	4	16	,					
✓	17	8	14	4/9			top closed but bottom didn't		
$\checkmark$	18	Ø	12		:				
	19	7	10			-			
V	20	Æ	8						
V	21	ø	6						
V	22	10	4						
V	23	1/4							
	24	1/2	l	4			tap closed but bottom didn't Dost cast - replace languard.		

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>/</u> 3 <u>/</u> 07	Station nu	umber: 19	INITIALS: <u>JCP</u> TIME (GMT): <u>185 00:45</u> DEPTH: <u>83</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 83 SCAN #: 49 COMMENTS:
V 1	50	1			
1 4 1 4	45 40				
1 6 1 7	36 34		· · · · · · · · · · · · · · · · · · ·		
1 9	32 30			·	
10 V 11	96 98				
12	24_		<u>l</u> .		

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	_//07	Station n	umber:	16	INITIALS: TIME (GMT):
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:
1/13	22				
1/14	26				
V 150	18	-			
V 160	16				
175	14				
1/188	12				
1190	10			•	
V 200	8				
V 210	6				
V 220	4				
1/230	j				
124e	İ				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: <u>7</u>	e: 7 / 3 /07 Station number: 197				INITIALS: JCP  TIME (GMT): 185 2,15  DEPTH: 98 SCAN #: COMMENTS:		
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <u>98</u>		
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: OMMENTS:		
V 1	60						
1/2	50						
1/3	45		Ĭ				
V 4	40						
V 5	38						
6	36		1				
V 7	34						
8	3-2						
1/9	30						
V 10	28		i.				
1/11	26						
V 12	24						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	_//07	Station nu	mber: 19	7	INITIALS:	
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:	
Bottle	Pressure	Quality	Box	Box	SCAN #:	
No.	DBars ·	Flag	Sample	Sample	COMMEN	NTS:
V 130	23					
V 148						
V 153	18					
160	16					
1/170	14					
V 180	12					
1/190	10					
1/30#	8					
1/210	6					
Van	4					
V 330						
V 246						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date: Z	Date: 7/3/07 Station number: 198				INITIALS: <u>JCP</u> TIME (GMT): <u>185 3,30</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 138 SCAN #: 49 COMMENTS:		
V 1	<i>60 50</i>						
3	45						
1/5							
1/7	34						
1/8	32 30						
10	26						
1/ 12	211						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date://07			mber: <u>19</u>	8	INITIALS:	
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:	
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: COMMENTS:	
1/130	3,2					
140	<b>a</b> 0					
158	18					
V160	16					
178	14					
1/180	12					
1/19=	10					
Vaga	م					
Vale	-					
V 23m	4					
1/33	1					
VAT .	*******					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

	/ <u>4</u> /07	Station nu	umber: 19	19	INITIALS: RMR TIME (GMT): 06°21		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>네네 M</u> SCAN #: 그녀: COMMENTS:		
1	60						
<b>√</b> 2	50						
√3	५८						
✓ <sub>4</sub>	40						
5	38						
√ 6	36						
<b>√</b> 7	34						
/ 8	32						
<b>/</b> 9	Zo						
10	28						
<b>√</b> ,11	26						
12	24						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	<u>/                                    </u>	7 Station number: 199		79	INITIALS:  TIME (GMT):	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:	
V13 1	22				Change Sampling value orangs blo	relasti ick toerange
153	16				L.f.	•
17 8	14				2 (	
19 8	10				ŧ.	
12/19	<del>                                     </del>				16	
13.19	ı					

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	/ <u>/</u> 4_/07	Station n	umber: <u>2</u>	00	INITIALS: 10W 7:49  TIME (GMT): 7:49  DEPTH: 92  SCAN #: 145  COMMENTS:		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample			
V 1	60						
<b>√</b> 2	70						
<b>√</b> 3	45						
V 4	40						
<b>√</b> 5	38						
<b>V</b> 6	36						
V 7	34			•			
<b>√</b> 8	32		,				
V 9	30						
10	25						
V <sub>11</sub>	20						
<b>√</b> 12	24						

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	_//07	Station n	umber:		INITIALS:
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:
13/ 1	22				
14 / 2	10				
15 / 8	18				
16 V 4	16				
17 /	14				
18 6	12				
19 1/2	/0				
20 /	8				
21/0	6				
22 /10	, 4				
23 /	1				
24 1 18	}				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 7	<u>/</u> <u>/</u> /07	Station nu	ımber: <b>2</b> 0	<u> </u>	TIME (GMT): 9/22
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: 78
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 7 * COMMENTS:
1	60				
V 2	50				
<i>i</i> 3	45				
4	40				
✓ <sub>5</sub>	38			-	
✓ 6	36		:		
V 7	34	:			
<b>✓</b> 8	32			·	
9	30			:	
<u>~ 10</u>	28				
V <sub>11</sub>	26				
<b>√</b> 12	24				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

-	Date://07			Station number: 201			INITIALS:  TIME (GMT):		
	Sample Bottle			Bottle	Salt	Nuts	DEPTH:		
	Bottle		Pressure	Quality	Box	Box	SCAN #:		
	No.		DBars	Flag	Sample	Sample	COMMENTS:		
	13	4	22			_			
<b>V</b>	e M	2	20						
/	50	8	18						
~	Ð	Ø	16						
	1	5	14						
	18	<u>a</u>	12		:				
/	!9	Ð	10						
~	20	8	8		:				
V	21	9	6						
~	22	16	4						
V	3	撝	1.						
	24	æ	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.

# **EN437 McGillicuddy Cruise**

Date: 7 / 4 /07		Station n	umber: 2c	ola.	INITIALS: <del>JPW</del> TIME (GMT): <u>10:31</u> DEPTH: 77
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 77 SCAN #: [45 COMMENTS:
2					
3					
5					
<u>6</u> 7			:		
8					
9					
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	station.			M. Swartz WHO
	Deploy ex	11:55 @	40	42.57 57.77

#### **EN437 McGillicuddy Cruise**

						~	+r D	
Date: 🛨	_/ <u>_4_</u> _/07	Station nu	mber: <b>20</b>	2	INITIALS TIME (GI	:   <b>25</b> MT):	JCP La:55	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMME		49	
1	_50							
1/2	50							
3	45							
1/4	40		·				***************************************	
1/5	38	· · ·						
V 6	36							
V 7	34							
V 8	39			·				
Vg	30							
V 10	බරි							
11	96	_						
1/12	34							

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date://07		Station no	umber: <u>2 (</u>	<u>ク</u> る		INITIALS: TIME (GMT):		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN	H:		
V 13.0					-			
V15.	18		-					
170	14		<u> </u>					
1/198	10							
V 208								
V 23.€ V 23.€	<del>                                     </del>							
V 24	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.

## **EN437 McGillicuddy Cruise**

Date: 7	14 107	Station n	umber: 21	03	INITIALS: <u>JCP</u> TIME (GMT): <u>185 15407</u> DEPTH: <u>55</u> SCAN #: 49
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:
Bottle	Pressure	Quality	Box	Box	SCAN #: <u>49</u>
No.	DBars	Flag	Sample	Sample	COMMENTS:
V 1	45				
1/2	45				
J 3	45				
1/4	40				
1/5	38				
1/6	70				
7	34				
1/8	32				
V 9	30				
1/10	- 38				
$V_{11}$	26				
12	24				

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date://07		Station nu	mber: 20	<u>)3</u>	INITIALS:		
Sample Bottle No.		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:		
1/130	22						
1/141	10						
V 150	16						
178	14						
1/186	12						
1190	10						
V200	8						
1/3310	<del></del>	<u>-</u>					
V 230							
Value							

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date:	Date: 7 / 4 /07 Station number: 304			INITIALS: <u>LMR</u> TIME (GMT): <u>16:40</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 68 M SCAN #: 122 COMMENTS:
/ 1	ଦେ				
√ 2	20				
/ 3	45				
✓ 4	٠ ٢				
/ 5	38				
6	36				
V, 7	34				
<b>√</b> 8	32			-	
V 9	<i>3</i> 0				
V 10	28				
11	26				
12	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	_//07	Station nu	mber:		INITI/ TIME	ALS:
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPT SCAN	TH:
131	22					
14 / 2	Zo					
12 1/8/	19					·
161	16					
17 / 5	14					
18 /	12			·		
19	10			,		
Z0 1/8	F					
21 10	6					
22 1	4					
23 1					·	
24/12	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.

#### **EN437 McGillicuddy Cruise**

Date: 7 / 4 /07		Station nu	mber: <u>20</u>	5_	INITIALS: <u>RMR</u> TIME (GMT): 18:13
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>97 m</u> SCAN #: <u>193</u> COMMENTS:
<b>1</b>	66				
√ 2	20				
√ 3	45				
/ 4	40				
√ 5	38				
√ 6	36				
J 7	34				
√ 8	32	-			
<b>/</b> 9	30				
レ <sub>10</sub>	28				
V 1,1	26				
12	24				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date:	_//07	Station nu	ımber:		INITIALS: TIME (GMT):	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:	
13 /4	22					
14 / 8	, 20					
15 /	18					
16/4	10					
17/3	14					
17/6	12		÷			
19/3	10					
20√ [8]	۶ ک					
a1 V 3	6					
88.1	j					
23 M						
24 V 13						

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 7 / 4 /07 Station number: 206			umber: <u>၂</u>	INITIALS: <u>RMA</u> TIME (GMT): <u>19:36</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: <u>145 m</u> SCAN #: <u>265</u> COMMENTS:
√1 √2	66 50				
✓ 3 ✓ 4					
√ 5 √ 6	38				
1/7	34				
/ 8	30		-		
/ 10 / 11					
V 12	24				

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date://07		Station no	umber:		INITIALS:
Sample Bottle No.		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:
13/4	3				
15/3					
16/4	16		<del> </del>		
17/8			:		
19 1/3 20 8	\$ 10 }				
31/3	6		1		
22√18 23√1€	4				
24/12	ď !				

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

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

blank = not reported.

#### **EN437 McGillicuddy Cruise**

Date: <b>7</b>	- <u>/</u> / <sub>/07</sub>	Station number: 207			INITIALS: 11W  TIME (GMT): 22:40  DEPTH: 124  SCAN #: 121  COMMENTS:		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 124 SCAN #: 121 COMMENTS:		
V 1	60						
<u> / 2</u>		<u> </u>					
V 3	Un						
5	24	<u></u>					
V 6	36						
7	34						
8	2						
10	200						
V 11	21						
V 12	24						

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**



	Date: 7 / 4 /07 Station number: 207  Sample Bottle Bottle Salt Nuts				INITIALS: <u>4PW</u> TIME (GMT): <u>22:40</u> DEPTH: <u>124</u>	
	Bottle	Pressure	Quality	Box	Box	SCAN#: <u>\21</u>
	No.	DBars	Flag	Sample	Sample	COMMENTS:
	13 1	22				
<b>'</b>	14 %	20				
V	15 %	18				
	16 4	16				
V	17 5	14				
	18 8	12		:		
<b>'</b>	19 %	10				,
/	20 ह	ક્ર	4			Top close of Buttom didn't
~	21 9	1 6				
	22 1	4	4			Top cluses/buttern didn't Top cluses/buttern elidn't
	23	1	4			Top cluse of buttern didn't
	24	١				

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date: 7	<u>/</u> <b>4</b> /07	Station number: 208			INITIALS: <u>JCP</u> TIME (GMT): <b>186</b> 0:04
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 186 0:04  DEPTH: 49  SCAN #: 49  COMMENTS:
V 1	60 50				
1/3	45				
1/6	7.6				
1 8	7				
10	28				
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.

#### **EN437 McGillicuddy Cruise**

Date://07 Station number: _2.6			8_	INITIA TIME (	LS:	
Sample Bottle No.		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTI SCAN	<del></del>
1/134	92					
140	20				:	
158	18	,				
1/16#	16					
V 17 6	14					
1/186	15			,		
1/19.	10					
1/20 6	8					
1/210	6					
V 20₩	4					
V 354						
V 2400			<u> </u>			

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

_	· · · · · · · · · · · · · · · · ·				· +~0
Date: <u>7 / 4 /</u> 07		Station nu	mber: <u>a (</u>	29	TIME (GMT): 186 1:25
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 77 SCAN #: 49 COMMENTS:
1/1	60				
1/3	50				
1/3	- 45				
4	40				
5	38				
1/6	36		:		
7	34				
1/8	32			·	
1/9	30				
10	% ₩				
1/11	4				
1/12	24				

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

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

blank = not reported.

## **EN437 McGillicuddy Cruise**

Date:	_//07	Station number: 309			INITIALS:		
Sample Bottle No.		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: SCAN #: COMMENTS:		
V 130	99						
1/140	90						
V 150	18						
V160	16						
1/170	14						
180	12						
1/90	10						
Vaoi	8						
Va	6		_				
V200	4						
Vas							
/aHm	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.

# **EN437 McGillicuddy Cruise**

Date: 7	<u>, 4</u> ,07	Station number: <u>210</u>			INITIALS: JCP  TIME (GMT): 186 J: 35  DEPTH: 59  SCAN #: 49
Sample	Bottle	Bottle	Salt	Nuts	DEPTH: <b>69</b>
Bottle No.	Pressure DBars	Quality Flag	Box Sample	Box Sample	SCAN #: 74 COMMENTS:
V 1	60				,
1/2	50		:		
V 3	45				
V 4	40				
1/5	38				
1/6					
$\nu_{z}$	34 30		_	·	
1/8	1				
V 9	30				
V 10	38				
1/11	96				
1/12	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:			ımber: 2/	10	INITIALS:  TIME (GMT):
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:
Bottle	Pressure	Quality	Box	Box	SCAN #:
No.	DBars	Flag	Sample	Sample	COMMENTS:
1/30	99				
140					
V158	18				
V160	16				
V178	3 / /				
V188					
VICIO	10				
V 208	8				
1/2/19					
1/3200	4				
V230	1				
Vatre					

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

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

## **EN437 McGillicuddy Cruise**

Date: 7 / 4 /07 Station n			umber: <u>3</u>	<u> </u>	INITIALS: <u>JCP</u> TIME (GMT): 186_3:31
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	DEPTH: 54 SCAN #: 79 COMMENTS:
1/2	45 45				
V 3	45				
1 6	36				
8	32 32				
V 10	28				
12	24				

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

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

blank = not reported.

# **EN437 McGillicuddy Cruise**

Date:	//07	Station number: 2/1			INITIALS:  TIME (GMT):	
Sample	Bottle	Bottle	Salt	Nuts	DEPTH:	
Bottle	Pressure	Quality	Box	Box	SCAN #:	
No.	DBars	Flag	Sample	Sample	COMMENTS:	
1/3.	22					
140	20					
V 158	18					
V164	16			·		
170	14					
V 120	19					
V194						
Value	B			:		
1/2/1	6					
Vario	4					
V2310	The state of the s					
V3410	Tarket.					

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

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

blank = not reported.