

# Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus 23 MOORED STATION NO. \_\_\_\_\_

## Launch (anchor over)

Date (day-mon-yr) 15-Mar-25 Time 2108 UTC  
Deployed by Hanes / Graham / Smith Recorder/Observer Bigorre / Torquera  
Ship and Cruise No. AGS61 - Stratus 23 Intended Duration 365  
Depth Recorder Reading 4225 m Correction Source local SOS  
Depth Correction 0 m Multibeam surveys from past cruises  
Corrected Water Depth 4225 m Magnetic Variation (E/W) \_\_\_\_\_  
Anchor Drop Lat. (N/S) 22° 29.171' Lon. (E/W) 085° 49.627'  
Surveyed Pos. Lat. (N/S) 22° 29.117' Lon. (E/W) 085° 49.720'  
Argos Platform ID No. \_\_\_\_\_ Additional Argos Info on pages 2 and 3

Acoustic Release Model EdgeTech Tested to 1500 m

Release No. 1 (sn) <u>33036</u>	Release No. 2 (sn) <u>54688</u>
Interrogate Freq. <u>11 kHz</u>	Interrogate Freq. <u>11 kHz</u>
Reply Freq. <u>12 kHz</u>	Reply Freq. <u>12 kHz</u>
Enable <u>314 022</u>	Enable <u>272 474</u>
Disable <u>314 047</u>	Disable <u>272 505</u>
Release _____	Release _____

## Recovery (release fired)

Date (day-mon-yr) \_\_\_\_\_ Time \_\_\_\_\_ UTC  
Latitude (N/S) \_\_\_\_\_ Longitude (E/W) \_\_\_\_\_  
Recovered by \_\_\_\_\_ Recorder/Observer \_\_\_\_\_  
Ship and Cruise No. \_\_\_\_\_ Actual duration \_\_\_\_\_ days

Distance from waterline to buoy deck 60 cm  
Deployment cruise: Valparaiso to Valparaiso; 2025/3/10 to 23

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### Surface Components

Buoy Type D08 Color(s) Hull Tower Blue / yellow / white

Buoy Markings \_\_\_\_\_

### Surface Instrumentation

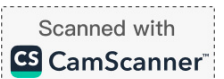
Item	ID #	Height*	Comments
Logger	04		Port side. (aft = buoy vane). Sys 1
HRH	211	234	SD card.
BPR	501	243	SD.
WVD	222	267	CF card.
PRC	319	252	SD
LWR	265	281	CF
SWR	210	281	SD
SST	1306		SBE37.
Net Triidium	3002 3341 3406 510		
Logger	14		Starboard side. Sys 2
HRH	221	234	SD card
BPR	506	243	SD
WVD	344	267	CF
PRC	235	252	SD
LWR	261	281	CF
SWR	207	281	SD
SST	1839		SBE37.
Net Triidium	3002 3406 3441 050		
Standalone:			
WXT	201	267	SD
SWR	352	281	CF. E play
HRH	263	234	SD
ATMP	477	234	SBE39 AT
Rotronic	12718303	234	

\* Height above buoy deck in centimeters

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Subsurface Instrumentation on Buoy and Bridle			
Item	ID #	Depth† below deck	Comments
SBE56	6239		95 cm below deck. Port 90°
SBE56	6410		65cm below deck. Bow 0°
SBE56	6412		85cm below deck. Bow 0°
SBE56	6983		95cm below deck. Bow 0°
SBE56	7211		95 cm below deck. Starboard 270°
Xeos Kilo	3002 3406 2945 460		
Xeos Melo			3000 3401 3701 980
Xeos Rover	725		3004 3406 3443 730
Xeos Rover	726		3004 3406 3448 720
PCO <sub>2</sub> :			PTEL system
antenna	25		
SBE16	6885		
ECO	2843		
SBE63	3209		
SATI	P0018		
SPANgas	J303188		
NAPCO <sub>2</sub>	CGA-889		
Battery	101		

†Depth below buoy deck in centimeters



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Item No.	Length (m)	Item	Depth (m)	Inst No.	Time Over	Time Back	Notes
1		buoy			13:51		
2	0.22	chain 3/4"					
3		SBE37	2	1325	13:51		with load bar.
4	0.37	chain 3/4"					
5		SBE37	3.7	1326	13:51		with load bar.
6		SBE39	4.9	5275	13:51		Dagon, short TB. (UP)
7	1.3	chain 3/4"					
8		Quadrant ECU11	7	78	13:16		looking up.
9	1.5	chain 3/4"					
10		SBE37	10	1328	13:06		with load bar.
11	1.73	chain 3/4"					
12		ADCP Nortek	13	17784	13:04		with long load bar. Looking up.
13	1.35	chain 3/4"					
14		SBE37	16	1329	13:02		with load bar.
15	2.7	chain 3/4"					
16		As Seaguard	20	144	13:00		with Optode. with load bar.
17	3.66	chain 3/4"					
18		SBE39	25	38	12:57		Up, short TB
19	3.90	chain 3/4"					
20		SBE37	30	1330	12:54		with load bar.
21	1.12	chain 3/4"					
22		Seaguard	32.5	182	12:52		with load cage
23	1.2	chain 3/4"					
24		SBE39	35	3439	12:50		Up, short TB
25	3.9	chain 3/4"					

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		SBE37	40	8211 ✓	12:48		with lead bar.
27	3.66	chain 3/4"					
28		Seaguard	45	138 ✓	12:45		with Optode, with cage.
29	16	wire 7/16"					
30		SBE39	50	48 ✓	12:45		clamped.
31		SBE39	55	49 ✓	12:50		clamped.
32		SBE37	62.5	8212 ✓	13:57		with lead bar.
33	16	wire 7/16"					
34		SBE39	70	102 ✓	14:00		clamped (win mark missing)
35		SBE39	77.5	103 ✓	14:04		clamped (Send 203)
36		ADCP RDI	80	1218 ✓	14:08		looking up,
37	6	wire 7/16"					
38		SBE37	85 ✓	1909 ✓	14:08		with Pressure. clamped
39		Seaguard	87.3	140 ✓	14:10		with Optode. Caged
40	18.2	wire 7/16"					
41		SBE39	92.5	203 ✓	14:14		clamped. (Send 103)
42		SBE39	100	276 ✓	14:15		clamped
43		Wetlabs	100.5	2866 ✓	14:17		clamped. (14:17 TURN ON)
44		Seaguard	107	961 ✓	14:20		with Optode, STIP (LS).
45	21.5	wire 7/16"					
46		SBE39	115	284 ✓	14:22		clamped.
47		SBE37	130	8215 ✓	14:24		with lead bar.
48	14	wire 7/16"					
49		Seaguard	145	141 ✓	14:27		with Optode
50	13.5	wire 7/16"					

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51		SBE37	160	8216	14:34		with load bin.
52	21.7	wire 7/16					clamped.
53		SBE39	175	719	<del>14:38</del> 14:38		with Optode, C,T,P (LS).
54		Seagund	183	964	14:40		
55	5.5	wire 7/16					with load bin.
56		SBE37	190	12258	14:43		with load
57	29	wire 7/16					with load bin.
58		SBE37	220	12256	14:49		
59	13.5	wire 7/16					with Optode.
60		Seagund	235	142	14:51		
61	53.5	wire 7/16			<del>14:55</del> 14:55		Clamped.
62		SBE39	280	720	<del>14:55</del> 14:55		with Optode.
63		Seagund	290	143	14:58		
64	58.5	wire 3/8"					Clamped
65		SBE37	295	1906	15:00		with Optode, C,T,P (LS).
66		Seagund	350	969	15:04		
67	48.5	wire 3/8					pod 69. 15:09:30 (SOLG)
68		VNCH	400	2019	15:09		
69	48.5	wire 3/8					with Optode.
70		Seagund	450	181	15:15		
71	148.5	wire 3/8					with Pressure. Clamped. Use second mark
72		SBE37	550	10602	15:21		with load bin.
73		<del>Seagund</del> SBE37	600	11392	15:28		
74	100	wire 3/8					24130-15 Clamped
75		SBE37	601	1908	15:28		

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76		SBE37	698	8218	15:37		clamped. Taped due to loose clamp
77		SBE37	700	<del>8218</del> 11393	15:37		with load bar
78	100	wire 3/8					24130-18
79		VN17	802	2062	15:42		Tpod 17. 15:42:00
80	48.5	wire 3/8					24130-20
81		VN17	853	2065	15:46		Tpod 09. 15:46:03
82	1151	wire 3/8					22105-15
83		SBE37	857	8219	15:49		clamped.
84		SBE37	1354	2012	16:04		clamped.
85		SBE37	1557	8222	17:18		clamped
86		SBE37	2000	7218	17:40		clamped
87	100	wire 3/8					) potted termination 19172-24
88	200	Nylon 7/8					
89	1700	Nylon 7/8			18:03		) spliced at sea
90	1200	Colmax 1 inch					
91		glassballs (92)					HHH+HH+HH+HH+HH=96
92		SBE37	4187	11379	20:47		) dued on Ti Loadbar
93		SBE37	4187	11394	20:47		
94	5	chain 1/2					
95		Release	4193	33036	20:50		) dued
96		Release	4193	54688	20:50		
97	1	chain					
98	5	chain 1/2					
99	20	Samson 1"					
100	5	chain 1/2					
101		Anchor			21:08		

