

# Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-14 MOORED STATION NO. \_\_\_\_\_

## Launch (anchor over)

Date (day-mon-yr) 28 July 2017 Time 02:19 UTC UTC  
Deployed by Hasbrouck/Weller Recorder/Observer Clabaugh  
Ship and Cruise No. HA-17-02 Intended Duration 12m  
Depth Recorder Reading NA m Correction Source \_\_\_\_\_  
no working depth sounder  
Depth Correction \_\_\_\_\_ m  
Corrected Water Depth \*4753 m Magnetic Variation (E/W) \_\_\_\_\_  
Anchor Drop Lat. (N/S) 22° 40.158' Lon. (E/W) 157° 56.803'  
Surveyed Pos. Lat. (N/S) 22° 40.0358' Lon. (E/W) 157° 57.0703'  
Argos Platform ID No. see p.2 Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech 8242xs Tested to 1500m m

|                                 |                                 |
|---------------------------------|---------------------------------|
| Release No. 1 (sn) <u>33412</u> | Release No. 2 (sn) <u>35323</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>361226</u>            | Enable <u>111655</u>            |
| Disable <u>361243</u>           | Disable <u>111676</u>           |
| Release <u>346443</u>           | Release <u>127562</u>           |

## Recovery (release fired)

Date (day-mon-yr) 26-Sep-2018 Time 1657 UTC  
Latitude (N/S) 22° 40.240 N Longitude (E/W) 157 57.157 W  
Recovered by Pietro/Hasbrouck Recorder/Observer Piveddemann  
Ship and Cruise No. HA-18-03 Actual duration 425 days  
Distance from waterline to buoy deck 60 cm

\*Corrected depth recorded on R/V Kilo Moana (KM18-21)

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| Surface Components                     |   |               |                                |
|--|---|---------------|--------------------------------|
| Buoy Type                              | <u>MOB</u>  | Color(s)      | <u>blue hull, white tower</u>  |
| Buoy Markings                          | <u>If found advise contact U of Hawaii Honolulu, HI USA<br/>808-950-7896, 'B'</u> |               |                                |
| Surface Instrumentation                |   |               |                                |
| Item                                   | ID #  | Height*       | Comments                       |
| Logger                                 | <u>LO8</u>  |               | <u>System-1</u>                |
| IR                                     | <u>J104NF</u>   |               | <u>300134063345500</u>         |
| HRH                                    | <u>257</u>  | <u>240 cm</u> |                                |
| BPR                                    | <u>240</u>  | <u>237</u>    |                                |
| SWND                                   | <u>268</u>  | <u>279</u>    |                                |
| PRC                                    | <u>215</u>  | <u>256</u>    |                                |
| LWR                                    | <u>224</u>  | <u>286</u>    |                                |
| SWR                                    | <u>502</u>  | <u>286</u>    |                                |
| SST                                    | <u>1834</u>   | <u>157</u>    |                                |
| Logger                                 | <u>LO9</u>  |               | <u>System-2</u>                |
| PPT                                    | <u>63879</u>  |               | <u>IDS 07561, 27415, 27416</u> |
| HRH                                    | <u>223</u>  | <u>240</u>    |                                |
| BPR                                    | <u>216</u>  | <u>237</u>    |                                |
| WIND                                   | <u>239</u>  | <u>270</u>    |                                |
| PRC                                    | <u>213</u>  | <u>256</u>    |                                |
| LWR                                    | <u>261</u>  | <u>286</u>    |                                |
| SWR                                    | <u>505</u>  | <u>286</u>    |                                |
| SST SBE37                              | <u>1841</u>   | <u>-157</u>   |                                |
| Xeos mello                             |   |               | <u>IMEI 300034013709960</u>    |
| SBE-29-AT                              | <u>1446</u>   | <u>223</u>    |                                |
| Lascar                                 | <u>1003228</u>  | <u>229</u>    |                                |
| VWX                                    | <u>007</u>  | <u>241</u>    |                                |
| Xeos Sable                             |   |               | <u>IMEI 300034012194230</u>    |
| *Height above buoy deck in centimeters |   |               |                                |



ARRAY NAME AND NO. WHOTS-14 MOORED STATION NO. \_\_\_\_\_

| Item No. | Length (m) | Item      | Depth | Inst No. | Time Over | Time Back               | Notes   |
|----------|------------|-----------|-------|----------|-----------|-------------------------|---|
| 1        |            | buoy      | 0     |          | 19:11     | 9/27/18<br>0113         | Date: 7-27-17                                 |
| 2        | 5.26       | 3/4 chain |       |          | 18:29     |                         |   |
| 3        |            | MicroCat  | 7     | 3617     | 18:29     | 0145                    |   |
| 4        | 1.30       | 3/4 chain |       |          | 18:26     |                         |   |
| 5        |            | VMCM      | 10    | 042      | 18:25     | 0147                    | spin time: 18:25 in water: 18:26              |
| 6        | 2.82       | 3/4 chain |       |          | 18:19     |                         | post spin 0250 9/27                           |
| 7        |            | MicroCat  | 15    | 6893     | 18:19     | 0149                    |   |
| 8        | 8.10       | 3/4 chain |       |          | 18:15     |                         |   |
| 9        |            | Micro Cat | 25    | 6894     | 18:15     | 0154                    |   |
| 10       | 3.28       | 3/4 chain |       |          | 18:12     |                         |   |
| 11       |            | VMCM      | 30    | 068      | 18:10     | 0156                    | spin time: 18:10 in water: 18:12              |
| 12       | 2.82       | 3/4 chain |       |          | 18:07     |                         | post spin 0248 9/27                           |
| 13       |            | MicroCat  | 35    | 6895     | 18:07     | 0158                    |   |
| 14       | 3.66       | 3/4 chain |       |          | 18:07     |                         |   |
| 15       |            | MicroCat  | 40    | 6896     | 18:04     | 0159                    |   |
| 16       | 3.66       | 3/4 chain |       |          | 18:04     |                         |   |
| 17       |            | MicroCat  | 45    | 6887     | 18:02     | <del>0145</del><br>0203 |   |
| 18       | 1.07       | 3/4 chain |       |          | 19:30     |                         | buoy is cast adrift at this point on recovery |
| 19       |            | ADCP      | 47.5  | 1825     | 19:30     | 0034                    |   |
| 20       | 75.5       | 7/16 wire |       | 16074    | 19:30     | 0034                    |   |
| 21       |            | MicroCat  | 50    | 6897     | 19:31     | 0034                    |   |
| 22       |            | MicroCat  | 55    | 6898     | 19:33     | 0033                    |   |
| 23       |            | MicroCat  | 65    | 6899     | 19:35     | 0032                    |   |
| 24       |            | MicroCat  | 75    | 3618     | 19:36     | 0025                    |   |
| 25       |            | MicroCat  | 85    | 3634     | 19:38     | 0024                    |   |

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ARRAY NAME AND NO. WADTS-14 MOORED STATION NO. \_\_\_\_\_

| Item No. | Length (m) | Item                       | Depth | Inst No. | Time Over | Time Back       | Notes   |
|----------|------------|----------------------------|-------|----------|-----------|-----------------|---|
| 26       |            | MicroCat                   | 95    | 3670     | 19:40     | 0023            |   |
| 27       |            | MicroCat                   | 105   | 6889     | 19:42     | 0023            |   |
| 28       |            | MicroCat                   | 120   | 6890     | 19:54     | 0021            |   |
| 29       |            | ADCP                       | 125   | 4891     | 19:55     | 0019            |   |
| 30       | 250        | 3/8 wire                   |       | 16007-5  | 19:55     | 0017            |   |
| 31       |            | MicroCat                   | 135   | 6888     | 19:57     | 0015            |   |
| 32       |            | MicroCat                   | 155   | 6891     | 19:59     | 0014            |   |
| 33       | 500        | 3/8 wire                   |       | 17044-7  | 20:15     | 9/27<br>0005    |   |
| 34       | 500        | 3/8 wire                   |       | 17044-4  | 20:44     | 2355            |   |
| 35       | 500        | 3/8 wire                   |       | 17044-3  | 21:00     | 2341            |   |
| 36       | 100        | 3/8 wire                   |       | 16007-6  | 21:16     | 2327            |   |
| 37       | 200        | 7/8 nylon                  |       |          | 21:21     | 2322            |   |
| 38       | 2100       | 7/8 nylon                  |       |          | 21:47     | 2308            |   |
| 39       | 1500       | 1" Colmerge                |       |          | 22:18     | 2157<br>9/26/18 |   |
| 40       |            | glass balls                |       |          | 23:38     | 1952-<br>2018   | 1st ball in at 23:38 note: 1 broken<br>last ball in at 0:30 added spent<br>Date 7-28-17<br>2018<br>chain OK |
| 41       |            | SBE37 36m off              |       | 9988     | 02:02     | 2018            |   |
| 42       |            | SBE37s the bottom          |       | 10602    | 02:02     | 2018            | 9 glass balls<br>broken on recovery   |
| 43       | 5          | 1/2" chain                 |       |          | 02:02     | 2021            |   |
| 44       |            | release 2 <sup>dated</sup> |       | 35323    | 02:03     | 2021            |   |
| 45       |            | release 3                  |       | 33412    | 02:03     | 2021            |   |
| 46       | 5          | 1/2" chain                 |       |          | 02:03     |                 |   |
| 47       | 20         | 1" samson                  |       |          | 02:10     |                 |   |
| 48       | 5          | 1/2" chain                 |       |          | 02:19     |                 |   |
| 49       |            | anchor                     |       |          | 02:19     |                 | 22° 40.158 N 157° 56.803 W  |
| 50       |            |                            |       |          |           |                 |   |