

2152

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. BoB 1 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 8-12-14 Time 0828 UTC
 Latitude (N/S, deg-min) 18 00.61 N Longitude (E/W, deg-min) 89 27.34 E
 Deployed by Lord / Whelan Recorder/Observer D. Zimmerman-PMEL
 Ship and Cruise No. Sagar Nidhi 5N14-14 Intended Duration 12 mo.
 Depth Recorder Reading 2152 m Correction Source _____
 Depth Correction ✓ m _____
 Corrected Water Depth _____ m Magnetic Variation (E/W) _____
 Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) 18 00.596 N Long. (E/W) 89 27.292 E

Acoustic Release Model Edgetech 8242

Release No. 33405 / 48272 Tested to _____ m
 Receiver No. _____ Release Command 346276 / 551037
 Enable 360677 / 567300 Disable 360706 / 567323
 Interrogate Freq. 11 KHz Reply Freq. 12 KHz

Recovery (release fired)

Date (day-mon-yr) 1-29-16 Time 0630 L UTC
 Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
 Recovered by Lord / Hasbrouck Recorder/Observer Praveen Kumar
 Ship and Cruise No. Sagar Kenya 326 Actual duration _____ days
 Distance from actual waterline to buoy deck 175-80cm m

Surface Components

Buoy Type MOBS 2.7m Color(s) Hull Yellow w/blue Tower White

Buoy Markings NIOT logo
MOBS00N Buoy - NIOT - OCEAN OBSERVATION SYSTEM

Surface Instrumentation

Item	ID #	Height*	Comments
Logger-588	39		
HRH	269	222	
BPR	240	231	
WND	240	267	
PRC	235	248	
LWR	265	282	
SWR	268	282	
SST	5995		
Iridium TX	302X24		IMEI 300234061736240
Logger ^{BM}	40		
HRH	213	222	
BPR	221	232	
WND	329	267	
PRC	206	250	
LWR	210	282	
SWR	506	282	
SST	5994		
Iridium TX	303Q0E		IMEI 300234061478750
Lascar	1002364	200	
XEOS Rover		244	
WXT	7	260	IMEI 300434060123150/24 HR

*Height above buoy deck in centimeters

8 DEC 2014

Moored Station Number

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		Buoy		0356	off deck time				
2	.53	3/4 Chain						11:40	buoy lifted
3		SBE 37	12259	0356				11:45	buoy on deck
4	.45	3/4 Chain					2.3	11:50	broken fishing lines along instruments ^{top 4} instruments onboard
5		Nortek	11975	0355	Heads up ADCP		3.5		10:55 next 4 on deck
6		PAR SOLO-T	76573	0355	same bar as Nortek		4.0		
7		XR 420	13249	0343	term only - LONG/P		5		
8		SBE 37	12260		term only		6		
9	.75	3/4 Chain							
10		PAR SOLO-T	76574	0342	Heads up ###		8		
11	1.125	3/4 Chain							
12		SBE 37	8214				10		
13		SEAGUARD	33	0341	term only - owned by AADP		11		
14		SOLO-T	76575		term only "up"		12		
15	.825	3/4 Chain							
16		SBE 37	8213	0340	cell down #		14		
17		PAR	882006		same bar as 37		14		
18	.975	3/4 Chain							
19		SOLO-T	76576	0339	"up"		16		
20	.375	3/4 Chain							
21		Nortek	11437	0338	ADCP "up"		17		
22		SBE 37	3639	0338	term only with P		18.3		

local time (15T)

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23	.750	3/4 Chain							
24		SOLO-T	76577		"up"		20		
25	.675	3/4 Chain							
26		Chipod	801	0336	In cage		21.6	11:57	Chipod on deck
27		SBE 37	1913		term only		23.6	11:57	
28		SOLO-T	76578		term only		24.5		long wire / more than 10m. instruments may be slid down, due to fishing line.
29	.750	3/4 Chain							
30		SBE 37	8222		cell down		26		
31		PAR	882008		same bar		26		
32	.750								
33		SOLO-T	76579	0333			28		
34	20.7	7/6 W.R.			w/ instruments clamped				
35		Chipod	802	0333			30		Chipod clamp broken & slide down. So not in 30m depth when recovered.
36		SBE 37	2015		missing - pulled off wire		32		
37		SOLO-T	76580		missing		34		
38		SBE 37	7717		bleaded / destroyed		36		Missing
39		Chipod	708	0330	Missing		38		Smashed conductivity gauge broken I/O connector
40		SOLO-T	76581		Missing		40		Missing
41		SBE 37	8223				42		
42		XR 420	15218				44		Smashed conductivity gauge
43		Chipod	804	0329			46		
44		XR 420	15223	0329			48		
45								11:14	all instruments on deck

Moored Station Number

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	local time (IST)	
								Time Back	Notes
46	28	7/16 W.R.			STERN DEPLOYED				
47		SBE 37	2012	0435	Instruments Clamped ← 0428 GMT		50	10:44	
48		XR 420	15224	0431	SN 15224		52	10:42	
49		• Chipod	805	0432			55	10:41	
50		XR 420	15224	0434	SN 15225		57.5	10:40	
51		SBE 37	6730	0435			60	10:39	
52		XR 420	15247	0439			62.5	10:38	
53		• Chipod	806	0439			65	10:35	
54		SOLO T	76582	0439			67.5	10:35	
55		SBE 37	7217	0440			70	10:34	
56		SBE 37	7219	0453			76	10:32	
57	173	3/4 Chain			In Place of DCP				
58		ADCP	14193	0454	RDX in cage		80	10:28	
59		SUNA	354	"	term only		82	10:27	
60		SOLO-00	79556	"	same bar as SUNA		82	10:27	
61	17	7/16 WR					83.5		
62		SBE 37	7715	0454	cell down ^{up} ##		83.5	10:25	
63		PAR	882009	"	mounted to SBE 37		83.5	10:25	
64		XR 420	17263	0456	LONG W/P 17263		89.5	10:25	
65		SBE 37	7716	0457			95.5	10:23	mounting screws fall out
66	148	7/16 WR			Instruments Clamped				
67									

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	local time (IST)	
								Time Back	Notes
68		XR 420	17559	0459			104	10:20	
69		XR 420	17560	0501			120	10:19	bio fouling
70		SBE 39	0045	0502			135	10:18	
71		XR 420	17561	0504			150	10:17	
72		SBE 39	0051	0506			175	10:16	SBE 39 back on deck
73		XR 420	17562	0508			200	10:14	XR 420 back on deck
74					TERMINATION			10:14	XR 420 back on deck
75		VMCM	3	0512	SPIN 0511 GMT ROTORS		249	10:02	VMCM on deck
76	250	3/8 W.R.					501	0950	VMCM on deck
77		VMCM	9	0522	ROTOR SPINS 0521 GMT				
78	250	3/8 W.R.					754	0934	VMCM on deck
79		VMCM	11	0531	ROTOR 0530 GMT SPINS				
80	250	3/8 WR			SN 38 ROTOR-SPINS 0540 GMT				
81	30	VMCM	38	0541	30m 3/8 WR ADDED BELOW VMCM 38		1007	0915	VMCM on deck
82	100	3/8 WR			Special Termination				
83	200	7/8 NYL			With over braid				
84									
85	100	7/8 NYL		0558					
86	650	1" CABLE		0609	SPLICE D				
87	52	GLASS		0645	Glass ball array ^{START}			0800	glass balls on deck
88	5	1/2 Chain							
89	1	Release		0734	IN WATER	0705		0705	glass balls surfaces
90	5	1/2 Chain							

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
91	20	1" Sampson							
92	5	1/2 Swin							
93		Anchor		0828	8 DEC 2014 GMT				
94					18°-00.6'N				
95					89°-27.34'E				
96					ANCHOR DRIP POSITION				
97									
98									
99									

Date/Time

Comments

12-8
 notes line looks in 80cm. 55T maybe to high
 Designed for higher current. *JK*
 a lost minute change turned all 5000 & 50E 37's "up"
 due to a battery orientation concern ~~turned out~~ turned out
 not a problem. Too late to change back *JK*

12-9
 Could not remove bulwark. Added terminations below
 2.3 m miscount. All instruments ok M. Deeper. *JK*

12-10
 One probe shows mooring wire hung on 46 m Chigood.
 end cap ~~bolts~~ should show and allow to align in next case
JK