## **EN435 McGillicuddy Cruise**

	ND	16				18 m
	Date: <u>5</u>	,, ,,	Station nu	mber: <u>&amp; C</u>	> <u>1</u>	INITIALS:
: /	Sample Bottle No.	Bottle Pressure DBars		Salt Box Sample	Nuts Box Sample	SN <del>6769</del> COMMENTS:
//	1	10				
<b>V</b>	3	10			<u> </u>	
$\checkmark$	4	10				
$\checkmark$	5	10			1	
$\checkmark$	6 7	10	<u> </u>			
	8	10				
	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.

#### **EN435 McGillicuddy Cruise**

Depoth: 31m INITIALS: Date: <u>5 / 17</u>/07 Station number: 002 TIME (GMT): 21:37 Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box Box\_ No. DBars Sample Flag COMMENTS: Sample 20 20 10 20 20 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.

## **EN435 McGillicuddy Cruise**

Hunder = 40m

Data: 5	<u>/ 17</u> /07	Station nu	mber:0	9 Z	INITIA		JPM
Date.	<u>, , ,</u> ,07	Station nu	mber:o	<del>, ,</del>	TIME	(GMT):	23:26
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	-	へい # MENTS:	23:26
√ <sub>1</sub>	3 O		· · · · · · · · · · · · · · · · · · ·	, ,			
/ 2	30						
√ 3	30						
√ 4	30						
√ 5	30		•				
√ 6	30						
<b>/</b> 7	30						
√ 8	20						
√ 9	10				-		
√ <sub>10</sub>	1						
√ 11	1.						
J 12	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.

# **EN435 McGillicuddy Cruise**

	るら	52				1/1/6		
	Date: <u>5</u>	<u>/ 18</u> /07	Station nu	ımber: <u>o</u> c	94	INITIALS: KWS  TIME (GMT): 12:45		
	Sample Bottle Bottle Salt Nuts Bottle Pressure Quality Box Box No. DBars Flag Sample Sample		SCAN # 385 COMMENTS:					
V/	1	40				DID NOT FIRE		
V	2	40						
	3							
	4	40						
	5							
<b>V</b>	6							
	7	30						
	8							
	9	'.						
	10							
	11	\ \						
	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.

# **EN435 McGillicuddy Cruise**

	WD.	26				_		12
	Date: <u>5</u>	<u>/ 18_</u> /07	Station number: 005			INITIA TIME	ALS: (GMT):	KWS 03:47
/	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	504	N 井 _ MENTS:	
•	1	20						
	/ 2	20						
ئىمىمى مە	3	20						
	4	20						-
	5	20		,				
Ý,	6	20						·
	/ 7	20						
<u> </u>	8	20	/					
	9	10						
· ·	10	1						
	11	1						
To the second second second	12	1						

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

Depth: 23 m HED INITIALS: Date: 5 /18/07 Station number: 006 05:40 TIME (GMT): Sample Bottle Bottle Salt Nuts 529 SCAN # Bottie Pressure Quality Box\_ Box DBars **COMMENTS:** No. Flag Sample Sample 10 10 10 10 10 10 10 10 × 10

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

- 2 = No problems noted.
- 3 = Leaking bottle.

<1<u>1</u>1

√12

1

- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.

blank = not reported.

## **EN435 McGillicuddy Cruise**

Depth: 68m

Date: <u>≤</u>	<u>/                                    </u>	Station r	number: <u><i>OC</i></u>	17	INITIALS: _		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	S(Ar) # COMMENTS:		
V 1	60						
V 2	60						
ν 3							
V 4	60						
√ 5	50		1				
√6	40						
	30				_		
1 B	20						
√ 9	10			,			
V10	1						
<i>&gt;</i> 11	j						
√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.

## **EN435 McGillicuddy Cruise**

					برك	p. "	,	
Date: <u>5</u>	/ <u>(\$</u> /07	Station r	number: <u>O</u> C	78	INIT!/	, ALS: (GMT):	- 02 - A - M	PM —
Bottle Pressure		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 65		650	
<b>√</b> 1	120							
<b>√</b> 2	120							
√ <sub>3</sub>	120							
<b>√</b> 4	10.0							
<b>√</b> 5	5.6							
<b>J</b> 6	40						-	
√ 7	30							
✓ 8	30					ઢ	bottles 031	710
<b>√</b> 9	20					,		,
<b>√</b> ,10	10							
11	1							
12	1					=.		

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

Depth; 197

	10	T		a	INITIA	LS: _	JPM	
Date:	/18/07	Station n	number:	<u> </u>	TIME	(GMT): _	0937	
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box		SCAI	V #	750	
No.	DBars	Flag	Sample	Sample	COMM	MENTS:		
\sqrt{1}	190							
$\sqrt{2}$								
_ √ 3	150							
√ 4	100							
5	50							
√ 6	40		:				-	
<b>V</b> 7	30							
√ 8	20							
	10							
√ <sub>10</sub>	1							
√ 11	1							
√ <sub>12</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.

#### **EN435 McGillicuddy Cruise**

Depth: 200 **INITIALS:** Station number: 010 Date: 5 / 18 /07 TIME (GMT): 1106 Sample Bottle Bottle Salt Nuts 433 SCAN #\_ Bottle Pressure Quality Box\_ Box Flag No. DBars Sample Sample COMMENTS: 195 195 150 100 50 40 30 20 10 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.

### **EN435 McGillicuddy Cruise**

DEPTH: 223 KWS **INITIALS:** Date: <u>5 / 18</u>/07 Station number: 911 13:40 TIME (GMT): \_ Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box Box No. DBars Flag Sample COMMENTS: Sample 210 200 15c Icc 50 4 c 30 20 10 10 Internal spring come underether 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.

## **EN435 McGillicuddy Cruise**

						りに	51261-1	409	
-	Date: 5	07 <u>ءا /</u>	Station nu	mber:l	2	INITI/		Kws 14:58	
<b>'</b>	Sample Bottle No.	Bottle Pressure Quality Box Box			SCAN# 169 COMMENTS:				
_/	1	200							
<b>/</b> .	<i>ງ</i> 2	200							
V	⁄ 3	150							
ď	<u> </u>	100							
$\mathbf{V}_{\mathbf{v}}$	5								
	6	40							
V/	7	<i>3</i> c							
$\checkmark$	8	2c							
<b>_</b> /	9	\ c							
	10	١							
	11	1		- <u>-</u>					
	12	1						·	

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

DEPTH: 172 m HED **INITIALS:** Date: <u>5 / / 1</u> /07 Station number: 013 TIME (GMT): 16:25 Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Box\_ Quality Box\_ DBars No. Flag Sample Sample COMMENTS: 165 165 150 100 5000 40 30 20 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.

# **EN435 McGillicuddy Cruise**

DEPTH: 78n

Date: <u>5</u>	<u>/ 18</u> _/07	Station nu	mber: <u>14</u>		INITI. TIME	ALS:	HED 17:58 500	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	,	₩#_ MENTS:	500	
1	70							
V2	70		•					
√ <sub>3</sub>	70							
√ <sub>4</sub>	70							
5	50		,					
√ <sub>6</sub>	40							
V7	30							
<b>/</b> 8	20							
1/9	10							
10								
<b>1</b> 11	. / (3)							
12	1(3)							

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

depth: 60m

,-	- 16				INITIAL	.s: _	JPM	
Date:	<u>  18</u> /07	Station nu	ımber:	<u> </u>	TIME (GMT): _ SCA ル は _		21:41	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA N COMM	•	792	<del></del> -
<b>√</b> 1	50							
<b>/</b> 2	50						· · · · · · · · · · · · · · · · · · ·	
√ 3	50							
√, 4	50							
$\sqrt{5}$	50		,					
√ 6	_							•
	30							
√ 8	20							
9	10							
<b>1</b> 0	3							
J 11	3						•	
12	W					•		

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

Depth: 56

Date: <u>5</u>	<u>/ / 8 /</u> 07	Station no	umber:	16	INITIALS: JM  TIME (GMT): 23,32
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	5(AN步 <u>800</u> COMMENTS:
V 1	50				
$\sqrt{2}$	50				
,/3	50				
/ 4	50				
√ 5	50				
√ 6	40				
$\sqrt{7}$	30				
√ 8	20				
√ 9	10				
√ 10	1				
J 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.

# **EN435 McGillicuddy Cruise**

						Depth: 30
	Date: <u>5</u>	<u>/ 19</u> /07	Station no	umber: 1	7	Depth: 30 INITIALS: 1<5 TIME (GMT): 01:11
7,	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 380 COMMENTS:
/	1	2 c				
	2	·				
<b>V</b>	3	<del>-</del>				
<b>V</b>	4	20			:	
	. 5	20		· 		
	6	26				
/	7	20				
0	8	20				
V	9	١٥				
V	10					
	11	,				
/	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.

# **EN435 McGillicuddy Cruise**

UD	18				Dep	th:	19m		
Date: <u>5 / 19 /</u> 07		Station n	umber:	&	Depth: 19m INITIALS: KWS TIME (GMT): Qz:59				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	50		265		
1	19								
2	10								
3	10								
4	NC.							l	
5	\ c								
6	10								
7	)c								
8	10	<u> </u>							
9	le								
10	1				4	Better	in capalidat close	No Sample	
11	}								
12	1								

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

2 = No problems noted.

3 = Leaking bottle.

Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

# **EN435 McGillicuddy Cruise**

					Dept	h: 47m	
Date: 5	/ <b>_/9</b> /07	Station nu	mber: 10	<u> </u>	INITIALS: <u>HED</u> TIME (GMT): <u>04:31</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA	N # <u>400</u> MENTS:	
V1	40						
V 2	40						
V3	40						
V 4	40						
V 5	40						
V 6							
<b>√</b> 7	30						
1/8	20						
V9	10						
<b>√</b> 10	1		:				
1/11	/						
<b>√</b> 12	1	ĺ					

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

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

blank = not reported.

#### **EN435 McGillicuddy Cruise**

Depth: Stem 83m INITIALS: Date: 5/19/07 Station number: 20 TIME (GMT): \_\_06:05 Sample Bottle Bottle Salt Nuts SCAN# \_ 500 Bottle Pressure Quality Box\_ Box. Sample No. **DBars** Flag Sample COMMENTS: 78 78 78 50 40 30 20 10 1 (3. ¥10 V11 1 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.

# **EN435 McGillicuddy Cruise**

Date: <u></u>	1 <u>[9</u> _107	Station no	umber: $\overline{\mathcal{Q}}$	'/_	Depth: 63 m INITIALS: <u>HED</u> TIME (GMT): <u>07:45</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 505 COMMENTS:
/1	50				
	50				
/ <sub>3</sub>	50				
V <sub>4</sub>	50				
√5	50		<i>'</i>		
/6					
¥ 7	30				
√8	20				
<b>√</b> 9					
/10	1				
1,1					
12	ν				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 50m
Date: _ <u>5</u>	`_/ <u>_/9_</u> _/07	Station nu	umber:2	12	INITIALS: JPM TIME (GMT): 09:33
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 600
√ 1	40				
V 2	46				
√ 3	40				
$\sqrt{}$ , 4	40				
J, 5	40				
√ <sub>6</sub>	46				
1/,7	36				
, 8	20				
9	10				
√ <sub>10</sub>					
√, 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.

# **EN435 McGillicuddy Cruise**

					Depth: 124		
Date: _ <u>5</u>	_/ <u>_<b>1 %</b></u> /07	Station n	umber: _ <i>6</i>	23_	INITIALS: JPM  TIME (GMT): 11:03 GMT		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN# 385 COMMENTS:		
√ 1	119						
√ 2	119						
<b>/</b> 3	119						
<b>√</b> , 4	100						
<b>V</b> , 5	56						
<b>V</b> 6	11.0						
$\sqrt{7}$	30						
√ 8	20						
<b>V</b> 9	/0						
	1						
√ 11	}						
√ 12	1						

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

						Dept	200	
	Date: 5	<u>/ 19</u> /07	Station nu	Station number: 24			1: 200 LS: KWS (GMT): 12:46 N# 545	
ï	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA COMM	N# 545 MENTS:	
V	1	195						-
/	2	195						
$\checkmark$	/ 3	150	- ***					
4	4	100						
$\sim$	5							
$\sqrt{/}$	6					·		
$\bigvee_{f}$	7	\$30 20						
<i></i>	8	20						
	9	10						
	10	ĺ						
	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.

## **EN435 McGillicuddy Cruise**

-	· · · · · · · · · · · · · · · · · · ·		ï			Depth: 258 INITIALS: KWS
	Date: <u>5</u>	<u>/ [9 /</u> 07	Station nu	mber: Z	5	TIME (GMT): 14:11
` /	Sample Bottle No.	tle Pressure Quality Box Box		Box	SCANA 409	
	1	250				
	/ 2					
V	3	15c				
	/ 4	100				
	5	5c				
V	6	40				
	7.	3 <sub>C</sub>				
_	8	Z <sub>C</sub>			·	
	9	10				
	10	١				
	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.

## **EN435 McGillicuddy Cruise**

					Depth	, તે	HED.	
Date: <u>5</u>	<u>/ <b>/?</b></u> /07	Station nu	ımber: 2	6	INITIA! TIME (		HED 17:04	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA		200	
1	228							
√ <sub>2</sub>	200					-		-
/3	150							-
1/4	100							
	50							
/6	40							
h	30							
<b>√</b> 8	20							
<b>/</b> 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.

## **EN435 McGillicuddy Cruise**

					Depth: 169 m
Date: 5	<u>/ 19</u> /07	Station number: 27			INITIALS: <u>HED</u> TIME (GMT):
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	S(AN # 200 COMMENTS:
1	160				
V2	160				
<b>√</b> 3	150				
1	100				
/5	50				
<b>1</b> 6	40				
S	30				
18	20				
√ <sub>9</sub>	10				
V10	1				
41,	1				
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.

## **EN435 McGillicuddy Cruise**

					Vepin 114m
Date: <u>5 / / 9 /</u> 07 Station number: <u>28</u>			ımber: <u>23</u>	8	INITIALS: HED JPM  TIME (GMT): 2000 GMT
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 193 COMMENTS:
√ <sub>1</sub>	106				
/ 2					
√, 3	100				
√ 4	100				
√ 5	50		•		
√ 6	1				
√ 7	30				
√ 8	20				
<b>y</b> 9	10				
√ <sub>10</sub>	1				
√ <u>,</u> 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.

94

### **EN435 McGillicuddy Cruise**

					Depth: /1
Data: 5	<u>/ 19</u> /07	Ctation nu	mber: 2	9	INITIALS: JBM
Date		Station nu	mber; _ <u>&amp;</u>		TIME (GMT): 2123
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # missed
√ 1	98				
√ 2	8 <i>6</i>				
√ 3	88				
√, 5	50		,		
√ 6	40				
√ 7	30				
√ 8	20				
√, 9	16				
10	1				
<b>√</b> 11	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.

W/driffer \$75203 deployed @ M. Swartz WHOI

#### **EN435 McGillicuddy Cruise**

					Depth; 46
Date: 5	<u>/ 19</u> /07	Station nu	ımber:	o S	INITIALS: JPM  TIME (GMT): 22:45
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN# 289 COMMENTS:
J 1	40				
√ 2	40				
√ 3	40				
V/4	40				
5	40				
√ 6	40				
$\sqrt{7}$	30				
√ 8	20				
<b>V</b> 9	10				
<b>1</b> 0	10				
. √ 11	10				
<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.

### **EN435 McGillicuddy Cruise**

						Depth: 5&   Initials: <u>KWS</u>		
	Date: 5	<u>/</u> 20 <sub>/07</sub>	Station number: 3 l			INITIALS: KWS TIME (GMT): 00:17		
ī	Sample Bottle Bottle Salt Nuts Bottle Pressure Quality Box Box Box Sample Sample				SCAN# 313 COMMENTS:			
/	1	50						
<i>,</i>	2	5.						
	3							
	4	§ •						
	5							
4	/ 6	40		<u> </u>				
<b>V</b>	7	30						
4	/ 8	20.						
V	9	10						
	· 10	<u> </u>						
	11							
	12	Ŋ						

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

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

blank = not reported.

drifter 75201 deployed

### **EN435 McGillicuddy Cruise**

Date: <u>5</u>	_/ <b>2.0</b> _/07	Station n	umber: 3	2_		h: ZC LS: <u>KW</u> (GMT): <u>01:</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 290 COMMENTS:			-
1	40							
2	10							
3	7-C							
4	40							
5	10					***	<u> </u>	
6	20							7
7	10							7
8	10							
9	10							
10	1							
11	1							
12	1		1			mis fire		
Bottle Qua	lity Flag Co	des: (Se	ource: WHF	Data Repor	ting Require	ments sec 3.4.1)	322 conto	ins my Ahin

,

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Denth, 39m
Date: 5	<u>120</u> 107	Station n	umber: <u>.<b>3</b>.</u>	3_	Depth: 39m  Depth: HED  INITIALS: HED  TIME (GMT): 07:39  SCAN # 385
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 385
1	30				
2					
/3	30				
4	30				
	30		<u> </u>		
-/6					
V <sub>7</sub>	30				
V <sub>8</sub>	20				
<sup>'</sup> 9	10				
10	1				
711	/				
12	1				

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

Date: 5	_/ <b>_2                                   </b>	Station r	number: <u>3</u>	Depth: 55 INITIALS: JPM TIME (GMT): 0921	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN# 433 COMMENTS:
<b>1</b>	50				
√ 2	50				
<b>√</b> 3	50				
<b>√</b> 4	50				
<b>√</b> 5			·		
<b>√</b> 6					
<u>√</u> 7		<b></b>			
√ 8					
√ 9	10				
10	- Louis				
√ 11	1				
<b>1</b> 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.

# **EN435 McGillicuddy Cruise**

					Depth 122
Date: <u>5 / 20 /</u> 07		Station nu	ımber:	35	INITIALS: 1112
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 529 COMMENTS:
- 🗸 1	115				
V 2	115				
V.3	115				
<b>1</b> 4	100				
<b>V</b> 5	50		1		
V 6	40				·
<b>1</b> 7	30				
<b>/</b> 8	20				
<b>V</b> , 9	10				
10	, Landson				
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.

## **EN435 McGillicuddy Cruise**

	r					WD	158	
_	Date: 5	<u> 520</u> /07	Station nu	mber: 2	6	INITIALS: .	188 KWS 12:40	
·	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN #	241	
_/	1	145				Hu	NE	X
	2	145						
MARKET	<u> </u>	125				1-100	16	سلر
	4	0						
	_ 5	0						
	6	40						
<b>✓</b>	7	30						
/	- 8	20						
	9	10						
p.	10	***************************************						
See	11	\						
and the second	12	1						

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

0	NI.	arabl.		noted.
ンニ	חעו	propi	ems.	notea.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

Add	length to	1914 1,34	5.
i	between	CTO 636 + 03	37 GC

#### **EN435 McGillicuddy Cruise**

DEPTH = 112-10 7- DREFT

Date: 5	Date: 5 / 20/07 Station number: 037		INITIA TIME	 (GMT): _	13:59 Kus			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SC	A N 社 MENTS:	217	_
	95							
2	95		*					
3	95					-		
	95							
ŧ	50							·
/ 6	40						-	
7	30		·		1 ****			
/ 8	3 20						<del></del>	
9	10							
10	\							
11	\							
12	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.

## **EN435 McGillicuddy Cruise**

						WD: 215
-	Date: 5	<u>/ 2<i>0</i></u> /07	Station n	umber: Q	3 <i>B</i>	INITIALS: KWS  TIME (GMT): 15:05
	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 18:05  S(AN # 300!  COMMENTS:
V	/ 1	203				
	2	206				
/	. 3	150				
	4	100				
	/ 5	50				
$\checkmark$	6	40				
	7	30				
/	8	20				
	9	10				
	10	1				
	11	1				
	12	1				

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

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

blank = not reported.

#### **EN435 McGillicuddy Cruise**

Depth: 18/m **INITIALS:** Date: 5/20/07 Station number: 39 Sample Salt Bottle Bottle Nuts SCAN & 650 Bottle Box . Pressure Quality Box\_ No. **DBars** Flag Sample Sample COMMENTS: 175 150 /00 50 40 30 20 10 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.

Precast - Change internal tension on
Wiskin I from black nobbertubing to monofilament
4 Coated spring as in other Wiskins.
Tension is now greater
M. Swartz WHOI

#### **EN435 McGillicuddy Cruise**

Depth: 6/m INITIALS: Date: 5 / 20/07 Station number: 40 TIME (GMT): 18:15 Sample Bottle Bottle Salt Nuts SCAN# 400 Bottle Pressure Quality Box Box **DBars** COMMENTS: No. Flag Sample Sample 50 50 50 50 50 40 30 20 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.

#### **EN435 McGillicuddy Cruise**

**INITIALS:** Date: 5 120/07 Station number: 41 TIME (GMT): 19:22 Sample Bottle Bottle Salt Nuts SCAN # 600 Bottle Pressure Quality Box Box **DBars** COMMENTS: No. Flag Sample Sample 140 140 100 50 40 30 20 **/**9 10 V10

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 1/d
Date: 5	<u>, 20,<sub>07</sub></u>	Station n	umber:	INITIALS: JPM	
Date		Otation	uiiiDei		TIME (GMT): 2040
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 2040 S(Aい 年 650 COMMENTS:
1	165				
√ 2	, , , , , , , , ,				
<b>3</b>	150				
<u> </u>	100				
√, <u>5</u>	50		,		
6	40				
√ 7	30				
V 8	20				
V, 9	10				
V 10	١				
V/11	1				
/ 12	1 1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth 100
Date: <u>5 / 20 /</u> 07 Station number: <u>43</u>			ımber:	INITIALS: JPM  TIME (GMT): 2203	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN并 800 COMMENTS:
V 1	132				
/ 2	137				
√ 3	132				
//4	100				
5	50				
6	40				
√ 7	30				
V ,8	20				
9	į d				
10	1				
<b>1</b> 1	1				
J 12	1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

		4			Depth: 75
Date: 5	5 <u>/</u> 2 <b>0</b> /07	Station nu	ımber:	14	INITIALS: JPM  TIME (GMT): 2338
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 700 comments:
	70				
	70		•		
<b>V</b> .	70				
	170				
<b>1</b>	50				·
	40				
	30				
\(\sigma\)	Z 0				
	10				
10					
V/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.

**EN435 McGillicuddy Cruise** 

Station number: <u>45</u>

Salt

CTD 045.\*

Bottle

Date: 5 / 2 / 07

Bottle

Sample

Depth: 30 INITIALS: KWS

SCAN # 290

COMMENTS:

Bottle	Pressure	Quality	Box	Box	SCAN P
No.	DBars	Flag	Sample	Sample	COMMENTS:
1	20				
2	20		"-		
3	20				
4	2 c				
5	20		•		
6		-			·
7	20				
8	20				
9	10				
10	{				
11	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.

## **EN435 McGillicuddy Cruise**

					Pepth:		
Date: 5	12/107	Station n	number: <u>4</u>	6	INITIALS: KWS TIME (GMT): Q1=54		
Sample Bottle No.			SCAND 193				
1	10						
2	10						
3	10						
4	10						
5	10						
6	10						
7	10						
8	10						
9	10						
10	1						
11	1						
12							

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 30  INITIALS: KWS		
Date: <u>5 / 2 [</u> /07		Station n	umber: <u>04</u>	Spump	INITIALS: KWS  TIME (GMT): -03:20 - 03:4		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN#		
1					PUMP PROFILE		
2					NO WATTER TAKEN		
3					FILE IS		
4					FILE IS GED 045 pump. dut		
5	; 			ļ	,		
6					although done after		
7	,				CTO 046.		
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.

#### **EN435 McGillicuddy Cruise**

Depth: Warm 36m INITIALS: Date: 5 /21 /07 Station number: 47 TIME (GMT): 06;45 Sample Bottle Bottle Salt Nuts SCAN# 600 Bottle Pressure Quality Box Box\_ No. **DBars** COMMENTS: Flag Sample Sample 30 30 30 30 30 30 30 20 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.

## **EN435 McGillicuddy Cruise**

					Depth: 92m Initials: <u>HED</u>
Date: <u>5</u>	<u>' / &amp;/</u> /07	Station r	number: <u>4</u>	8_	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 7:35  SCANA XK  COMMENTS:
1	80				
	80				
V3	80				
4	80	Ţ			
5					
6	40				·
7	30				
V <sub>8</sub>	20				
49	16				
10	1				
11	1				
12	1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					De p	th:	1/5	
Date: 5 / 21 /07 Station number: 49			9	INITIA		JPM 084		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA	N ル MENTS:		ssed
V _1	168							
√ 2								
√/3	15C					,		
√ 4	100							
<b>5</b>	50		,					,
√ 6	40							
7	30							·
√ 8	20							
. , 9	16						-	
√ <sub>10</sub>	(							
√ 11	l							
√ 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.

## **EN435 McGillicuddy Cruise**

					Depth: ~130
Date: 5 /21 /07 Station number: 50					INITIALS: JPM  TIME (GMT): 100Z
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN = ~900 COMMENTS:
$\sqrt{1}$	125				
$\sqrt{2}$	125				
<b>√</b> , 3	125				
√ 4	100				
<b>1</b> 5	50				
√ 6	40				
	3 0				
/ 8	20				
	16				
√ 10	1				
//11					
12	1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 164
Date: 5	<u>/21 /07</u>	Station nu	mber: 05	51	I INITIALS: 15 M
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 1114  S(AN) \$ (625)  COMMENTS:
√ 1	166				
$\sqrt{}$ 2	l				
✓ 3	150				
1/4	106				
√ 5					
V , 6	40		:		·
7	30				
<b>/</b> , 8	20				
9	10				
√, 10	1				
V 11	1	-			
<b>1</b> 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.

## **EN435 McGillicuddy Cruise**

						Depth: 153
-	Date: <u>S</u>	/21/07	Station no	Depth: 155 INITIALS: KWS TIME (GMT): 12:25		
٠,	Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 457 COMMENTS:
	1	145				
	2	145		· · · ·		
/	3	195				
/	4	100				
	5	50				
,/	6	40				·
/	7	30				
	. 8	50				
	9	10				
	10	l				
	11					
	12	· Company				

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					Depth: 180 INITIALS: KWS
Date: 5	<u> 121</u> /07	Station number: 053			INITIALS: KWS TIME (GMT): 13:39
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN# 265 COMMENTS:
1	170				
2	170			-	
3	150				
4	100				
5	50				
6	40				·
7	30				
. 8	20				
9	10	<u> </u>			
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.

## **EN435 McGillicuddy Cruise**

					Depth: 166m INITIALS: <u>HED</u>
Date: 5	<u> </u>	Station nu	mber: <u>5</u>		INITIALS: <u>HEV</u> TIME (GMT): <u>16:45</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Esample	Nuts Box Sample	SCAN # 400 COMMENTS: 1st station for Salt bottles
1 2	160		1		
43 V4	150		<i>а</i> 3		
<u></u>					
	30				
8	4 .				* bottle leaking
11	1				
12	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.

## **EN435 McGillicuddy Cruise**

					Dept	h; 10	2 W
Date: 5	<u> 121</u> 107	Station nu	Station number: 55				HED 17:57
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>/4</u> Sample	Nuts Box Sample	SCA		660
1	180						
2	180		4				
3	150		5				
4	100		6				
$\nu_5$	50						
<b>4</b> 6	40					·	
7	30						
1/8	20						
19	16						
10	)					•	
10 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.

## **EN435 McGillicuddy Cruise**

Date:         5 / 21 / 07         Station number:         36           Sample Bottle Bottle Pressure No.         Bottle Pressure DBars         Box Box Box Box Box COMMENTS:         Sample Sample         SCAN # 3075 COMMENTS:           1 /65         2 /65         3 /50         COMMENTS:           4 /00         4 /00         COMMENTS:						Depth: 173m INITIALS: <u>HED</u>
No. DBars Flag Sample Sample COMMENTS:  1 /65 2 /65 3 /50 4 /00 5 50 6 40 7 30 8 20 9 10	Date: 5 / 21 /07		Station nu	ımber: <u>57</u>	0	
2 165 3 150 4 100 5 50 6 40 7 30 8 20 9 10	Bottle	Pressure	Quality	Box	Box	
3 150 4 100 5 50 6 40 7 30 8 20 9 10	1	165				
4 100 5 50 6 40 7 30 8 20 9 10			<u> </u>	<u> </u>		
5 50 -6 40 -7 30 -8 20 -9 10		1	<del> </del>	<u> </u>		
6     40       7     30       8     20       9     10	4	100				
7     30       8     20       9     10	2 6	40				
9 10	47	30				
9 10	8	20				
1/	9	10		ļ	_	
10 1	10	1				
11   12	,		<u> </u>	<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.

#### **EN435 McGillicuddy Cruise**

Depth: 136 INITIALS: Date: 5 / 21 /07 Station number: \_ TIME (GMT): 2017 Sample Bottle Bottle Salt Nuts 385 SCAN # Bottle Pressure Quality Box Box **DBars** COMMENTS: No. Flag Sample Sample 130 2 130 130 100 50 40 30 ZÒ 10 10 1

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					Depth. 103
Date: 5	<u> 161</u> 07	Station n	umber:	00	INITIALS: JPM TIME (GMT): 2/24
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN ₽ 741 COMMENTS:
<b>√</b> 1	96				
V 2	96				
<b>3</b>	96				
4	96 96				
<b>√</b> . 5	~ ~				
V 6	40				·
7	30				
√ 8	30				
<b>V</b> 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.

## **EN435 McGillicuddy Cruise**

					Dept	4. 9	1
Date: 5		Station nu	umber:5	9	INITIALS: _		2234
Sample Bottle No.		Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	50A		Missed
<b>√</b> 1	86						
$\sqrt{2}$	86						
√ 3							
V 4	86						
	50						
_ √ 6	40		:				
	30						
√ 8	20						
√ 9	10		<u> </u>				
√ 10	1						
<b>V</b> ,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.

## **EN435 McGillicuddy Cruise**

					Depth: 40 - 70		
Date:	5 <u>/ 22</u> /07	Station n	number:	<u> </u>	Depth: 40-70 INITIALS: 1PM/KS TIME (GMT): 23:58		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Quality Box Box		TIME (GMT): 23:58  5(AN # 337  COMMENTS:		
	140						
	240						
	340	<u> </u>					
	4 40						
	5 40						
	6 40				·		
	7 30						
	8 20 K				DID NOT TRIP		
	9 10						
	10 l						
	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.

## **EN435 McGillicuddy Cruise**

					vepin, 33 .3		
Date: 5 / 23/07 Station number: 6					INITIALS: KWS		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	ality Box Box		S(AN 并		
1	160						
2	10-						
3	20						
4	7						
5	20						
6	20						
7	20						
8	20						
9	10						
10	1						
11	1						
12	1						

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

						bot dep: 190-199  INITIALS: KUS
С	Date: <u>5 / Z Z /</u> 07		Station n	iumber:	62	INITIALS: KUS TIME (GMT): 01:55
В	ampie ottle o.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 01:55  SCAN # 3-60  COMMENTS:
	1	30				
	2	<b>3</b> C				
L	3	BC				
L	4	16a				
L	5	50				
_	6	40				
	7	30				
L	8	20				
L	9	10				
	10	***************************************				
	· 11	1				
	. 12	gerlands				

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

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

blank = not reported.

#### **EN435 McGillicuddy Cruise**

botton Depth: 60m **INITIALS:** Date: 5 / 22/07 Station number: TIME (GMT): 04:22 SCAN # 505 Sample Bottle Bottle Salt Nuts Bottle Box Pressure Quality Box . No. DBars Flag Sample Sample COMMENTS: 50 50 8305C 40 30 20 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.

M. Swartz WHOI

dufter # 75381 Leployed 04:32 Lepth 55m

#### **EN435 McGillicuddy Cruise**

Depth: 71m HED INITIALS: Date: 5 /22/07 Station number: <u>64</u> 05:10 TIME (GMT): Sample Bottle Bottle Salt Nuts SCAN \$ 400 Bottle Pressure Quality Box Box COMMENTS: **DBars** Sample No. Flag Sample 60 66 60 60 50 40 30 20 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.

M. Swartz WHOI

Drifter # 75382

#### **EN435 McGillicuddy Cruise**

Depth 112m INITIALS: Date: <u>5 / 22/</u>07 Station number: TIME (GMT): 06:/2 Sample Bottle Bottle Salt Nuts SCAN # 200 Bottle Pressure Quality Box Box. No. **DBars** COMMENTS: Flag Sample Sample 100 100 100 #150 50 40 30 20 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.

Fluoroscence profile looks "Step-like?"

Driften # 75 383

## **EN435 McGillicuddy Cruise**

					Lepin: 10 7 m
Date: <u>5</u>	<u>/ 2 2<sub>/07</sub></u>	Station nu	umber: 6	6	INITIALS: HED  TIME (GMT): 07:15
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 500 COMMENTS:
4	145				
1/2	145				
1/3	145				
V <sub>4</sub>	100				
5	50		,		
46	40				·
27	30				
1/8	20				
2/9	10				
40					
11	1				
12	1				

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

Drifter # 75384 M. Swartz WHO!

## **EN435 McGillicuddy Cruise**

					Depth'.
Date: 5	/ 22 /07	Station nu	mber: 6	7	INITIALS: JPM  TIME (GMT): 0825
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN社 3多7 COMMENTS:
<b>V</b> 1	197				
<b>1</b> 2	192				
<b>√</b> 3	150				
4	100	, and the second			
<b>√</b> 5	70				
√/ 6	11.65				
<b>7</b> 7	30				
√ 8	20				
<b>√</b> 9	10				
10	6				
V 11	Gui,S				
12					

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

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

blank = not reported.

M. Swartz WHOi

drifter 75385

## **EN435 McGillicuddy Cruise**

					vepth: 101			
Date: <u>5 / 22 /</u> 07		Station r	number:	<u> 68</u>	INITIALS: <u>JPM</u> TIME (GMT): 0941			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN \$ 529 COMMENTS:			
1	185							
1 2	185				-			
<b>7</b> 3	150							
	100							
	50							
<b>/</b> 6	40				·			
1 7	30							
√ 8	20							
7 9	10							
//10	,							
<b>V</b> , 11	1							
12	1							

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

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

blank = not reported.

M. Swartz WHO!

driffer #75386

## **EN435 McGillicuddy Cruise**

Date: _5	<u>/ 22 /07</u>	Station nu	mber: 6	, <b>9</b>	Ocptin: 196 INITIALS: JPM TIME (GMT): 1050
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box 14 Sample	Nuts Box Sample	SCAN 并 553 COMMENTS:
V 1	190				
J <sub>2</sub>	190		7		
<u>√</u> 3	150		8		
<u> </u>	100		9		
5	50				
√ 6	40				·
7	30				
/_8	<i>Z</i> 0				
<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.

## **EN435 McGillicuddy Cruise**

Date: 5 / 22 /07		Station nu	mber: 7	0	Depins 240 INITIALS: JPM/KS TIME (GMT): 12:00			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box Sample	Scan # 337 COMMENTS:			
1 2	730		10					
3	150		12					
5	50							
6								
8								
9	10							
10								
12	_				DID WELL LEID			

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

Date: <u>5 / 2 ਪ</u> /07			Station number: 71			Depth: 2 3 6 INITIALS: KWS  TIME (GMT): 14:02				
Sample Bottle No.		Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA	₩ <u>5</u> MENTS:			
	1	225		MUNE						
	2	200		NOTR						
	3	150		News					_	
	4	100								
	5	50								
	6	40							,	
	7	30								
	8	20							\	
	9	10							  -	
	10								_	
	11	8								
	12	l,					SLOW TO	Trip		

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

2 = No problems noted.

- 3 = Leaking bottle.
- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 233 Initials: <u>kw</u> 5
Date: <u>5 / 22/</u> 07		Station n	umber: 7	2	TIME (GMT): 15:09
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 600 COMMENTS:
1	220		13		
2	200		14		
3	150		15		
4					
5	50				
6	40				
7	30				
8	J				
9	10				
10	1				
11					
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.

### **EN435 McGillicuddy Cruise**

					Vepth: 223 m
Date: 5	1 <u>22</u> 107	Station nu	ımber: <u>7</u> .	3_	Nepth: 223M INITIALS: <u>HED</u> TIME (GMT): 16:14
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box Sample	SCAN # 350 COMMENTS:
1	218		16		
1/2	1200		17		
ν/ 3	150		18		
4	100				
5	20				
6	40				
1/7	36				
V <sub>8</sub>	20				
1/9	10				
10	/				
11	1				
12	1				

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

					Uepth:
Date: 5	/ <b>22</b> /07	Station nu	mber: <u>7</u>	4_	INITIALS: <u>HED</u> TIME (GMT): 17:18
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 350 COMMENTS:
1	150				
√ <sub>2</sub>	150				
3	150				
4	100				
5	50		·		
1/ 6	40				
1/7/	30				
8	20				
/9	10				
10	1				
17	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 WHO!

162M

#### **EN435 McGillicuddy Cruise**

					Debau! 100.
Date: 5	<u>/ 2 2</u> /07	Station n	umber: 7	INITIALS: HED	
Date:	<u> </u>	Otation		<del></del>	TIME (GMT):
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	SCAN # 450
No.	DBars	Flag	Sample	Sample	COMMENTS:
1	160				
2	160				
V3	150				
4	100				
1/5	50				
16	40				·
7	30				
8	20				
9	10				
10	/				
11	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.

M. Swartz WHOI

11 166m

### **EN435 McGillicuddy Cruise**

					Depth: 113 m INITIALS: <u>HED</u>
Date: <u>5</u>	/ <i>22</i> /07	Station r	number: 7	6_	TIME (GMT): 19:21
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 500 COMMENTS:
1	100				
1/2	100				
3	100				
4	100				
5	50				
6	40				·
4	30				
√ <sub>8</sub>	20				
/9	10				
19	1 .				
11					
12	1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth:	96
Date: 5 / 22 /07 Station number: 77					INITIALS:	JPM
Date:		Station n	umber:	17	TIME (GMT)	2023
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	504N #	3/3
No. ,	DBars	Flag	Sample	Sample	COMMENTS	S:
\ \ 1	90					
√ 2	90					
√_3	90					
4	90					
5	50	i				
√ 6						
7	30					
√ 8	20		_ [			
<b>V</b> 9	10		:			-
√ 10	)					
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.

#### **EN435 McGillicuddy Cruise**

PARSONSON removed into pump pluginsonted into pump pluginsonted into pump cast. Spump cast.

21

Date: <u>5 / 22 /</u> 07		Station number: 77a w/Pump			TIME (GMT): 2103-22
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	SCAN#
No.	DBars	Flag	Sample	Sample	COMMENTS:
1					Pump 10 ~ 24m
2				:	Pump @ ~ 24 m ~ 20 m
3		]			
4					~ 10 m
5					
6					·
7					
8					
9					
10					
11					
12	,				

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

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

blank = not reported.

M. Swartz WHOI

PUMP

note: file originally called "ct0078", renamed to "ct0077a"

### **EN435 McGillicuddy Cruise**

					Depth: ~ 37  INITIALS: JPM
Date: 5 / 22 /07		Station n	number:	8	INITIALS: JPM
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 233/ SCAN # 505 COMMENTS:
V 1	28				
$\sqrt{2}$	28				
$\sqrt{3}$	28				
$\sqrt{4}$					
<b>y</b> 5	_				
√ 6	28				·
✓ 7	23				
8	20				
/ 9	10				
10	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.

#### **EN435 McGillicuddy Cruise**

					Depth: 62 NITIALS: <u>KWS</u>
Date: 5	<u>/ 23</u> /07	Station r	number:	<u>'-9</u>	· F
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 01:20  SCAN # Z 50  COMMENTS:
1	50				
2	50				
3	50				
4	50				
5	50				
6	40				·
7	30				
8	20				
9	10				
10	Į.				
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.

### **EN435 McGillicuddy Cruise**

					Depth: 77
Date: 5	<u>/23</u> /07	Station n	umber: <u>೭</u>	>9	INITIALS: K V/5
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): $02:18$ SCAN # $697$ COMMENTS:
1	65				
2	<b>  1</b>				
3	65				
4	65				
5	20		·		
6	40				
7	20				
8	20				
9	1 c	:			
10	\				
11	١				
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.

## **EN435 McGillicuddy Cruise**

					Depth: 93
Date: <u>5</u>	<u>/2.3</u> /07	Station n	umber:	81	Dep+4: 9 3 INITIALS: KWS  TIME (GMT): 03:20
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN #
1	85				
2	85				
3	85				
4	85				
5	50		·		
6	1.				·
7	3 <i>c</i>				
8	20				
9	10				
10	1				
11	{				
12	1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

Date: 5	<u>/23</u> /07	Station nu	umber: <u></u>	2	Depth: 142M INITIALS: HED TIME (GMT): 14:19
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN \$ SOS COMMENTS:
1 2	140 140				
<sup>2</sup> / <sub>3</sub>	140				
V 4	50		,		
6	40				
1/7 1/8	30 20				
/9 /10					
<sup>1</sup> 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.

## **EN435 McGillicuddy Cruise**

					Depth: 207m		
Date: 5 / 2 3/07 Station number: 8,3				3	INITIALS: <u>HED</u> TIME (GMT): 05:21		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Sait Box Sample	Nuts Box Sample	SCAN # 505 COMMENTS:		
7	200		!				
2	200						
3	1 1						
4	100						
5,	50		•				
9	40						
7,	30						
<b>√</b> 8	20						
9	10						
10	1						
11	1						
12							

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth. 212m INITIALS: HED
Date: <u><b>5</b></u>	<u>123</u> /07	Station nu	ımber: <u>8</u>	4	INITIALS: <u>HED</u> TIME (GMT): <u>06:26</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 313 COMMENTS:
1	200				
2	200				
3	150				
4					
5	57)				
V <sub>6</sub>	40				
7	30				
8	20				
9					
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.

## **EN435 McGillicuddy Cruise**

Date: <u></u>	_/ <u>_23_</u> /07	Station nu	mber: 8	5	Depth: LOIM INITIALS: HED  TIME (GMT): 07:37
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>14</u> Sample	Nuts Box Sample	TIME (GMT): <u>07:37</u> SCAN # <u>289</u> COMMENTS:
1	215		19		
2	200		20		
3	150		21		
4	100				
5	50		,		
	40				·
4	30				
8	20				
9					
ν 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.

# **EN435 McGillicuddy Cruise**

					Dept	h	217
Date: 5	Date: 5 / 23 /07 Station number: 86						JPM 0855
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box 14 Sample	Nuts Box Sample	SCA		433
1	212	-	22				
√ 2	200		<b>J</b> ₹				
<b>V</b> . 3	150	Ç.	24				
$\sqrt{4}$	100						
<b>1</b> 5	50			,			
<b>√</b> , 6	40						
$\sqrt{}$ , 7	3 0						
√ 8	20						
<b>V</b> 9	10						
<b>1</b> 0							
<b>1</b> 1	ì						
12	1						

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth:	163
Date: _5	_/ <u>23</u> _/07	Station nu	mber: 8	7_	INITIALS: TIME (GMT)	JPM 1134
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample	•	337
$\sqrt{1}$	157		1			
<b>√</b> 2	157		Z			
√ 3	150		3			
4	100					
	50					
<b>V</b> 6	40					
<b>V</b> 7	30					
<b>√</b> 8	20					
<b>V</b> 9	10					
<b>V</b> 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.

# **EN435 McGillicuddy Cruise**

					Depth: 170	
Date: <u>5</u>	<u>/ 23</u> /07	Station nu	ımber: <u> </u>	&	Depth: 170 INITIALS: KWS TIME (GMT): 12:38 SCAN & 500	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample	SCAN & SCO  COMMENTS:	
1	160		A			
2	1 1		#4			
3	150		集 5			
4	100	·	6			
5	50		•			
6	40					
7	30					
8	20					
9	lc					
10	1				·	
11						
12	(				TRIPED 18/ PUB	

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

						Depth 130
	Date: <u>5</u>	<u>/ 23</u> /07	Station n	umber: <u>\$</u>	9	INITIALS: <u>XX/ &gt;</u> TIME (GMT): 13:44
;	Sample Bottle No.			Nuts Box Sample	SCAN # COMMENTS:	
	1	T260				
120)	2	125				
(	3	1-25				
	4					
,	5			,		
	6					
!	7	3C				
	8					
	9	19				
	10					
	11			<u> </u>		
	12	Ì				

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

•					Depth: 165-160 INITIALS: KWS
Date: 5	<u>/ 2<i>3</i></u> /07	Station no	umber:	7 <u>0</u>	INITIALS: KWS  TIME (GMT): #4:4 Z  SCAN # \$500
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # \$ 500 COMMENTS:
1	150				
2	150				
3	150	-			
4					
5	50				
6	40				·
7	30				
8	_				
9	10				
10			<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.

## **EN435 McGillicuddy Cruise**

					0epth: $2(3)$ 1 INITIALS: $KWS$
Date: 5	<u>/ 2.3</u> 07	Station r	number:	91	INITIALS: <u> </u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 337- COMMENTS:
	1 290				
- 2	200				* orning from top fall in tok
	150				
4	1 100				
	50				
(	40				·
-	30				
{	20				
g	10				
10					
1	ıl ı`				
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.

## **EN435 McGillicuddy Cruise**

Date: <u>5</u>	_/ <u>_2</u> _3/07	Station n	Depth:  INITIALS: HED  TIME (GMT): 16:45		
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	SCAN # 350
No.	DBars	Flag	Sample	Sample	COMMENTS:
	175				
ž	175				
3	150				
4					
5	50				
/6					
7					
ر 8	20				
	10				
Íc	/				
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.

### **EN435 McGillicuddy Cruise**

Date: <u>5</u>	<u>, 23</u> 107	Station n	Nepth; 68 m INITIALS: HED TIME (GMT): 17:47		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 350 COMMENTS:
1 2 2 3	60				
6	40 30				
10 10 11 12	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.

## **EN435 McGillicuddy Cruise**

Date: 5	<i>J_23_</i> /07 Bottle	Station no	umber:	// Nuts	Depth: 42 m INITIALS: <u>HED</u> TIME (GMT): <u>18:42</u>
Bottie	Pressure	Quality	Box	Box	SCAN # 337
No.	DBars	Flag	Sample	Sample	COMMENTS:
ν <sub>1</sub>	-				
V2	30				
<b>1</b> /3	30				
1/4	30				
<b>*</b> 5	30				
6	30				
V7.	30				
8	20			-	
9	10				
10,	1				
11	1				
12	/	4			bottle lid Lidut close

(Source: WHP Data Reporting Requirements sec 3.4.1)

2 = No problems noted.

Bottle Quality Flag Codes:

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depthi.	71
Date: <u>5</u>	<u> </u>	Station r	number:	15_	INITIALS:	JPM 2053
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # COMMENTS:	
√, 1	65					
.√ <sub>2</sub>	65					
√, 3						
V. 4	65					
<b>1</b> 5	50					
√ 6	40					
<b>V</b> 7	30					
√ 8	SO					
<b>V</b> , 9	(0					
<b>V</b> , 10	-)					
√ <sub>,11</sub>	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.

## **EN435 McGillicuddy Cruise**

Date: 5	_/ <b>23</b> /07	Station n	umber:	76	Depth; INITIALS:	JPM
Date		Station	umbera		TIME (GMT)	2139
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN 1	2139 265
741	/					<del>" -</del>
74 2						
74 2 74 3						
74 4						
50 5	<b>V</b> ,		,			
70 e		·				
30 7						
20 8						1,112
10 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.

### **EN435 McGillicuddy Cruise**

					Depth. 110
Date: <u>5</u> /33 /07 Station number: <u>97</u>					INITIALS: JPM  TIME (GMT): ZZ42
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # ~600 COMMENTS:
V, 1	100				
$\sqrt{2}$	100				
<b>1</b> 3	100				
	100				
	50				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	40				
$\sqrt{}$ , 7	30				
<b>√</b> 8	20				
<b>V</b> . 9	10				
//10	)				
/ 11	1				
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.

# **EN435 McGillicuddy Cruise**

					Depth 123  I INITIALS: JPM
Date: <u>5</u>	<u>/23/07</u>	Station nu	ımber:9	8	INITIALS: JFM. TIME (GMT): 2338
Sample Bottle No. /	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 361 COMMENTS:
√ 1	118				
$\sqrt{2}$	118				
√ 3	118				
$\sqrt{4}$	100				
	50				
$\sqrt{}$ 6	40		;		
√ 7	30				
8	20				
<b>V</b> 9	ιO				
√, <u>10</u>	1				
√, 11	(				
√ 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.

## **EN435 McGillicuddy Cruise**

					Depth: 125
Date: 5 / 24/07 Station number: 99				Depth: 125 INITIALS: KWS TIME (GMT): 00:31	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN #
1	115		1	Τ	
2	115				
3	115				
4	100				
5	50				
6	40				
7	3°				
8	20				
9	10				
10	1				
11					
12			1		

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 180
Date: 5 / 2LI/07 Station number: 100					Depty: 180 INITIALS: <u>K X/ X</u> TIME (GMT): 1:3/
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 481 COMMENTS:
1	170				
2	170		·		
3	i				
4	_				
5	50				
6	40				
7	30				
8	20				
9	0				
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.

## **EN435 McGillicuddy Cruise**

					Depth: 185
Date: 5 / 24 /07 Station number: 1			INITIALS:		
Sampie Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 02:40  SCAN # 700  COMMENTS:
110.		i iag	Jampie	Jample	COMMENTS.
1	175				
2	175				
3	150				
4	100				
5	50				
6	4C				
7	30				
8	20				
9	10				
10	1				
11	1				
12	Li				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

					Depth: 60
Date: 5 / 24/07 Station nur		umber:	102	Depth: 160 INITIALS: K X/ X  TIME (GMT): 63:42	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 360 COMMENTS:
1	150				
2					
3	150				
4	I				
5	59		<u> </u>		
6	40				
7	30				
8	20				
9	10				
10					
11	-				
12					

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

Date: 5	<u>12 4</u> 07	Station n	umber: [C	3	Depth; INITIALS: HED TIME (GMT): 04:41
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): <u>04:41</u> SCAN # 491  COMMENTS:
1	90				
V <sub>2</sub>	, 90				
3					
4	90				
5			·	i	
6	40				
7	30				
.√ 8	20				
9	10				
10	1				
11	1				
12	1				

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

Date: 5	<u></u>	Station r	number: <u>/</u> 0	4	Depth: 87m INITIALS: HED
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts	TIME (GMT): 05:39  SCAN # 409  COMMENTS:
1 2	80 80				
3	80				
ν <sub>5</sub>	40				
77 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.

## **EN435 McGillicuddy Cruise**

Date: <u>5/24</u> /07 Station number: <u>/05</u>					Depth! 6+m INITIALS: HED TIME (GMT): 06:35
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): <u>06:35</u> SCAN # 385 COMMENTS:
1 1/2	60 60				
ν <sub>3</sub>	60				
5 5 6	50				
7	, 30				
8					
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.

## **EN435 McGillicuddy Cruise**

DEPTH: 53m

Date: <u>5</u>	<u> 24</u> 107	Station number:			INITIALS: <u>HED</u> TIME (GMT): <u>07:25</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 07:25  SCAN # 600  COMMENTS:
¥ <sub>1</sub>	, 40				
2	40				
3	40				
4	40				
5	<del></del>				
6	1				
7	, 30				
8	20				
9					
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.

## **EN435 McGillicuddy Cruise**

					1	ccy	I	
Date: _5	<u>124</u> 107	Station nu	mber:	07		ALS: _	JPM 1129	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	Sc.	A N # MENTS:	3/3	,
√ <sub>1</sub>	98							
\ 2	, p)				,			
/ 3	10							
V 4	60							
5	•							
6								
7	30				······································			
8	_							
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.

M. Swartz WHOI

Starting Digby transect

## **EN435 McGillicuddy Cruise**

					DEPTH: 120
Date:	, 24,07	Station n	umber: 4	02	DEPTH: 120   INITIALS: WUS   TIME (GMT): 12:12
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 12:12  SCAN# 380  COMMENTS:
1	110				
2	110				
3	110				
4	100				
5	50 40				
6	40				
7	30				
8	20				
9	10				
10	1 "				
11	Ì				
12					

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

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

blank = not reported.

M. Swartz WHOI

Driffer 75469

# **EN435 McGillicuddy Cruise**

					1001176
Date: 5 / 24 /07   Station number:   6 9				INITIALS: <u>KUS</u> TIME (GMT): 13:09	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN #
1	130				
2					
3	130				
4	1 -				
5	20				
6	40				·
7	30				
8	20				
9	10	,			
10	1				
11	)				
12	1				

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

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

blank = not reported.

M. Swartz WHOI

140

daff #75468

# **EN435 McGillicuddy Cruise**

					INITIALS: KWS
Date: 5	<u>1 24 1</u> 07	Station nu	ımber: 1	LØ	INITIALS: KWA
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 14:00  SCAN # 337  COMMENTS:
1	120				
2	12c				
3	120				
4	lco				
5					
6	50 4c				
7	30				
8	20				
9	10				
10	· · ·				
11	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.

M. Swartz WHOI

daft \$ 75467

# **EN435 McGillicuddy Cruise**

					DEPTH: 164
Date: <u>5 /24 /</u> 07		Station r	number: 4	11	INITIALS: KWS TIME (GMT): 14:50
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 14:50 SCAN # 300 COMMENTS:
1	150				
2	120				
3	150				
4	lce		i .		
5	50				
6	40			a.	·
7	1 7 0				
8	20				
9	10				
10	1				
11					
12	i				DID NOTTRIP - HANG L

Bottle Quality Flag Codes:

(Source: WHP Data Reporting Requirements sec 3.4.1)

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

blank = not reported.

M. Swartz WHOI

dr. Her # 75 466

# **EN435 McGillicuddy Cruise**

					JEPTH: 16 3		
Date: S	1 24107	Station nu	ımber: 1	12	INITIALS: KWS		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Nuts Box Box Sample Sample		TIME (GMT): 15:47  SCAN# 268  COMMENTS:		
1	159						
2	150						
3	150						
4							
5	-		·				
6	40						
7	30						
8	Ro						
9	10						
10	1						
11	1			·. Ya.			
12	1			\$. 6			

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

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

blank = not reported.

M. Swartz WHOI

d. Au 75465

## **EN435 McGillicuddy Cruise**

					DEPTH	: 124m
Date: <u>5</u>	7/2 <u>4</u> /07	Station r	number: //	<i>'</i> 3		: 124m <u>HED</u> ): 16:50
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		200
γ <sub>1</sub>	118					
√ <sub>/</sub> 2	118					
3	118					
VA						
5						
$V_6$	40					
7	30					
V <sub>8</sub>						
29	10					
10	Ĺ					
11	1					
12		1				

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

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

blank = not reported.

M. Swartz WHOI

dr. Hr 75464

### **EN435 McGillicuddy Cruise**

フ

DEPTH: 126m INITIALS: HED Date: 5 /24/07 Station number: //4 TIME (GMT): 17:40 SCAN # 457 Sample Bottle Bottle Salt Nuts Bottle Pressure Quality Box Box **DBars** No. Flag Sample Sample COMMENTS: 120 120 120 100 50 40 30 20 16

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

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

blank = not reported.

M. Swartz WHOI

dr. fler 75463

# **EN435 McGillicuddy Cruise**

DEPTH: 105m

جسير		T		,	<b>1</b> INITIA	LS:	HED	
Date: 3	124 <sub>107</sub>	Station nu	umber: _/	<u> 15</u>	TIME	TIME (GMT): 18:2		8
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	S(,	Aル #_ MENTS:	385	<del></del>
1	100							
2	100							
, '3	100							
4	160							
1/5	50		1					
1/6	40							
V <sub>7</sub>	30							
8	20							
9	14							
10	1							
11,	. /							
12	1							

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

DEPTH: 74 M HED INITIALS: Date: <u>5/24</u>/07 Station number: \_//6\_\_ Scan # 313 Sample Bottle Bottle Salt Nuts Bottle Pressure Quality Box. Box\_ COMMENTS: **DBars** No. Flag Sample Sample 65 65 65 65 50 40 30 20 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.

M. Swartz WHOI

A. P. 75462

### **EN435 McGillicuddy Cruise**

EN435	i McGil			ıme Sar se	nple Lo ( DEI	og Cor	this cost:  purered and  purered and  cap left on  cap left on  sensor from  hose  or hose
Date: 5	Date: 5 / 24 /07 Station number: 116 pump			16 pump	INITIA TIME	ALS: (GMT):	JPM 1959
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	+ Sc.4		481
1					Pump	20	n
2					•	10 h	~
3						2 m	
4							<u> </u>
5							
6							
7							
8							
9							
10							
11							
12							

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

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

blank = not reported.

M. Swartz WHOI

Pump drifter 75461

## **EN435 McGillicuddy Cruise**

DEPTH: 73

Date: 5	124 <sub>107</sub>	Station nu	ımber:	17	INITIA	_	JPM
		O.a.i.oii iii	Station number:			(GMT):	2145
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	S <i>c.</i> ⊬ COMI	∜√ # MENTS:	2145
√ <u>,</u> 1	68						
$\sqrt{2}$	68						
<b></b> /3	63						
	68						
5			•				
<b>1</b> 6	40						
. 7	30						
√ 8	20						
<b>1</b> 9	to						
√ <b>j</b> 0	1						
<b>√</b> ∕111	ļ						
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.

M. Swartz WHOI

Last of Digby transect

# **EN435 McGillicuddy Cruise**

Date: <u>S</u>	<u>/ 2 S</u> /07	Station no	umber: 1	<u> </u>	INITIALS: K W 5  TIME (GMT): 00: 23
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN #
1	50				
2	50				
3					
4	50				
, 5	5c		1	,	
6	1 1 -				·
7	30				
8	20				
9	10				
10	1				
11	1				
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.

## **EN435 McGillicuddy Cruise**

					VLITTE 75		
Date: 5	<u>1_25</u> /07	Station n	umber:	19	INITIALS: KW S		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Nuts Box Box Sample Sample		SCAN # 481 COMMENTS:		
1	80						
2	80						
3	80						
4	80						
5	1						
6	40						
7	, 30						
8	20						
9	, (0						
10	) \						
11	1						
12	1						

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					DEPLA:		
Date: <u></u>	<u>/ 25</u> 07	Station nu	INITIALS: KWS				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Quality Box Box		TIME (GMT): <u>02:09</u> SCAN # <u>361</u> COMMENTS:		
1	90						
2	90						
3	<b>-</b>		i				
4	90			<u> </u>			
5			<u> </u>				
6					·		
7	30		* <u></u>				
. 8	20						
9	10						
10	1						
11							
12	ì						

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					DEPTH:				
Date: 5 / 25/07 Station number:   2					INITIALS: XW5 TIME (GMT): 02-58				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 265 COMMENTS:				
	190								
	90			_	Bering remseated during cast - reseated post				
3	3 9 C	<u> </u>							
	1 90	<u> </u>							
	50	ļ	, .						
-	90								
7	30	ļ	<u> </u>						
8	3 20	ļ							
	10			<u> </u>					
10	)								
1-	4			1					
12	2				<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.

### **EN435 McGillicuddy Cruise**

KWS INITIALS: Date: 5 / 25/07 Station number: 122 TIME (GMT): 03:45 Sample Bottle Salt Nuts Bottle SCAN # 385 Bottle Pressure Box. Quality Box COMMENTS: No. **DBars** Flag Sample Sample 85 85 50 40 30 20 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.

M. Swartz WHOI

DEPTH: 95

# **EN435 McGillicuddy Cruise**

DEPTHS: 97 M

		<u> </u>		INITIALS: HED			
Date: <u>ら</u>	125/07	Station n	umber: <u>/ 2</u>	23	INITIALS: <u>HED</u> TIME (GMT): 04:35		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN# 770		
V 1	85						
2	85						
3	85						
<b>√</b> 4							
5							
6	46						
V/7							
√ 8							
, <sub>y</sub> 9	10						
16	1						
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.

# **EN435 McGillicuddy Cruise**

					DEPTH: 87m
Date: <u>5</u>	<u>125</u> 107	Station r	umber: <u>/</u>	24_	INITIALS: <u>HED</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 05:28  SCAN # 265  COMMENTS:
1	80				
<b>1</b> /2	80				
3	80				
4	80				
5	50		,	!	
26	40				·
7	30				
8	20				
9	10				
10	1 ,				
11	/				
42	/				

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

76m DEPTH: HED **INITIALS:** Station number: 125 Date: <u>5 /25/</u>07 TIME (GMT): 06:05 Sample Bottle Bottle Salt Nuts SCAN # 400 Bottle Pressure Quality Box Box No. **DBars** Flag Sample COMMENTS: Sample 65 45 65 65 50 40 30 20

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

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

blank = not reported.

EN435	WCGII	ncuaa	y Gruis	10 A 2	
		Jac.	JEW NA	6	DEPTH: 152m INITIALS: HED
Date: 5	<u>125</u> 107	Station number: 96M 1			INITIALS: <u>HED</u> TIME (GMT): 14:37
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box B Sample	Nuts Box Sample	SCAN # 206 COMMENTS:
1	145		7		
2	130		8		
3	110		9		
4	90				
5	70				
6	56				
. 7	46				
8	30				
9	20				
10	10				
11	1				
12	1				

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

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

blank = not reported.

EN435	McGil	licudd HROU	ly Cruis	se S	DET	P7H:	275,	CAST → 220
Date: 5 / 25/07 Station number: 60M2						INITIALS: <u>JPM</u> TIME (GMT): <u>20 54</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SC			9
1	<u>4</u> € )		1					
2								
3								
4								
5								
6								
7			<u> </u>					
8			_				,	
9	2 3							
10	10					-		
11			<u> </u>					
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.

biank = not reported.

Since	we drift	led a	Nay	into	shallow	ner wat	ler,		] :
	we de	ici ded	40	Scrafe	ch th	15 C9	51	(ha	bottles)
	and	ta Ke	Charles and the same of the sa	rgver	, 7	deep	Wate	24.	/

# **EN435 McGillicuddy Cruise**

			New no	D(2)	DEPTH: 300			
Date: 5 / 25/07 Station r			ımber: <u>60</u>	d Sw	INITIALS: JPM TIME (GMT): Z146			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>B</u> Sample	Nuts Box Sample	SCAN # 697 COMMENTS:			
2771	7		10					
230 <sub>2</sub>	/		12					
<b>V</b> 4	150							
\sqrt{5}	4.5 4.5.54							
7	60							
8					7			
10	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.

EN435 McGillicuddy Cruise

		ξ.	known	n' Goms				
Date: 5	<u>/26/</u> 07	Station nu	ımber: <u>12</u>	.8	INITIALS: LUS TIME (GMT): Q1:50			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Sait Box Sample	Nuts Box Sample	SCAN#			
1	2.20		1-3-					
2	200		14					
3	180		15					
4	140							
5	1104							
6	80				·			
7	60							
8	40							
9	20							
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.

**EN435 McGillicuddy Cruise** 

		(P	know	ily Gomy	DEPTH: 207m					
Date: 5 / 26/07 Station number: 129			umber: <u>/2</u>	9	INITIALS: HEO TIME (GMT): 06:18					
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 500 COMMENTS:					
1	200									
2										
3	130		<u> </u>							
5	4									
6	$\sim$				·					
4	70									
N 8	A**		<u> </u>							
9		4			metal catch did not no ater release correctly in bothle					
11 12	1				porture.					

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

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

blank = not reported.

DEPTH:

# **EN435 McGillicuddy Cruise**

					DEPTH: 30		
Date: <u>5</u>	<u>/ 2-6</u> /07	Station no	DEPTH: 30 INITIALS: KWS TIME (GMT): 12:06				
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Nuts Box Box Sample Sample		SCAN #		
1	20						
2	20		·				
3	20						
4	20						
5	20						
6	20						
7	20	:					
8	20						
9	10	:					
10	1						
11	1						
12	1						

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

					DEPTH 65
Date: 5	_	Station nu	DEPTH 65 INITIALS: KW5 TIME (GMT): 12:24		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # COMMENTS:
1	50				
2	20				
3	50				
4	50		]		
5	50	,			
6	Ll o				
7	30				
8	2C				
9	10				
10	1				
11					
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.

## **EN435 McGillicuddy Cruise**

					DEPTH: 160
Date: <u>5 /2</u> <b>/</b> 07		Station number: 132			DEPTH: 160 INITIALS: KWS TIME (GMT): 14:42
Sample Bottle No.	Bottle Pressure DBars	Bottle Salt Nuts Quality Box Box Flag Sample Sample		Box	SCAN #
1	150				
2	150				
3	150				
4	100				
5	50				
6	40				
7	30				
	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.

## **EN435 McGillicuddy Cruise**

					DEPTH. 154
Date: 5	<u> 126</u> 107	Station number: _ /33			INITIALS: <u>HED</u> TIME (GMT): <u>16:07</u>
Sample Bottle No.	Bottle Pressure Qua		Salt Box Sample	Nuts Box Sample	SCAN # 280 COMMENTS:
1	145				
2					,
3	145				
4	100				
5 5			1		
6	, 48				
4	30				
1/8	20				
1/9	a -				
ło	1				
11,	11				
30	,				

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

INITIALS: Station number: <u>/3</u>4 Date: 5 /2 </ > 17133 TIME (GMT): Sample Bottle Bottle Salt Nuts SCAN # 360 Pressure Bottle Quality Box Box COMMENTS: No. DBars Flag Sample Sample 100 50 40 30 20 10 10 11 12

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

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

blank = not reported.

M. Swartz WHOI

DEPTH: 12/M

# **EN435 McGillicuddy Cruise**

DEPTH: 88m INITIALS: HED Date: 5 /26/07 Station number: 135 TIME (GMT): 18:35 Sample Bottle Bottle Salt SCAN # 361 Nuts Bottle Pressure Quality Box\_ Box No. **DBars** Flag Sample Sample COMMENTS: 80 80 80 80 50 40 30 20 10 1

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

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

blank = not reported.

forthis propost:

AR sensor removed

AR sensor removed into

dumma plug installed into

cable: V3=0

#### **Small Volume Sample Log**

#### **EN435 McGillicuddy Cruise**

DEPTH: 90 m Date: <u>5 /26</u>/07 Station number: 135 SCAN # 350 Sample Bottle Bottle Salt Nuts Bottle Pressure Quality Box Box Sample **COMMENTS:** Ņο. **DBars** Flag Sample 3 6 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.

M. Swartz WHOI

Pump station @ 50 m 20 m

10 m

1 m

# **EN435 McGillicuddy Cruise**

					DEPT	H:	66	
Date: 5 / 26/07		Station number: 136			INITIALS	S: _	JPM 215Z	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAR		2/5Z 553	
√ 1	60							
√ 2	60							
√ 3	60							
4	60							-
<b>1</b> 5	50							i
<b>1</b> 6	40							
7	30							:
8	20							
<b>√</b> 9	16							
<b>y</b> /10	)							
√ <u>/</u> 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.

## **EN435 McGillicuddy Cruise**

					DEPTH: 54		
Date: 5 / 26/07		Station number: 137			INITIALS: JPM  TIME (GMT): 2254		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Quality Box Box		SCAN # 817 COMMENTS:		
<b>√</b> 1	47			•			
<b>√</b> 2	47		,				
√3	47						
J 4	47						
V 5	47		•				
/ 6	40				·		
	30						
√ 8	20						
<b>V</b> 9	10						
10	ŧ						
11	ŧ.						
√ 12	1						

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					, , , , , ,			
Date: 5 / 26/07		Station n	number:	3 <u>8</u>	INITIALS: JPM/KUS  TIME (GMT): 23:55  SCAN # 505			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Quality Box Box		SCAN # 505 COMMENTS:			
1	30							
2								
3	<i>3</i> 0							
4	30							
5	30		•					
	ي.							
7	30							
8	20							
9	1 0							
10	1							
11	)							
12	ì							

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

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

blank = not reported.

**EN435 McGillicuddy Cruise** 

		no que	.y Oran	DEPTH: 48 INITIALS: KW5			
Date: <u>5</u>	<u>, 27</u> ,07	Station n	umber:	39	TIME (GMT): OC: 48		
Sample Bottle Bottle Pressure No. DBars		Quality Box		Nuts Box Sample	SCAN# 337 COMMENTS:		
1	40						
2	40						
	40						
	40						
5	"#						
6	40						
7	30						
8	20						
9	10						
10	1						
11							
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.

### **EN435 McGillicuddy Cruise**

					DEP	H:	56 Ku	
Date: <u>5</u>	<u> 1</u> 2 <del>7</del> 07	Station nu	mber: <u></u>	40		ALS:	<u> </u>	V5 : 38
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCA		43	3
1	40							
2	40				gradus = 10 gradus			
3	40			San '				
4	40	y see yet						
5	40		<u> </u>					,
6	40							
7	36							
8	, C***							
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.

## **EN435 McGillicuddy Cruise**

					DEPTH = 55 INITIALS: KWS
Date: 5	<u>/</u> 27/07	Station r	number: \( \( \lambda \)	11_	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): Qz:30  SCAN # 409  COMMENTS:
1	210				
2	40				
3	40				
	110				
	40				
6	40				
7	مد ا				
8	2 c				
9	10				
10	) 1				
11	1				
12	<u>ا</u> ا				

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

# **EN435 McGillicuddy Cruise**

					DEPTH 67
Date: 5 /27/07 Station number: 142					INITIALS: 75 W S
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 03:20  SCAN # 200  COMMENTS:
1	80				
2	<b>15</b> =				
	60				
4	60				
5	€0 50				
6	40		;		
7	3 c				
8	20				
9	10				
10	l				
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.

## **EN435 McGillicuddy Cruise**

DEPTH: 69m

Date: 5	<u> 1 2 7</u> /07	Station number: <u>/43</u>			INITIALS: HED TIME (GMT): 04:15		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	Sc.		337
1	60						
2	60						
$\sqrt{3}$	60						
4							
<b>1</b> /5	50						
6	40		:				
47,	30						
*8,	20						
9	10						
10	1						
7 1,1	1						
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.

#### **EN435 McGillicuddy Cruise**

**INITIALS:** Date: <u>5 27</u>/07 Station number: 144 05:15 TIME (GMT): Bottle Sample Bottle Salt Nuts SCAN # 433 Bottle Pressure Quality Box . Box COMMENTS: No. **DBars** Flag Sample Sample 6Š 50 40 30 20 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.

M. Swartz WHOI

DEPTH: 73m

## **EN435 McGillicuddy Cruise**

DEPTH: 12/M

Date: 5	<u>127</u> 107	Station number: <u>/45</u>				HED 06:15	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCH	480	
1 /2	115						
3	115						
5 1/ <sub>6</sub>			,				
7	30						
9,	10						
10, 11,	1					 	
12	1						

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

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

blank = not reported.

#### **EN435 McGillicuddy Cruise**

INITIALS: Station number: 146 Date: <u>5 / 2-7</u>/07 TIME (GMT): 07:25 Sample Bottle Bottle Salt Nuts SCAN # Bottle 200 Pressure Quality Box Box DBars COMMENTS: No. Flag Sample Sample 130 130 130 100 50 40 30 20 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.

M. Swartz WHOI

depth; 138m

# **EN435 McGillicuddy Cruise**

depth: 127

				,	INITIALS:	JPM
Date: 5	<u> </u>	Station number: 147			TIME (GMT)	: 6933
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN 3	+ 481
<b>/</b> 1	122					
<b>√</b> , 2	122					
<b>√</b> 3	122					
$\sqrt{4}$	100					
<b>V</b> 5	50		·			
<b>1</b> /6	40		:			
7	30					,
√ 8	0 S					
<b></b> 9	10					
10	77					
11	•					
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.

### **EN435 McGillicuddy Cruise**

depth; 97 INITIALS: Date: 5 / 27/07 Station number: 149 TIME (GMT): Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box Box COMMENTS: **DBars** Flag No. Sample Sample 92 92 92 40 30 20 10 delayed top

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

depth: KWS INITIALS: Date: 5 / 27/07 Station number: 149 12:20 TIME (GMT): Sample Bottle Bottle Salt Nuts 360 SCAN # Bottle Pressure Quality Box Box COMMENTS: **DBars** No. Sample Flag Sample F5 75 73 3 75 50 40 30 20 10 9 10 11 12

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

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

blank = not reported.

M. Swartz WHOI

82

### **EN435 McGillicuddy Cruise**

depth: 63

Date: 5	<u> </u>	Station r	number:	5 <u>0</u>	INITIALS: 72 25 5 TIME (GMT): 13:33
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 800 COMMENTS:
1	50				
2					
3	50				
4	50				
5	50				
6	40				·
7	30				
8	20				
9	10				
10	)				
11	1				
12	1				

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					depth: 52
Date: _S	<u>/ 27</u> /07	Station n	umber: 15	<u> </u>	depth: 52 INITIALS: XEWS TIME (GMT): 14:47
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN H
1	40				
2	40		•		
3	40				
4	30				
5	30				
6	<b>2</b> .0				
7	<i>2.0</i>				
8	<b>1</b> -c				
9	10				
10	l				
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.

### **EN435 McGillicuddy Cruise**

depth: INITIALS: Station number: 152 Date: 5 /27/07 TIME (GMT): /6:// Sample Bottle Bottle Salt Nuts SCAN # 200 Bottle Pressure Box\_ Quality Box\_ COMMENTS: No. DBars Flag Sample Sample <u>30</u> 30 30 30 30 30 30 20 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.

## **EN435 McGillicuddy Cruise**

					depth: 37m		
Date: <u>5</u> /27/07		Station n	umber: <u>/</u> S	<u>3</u>	depth: 37m INITIALS: HED TIME (GMT): 17:35		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 17:35  SCAN # 265  COMMENTS:		
1 2	<i>30</i>						
3 2 3 7 4	30						
5	30						
6 V 7	30 30						
8							
10	. /						
11 12	1 .				didn't trop		

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

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

blank = not reported.

**EN435 McGillicuddy Cruise** 

Date: <u>5</u>	<u>127</u> 107	Station nu	umber: <u>[5</u>	4	depth:    JUNE (GMT): 18:47
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 18:47  SCAN # 265  COMMENTS:
1,	20				
, 2	20				
V <sub>3</sub>	20				
1/4	20				
5	120				
6	20				·
1/7	<i>3</i> 5020				
√ <sub>8</sub>	20				
9					
10	/				
V <sub>11</sub>	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.

Forthis pump cast:

Forthis pump cast:

PAR sensor removed

PAR sensor removed

installed into

dummy plug installed into

cable ... V3=0

#### **Small Volume Sample Log**

PUMP

#### **EN435 McGillicuddy Cruise**

			ST AT	depth. 33 m INITIALS: <u>HED</u> TIME (GMT):		
Date: <u>5</u> 127/07		Station nu	ımber: _/S			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # COMMENTS:	
1						
2			·			
3						
4						
5			,			
6						
7	,					
8			<u> </u>			
9	1					
10			ļ			
11						
12						

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

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

AIM for: 1 m 10 m 20 m 1.7 m M. Swarz WHOI

#### **EN435 McGillicuddy Cruise**

					depth: 38m INITIALS: JPM		
Date: <u>5</u> / <del>27</del> /07		Station no	umber: 1	5	TIME (GMT): 207		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 793 COMMENTS:		
\/\ \/\ \/\ \/\ \/\ \/\ \/\ \/\ \/\ \/\	<del>,</del>						
√ 3 √ 4							
5	35						
\frac{7}{\sqrt{8}}	<del> </del>						
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
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.

M. Swartz WHOI

before cast, set Niskin toplan yard to post: on 22 instead of 23. A Seabird Sewintable value 23 to 22.

1.1

#### **EN435 McGillicuddy Cruise**

					ueprn: 200
Date: 5 / 27/07 Station number: 156			umber:	INITIALS: JPM  TIME (GMT): ZZ16	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): ZZIG  SCAN # 600  COMMENTS:
- 1	198				·
$\sqrt{2}$					
3					
4	100				
1/5					
6			<u> </u>		
$\sqrt{\frac{7}{3}}$	36 20	<u> </u>	<u> </u>		
8					
10					
11	,				
12					-didn't trip on First tra

Bottle Quality Flag Codes:

(Source: WHP Data Reporting Requirements sec 3.4.1) Restarted Sessive,

CTD156n.\*

Userinput totap Niskin 12 on position 23

2 = No problems noted.

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

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

In CTD 166\* Niskin Firing Table, bottle 12 was set for position 22.

In CTD 156n.\* Niskin Firing usa Ose Input Fired position 23 + bottle 12

Elosed.

#### **EN435 McGillicuddy Cruise**

					depth: 185-182 Initials: Kws
Date: <u>5</u>	<u>/ 28</u> /07	Station nu	mber: <u>15</u>	7	TIME (GMT): 00:41
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt 🔭 Box Ď Sample	Nuts Box Sample	SCAN # COMMENTS:
1	175				
2	175		Di		
3	150		D7 03		
4	100		03		
5	50				
6	50 40 30		:		·
7	30				
8	20				
9	10				
10	and the second				
11	Ì				
12	1				

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

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

blank = not reported.

M. Swartz WHOI

pre-cast swapped carousel levers #23+24

Table driven firing is back to firing every odd #.

## **EN435 McGillicuddy Cruise**

					depth: 3& INITIALS: KUS		
Date: <u>5</u>	<u>128</u> 107	Station n	umber:	<u>58</u>	INITIALS: <u>KUS</u> TIME (GMT): <u>02:07</u>		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN H COMMENTS:		
1	3c						
2							
3	30						
4	1 🕳						
5	3c	<u> </u>					
6	3c				·		
7	30						
8	20	ļ					
9	10						
10	,						
11	. 1						
12	1	, and the second					

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

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

blank = not reported.

## **EN435 McGillicuddy Cruise**

Date: う	_/_ <b>2%</b> /07	Station no	depth: 37-40 32 INITIALS: 22 22 5 TIME (GMT): 03:1		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 241 COMMENTS:
1 2	0.0				
3 4 5	30				
6	3a				
8	10				
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.

#### **EN435 McGillicuddy Cruise**

depth: INITIALS: Date: \_Š <u>/ 2**%**/07</u> Station number: 168 04:19 TIME (GMT): Sample Bottle Bottle Salt Nuts 289 SCAN # Bottle Pressure Quality Box. Box\_ No. DBars Flag Sample Sample COMMENTS: 30 30 30 30 30 30 20 10 10 Y 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.

### **EN435 McGillicuddy Cruise**

INITIALS: Station number: <u>/6 /</u> TIME (GMT): \_ Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box\_ Box \_ No. **DBars** Flag Sample Sample COMMENTS: 30 30 30 30 30 30 30 20 10 A)

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					depth:	UEN
Date: 5	<u>/28</u> /07	Station number: 16 2			INITIALS: TIME (GMT):	16 M 16 D 06:34 385
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN #	385
1	50					·
2 / <sub>3</sub>	50					
5	50				•	
V <sub>6</sub>	40	-				
7. 8						
9	10					
10 1 1,1						<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.

M. Swartz WHOI

5/ 11

# **EN435 McGillicuddy Cruise**

					depth: 65 m Initials: HED	
Date: 5	Date: 5 / 28 /07		number: <u>/ (</u>	<u>;3</u>	INITIALS: <u>HED</u> TIME (GMT): <u>07:50</u>	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 200 COMMENTS:	
1	60					
V2	60		, , , , , , , , , , , , , , , , , , , ,			
3	60					
4	60					
5	50					
6	,40				·	
7	30					
8	20					
9	10		;			
10	1					
11	1					
12	7					

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					depth: 1m
Date: 5 / 28 /07		Station nu	ımber: _ / (	64	INITIALS: JPM
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): $0917$ SCAN # 361 COMMENTS:
√ 1	66				
$\sqrt{2}$	66				
√ 3	66				
√, 4	66				
√ <sub>2</sub> 5	50		•		
<b>V</b> 6	40				·
7	30				
√,8	20				
√ 9	10				
√ 10	J				
√ <i>/</i> 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.

# **EN435 McGillicuddy Cruise**

		_			depth: 93 1 INITIALS: JPM
Date: 5	128/07	Station n	umber: <u>l</u>	65	INITIALS:
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # $289$ COMMENTS:
<b>V</b> , 1	38				
$\sqrt{2}$	88		•		
√ ,3	88			-	
\/ 4	I ~ ~				
, 5	- 4	,	·		
<b>6</b>	40				·
7ر 🗸 🗸	36				
, 8	20				
9	10				
<b>1</b> 0	ł				
V/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.

#### **EN435 McGillicuddy Cruise**

					depth: 600-515
Date: 5	<u>/ 72/07</u>	Station nu	mber: <u>16</u>	6_	INITIALS: Kur
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt x Box D Sample	Nuts Box Sample	SCAN共
1	250		D4		
2	200		D5		
3	150		06		
4	100	-	D7		
5					
6	40				·
7	30				
8	20				
9	10				
10	}				·
11	1				
12	1				

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

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

blank = not reported.

M. Swartz WHOi

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

# **EN435 McGillicuddy Cruise**

					depth: 330-380
Date: 5		Station number: 167			depth: 330-380  INITIALS: KUS  TIME (GMT): 15:30  SCAN # 300
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>D</u> Sample	Nuts Box Sample	SCAN # 300
1	<b>349</b> Q		8		
2	200		9		
3	15 c		10		
4	100		11		·
5					
6	۲۱ ۵	:	:		·
7	3 c				
8	20	:			
9	10				
10	١				
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.

### **EN435 McGillicuddy Cruise**

depth: INITIALS: Date: <u>5 /28 /</u>07 Station number: 168 TIME (GMT): 17:15 Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box Box COMMENTS: No. **DBars** Sample Flag Sample 40 30 20 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.

### **EN435 McGillicuddy Cruise**

depth: INITIALS: Date: 5 /28/07 Station number: 169 18:35 TIME (GMT): Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box Box COMMENTS: No. **DBars** Flag Sample Sample 85 85 50 40 30 20 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.

#### **EN435 McGillicuddy Cruise**

depth: 75 INITIALS: Station number: 170 Date: 5 / 28/07 Sample Bottle Bottle Salt Nuts SCAN # ZI7 Bottle Pressure Quality Box Box COMMENTS: No. **DBars** Flag Sample Sample 70 30 70 70 5 Ø 40 30 70 10 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.

M. Swartz WHOI

hote: highest floure scenic near bottom

#### **EN435 McGillicuddy Cruise**

					depth, 6/ I INITIALS: JPM
Date: 5 /29/07 Station number:				INITIALS: <u>JPM</u> TIME (GMT): <u>2119</u>	
Sample Bottle No.	Bottle Pressure DBars,	Bottle Quality Flag	Salt Nuts Box Box Box Sample		SCAN # 419 COMMENTS:
60 1					
60 2					
<b>60</b> 3					
\$O 4					
50 5					
40 e	. 1				
30 7					
Z) 8					
( Ö 9					
/ 10	$\overline{}$				
1 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.

plank = not reported.

1 st attempt aborted after software stopped at depth

M. Swartz WHOI

Saying "Save Config to disk?" In popup

#### **EN435 McGillicuddy Cruise**

depth: 62 Date: 5 / 28/07 Station number: 172 TIME (GMT): 2234 Sample Bottle Bottle Salt Nuts SCAN # 265 Bottle Pressure Quality Box Box\_ COMMENTS: Sample **DBars** No. Flag Sample 57 57 57 50 40 30 20 10 1

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

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

blank = not reported.

For this pump cast: dummy plug

For this pump cast: dummy plug

PAR sensor removed to prevent hose

PAR sensor into sensor from plung

Installed into sensor from plung

Annage 13 = 0.

## **EN435 McGillicuddy Cruise**

		P	UMF	>	depth: 63
Date: 5 / 28 /07		Station nu	ımber: 17	22 <sub>9</sub>	INITIALS: <u>JPM</u> TIME (GMT): <u>2308</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # -
1					
2					
3					
4					
5					
6					·
7					
8					
9					
10					
11					
12					

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

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

blank = not reported.

Pump	0	20 m
		10 m
		~2 m

## **EN435 McGillicuddy Cruise**

					dep	h: 61 ALS: 27 W S	
Date: 5 / 29 /07		Station number: 173		INITIALS: 27 W S  TIME (GMT): 01: 07			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # COMMENTS:		
1	50						
2							
3	20						
4							
5	l		,				
6	l 1						
7	3 e						
8	20	:					
9	10						
10	\ \	:					
11	1						
12	\					·	

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

2 = No problems noted.

ABUNDANT SECUYFISH

3 = Leaking bottle.

4 = Did not trip correctly.

9 = Sample not drawn from this bottle.

blank = not reported.

#### **EN435 McGillicuddy Cruise**

depth: 75-22 Date: 5 /29/07 Station number: 1741 TIME (GMT): 02:21 Sample Bottle Bottle Salt Nuts SCAN # Bottle Pressure Quality Box Box COMMENTS: No. **DBars** Sample Flag Sample 25 65 65 65 50 40 30 20 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.

# **EN435 McGillicuddy Cruise**

	<u>129</u> 107			5	depth: 208m INITIALS: HED  TIME (GMT): 05:33  SCAN # 289
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box <u>D</u> Sample	Nuts Box Sample	SCAN $\#$ 289 comments:
1	195			·	
/2	195		12		
3	150		13		
$V_4$	100		14		
15	<del>}</del>				
46	40				: . <u>-</u>
7	38				
18	20				
<b>/</b> 9	10	:			
10	1				
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.

# **EN435 McGillicuddy Cruise**

DEPTHS: 86 m

	PO3	1	<i>,</i> ⊢	1/	Initials: $\mathcal{HED}$
Date: <u>5 / 29</u> /07		Station nu	<sub>umber:</sub> <u>/ 7</u>	· 6	TIME (GMT): 06:575
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 06:50  SCAN # 289  COMMENTS:
1	80				
$\frac{\nu}{2}$	80				
3	80				
4	80				
5	50		,		
6	40		f		
7	30				
1/8	20				
1/9	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.

### **EN435 McGillicuddy Cruise**

Date: 5	_/ <b>_29</b> _/07	Station n	umber:	77	INITIALS: JPM
		O.C.	dii20;;		TIME (GMT): 0803
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 457 COMMENTS:
1	80				
$\sqrt{}_{2}$	80	İ			
V/, 3	80				
V. 4	89		"		
V 5	50		· ·		
V , 6	40				
7	30				
<b>V</b> 8	20				
<b>√</b> 9	10				
<b>1</b> 0	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.

# **EN435 McGillicuddy Cruise**

					DEFIN
Date: <u>5</u>	Date: 5 / 29 /07 Station number: 178				INITIALS: JPM TIME (GMT): 0928
Sample Bottle No. ,	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): 0928  SCAN # MISSED  COMMENTS:
1	95	·			
$\sqrt{2}$	85 85				
√ 3	m /				
V 4	85				
\//5	50				
//6	40				
7	30				
1/8	20				
<b>√</b> 9	10				
<b>√</b> . 10	Į				
<b>V</b> ,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.

### **EN435 McGillicuddy Cruise**

Date: 5	<u> </u>	Station nu	ımber:/	7 <u>9</u>	DEPTH: 100 INITIALS: JPM TIME (GMT): 1053
Sample Bottle	Bottle Pressure	Bottle Quality	Salt Box	Nuts Box	SCAN# nissed
No.	DBars	Flag	Sample	Sample	COMMENTS:
√ 1	95				
\ \ 2					
/3					
,4	95				
<b>/</b> 5	50				
<b>1</b> /6	46				
7	30				
<b>V</b> 8	20				
/ 9	١٥				
<b>√</b> ,10	}				
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.

# **EN435 McGillicuddy Cruise**

					DEPTH: 99
Date: <u>5</u>	Date: <u>5 / 29 /</u> 07 Station number: <u>180</u>			INITIALS: JPM TIME (GMT): 2337	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # ~400 COMMENTS:
√, 1	94				
$\sqrt{2}$	94				
√_3	94				
<b>1</b> 4	94				
<b>V</b> 5	50				
/_6	40				·
$\sqrt{7}$	30				
√ 8	20				
√ 9	10				
V <sub>)</sub> 10	1				
<b>√</b> /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.

# **EN435 McGillicuddy Cruise**

					VUI OIL FL		
Date: 5	_/ <u>30</u> /07	Station n	umber:	81	INITIALS: 72 W 5		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Sait Box Sample	Nuts Box Sample	SCAN 共 330 COMMENTS:		
1	60						
2	60						
3	6c						
4	60						
5	50		· ·				
6	11.		;		·		
7	30						
8	Z <sub>C</sub>						
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.

# **EN435 McGillicuddy Cruise**

					DEPTH GO-SU INITIALS: XWS			
Date: 5	<u> </u>	Station n	umber:	82	INITIALS: $22.18$			
Sample Bottle No.	Bottle Pressure DBars			Nuts Box Sample	SCAN#			
1	40							
2	⊌ c							
3	40							
4	4 c							
5	# c		,					
6	40		1		·			
7	30							
8	2C							
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.

### **EN435 McGillicuddy Cruise**

					VEPT	Н	KW.	56
Date: 5	<u>/ 30</u> /07	Station nu	mber: <u>1</u> &	3_			){ W . 03:3	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN COMME	り开「		
1	40							
2	40							
3	40							
4	40							
5	40							
6	40							
7	30							
8	20							
9	10							
10	١							
11	1							
12	1							<b></b>

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					DEPTH 69m  I INITIALS: HED
Date: 5	<u>/30</u> /07	Station n	umber: 🗐	14	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	TIME (GMT): <u>BY:38</u> SCAN # 100  COMMENTS:
7	63				
2					
,/ ,3	63				
4	63				
V <sub>5</sub>	4				
~/ <sub>6</sub> ,	40				·
7	30				
8	20				·
V 9	1				
10	/				
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.

**EN435 McGillicuddy Cruise** DEPTH:65m PUMP STA. 5/30 INITIALS: Station number: 184a Sample Bottle Salt Bottle Nuts SCAN # 100 Bottle Pressure Quality Box. Box . COMMENTS: No. **DBars** Flag Sample Sample 11 12 Bottle Quality Flag Codes: (Source: WHP Data Reporting Requirements sec 3.4.1) 2 = No problems noted. 3 = Leaking bottle. 4 = Did not trip correctly. 9 = Sample not drawn from this bottle. blank = not reported. M. Swartz WHOI

50 m

EN43	5 McGil	licudo	ly Cruis	se	- " 07
	-/2				DEPTH: 97m
<u>ر</u>	30	1	ie		INITIALS: HED
Date: 😅	<del>72</del> /07	Station n	umber: <u>I ()</u>	5	TIME (GMT): <u>07:44</u>
Sample Bottle Bottle Pressure No. DBars		Bottle Salt Nuts Quality Box Box Flag Sample Sample			SCAN # 313 COMMENTS:
ץי	90				
<i>s/</i>		<u>-</u>			
L ;	90				
V	1 90				
	50		-		
(	33040		<u>:</u>		·
V.	7 7 30	)			
	3 3320	<b>\</b>			
	每/8	•			
1	每/			·	
1	(* 1				
	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.

# **EN435 McGillicuddy Cruise**

DEPTH: 146

Date: 5	<u>/ 20 /</u> 07	Station n	umber:	86	INITIALS: JPM TIME (GMT): 0902
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 36) COMMENTS:
√ 1	141				
V, 2	141				
√ 3	141				
V 4	166				
	50		<u> </u>		·
√ 6	46				
<b>V</b> ,7	30				
8	20				
//9	٥				
1/0	<b>,</b>				
/11	1				
V 12	ľ				

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

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

blank = not reported.

#### **EN435 McGillicuddy Cruise**

DEPTA: >450 JPM INITIALS: Date: 5 /30 /07 107 Station number: \_\_\_ TIME (GMT): \_\_\_\_\_\_\_ Sample Bottle Bottle Nuts Salt SCAN # missed Bottle Pressure Quality Box 🔟 Box Sample COMMENTS: No. DBars Flag Sample 15 250 16 2 200 17 150 100 50 40 30 20 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.

M. Swartz WHOI

off shelf station in > 1000m

#### **EN435 McGillicuddy Cruise**

DEPTH: 130-122 INITIALS: >{w & Date: 5 / 3a /07 Station number: 188 TIME (GMT): 13:24 Sample Bottle Bottle Salt Nuts SCAN # 433 Bottle Pressure Quality Box\_ Box **COMMENTS:** No. **DBars** Sample Flag Sample 110 110 110 100 50 5 40 30 20 8 10 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.

# **EN435 McGillicuddy Cruise**

					DEPTH: 00
Date: 5 / 3 0/07 Station number: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			umber: \ \ 2	39	DEPTH: 300 INITIALS: 24 5 TIME (GMT): 14:38
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN社 COMMENTS:
1	75				
2	75				
. 3					
4	75				
5	5c				
6	40			-	·
7	30				
8	20				
9	10				
10	1				
11	)				
12	1				CloseDAT BROZNER OF CAST

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

Date: 5 / 30/07		Station r	number:	9 6	INITIALS: # KUS  TIME (GMT): 15:53  SCAN# 193  COMMENTS:		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag					
1	62						
2	65						
3	63						
4	65						
5	ъ́с		·				
6	Цα		:				
7	<b>ე</b> ო						
8	20						
9	10						
10	(						
11	(						
12							

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

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

blank = not reported.

M. Swartz WHOI

DEPTH: 75

### **EN435 McGillicuddy Cruise**

	5/30				DEPTH: 60 M INITIALS: HED
Date: 🗲	S/30 <del></del>	Station n	umber: /	91	INITIALS: <u>HED</u> TIME (GMT): <u>17:04</u>
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN# 2000 COMMENTS:
	62				
	3 62 4 62				
~	4 62 5 50 6 40				
,	7 30				east:
	9 (6				Plengthened bottom cap langard watizway
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.

# **EN435 McGillicuddy Cruise**

.<	5/30				DEPTH: 61 m
Date: <u>5</u>	107 107	Station nu	umber: <u>19</u>	12	INITIALS: HED TIME (GMT): 18:23
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag			SCAN# 337 COMMENTS:
1	50				
2	50				
纟	50				
4	50				
5	<i>X</i>		, "		
<b>1</b> 6	40				
V7					
$ u_8' $	20				
/9	/S				
10					
11	1		:		
12		t			

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					, -	•		
5	/ 30 /07	107			INITIA	LS: _	JPM	
Date:	_/_50_/07	Station nu	Station number: <u>[93</u>			тіме (GMT): 2054		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Quality Box Box		SC	AN 歩 MENTS:	~400	
√/1	40							
$\sqrt{2}$	40							
$\sqrt{3}$	40							
	40					<i>;</i>		
	40							
	40							
7	30							
8	20							
<b>V</b> 9	ιο							
10	1				:			
N 11	(		<u>.</u>					
V 12	î						•	

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

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

blank = not reported.

#### **EN435 McGillicuddy Cruise**

JPM **INITIALS:** Date: 5 / 30/07 Station number: 194 2206 TIME (GMT): \_\_\_\_ Sample Bottle Bottle Salt Nuts SCAN # 289 Bottle Pressure Quality Box\_ Box. COMMENTS: No. **DBars** Sample Sample Flag 60 60 60 40 30 20 10

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

- 2 = No problems noted.
- 3 = Leaking bottle.

1

- 4 = Did not trip correctly.
- 9 = Sample not drawn from this bottle.

blank = not reported.

M. Swartz WHOI

DEPTH: 65

# **EN435 McGillicuddy Cruise**

Date: 5 / 3 5 /07 Station number:				INITIALS: JPM  TIME (GMT): 2324  SCAN A 500			
Sample Bottle No.	Bottle Pressure DBars	Bottle Salt Nuts Quality Box Box Flag Sample Sample			SCAN # ~ 500		
V / 1	65						
$\sqrt{2}$	65						
//3							
/4	65						
5	50		·				
V/6	46						
7,7	30						
//8	20						
<b>7</b> 9	10						
V/ 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.

# **EN435 McGillicuddy Cruise**

					VENTH: 18		
Date: 5	<u>/31/</u> 07	Station n	umber:	96	NEPTH: 78 INITIALS: 20:20		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Nuts Box Box Sample Sample		SCAN # 169 COMMENTS:		
1	70						
2	70						
	70						
4	70						
5	50						
6	40				·		
7	30						
8	20						
9	10						
10	1						
11	1						
12							

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

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

blank = not reported.

# **EN435 McGillicuddy Cruise**

					Der Pi : 10		
Date: 5 / 3) /07 Station number: 197				INITIALS: XWS TIME (GMT): 01:24  SCAN # 3CC			
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	lity Box Box		SCAN # 3CC COMMENTS:		
1	8 =						
2	80						
3	80						
4	Be						
5	5 c						
6	LI C		:		·		
7	30						
8	20						
9	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.

#### **EN435 McGillicuddy Cruise**

DEPTH: 97 INITIALS: >5 W S Date: 5 /3 / /07 Station number: 198 TIME (GMT): 02: 12 Sample Bottle Bottle Salt Nuts SCAN # 500 Bottle Pressure Quality Box. Box No. DBars Flag Sample Sample COMMENTS: 90 20 90 90 ೯೦ 40 30 20 8 10 10 l 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.

### **EN435 McGillicuddy Cruise**

					DEPTH: 119m
Date: <u>5</u>	<u> 131 107</u>	Station n	umber: <u>19</u>	79	DEPTH: 119m  INITIALS: HED  TIME (GMT): OG;33
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	uality Box Box		TIME (GMT): 06:33  SCAN # 200  COMMENTS:
Ĭ V	112				
2 V 3	112				
4	r				
<sup>2</sup> / <sub>5</sub>	50 140	<u>.</u>			
7	30				
× 8	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.

#### **EN435 McGillicuddy Cruise**

DEPTH: 95 INITIALS: Station number: 200 Date: 5 /3 / /07 TIME (GMT): \_\_\_\_\_0800 Sample Bottle Bottle Salt Nuts SCAN # 217 Bottle Pressure Box. Quality Box DBars COMMENTS: No. Flag Sample Sample 90 90 90 90 5 D 40 30 20 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.

#### **EN435 McGillicuddy Cruise**

DEPTH: 71 **INITIALS:** Date: 5 13/ 107 201 Station number: \_ 0919 TIME (GMT): Sample Bottle Bottle Salt Nuts missed Bottle Pressure Quality Box Box. COMMENTS: **DBars** Sample No. Flag Sample 66 66 66 66 50 46 30 20 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.

### **EN435 McGillicuddy Cruise**

DEPTH: 59

		1		INITIAL	.s: _	JPM	_	
Date:	<u>/ \$1</u> /07	Station n	Station number: 202			GMT): _	1032	
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample		NH		
V /1	53							
1/2	53							
,3	53							-
1/4	53					,		
5	50							
√ 6	40							
7	30							
<b>V</b> 8	Zδ							
V 9	10							
10	ı							
√ <i>1</i> 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.

### **EN435 McGillicuddy Cruise**

					DEPTH: 54
Date:	<u>/ 31</u> /07	Station nu	ımber: 2	03	INITIALS: JPM TIME (GMT): 1142
Sample Bottle No. /	Bottle Pressure DBars	Bottle Quality Flag			SCAN 4 ~456 COMMENTS:
V <sub>1</sub> 1	50				
V 2	5 <b>ð</b>				
//3	50				
V 4	50				
<b>5</b>	50		,		
	40		1		·
$\sqrt{}$	30				
/8	20				
/9	10				
/10	1				
//11	ı				
12	1				

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

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

blank = not reported.

### **EN435 McGillicuddy Cruise**

				, , , , , , , , , , , , , , , , , , , ,		
نے . ۔	.21	<u> </u>		INITIALS: DE WS		
Date: 5 /3 /07 Station number: 20 /				TIME (GMT): 12:56		
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Nuts Box Box Sample Sample		SCAN # Z82 COMMENTS:	
1	30					
2	30					
3	3 c					
4	30					
5	30		•			
6	30		3		·	
7	30					
8	20					
9	10					
10	l	<u> </u>				
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.

# **EN435 McGillicuddy Cruise**

					• •
Date://07		Station number: 205			INITIALS: メンント
Sample Bottle No.	Bottle Pressure DBars	Bottle Quality Flag	Salt Box Sample	Nuts Box Sample	SCAN # 450 COMMENTS:
1	30				
2	30				
3	30				
4	30				"
5	<i>\$ (</i>		·		
6	30			_	
7	30				
8	I :				
9	10				
10	Į				
11	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.