

11 TIMES IN 31.11

# DEPLOYMENT/RECOVERY SHEET - ADCP

150 #42

## DEPLOYMENT

## RECOVERY

Position: <i>meering A (4446)</i>	Ship: <i>Algae</i>	Date: _____	Time: _____
Date: <i>April 2016</i>	Time: <i>16:15 UTC</i>	Personnel: _____	Time: _____
Personnel: <i>Adam Howitt</i>		Last Good Reading: _____	
Sounding: <i>300 m</i>		Notes: <i>Sample interval: 1 min 20 sec avg interval: 1 hr</i>	
First Good Reading: _____			
Settings:			
First Ping Date: <i>07/06/2016</i>	Time: <i>15:00 UTC</i>		
Deployment Duration: <i>1.5 hrs</i>			
Battery Voltage: <i>44 V</i>	Consequences:		
No of Bins: <i>50</i>	First Bin range: <i>12.2</i>		
Bin Size (m): <i>8 m</i>	Last Bin range: <i>604.2</i>		
Pings per Ensemble: <i>45</i>	Wh Battery Usage: <i>1.6 / 2</i>		
Magnetic Variation: <i>0</i>	Std Deviation: <i>1.06 cm/s</i>		
	Storage needed: <i>14.5 mb</i>		
Was TESTADCP run	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	
Compass Calibrated:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	
O-Rings Checked:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	
Was Transducer heads anti-fouled:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	
Sufficient disc space available:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	

ASCA - C3 Times in gmt

DEPLOYMENT/RECOVERY SHEET - ADCP WOKHORSE

DEPLOYMENT		RECOVERY	
Position:	Ship:	Date:	Time:
Date:	Time:	Personnel:	
Personnel:		Last Good Reading:	
Sounding:		Notes:	
First Good Reading:		# 15643 (300 kHz)	
Settings:		Fun wave: 50.40	
First Ping Date: 07/04/2016	Time: 08:00	Blank distance: 1.76	
Deployment Duration: 365		Sampling interval: 60min	
Battery Voltage: 45.16 V	Consequences:	File name: C3-02	
No of Blins: 50	First Bin range: 1.20	Acoustic Releases:	
Bin Size (m): 2	Last Bin range: 12.20	1) 56448 R x 9.0 T x 12.0 En: J R I: K	
Pings per Ensemble: 120	Wh Battery Usage: 619.01	2) 56454 R x 10.5 T x 12.0 En: J R I: M	
Magnetic Variation: 0	Std Deviation: 0.63		
	Storage needed: 7.64		
	Temp 5°C		
Was TESTADCP run	Y/N		
Compass Calibrated:	Y/N		
O-Rings Checked:	Y/N		
Was Transducer heads anti-fouled:	Y/N		
Sufficient disc space available:	Y/N		

Argos Beaman: A06-096 (120488/AF7C48B)

SBE37 SVP-1000m  
 # 8335  
 Voltage 7.02 (Main) 5.20 (ki)  
 sampling interval: 3600 sec  
 Start 7/4/2016 08:00















SBE-37 Deployment Logsheet

Cruise: AOEA 0416  
 Date: 12 April 2016  
 In-situ time:  
 Depth:

Mooring: M445 (G)  
 Latitude:  
 Longitude:

Instrument S/N	Mooring ID	Clock set to UTC?	Start sample time	Memory initialized?	sample interval	Start Sampling	V_main/ V_lith	In-situ time (UTC)	Notes
13748	M445-18	✓	12 April 2016 19:00	✓	1200 sec	✓	6.96/3.19		
13742	M445-17	✓	19:00	✓	1200	✓	7.02/3.18		
13746	M445-16	✓	19:00	✓	1200	✓	6.96/3.19		
<del>13747</del>	<del>M445-15</del>								
13789	M445-13	✓	19:00	✓	1200	✓	6.92/3.19		
13755	M445-14	✓	19:00	✓	1200	✓	6.97/3.19		pressure offset in air 2.45 db (see callup)
13743	M445-15	✓	19:00	✓	1200	✓	6.85/3.17		
12086	M445-12	✓	19:00	✓	1200	✓	6.98/3.16		from OSNAPP batch of microcasts (700m)
13776	M445-11	✓	19:00	✓	1200	✓	6.86/3.19		
13765	M445-10	✓	19:00	✓	1200	✓	6.99/3.18		
13784	M445-08	✓	19:00	✓	1200	✓	7.02/3.18		
13797	M445-07	✓	19:00	✓	1200	✓	7.06/3.18		
13760	M445-06	✓	19:00	✓	1200	✓	6.96/3.17		
13780	M445-04	✓	19:00	✓	1200	✓	7.02/3.19		no microcast "stair"
13735	M445-03	✓	19:00	✓	1200	✓	7.02/3.18		
13774	M445-02	✓	19:00	✓	1200	✓	6.97/3.19		
13729	M445-01	✓	19:00	✓	1200	✓	6.94/3.17		

4200  
3500  
3000  
1750  
2000  
2500  
1500  
1300  
1100  
900  
700  
550  
400  
300m  
200m  
100m

Notes:



SBE-37 MicroCAT Calibration (cal-dip) Logsheet

Cruise:	ARCA 0416
Date:	12 April 2016
Time:	15:09
Delay Start Time:	15:45
Cal-dip #:	6
Sample interval:	10 sec
CTD Cast:	5 fm 004

Station:	P3 (G)
Latitude:	
Longitude:	

Notes:

SBE37 S/N	mooring ID #	data filename	starting sample number	number of samples	Clock set (GMT)	new battery installed	new anti-foulant installed	Logging init set	sample int. set	Subc
13774			1825		OK	✓				✓
13765			1740		OK	✓				✓
13754		CalDip6-SN13754.xml	1239	1197	OK	✓	✓			✓
13750		CalDip6-SN13750.xml	1061	1184	OK	✓	✓			✓
13767		CalDip6-SN13767.xml	1080	1168	OK	✓	✓			✓
13773		CalDip6-SN13773.xml	1049	1210	OK	✓	✓			✓
13726		CalDip6-SN13726.xml	1114	1221	OK	✓	✓			✓
13734		CalDip6-SN13734.xml	1147	1237	OK	✓	✓			✓
13786		CalDip6-SN13786.xml	1216	1267	OK	✓	✓			✓
13791		CalDip6-SN13791.xml	1193	1277	OK	✓	✓			✓
13785		CalDip6-SN13785.xml	786	1288	OK	✓	✓			✓
13795		CalDip6-SN13795.xml	1225	1247	OK	✓	✓			✓
13777		CalDip6-SN13777.xml	1206	1311	OK	✓	✓			✓
13799		CalDip6-SN13799.xml	739	1299	OK	✓	✓			✓

SBE-37 MicroCAT Calibration (cal-dip) Logsheet

Cruise:	APCA0416
Date:	12 April 2016
Time:	07:28
Delay Start Time:	08:00
Cal-dip #:	5
Sample Interval:	60 sec
CTD Cast:	007

Station:	P4
Latitude:	
Longitude:	

Notes:	
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SBE37 S/N	mooring ID #	data filename	starting sample number	number of samples	Clock set (GMT)	new battery installed	new anti-foulant installed	Logging init set	sample int. set	Stor Samp
13746		CalDIP5-sn13746.xml	809	1436	ok	✓	✓	N	✓	✓
13745		CalDIP5-sn13745.xml	709	1339	ok	✓	✓	N	✓	✓
12086		CalDIP5-sn12086.xml	664	1411	ok	✓	✓	N	✓	✓
12196		CalDIP5-sn12196.xml	616	1276	ok	✓	✓	N	✓	✓
12174		CalDIP5-sn12174.xml	631	1339	ok	✓	✓	N	✓	✓
13784		CalDIP5-sn13784.xml	618	1187	ok	✓	✓	N	✓	✓
13775		CalDIP5-sn13775.xml	721	1337	ok	✓	✓	N	✓	✓
13774		CalDIP5-sn13774.xml	720	1108	ok	✓	✓	N	✓	✓
13797		CalDIP5-sn13797.xml	608	1170	ok	✓	✓	N	✓	✓
13755		CalDIP5-sn13755.xml	678	1113	ok	✓	✓	N	✓	✓
13728		CalDIP5-sn13728.xml	1207	1263	ok	✓	✓	N	✓	✓
13729		CalDIP5-sn13729.xml	666	1204	ok	✓	✓	N	✓	✓
13765		CalDIP5-sn13765.xml	670	1069	ok	✓	✓	N	✓	✓
13753		CalDIP5-sn13753.xml	1502	1172	ok	✓	✓	N	✓	✓
13789		CalDIP5-sn13789.xml	536	1141	ok	✓	✓	N	✓	✓
13798		CalDIP5-sn13798.xml	598	1120	ok	✓	✓	N	✓	✓

SBE-37 MicroCAT Calibration (cal-dip) Logsheet

Cruise:	ASCA0416
Date:	11 April 2016
Time:	10:49
Delay Start Time:	11:00
Cal-dip #:	caldip 4
Sample Interval:	10.000
CTD Cast:	002

Station:	P5
Latitude:	
Longitude:	

Notes:

SBE37 S/N	mooring ID #	data filename	starting sample number	number of samples	Clock set (GMT)	new battery installed	new anti-foulant installed	Logging init set	sample int. set	status
13742		caldip4-sn13742.xml	827	1586	OK	✓	✓	N	✓	✓
13788		caldip4-sn13788.xml	582	1561	OK	✓	✓	N	✓	✓
13743		caldip4-sn13743.xml	579	1460	OK	✓	✓	N	✓	✓
13766		caldip4-sn13766.xml	612	1574	OK	✓	✓	N	✓	✓
13748		caldip4-sn13748.xml	847	1547	OK	✓	✓	N	✓	✓
12147		caldip4-sn12147.xml	694	1370	OK	✓	✓	N	✓	✓
13747		caldip4-sn13747.xml	851	1393	OK	✓	✓	N	✓	✓
13744	1105	caldip4-sn13744.xml	789	1377	OK	✓	✓	N	✓	✓
12089	1105	caldip4-sn12089.xml	1152	1483	OK	✓	✓	N	✓	✓
12182	1105	caldip4-sn12182.xml	655	1497	OK	✓	✓	N	✓	✓
<del>13787</del>	1105	caldip4-sn13787.xml	668	1468	OK	✓	✓	N	✓	✓
13790	1110	caldip4-sn13790.xml	649	1416	OK	✓	✓	N	✓	✓
13776	1110	caldip4-sn13776.xml	677	1360	OK	✓	✓	N	✓	✓
13781	1110	caldip4-sn13781.xml	649	1426	OK	✓	✓	N	✓	✓
13756	1110	caldip4-sn13756.xml	720	1365	OK	✓	✓	N	✓	✓
13735	1110	caldip4-sn13735.xml	600	1540	OK	✓	✓	N	✓	✓

SBE-37 MicroCAT Calibration (cal-dip) Logsheet

X cald barnn aborted

Cruise:	ASCA
Date:	16/4/9
Time:	12:15
Delay Start Time:	13:30
Cal-dip #:	3
Sample interval:	10 Sec
CTD Cast:	001

Station:	
Latitude:	
Longitude:	

Notes:

1st rosette caldip for  
pre/post-cal mooring B microcats  
pre-cal mooring

SBE37 S/N	mooring ID #	data filename	starting sample number	number of samples	Clock set (GMT)	new battery installed	new anti-foulant installed	Logging init set	sample int. set	start log
13182	400m	caldip3-sn13182.xml	51992	1753	16/4/9 09:02:17	N	N	N	✓	✓
13185	300m	caldip3-sn13185.xml	51995	1729	16/4/9 09:05:30	N	N	N	✓	✓
8335	CA		0		12:27:15	✓	✓	✓	✓	✓
4350	1200m	caldip3-sn4350.asc	52572	1705	12:29:56	N	N	N	✓	✓
2655	700m	caldip3-sn2655.asc	52570	1749	12:36:16	N	N	N	✓	✓
4353	900m	caldip3-sn4353.asc	52576	1747	12:38:51	N	N	N	✓	✓
13757		caldip3-sn13757.xml	752	1764	OK	✓	✓	N	✓	✓
13796		caldip3-sn13796.xml	1368	1766	OK	✓	✓	N	✓	✓
13755		caldip3-sn13755.xml	1460	1777	OK	✓	✓	N	✓	✓
13760			1561	1780	OK	✓	✓	N	✓	✓
13749		caldip3-sn13749.xml	1541	1775	OK	✓	✓	N	✓	✓
13727		caldip3-sn13727.xml	739	1758	OK	✓	✓	N	✓	✓
13780	14:45	caldip3-sn13780.xml	822	1334	OK	✓	✓	N	✓	✓
13800	14:45	caldip3-sn13800.xml	721	1285	14:42:55	✓	✓	N	✓	✓
13752	14:50	caldip3-sn13752.xml	845	1260	14:56:02	✓	✓	N	✓	✓
13758		caldip3-sn13758.xml	868	1258	OK	✓	✓	N	✓	✓

could not get this microcat (8335) to register on the software - K. McManis

35 Row

Recovery

INSTRUMENT SETUP SHEET - ASCA  
 Aanderaa - Mooring and depth: 0 - 1500m B - 1000m C - 1000m D - 2500 C - 1500m D - 2000m C - 2000m D - 3000m D - 1000m D - 1500m

Serial #	241	36	49	236	244
Aanderaa Type	RCM 11	RCM 11	RCM 11	RCM 11	RCM 11
Institution / Research Group	NIOZ	NIOZ	NIOZ	NIOZ	NIOZ
Institution serial number (if applicable)	11143	02356	01830	11181	13746
Data Storage Unit serial number	8168	13742	13846	12227	-
Instrument start date					
Instrument start time					
Battery Type	Lithium	Lithium	Lithium	Lithium	Lithium
Sampling Interval	20	20	20		
Temperature Range	HIGH WIDE	HIGH WIDE	WIDE		
Magnetic Variation	0	0	0		
Log filename					Mooring_D_3000
Tests Completed					
UTC Clock Adjusted					
New Battery Pack					
New O-Ring					
Battery terminals taped (for vibrations)					
Instrument Service Date					

14:44:00Z 14:54:30Z 15:03:00 15:13:18 15:25:30

Instrument stop  
Zincs replaced

Need Zincs + 'o' rings for next tomorrow.

Aanderaa service kits?

UTC - 17.45.37  
 DSL - 17.36.20  
 12.17

DSL: not running  
 12:00:00 AM  
 December 1999

40  
37  
77

**INSTRUMENT SETUP SHEET - ASCA**

**Aanderaa - Mooring and depth: B - 1000 m C - 1000 m C - 1500 m C - 2000 m D - 1000 m D - 1500 m**

Serial #	RCM 11	RCM 11	RCM 11	RCM 11	RCM 11	RCM 11	RCM 11
Aanderaa Type	NIOZ	NIOZ	NIOZ	NIOZ	NIOZ	NIOZ	NIOZ
Institution / Research Group	1150						
Institution serial number (if applicable)	14142						
Data Storage Unit serial number	10/06/2016						
Instrument start date	08-20-2						
Instrument start time	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Battery Type	20 min						
Sampling Interval	Wide						
Temperature Range	0						
Magnetic Variation							
Log filename							
Tests Completed							
UTC Clock Adjusted	X						
New Battery Pack	✓						
New O-Ring	X						
Battery terminals taped (for vibrations)	✓						
Instrument Service Date	26 March						
	213						



**Aanderaa Instrument Deployment Sheet - ASCA**

Mooring and Depth	C	C	C	C
Serial #	403	190	238	
Aanderaa Type	RCM-11	RCM-11	RCM-11	
Institution / Research Group	M102	M102	M102	
Institution serial # (if applicable)				
Data Storage Unit (DSU) Serial #	13512	13743	13745	
Erased DSU	✓	✓	✓	
DSU clock adjusted to UTC	✓	✓	✓	
Additional tests completed				
New battery pack	✓	✓	✓	
Battery terminals isolated (for vibrations)	✓	✓	✓	
Battery type	(lith) gm	lithium	lithium	
Battery voltage	7.82	7.84	7.82	
New O-Ring				
Start date				
Start time (UTC)				
Sampling interval				
Magnetic variation				
Temperature range				

Aanderaa Instrument Recovery Sheet - ASCA

Mooring and Depth	C-1000m	C-1500m	C-2000m
Serial #	403	140	238
Aanderaa Type	RCM-11	RCM-11	RCM-11
Institution / Research Group	NI02	NI02	NI02
Institution serial # (if applicable)	0741	1816	
Data Storage Unit (DSU) Serial #	13512	13743	13745
Instrument off date	17/04/2016	17/04/2016	17/04/2016
Instrument start date	08:52	08:58	09:10
Time of first reading	09/04/2015 10:59	09/04/2015 10:59	09/04/2015 10:59
Time of last reading	30/01/2016 00:12	17/04/2016 08:36	17/04/2016 02:00
Log file name			
DSU clock drift	1 min 52 sec	9 min 26 sec	13 min 15 sec

file name : mooring - position - Depth - S/N  
 (A,B,C,D,E,F,G)

File names: mooring - Depth - SW. ASC  
.DSU

AANDERAA INSTRUMENT RECOVERY SHEET - ASCA 2016

Mooring and depth:	0-1500m	0-1000m	D-2500m	D-2000m	D-3000m
Serial #	241	36	49	236	244
Aanderaa Type	RCM 11	RCM 11	RCM 11	RCM 11	RCM 11
Institution / Research Group	NIOZ	NIOZ	NIOZ	NIOZ	NIOZ
Institution serial number (if applicable)	11143	02356	01830	11181	13746
Data Storage Unit (DSU) serial number	8168	13742	13846	12227	-
Instrument off date	15/04/2016	15/04/2016	15/04/2016	15/04/2016	15/04/2016
Instrument off time	14:44:00	14:54:30	15:03:00	15:13:18	15:25:30
Log filename					mooring_D_24
DSU clock drift	4 min 18 sec	1 min 35 sec	8 min 57 sec	-	12 min 17 sec

1st Readings 09/06/2015 09:20:00  
last Readings 15/04/2016 15:05:00

AANDERAA INSTRUMENT DEPLOYMENT SHEET - ASCA

Mooring and depth:					
Serial #	241	36	49	236	244
Aanderaa Type	RCM 11	RCM 11	RCM 11	RCM 11	RCM 11
Institution / Research Group	NIOZ	NIOZ	NIOZ	NIOZ	NIOZ
Institution serial number (if applicable)	11143	02356	01830	11181	-
Data Storage Unit (DSU) serial number	8168	13742	13846	12227	13746
Tests completed					
UTC Clock Adjusted	✓	✓	✓	✓	✓
New Battery Pack	✓	✓	✓	✓	✓
New O-Ring	no	no	no	no	no
Battery terminals taped (for vibrations)	✓	✓	✓	✓	✓
Instrument Service Date	16/4/16	16/4/16	16/4/16	16/4/16	16/4/16
Battery Type	Lithium	Lithium	Lithium	Lithium	Lithium
Sampling Interval	20 min	20 min	20 min	20 min	20 min
Temperature Range	wide	wide	wide	wide	wide
Magnetic Variation	0	0	0	0	0

Raised DSU  
Start Time UTC 07:40 06:20:00 08:40 07:40 NOT USED  
Date 16/4/16 16/06/2016 16/4/16 16/4/16

Bathym voltmax 7.81 7.34

strings cleaned