

# Mooring Deployment Record

|               |                       |                        |  |
|---------------|-----------------------|------------------------|--|
| Project Name: | Scientific Authority: |                        |  |
| Project Area: |                       |                        |  |
| Mooring Name: | Station Name: HAKI    |                        |  |
| Latitude:     | 51° 42.717            | Longitude: 128° 14.155 |  |
| Depth:        | 144                   | Tide:                  |  |
| Date:         | July 6, 2016          | Time: 1950 UTC         |  |
| Time Zone:    |                       |                        |  |
| Remarks:      |                       |                        |  |

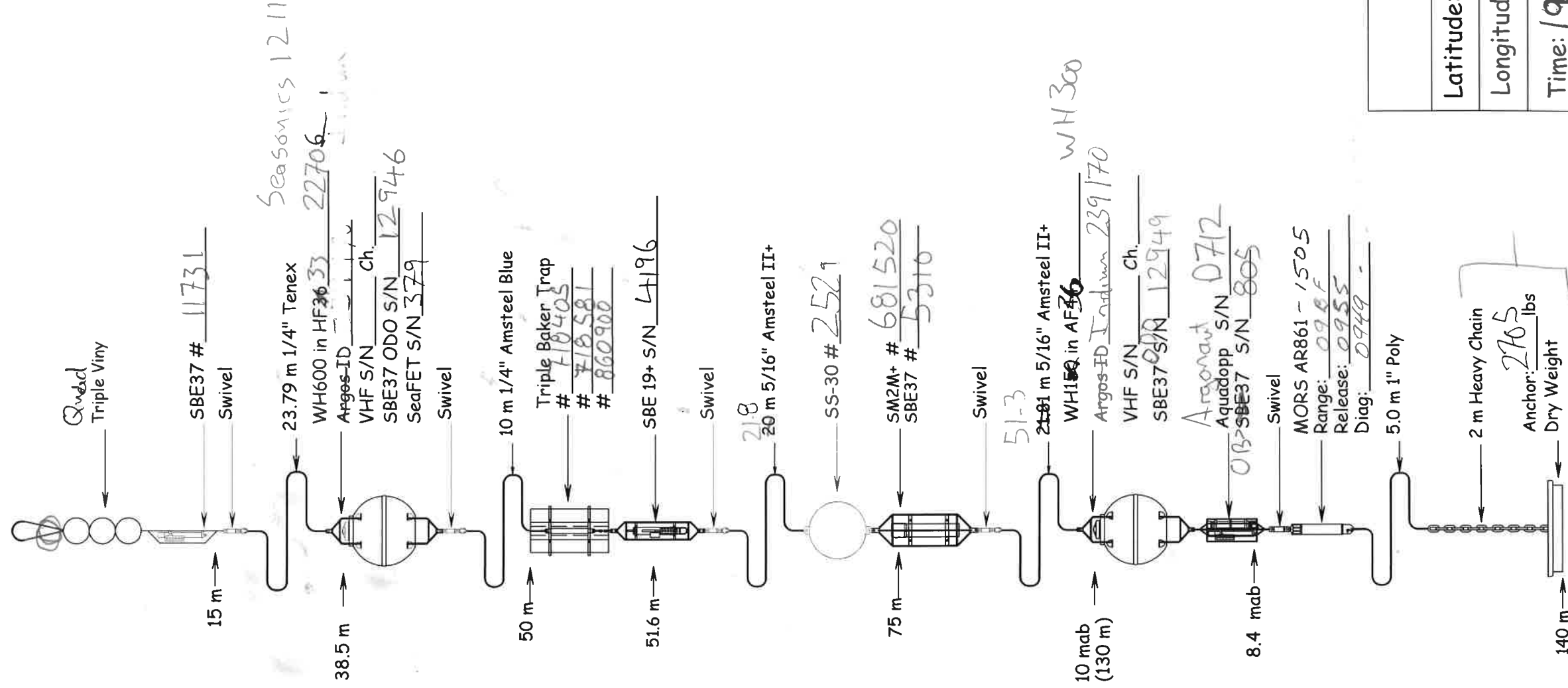
|          |              |            |
|----------|--------------|------------|
| Recovery | July 8, 2017 |            |
| Date:    |              | Time: 2248 |
| Remarks: |              |            |

| Instruments |          |       |         |          |
|-------------|----------|-------|---------|----------|
| Type        | Serial # | Depth | Time In | Time Out |
| SBF37       | 11731    | 15    |         |          |
| WH300       | 22706    | 38.5  |         |          |
| SBF3700     | 12946    | 38.5  |         |          |
| SeaFET      | 379      | 39.5  |         |          |
| Baker       | 718405   | 50    |         |          |
| Baker       | 718581   | 50    |         |          |
| Baker       | 860900   | 50    |         |          |
| SBF191      | 4196     | 51.6  |         |          |
| SM2MT       | 681520   | 75    |         |          |
| SBF37       | 5310     | 75    |         |          |
| WH300       | 20475    | 134   | 20473 P |          |
| SBF3700     | 12949    | 134   |         |          |
| Arg         | 0712     | 136   |         |          |
| OBS         | 805      | 136   |         |          |

| Releases |          |        |       |
|----------|----------|--------|-------|
| Release  | Serial # | Enable | Other |
| AR861    | 1505     | 09BF   | 0955  |
|          |          |        | 0949  |

| Pingers   |          |           |
|-----------|----------|-----------|
| Pinger    | Serial # | Frequency |
| SeaSonics | 1211     |           |
|           |          |           |

| Flotation |          |      |        |      |
|-----------|----------|------|--------|------|
| Type      | Serial # | Size | Colour | Size |
| 4XVinyl   |          | 13"  | Orange |      |
| HF333     |          | 33   | OF     |      |
| SS30      | 2529     | 30   | Y      |      |
| AF36      |          | 36   | OF     |      |



HAK1-A

Latitude: 51° 42.717

Longitude: 128° 14.155

Time: 1950

Date: July 6, 2010

Depth: 144

|                                              | Weight<br>(kg) | Wet Weight<br>(kg) | Length<br>(m) | Inst. Height<br>off btm (m) | Depth<br>(m)                | Net Weight<br>below float (m) |
|----------------------------------------------|----------------|--------------------|---------------|-----------------------------|-----------------------------|-------------------------------|
| <b>4 Vinies on 3/4" Polysteel</b>            |                |                    |               |                             |                             |                               |
| 1/2" Shackle                                 | 3.50           | -83.30             | 1.50          | 127.05                      |                             | -584.35                       |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>SBE37 in Frame</b>                        | <b>0.96</b>    | <b>0.43</b>        | <b>0.90</b>   | <b>125.00</b>               | <b>15.00</b>                |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>Miller B212</b>                           | <b>0.77</b>    | <b>0.67</b>        | <b>0.10</b>   |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Sling Link                              | 0.25           | 0.22               | 0.08          |                             |                             |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | 0.04          |                             |                             |                               |
| <b>1/4" Tenex</b>                            | <b>1.27</b>    | <b>0.33</b>        | <b>22.33</b>  | <b>22.09</b>                | <b>assumed 1.1% stretch</b> |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | T             |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>WH600" in AF36 +SBE37ODO<br/>+ SeaFET</b> | <b>221.00</b>  | <b>-155.50</b>     | <b>1.50</b>   | <b>101.50</b>               | <b>-341.94</b>              | <b>38.50</b>                  |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>MillerC3</b>                              | <b>1.23</b>    | <b>1.07</b>        | <b>0.15</b>   |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Sling Link                              | 0.25           | 0.22               | 0.08          |                             |                             |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | 0.04          |                             |                             |                               |
| <b>1/4" Spectra</b>                          | <b>0.57</b>    | <b>0.16</b>        | <b>10.00</b>  | <b>9.96</b>                 |                             |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | 0.04          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>Triple Baker Trap</b>                     | <b>40</b>      | <b>21.00</b>       | <b>0.60</b>   | <b>89.99</b>                | <b>50.00</b>                |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 5/16" chain                                  |                |                    | 0.30          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>SBE19+ in frame</b>                       | <b>18.70</b>   | <b>-67.75</b>      | <b>1.15</b>   | <b>87.84</b>                | <b>52.16</b>                |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>MillerC3</b>                              | <b>1.23</b>    | <b>1.07</b>        | <b>0.15</b>   |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Sling Link                              | 0.25           | 0.22               | 0.08          |                             |                             |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | 0.04          |                             |                             |                               |
| <b>5/16" Amsteel II+</b>                     | <b>1.13</b>    | <b>0.189</b>       | <b>21.81</b>  | <b>21.72</b>                |                             |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | 0.04          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>SB30</b>                                  | <b>76.00</b>   | <b>-166.00</b>     | <b>0.87</b>   |                             |                             | <b>-629.36</b>                |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>SBE37 + SM2M+ in Frame</b>                | <b>37.30</b>   | <b>16.28</b>       | <b>1.30</b>   | <b>65.00</b>                | <b>75.00</b>                |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>MillerC3</b>                              | <b>1.23</b>    | <b>1.07</b>        | <b>0.15</b>   |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Sling Link                              | 0.25           | 0.22               | 0.08          |                             |                             |                               |
| 7/16" Shackle                                | 0.22           | 0.19               | 0.04          |                             |                             |                               |
| <b>5/16" Amsteel II+</b>                     | <b>2.67</b>    | <b>0.44</b>        | <b>51.26</b>  | <b>51.06</b>                |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>AF44↑ w WH150+SBE37 ODO</b>               | <b>452.00</b>  | <b>-283.00</b>     | <b>2.13</b>   | <b>11.02</b>                | <b>128.98</b>               |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.36           | 0.31               | 0.05          |                             |                             |                               |
| <b>Aquadopp↓ ***</b>                         | <b>15.33</b>   | <b>10.52</b>       | <b>0.90</b>   | <b>8.37</b>                 | <b>131.63</b>               | <b>131.63</b>                 |
| 1/2" Shackle                                 | 0.36           | 0.31               | 0.05          |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| <b>MillerC3</b>                              | <b>1.23</b>    | <b>1.07</b>        | <b>0.15</b>   |                             |                             |                               |
| 1/2" Shackle                                 | 0.37           | 0.32               | 0.05          |                             |                             |                               |
| 5/8" Shackle                                 | 0.76           | 0.67               | 0.06          |                             |                             |                               |
| <b>AR861 B2S</b>                             | <b>30.00</b>   | <b>22.00</b>       | <b>0.83</b>   | <b>7.83</b>                 |                             |                               |
| Drop Link                                    | 2.3            | 2.01               |               |                             |                             |                               |
| <b>1" Poly</b>                               |                | <b>-0.14</b>       | <b>5.00</b>   |                             |                             |                               |
| 7/8" Shackle                                 | 1.8            | 1.57               |               |                             |                             |                               |
| 1" Chain                                     | 38.64          | 33.71              | 2.00          |                             |                             |                               |

-420.13

HAK 1-A Deck Check July 6, 2016

4 X Vinyl on 3/4 pol + 1/2d

SBE37 11731 1/2d Swivel 1/2d 1/2 sling

23.8 m 1/4" penet 1/2d

WH600 22706

SBE37000 12946

SeaFET 379

Seasources 12M

} in 33" bal

1/2d 1/2d Swivel 1/2d 5/8 sling 7/16d

10m 1/4" Amsteel 7/16 SS 255

Bates 718405

718581

860900

w 3 Vines

1/2d 0.5m 3/8 chain 1/2d

SBE16 4196

1/2d 1/2d sling 7/16d

21.8m Amsteel II 7/16d 1/2d

SS302529 1/2d 1/2d

5m 2M+ 601520

SBE37 5318 1/2d 1/2d Swivel 1/2d 1/2 sling 7/16d

51.5m 5/16 Amsteel II 7/16d 1/2d

WH300 20475

1/2d 1/

SBE37000 12949

Navatek 239170 1/2d 1/2d

Argonaut 0712

OBS 805

1/2d 1/2d Swivel 1/2d 5/8d

AR191 1505

09BF Arm

0955 Rel

5m 1" Bolt

1m Heavy Chair

2705