

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. LINE W MOORED STATION NO. 1263
M1 2012-2014

Launch (anchor over)

Date (day-mon-yr) 28 Aug 12 Time 0130 UTC
Latitude (N/S, deg-min) 39° 36.040' N Longitude (E/W, deg-min) 69° 43.038' W
Deployed by WORRICOV/HOGUE Recorder/Observer TOOLE
Ship and Cruise No. KN-208 Intended Duration 2YR
Depth Recorder Reading 2245 m Correction Source _____
Depth Correction _____ m _____
Corrected Water Depth _____ m Magnetic Variation (~~E~~W) 14 44 W
Argos Platform ID No. 11166 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) _____ Long. (E/W) _____

Acoustic Release Model 8242 XS

Release No. 35323/35327 Tested to 3000 m
Receiver No. — Release Command 127562/254663
Enable 111655/276044 Disable 111676/276067
Interrogate Freq. 11 Reply Freq. 12

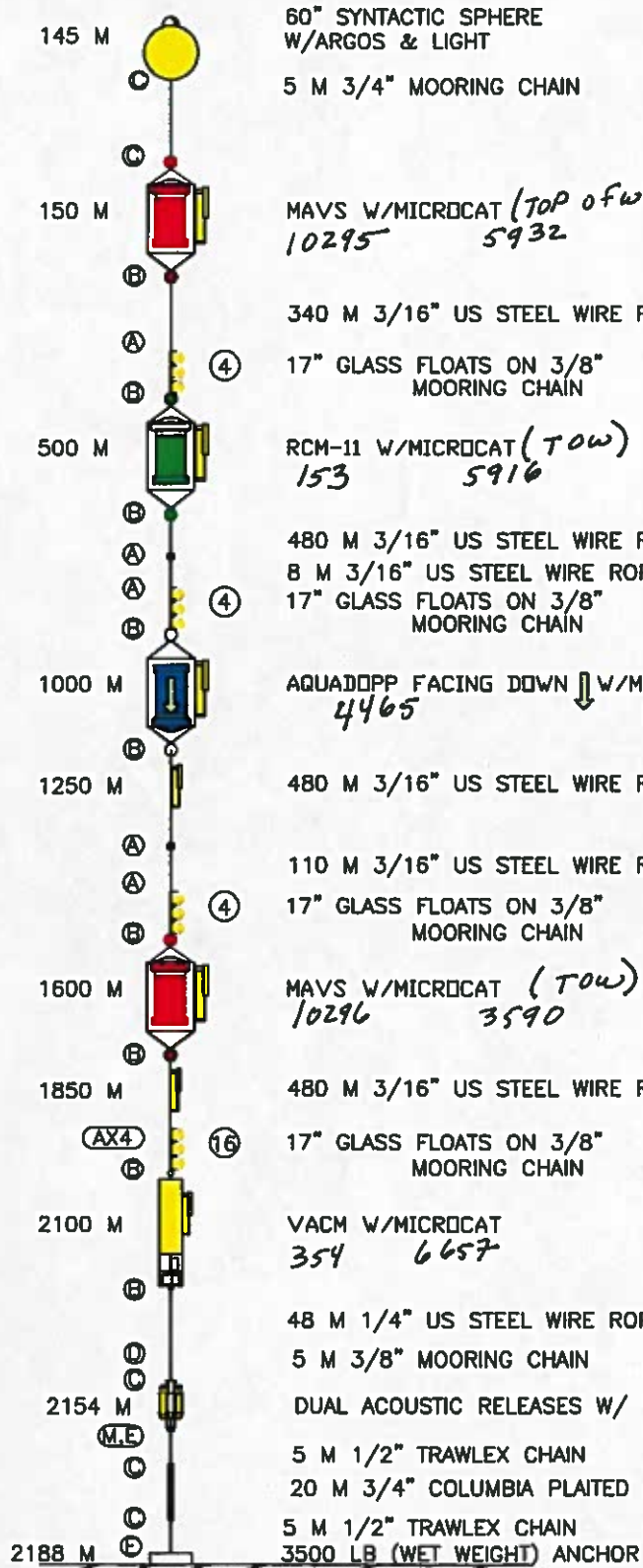
Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		60" SPHERE	2061-3	2308	ARGOS LIGHT 11166 88		203		
2	5	3/4" CHAIN							
3	1	MAVS	10295	2308			209		
4	340	3/16" WR	12071-21						
5		4 CAT	5932	2308	⊙ TOP OF WIRE ↗		210		
6	4	17" GB							
7	1	RLM-11	153	2337			557		
8	480	3/16" WR	10156-17						
9		4 CAT	5916	2337	⊙ TOP OF WIRE ↗		558		
10	8	3/16" WR	12074 ³⁸						
11	1	AQUADROP 4 CAT	4465 2045	0014	4.17" G.B.S		1054		
12	480	3/16" WR	-9						
13		4 CAT	7609	0030	⊙ 250 m FROM TOP				
14	110	3/16" WR	12071-32						
15	4	17" GB	✓						
16	1	MAVS	10296	0052			1653		
17	480	3/16" WR	-10						
18		4 CAT	3590	0052	⊙ TOP OF WIRE ↗				
19		4 CAT	7610	0101	⊙ 250 FROM TOP				
20	16	17" GB	✓						
21	1.8	VACM/4 CAT	V354/6657	0116	foam out 0053		2156		
22	4.8	1/4" WR	12071-41	0					

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23	5	1/2" Md	✓						
24	1	DUAL RELEASE	35323 35327	0123			2211		
25	5	1/2 TRALEX	✓						
26	20	3/4" NYLON	✓						
27	5	1/2 TRALEX	✓						
28		ANCHOR	✓	0130					
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									



SHACKLE TABLE

A	1/2" SH, 5/8" SL, 1/2" SH
B	5/8" SH, 5/8" SL, 1/2" SH
C	3/4" SH, 3/4" SL, 5/8" SH
D	1/2" SH, 3/4" SL, 3/4" SH
E	7/8" SH, 3/4" SL, 5/8" SH
F	5/8" SH, 5/8" SL, 5/8" SH
G	7/8" SH, 5/8" SL, 1/2" SH
M	1 1/4" ALLOY MASTER LINK

DATE	4/11/12	WOODS HOLE OCEANOGRAPHIC INSTITUTION
DESIGN	S. VORRILLOW	M1
DRAFT	C. MARQUETTE	STATION W 2012
		ACAD FILE: WMI_2012

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. W2-2012-14 MOORED STATION NO. 1262

Launch (anchor over)

Date (day-mon-yr) 27 Aug 12 Time 1452 UTC
Latitude (N/S, deg-min) 39° 12.919' N Longitude (E/W, deg-min) 69° 26.779' W
Deployed by WORRILOW/HOGUE Recorder/Observer TOOLE
Ship and Cruise No. KN-208 Intended Duration 2YR
Depth Recorder Reading 2759 SW 2959 m Correction Source _____
Depth Correction _____ m _____
Corrected Water Depth _____ m Magnetic Variation (E/W) 14 46 W
Argos Platform ID No. 10775 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) _____ Long. (E/W) _____

Acoustic Release Model 8242 K5

Release No. 33041 / 35319 Tested to 3000 m
Receiver No. — Release Command 332235 / 127476
Enable 314277 / 111446 Disable 314306 / 111465
Interrogate Freq. 11 Reply Freq. 12

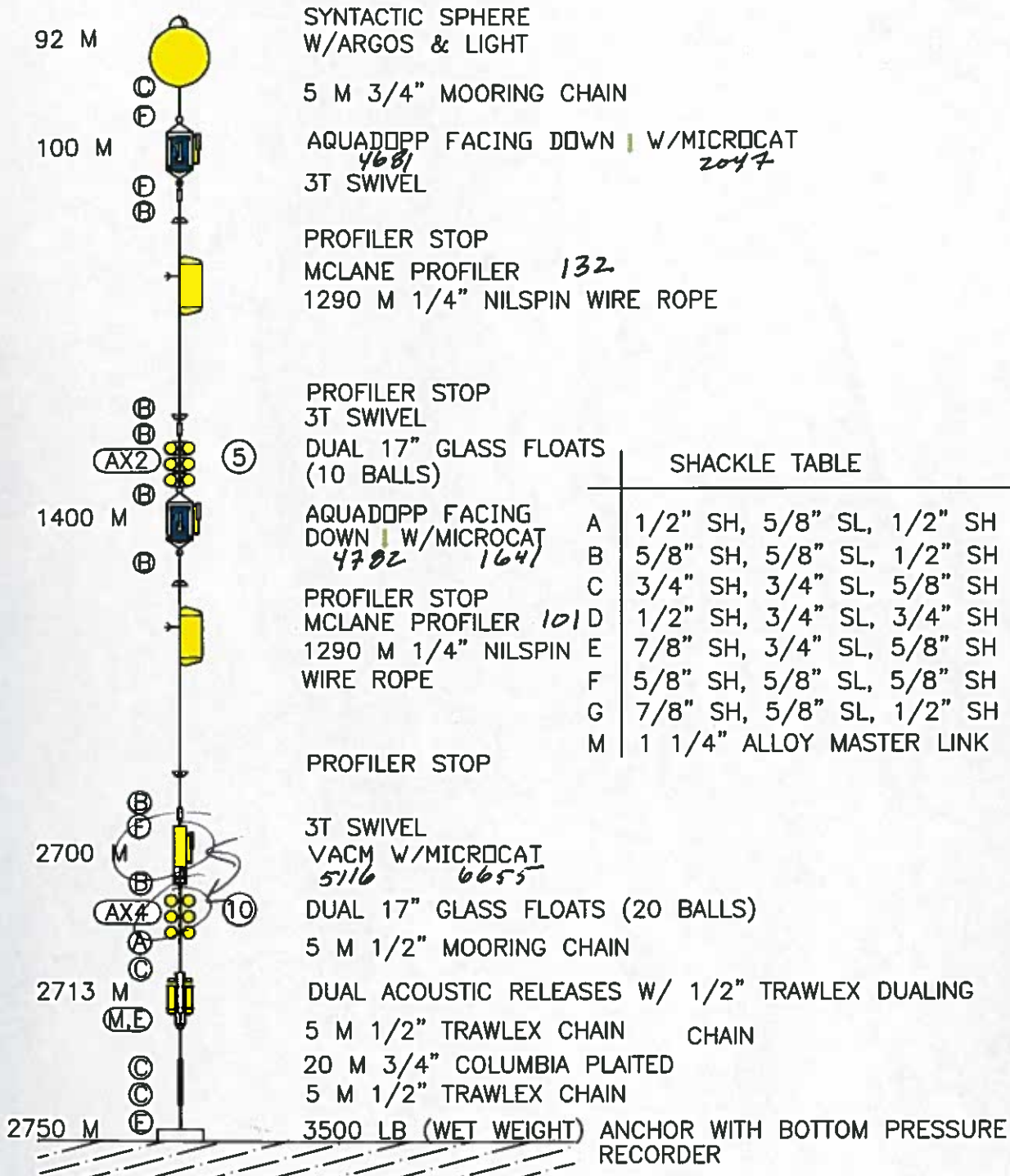
Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		sphere	ØØ9	1159	PTH=10775 lto=81		103		
2	5	3/4" M.C.	✓						
3		Aguadopp/uc	4681 2047	1159	aguadopp w/ucat		109		
4		swivel	✓						
5	1290	1/4" w.r.	10156-39						
6		MMP stop	✓						
7		MMP	132	1249					
8		stop	✓						
9		3T swivel	✓						
10	5	dual g.b.			12 balls total				
11		Aguadopp/uc	4782 1641	1323	aguadopp w/ucat		1411		
12	1290	1/4" w.r.	10271 39						
13		MMP stop	✓						
14		MMP	101	1345	zinc on EMCTD well covered				
15		stop	✓						
16		swivel	✓						
17	10	dual G.B.			20 balls in total				
18		VACM w/ucat	5116 655	1424	foam removed 1404		2719		
19	5	1/2" M.C.			tow at this point for 10 min				
20		dred releases	33041 35319	1446	33041 - 35319		2725		
21	5	1/2" T.C.							
22	²⁰	nylon							

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23	5	T.C.							
24		anchor	#	1451					
25									
26									
27									
28									
29									
30									
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44									
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DATE	WOODS HOLE OCEANOGRAPHIC INSTITUTION
4/11/12	
DESIGN	M2
S. WORRILLOW	STATION W 2012
DRAFT	
C. MARGUETTE	ACAD FILE: WH2_2012

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. LINE W MOORED STATION NO. 1261
M3 2012-2014

Launch (anchor over)

Date (day-mon-yr) 26 AUG 12 Time 1523 UTC
Latitude (N/S, deg-min) 38° 50.677' N Longitude (E/W, deg-min) 69° 11.002' W
Deployed by WORRILLOW/HOGUE Recorder/Observer TOOLE
Ship and Cruise No. KN-208 Intended Duration 2 1/2
Depth Recorder Reading 3255 m Correction Source _____
Depth Correction _____ m _____
Corrected Water Depth _____ m Magnetic Variation (E/W) 14° 48' W
Argos Platform ID No. 23911 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) _____ Long. (E/W) _____

Acoustic Release Model 8242 15

Release No. 35324/35469 Tested to 3000 m
Receiver No. _____ Release Command 127600/131266
Enable 111707/114442 Disable 111724/114461
Interrogate Freq. 11 Reply Freq. 12

Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1	1.6	64" SPHERE	SPHERE # 020	1200	ARGOS 23911 LIGHT 03		502		
2	5	3/4" CHAIN							
3	1	RCM-11	159	1200			508		
4	480	4 3/16" WR	2074-5	1200					
5		4CAT	7599	1200	TOP OF WIRE				
6		4CAT	3589	1200 1220	⊙ 350M				
7	209	3/16" WR	-24						
8	4	17" GB							
9	1	MAUS	10290	1255			1207		
10	480	3/16" WR	-6						
11		4CAT	7606 ✓	1255	TOP OF WIRE				
12		4CAT	5279 5291	1311	⊙ 350M				
13	209 4	3/16" WR 17 GB	-23 ✓		10156-B				
14	1	RCM-11 4CAT	349 5934 ✓	1330	FOAM REMOVED 1313		1907		
15	480	3/16" WR	12071-3 ⊙						
16		4CAT	6666 ✓	1352	⊙ 350M				
17	209	3/16" WR	-25						
18	4	17" GB							
19	1	MAUS	10288	1420			2606		
20	408	3/16" WR	-8						
21		4CAT	6658 ✓	1420	TOP OF WIRE				
22		4CAT	5935 ✓	1447	⊙ 300M				

109
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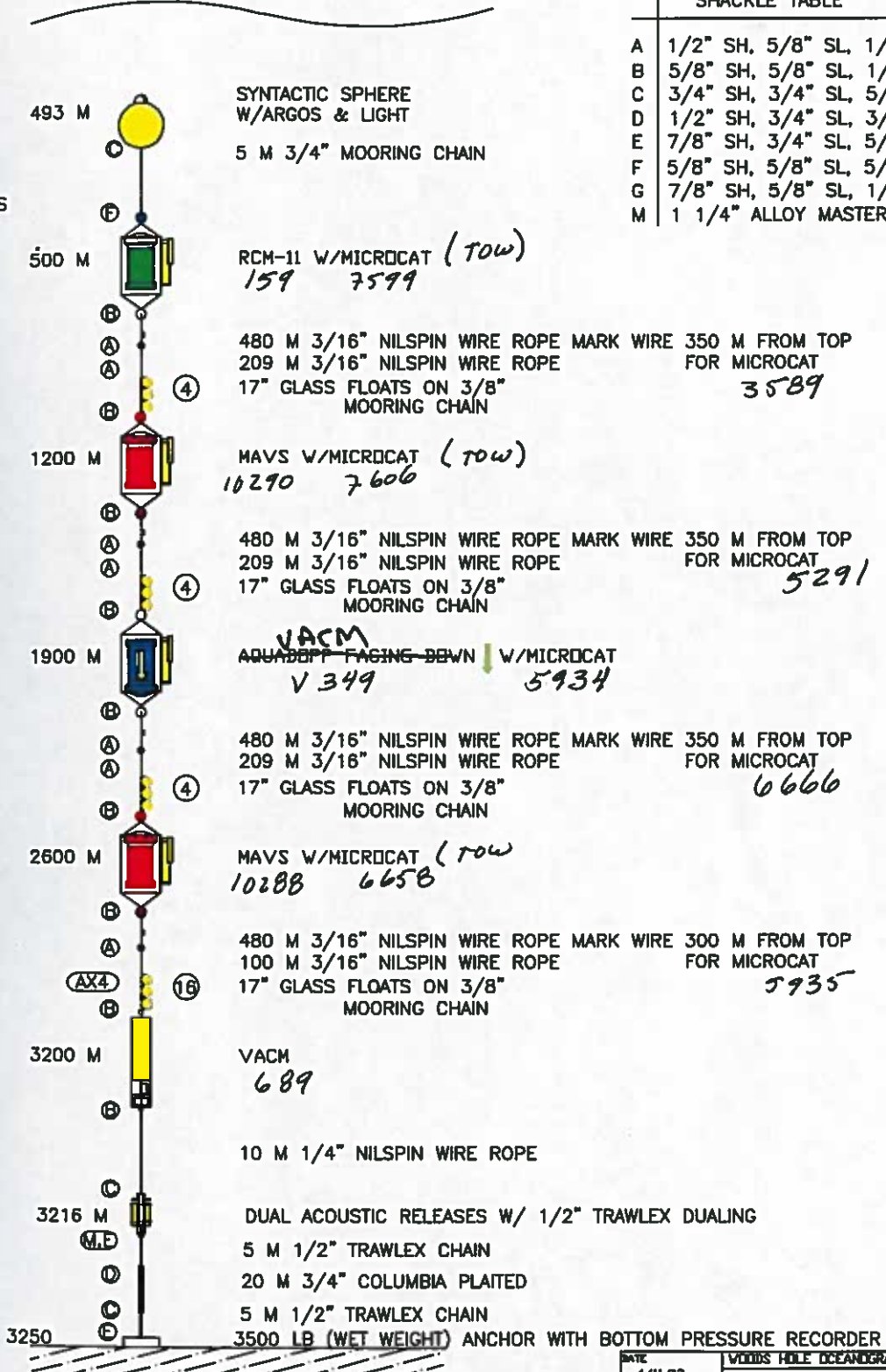
Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23	100	3/16" WR	-33						
24	16	17" GB	✓						
25	1.8	UACM	689	1508	Seam removed 1452	3209			
26	10	1/4" WR	-49	✓					
27	1	DUAL RELEASE	³⁵³²⁴ 35469	1515					
28	5	1/2" TRAWLER	✓						
29	20	3/4" NYLON	✓						
30	5	1/2" TRAWLER	✓						
31		ANCHOR		1523					
32									
33									
34									
35									
36									
37									
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39									
40									
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42									
43									
44									
45									

SHACKLE TABLE

A	1/2" SH, 5/8" SL, 1/2" SH
B	5/8" SH, 5/8" SL, 1/2" SH
C	3/4" SH, 3/4" SL, 5/8" SH
D	1/2" SH, 3/4" SL, 3/4" SH
E	7/8" SH, 3/4" SL, 5/8" SH
F	5/8" SH, 5/8" SL, 5/8" SH
G	7/8" SH, 5/8" SL, 1/2" SH
M	1 1/4" ALLOY MASTER LINK

MICROCAT DEPTHS

850 M
1550 M
2250 M
2900 M



DATE	4/11/12	WOODS HOLE OCEANOGRAPHIC INSTITUTION
DESIGN	S. VORRILLOV	M3
DRAFT	C. MARQUETTE	STATION W 2012
		ACAD FILE: VM3_2012

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. LINEW MOORED STATION NO. 1260
W4 2012-2014

Launch (anchor over)

Date (day-mon-yr) 25 AUG 12 Time 17:32 UTC
Latitude (N/S, deg-min) 38° 25.468' N Longitude (E/W, deg-min) 68° 54.029' W
Deployed by WARRLOW/HOGUE Recorder/Observer TODLE
Ship and Cruise No. KN-200 Intended Duration 2/R
Depth Recorder Reading 3966 m Correction Source 2/R
Depth Correction 3666 m
Corrected Water Depth _____ m Magnetic Variation (E/W) 14 46' W
Argos Platform ID No. 23668 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) _____ Long. (E/W) _____

Acoustic Release Model 8242 X5

Release No. 33405 / 33039 Tested to 3000 m
Receiver No. _____ Release Command 346 276 / 332 174
Enable 360677 / 314170 Disable 360706 / 314212
Interrogate Freq. 11 Reply Freq. 12

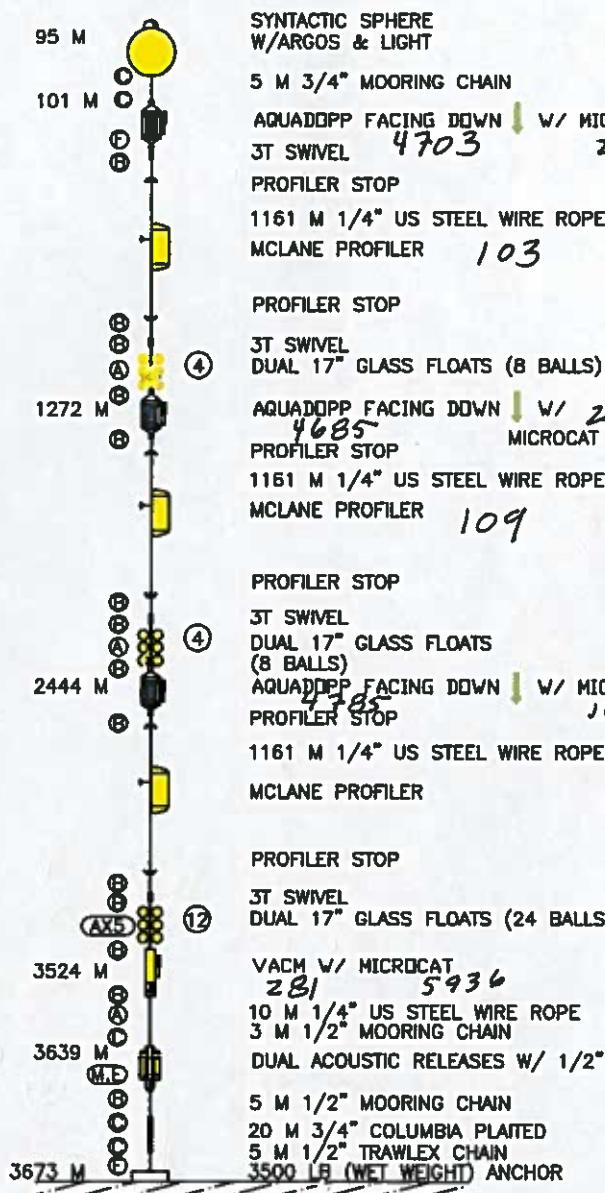
Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Moored Station Number 1260

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1	1.6	60" SPHERE	SPHERE # 019	1419	ARGOS # 2366B LIGHT # 93				
2	5	3/4" CHAIN							
3	1	AQUADOPP V 4 CAT	4703 2046	1419					
4		SWIVEL							
5		STOPPER							
6	1161	1/4" WR							
7		MMP	103	1450					
8		STOPPER	✓						
9		SWIVEL	✓						
10	4	17" DUAL GLASS	✓		8 BALLS				
11		AQUADOPP V 4 CAT	4695 2041	1526					
12		STOPPER	✓						
13	1161	1/4 WR	-23						
14		MMP	109	1535					
15		STOPPER	✓						
16		SWIVEL	✓						
17	4	17" GB DUAL	4785	✓	8 BALLS				
18		AQUADOPP V 4 CAT	4460 3588	1630	4785 1652				
19		STOPPER	1652	✓					
20	1161	1/4" WR	-40						
21		MMP	133	1643					
22		STOPPER	✓						

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		SWIVEL	✓						
24	12	17" GB OVAL	✓		24 BALLS				
25	1.8	VACM/4CAT	281/5936	1724	Foam removed 1653				
26	10	1/4" WR	✓						
27	3	1/2" MC	✓						
28	1	OVAL RELEASE	33039 33405						
29	5	1/2" MC	✓						
30	20	3/4" NYLON	✓						
31	5	1/2" TRAWLER	✓						
32		ANCHOR	✓	1732					
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									



95 M SYNTACTIC SPHERE
 W/ARGOS & LIGHT
 5 M 3/4" MOORING CHAIN
 101 M AQUADOPP FACING DOWN W/ MICROCAT (2046)
 JT SWIVEL 4703
 PROFILER STOP
 1161 M 1/4" US STEEL WIRE ROPE
 MCLANE PROFILER 103
 PROFILER STOP
 JT SWIVEL
 DUAL 17" GLASS FLOATS (8 BALLS)
 1272 M AQUADOPP FACING DOWN W/ 2041
 JT SWIVEL 4685 MICROCAT
 PROFILER STOP
 1161 M 1/4" US STEEL WIRE ROPE
 MCLANE PROFILER 109
 PROFILER STOP
 JT SWIVEL
 DUAL 17" GLASS FLOATS (8 BALLS)
 2444 M AQUADOPP FACING DOWN W/ MICROCAT
 JT SWIVEL 4785 1662
 PROFILER STOP
 1161 M 1/4" US STEEL WIRE ROPE
 MCLANE PROFILER
 PROFILER STOP
 JT SWIVEL
 DUAL 17" GLASS FLOATS (24 BALLS)
 3524 M VACH W/ MICROCAT
 281 5936
 10 M 1/4" US STEEL WIRE ROPE
 3 M 1/2" MOORING CHAIN
 3639 M DUAL ACOUSTIC RELEASES W/ 1/2" TRAWLEX DUALING
 5 M 1/2" MOORING CHAIN
 20 M 3/4" COLUMBIA PLATED
 5 M 1/2" TRAWLEX CHAIN
 3673 M 3500 LB (WET WEIGHT) ANCHOR

SHACKLE TABLE	
A	1/2" SH, 5/8" SL, 1/2" SH
B	5/8" SH, 5/8" SL, 1/2" SH
C	3/4" SH, 3/4" SL, 5/8" SH
D	1/2" SH, 3/4" SL, 3/4" SH
E	7/8" SH, 3/4" SL, 5/8" SH
F	5/8" SH, 5/8" SL, 5/8" SH
G	7/8" SH, 5/8" SL, 1/2" SH
M	1 1/4" ALLOY MASTER LINK

DATE 4/18/12	WOODS HOLE OCEANOGRAPHIC INSTITUTION
PILOT S. VIGNERIV	M4
BOAT C. MARQUETTE	STATION W 2012
	ACAD FILE W/M_B01E

Moored Station Log

(fill out log with black ball point pen only)

1259

ARRAY NAME AND NO. Line W MOORED STATION NO. W5 2012-14

Launch (anchor over)

Date (day-mon-yr) 24 Aug 12 Time 2359 UTC
Latitude (N/S, deg-min) 38° 03.54' N Longitude (E/W, deg-min) 68° 40.122' W
Deployed by WorriLOW/HOGUE Recorder/Observer Toole
Ship and Cruise No. KN-208 Intended Duration 2 yr
Depth Recorder Reading 4135 m Correction Source _____
Depth Correction _____ m
Corrected Water Depth _____ m Magnetic Variation (E/W) 14° 45' W
Argos Platform ID No. 23909 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) _____ Long. (E/W) _____

Acoustic Release Model 8242 X5

Release No. 33036 / 33042 Tested to 3000 m
Receiver No. _____ Release Command 332111 / 332250
Enable 314022 / 314325 Disable 314047 / 314340
Interrogate Freq. _____ Hz Reply Freq. _____ Hz

Recovery (release fired)

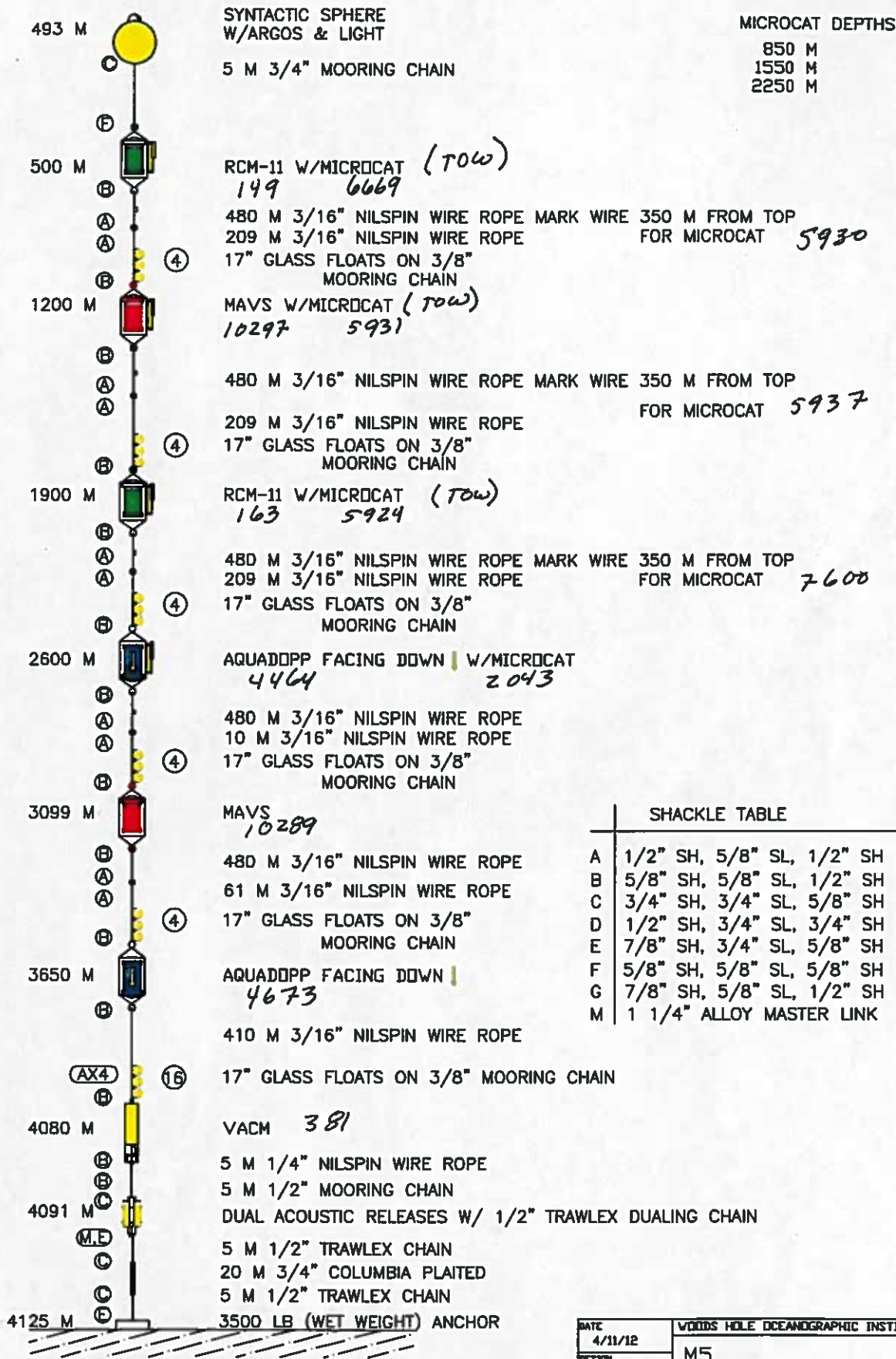
Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		Sphere	Ø21	1935	PTT = ²³²⁰⁹ Lite = 94		509		
2	5	3/4" M.C.							
3		RCM11	149	1935			515		
4		µcat	6669	1935	µcat @ top of wire				
5	480	3/16" w.r.	12074-1		↙				
6		µcat	5930	1955	@ mark on wire 350m from top				
7	209	3/16" w.r.	12074-28						
8	4	G.B.		2021					
9		MAVS	10297	2021			1214		
10		µcat	5931	2021	µcat @ top of wire				
11	480	3/16" w.r.	-2		↙				
12		µcat	5937	2039	@ mark on wire 350m from top				
13	208	3/16" w.r.	-29						
14	4	G.B.		2104					
15		RCM-11	163	2104			1909		
16		µcat	5924	2104	µcat @ top of wire				
17	480	3/16" w.r.	12074-7		↙				
18		µcat	7600	2123	@ mark on wire 350m from top				
19	209	3/16 w.r.	-30						
20	4	G.B.		2145					
21		agued w/ 14715		2145	4464 SN		2608		
22		µcat	2043	2145					

4464

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23	480	3/16" w.f.	12494	14					
24	10	3/16" w.f.	-37						
25	4	G.B.		2215					
26		MAVS	10289	2215			3107		
27	480	3/16" w.f.	-15						
28	61	3/16" w.f.	-34						
29	4	G.B.		2247					
30		regvad	4673	2247			3657		
31	410	3/16" w.f.	-19						
32	16	G.B.		2310					
33		VACM	381	2314	foam removed (2310)		4089		
34	5	1/4" w.f.	1244-53						
35	5	1/2" M.C.							
36		dual releases	33036 33042	2320					
37	5	1/2" T.C.							
38	20	nylon 3/4"							
39	5	1/2" T.C.							
40		anchor		2329					
41									
42									
43									
44									
45									



MICROCAT DEPTHS
 850 M
 1550 M
 2250 M

SYNTACTIC SPHERE
 W/ARGOS & LIGHT
 5 M 3/4" MOORING CHAIN

RCM-11 W/MICROCAT (TOW)
 149 6669
 480 M 3/16" NILSPIN WIRE ROPE MARK WIRE 350 M FROM TOP
 209 M 3/16" NILSPIN WIRE ROPE FOR MICROCAT 5930
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

MAVS W/MICROCAT (TOW)
 10297 5931
 480 M 3/16" NILSPIN WIRE ROPE MARK WIRE 350 M FROM TOP
 209 M 3/16" NILSPIN WIRE ROPE FOR MICROCAT 5937
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

RCM-11 W/MICROCAT (TOW)
 163 5924
 480 M 3/16" NILSPIN WIRE ROPE MARK WIRE 350 M FROM TOP
 209 M 3/16" NILSPIN WIRE ROPE FOR MICROCAT 7600
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

AQUADOPP FACING DOWN W/MICROCAT
 4464 2043
 480 M 3/16" NILSPIN WIRE ROPE
 10 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

MAVS
 10289
 480 M 3/16" NILSPIN WIRE ROPE
 61 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

AQUADOPP FACING DOWN
 4673
 410 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

VACM 381
 5 M 1/4" NILSPIN WIRE ROPE
 5 M 1/2" MOORING CHAIN
 DUAL ACOUSTIC RELEASES W/ 1/2" TRAWLEX DUALING CHAIN
 5 M 1/2" TRAWLEX CHAIN
 20 M 3/4" COLUMBIA PLAITED
 5 M 1/2" TRAWLEX CHAIN
 3500 LB (WET WEIGHT) ANCHOR

SHACKLE TABLE

A	1/2" SH, 5/8" SL, 1/2" SH
B	5/8" SH, 5/8" SL, 1/2" SH
C	3/4" SH, 3/4" SL, 5/8" SH
D	1/2" SH, 3/4" SL, 3/4" SH
E	7/8" SH, 3/4" SL, 5/8" SH
F	5/8" SH, 5/8" SL, 5/8" SH
G	7/8" SH, 5/8" SL, 1/2" SH
M	1 1/4" ALLOY MASTER LINK

DATE	4/11/12	WOODS HOLE OCEANOGRAPHIC INSTITUTION
DESIGN	S. VORRILLOW	M5
DRAFT	C. MARQUETTE	STATION W 2012
		ACAD FILE: VHS_2012

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Line W W6 MOORED STATION NO. 1258
2010-12

Launch (anchor over)

Date (day-mon-yr) 24 AUG 12 Time 1501 UTC
Latitude (N/S, deg-min) 37° 27.715 N Longitude (E/W, deg-min) 68° 17.070 W
Deployed by WORRICA/HUGUE Recorder/Observer TOOLE
Ship and Cruise No. KN 208 Intended Duration 2 YR
Depth Recorder Reading 4996 m Correction Source _____
Depth Correction 4696 m _____
Corrected Water Depth _____ m Magnetic Variation (E/W) 14° 46' W
Argos Platform ID No. 5367 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) _____ Long. (E/W) _____

Acoustic Release Model 8242 X5

Release No. 33404 / 26353 Tested to 3000 m
Receiver No. _____ Release Command 346255 / 343175
Enable 360631 / 341406 Disable 360657 / 341440
Interrogate Freq. 11 Reply Freq. 12

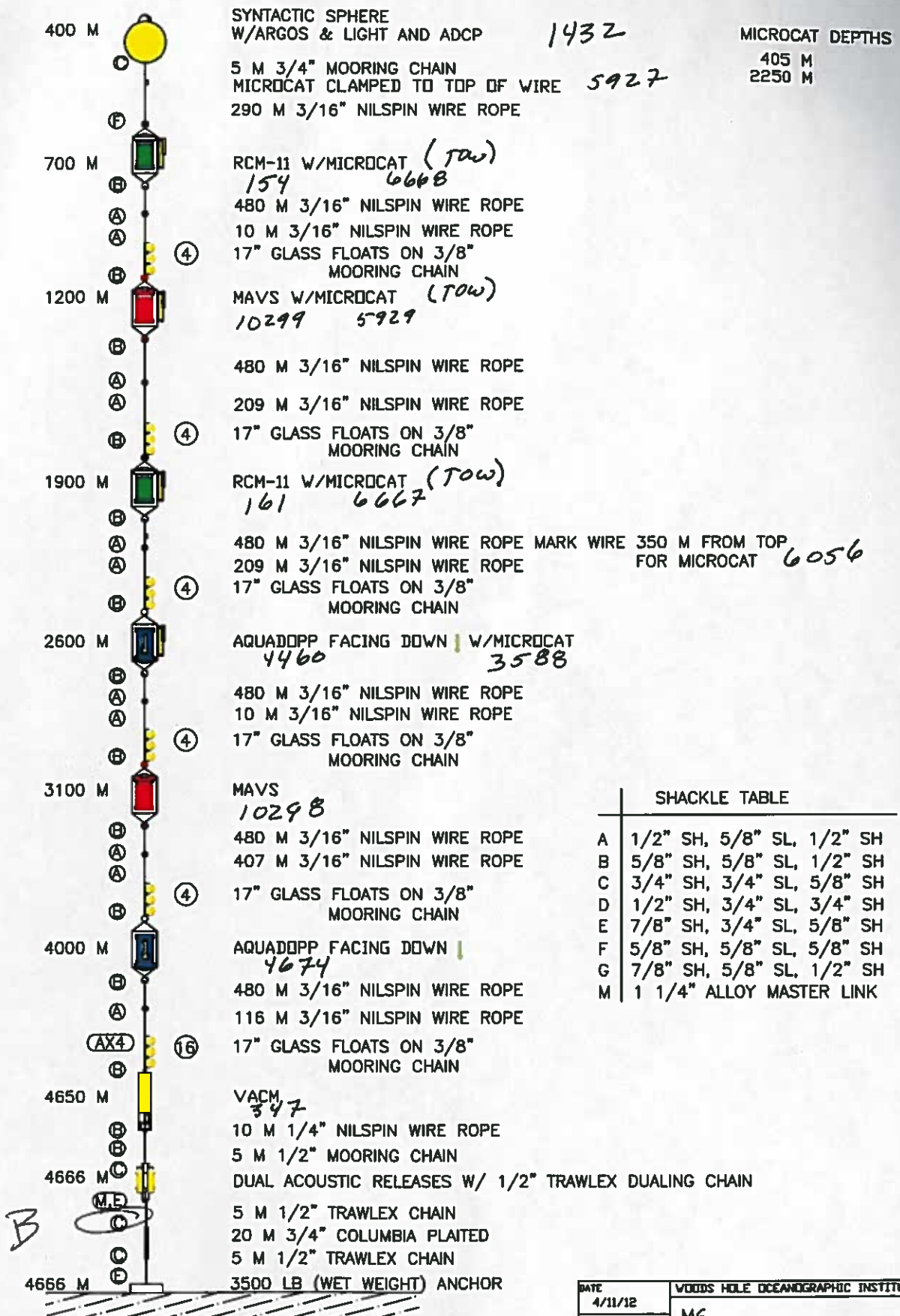
Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		sphere w/	1408	1108	Pff: 5367 lito = 90		731		
2		ADCP	1432	11	sphere upside down in water initially				
3	5	3/4" M.C. ✓							
4	290	3/16" Nils pin	12074-22						
5		ucat at top of wire	5927	1108					
6		RCM-II w/	154 ✓	1125			1030		
7		ucat	6668 ✓		ucat on wire just below RCM				
8	480	3/16" Nils pin	12074-16						
9	10	3/16" w.f.	10274-35						
10		4 G.B.'s		1159					
11		MAVS w/	10299	1200	xducer ring down		1528		
12		ucat	5929	1200	ucat on wire just below MAVS				
13	480	3/16" w.f.	10274-17						
14	209	3/16" w.f.	-26						
15		4 G.B.'s							
16		RCM II w/	161	1239			2228		
17		ucat	6667	1239	ucat on wire below RCM				
18	480	3/16" w.f.	-11						
19		ucat	6056	1250					
20	209	3/16" w.f.	10274-27						
21		4 G.B.'s							
22		Aquad w/	4460	1308	hydrophones pointed down		2927		

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		ucat	3588 1652	1308					
24	480	3/16 w.f.	-12						
25	10	3/16 w.f.	-36						
26	4	4 G.S.s							
27		MAVS	10298	1332			3426		
28	480	3/16" w.f.	-18						
29	407	3/16" w.f.	-20						
30	4	4 G.S.s							
31		Aquad.	4674	1408			4325		
32	480	3/16" w.f.	-4						
33	116	3/16" w.f.	-31						
34	16	17' G.S.s							
35		VACM	089 347	1438	Seam out 1435		4945		
36	10	1/4" w.f.	-54						
37	5	1/2" m.c.							
38		Dual Releases	33404 26353	1451	33404/26353				
39	5	1/2" Trawlax							
40	20	3/4" nylon							
41	5	1/2" Trawlax							
42		anchor		1501					
43									
44									
45									



SYNTACTIC SPHERE
 W/ARGOS & LIGHT AND ADCP 1432
 5 M 3/4" MOORING CHAIN
 MICROCAT CLAMPED TO TOP OF WIRE 5927
 290 M 3/16" NILSPIN WIRE ROPE

MICROCAT DEPTHS
 405 M
 2250 M

RCM-11 W/MICROCAT (Tow) 154 6668
 480 M 3/16" NILSPIN WIRE ROPE
 10 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

MAVS W/MICROCAT (Tow) 10299 5929
 480 M 3/16" NILSPIN WIRE ROPE
 209 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

RCM-11 W/MICROCAT (Tow) 161 6667
 480 M 3/16" NILSPIN WIRE ROPE MARK WIRE 350 M FROM TOP FOR MICROCAT 6056
 209 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

AQUADOPP FACING DOWN W/MICROCAT 4460 3588
 480 M 3/16" NILSPIN WIRE ROPE
 10 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

MAVS 10298
 480 M 3/16" NILSPIN WIRE ROPE
 407 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

AQUADOPP FACING DOWN 4674
 480 M 3/16" NILSPIN WIRE ROPE
 116 M 3/16" NILSPIN WIRE ROPE
 17" GLASS FLOATS ON 3/8" MOORING CHAIN

VACM 347
 10 M 1/4" NILSPIN WIRE ROPE
 5 M 1/2" MOORING CHAIN
 DUAL ACOUSTIC RELEASES W/ 1/2" TRAWLEX DUALING CHAIN
 5 M 1/2" TRAWLEX CHAIN
 20 M 3/4" COLUMBIA PLATED
 5 M 1/2" TRAWLEX CHAIN
 3500 LB (WET WEIGHT) ANCHOR

SHACKLE TABLE	
A	1 1/2" SH, 5/8" SL, 1/2" SH
B	5/8" SH, 5/8" SL, 1/2" SH
C	3/4" SH, 3/4" SL, 5/8" SH
D	1 1/2" SH, 3/4" SL, 3/4" SH
E	7/8" SH, 3/4" SL, 5/8" SH
F	5/8" SH, 5/8" SL, 5/8" SH
G	7/8" SH, 5/8" SL, 1/2" SH
M	1 1/4" ALLOY MASTER LINK

B

DATE	4/11/12	WOODS HOLE OCEANOGRAPHIC INSTITUTION
DESIGN	S. VERRILLOW	M6
DRAFT	C. MARQUETTE	STATION W 2012
		ACAD FILE: WM6_2012