

## Simple Platform Log

USGS Mooring Number: 1123 D  
 Experiment Name NRPP-CACO PI GANJU  
 Location: WELLFLEET, MA, HERRING R., CUT, FLANK DEEP  
 Type of Platform: SPYDER Frame  
 Purpose: Seabed Change, Sed Flux

## DEPLOYED

Date: 9/19/2019 Time: 13:42 GMT Local EST EDT  
 How deployed: Foot  
 Water Depth: 0.23 meters feet, Fathoms, Source Tape meas.  
 Elevation -0.8392 (15 min x 1/4) Top of E6400. NAVD88 (from survey)  
 Latitude: 41.926364734 Longitude: -70.068807462 GPS / NAD83(2011)  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)  
 Source of deployment positions SP80 (MA Corps)  
 Deployed By: J. Borden, S. Suttles

|    | Instrument Name | Serial Number | Initial height       | Sampling set-up                 |
|----|-----------------|---------------|----------------------|---------------------------------|
| 1) | <u>EA400</u>    | <u>8037</u>   | <u>0.37 m</u>        | <u>20 samps @ 2Hz, 15 min</u>   |
| 2) | <u>DWAVE</u>    | <u>5025</u>   | <u>0.42 m * hole</u> | <u>4096 samps @ 4Hz, 30 min</u> |
| 3) | <u>ECO NTU</u>  | <u>547</u>    | <u>0.37 m</u>        | <u>10 samps @ 1 Hz, 15 min</u>  |
| 4) | _____           | _____         | _____                | _____                           |
| 5) | _____           | _____         | _____                | _____                           |

Comments and sketch of what was deployed.

RECOVERED

Date: 11/19/19 Time: 15:28 GMT Local EST EDT

How recovered: Foot

Water Depth: 0.34 (m, ft, F source) tape meas.

Elevation \_\_\_\_\_ NAVD88 (from survey)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Recovered By: J. Borden, S. Suttles

Comments:

| <u>FRAMES / INST</u> | <u>ELEV. A.B.</u> |
|----------------------|-------------------|
| EA 400 8037 xducer   | 0.39m             |
| MP & NE side         | 0.29m             |
| " W side             | 0.29m             |
| " S "                | 0.33m             |

Recovery notes

Instrument Name

serial number

Condition

EA 400

8037

- good, face clean. All desitua

DWAVE

55025

- mud in pres. port

ECO-NTU

547

- good. clean

## Simple Platform Log

USGS Mooring Number: 1123C  
 Experiment Name NRPP - CACO PI GANJU  
 Location: WELLFLEET, MA, HERRING R., Gut, Flank Deep  
 Type of Platform: Spider Frame  
 Purpose Seabed Change, SED Flux

DEPLOYED

Date: 6/21/2019 Time: 13:13 (GMT) Local EST EDT  
 How deployed: Foot  
 Water Depth: 0.30 meters, feet, Fathoms, Source Estimate  
 Elevation SEE 1123B - Recovery NAVD88 (from survey)  
 Latitude: 41.9263648 Longitude: -70.0688076 GPS / NAD83(2011)  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)  
 Source of deployment positions SP80 RTC (MACORS) on 6/19/2019  
 Deployed By: SS, NKG

|    | <u>Instrument Name</u> | <u>Serial Number</u> | <u>Initial height</u> | <u>Sampling set-up</u>              |
|----|------------------------|----------------------|-----------------------|-------------------------------------|
| 1) | <u>EA400</u>           | <u>8037</u>          | <u>0.37m</u>          | <u>10 samps @ 1Hz every 15min</u>   |
| 2) | <u>Dwave</u>           | <u>55025</u>         | <u>~0.40</u>          | <u>4096 samps @ 4Hz every 30min</u> |
| 3) | <u>NTU</u>             | <u>547</u>           | <u>~0.40</u>          | <u>10 samps @ 1Hz every 15min -</u> |
| 4) | _____                  | _____                | _____                 | _____                               |
| 5) | _____                  | _____                | _____                 | _____                               |

Comments and sketch of what was deployed.

SEE 1123B sketch. -  
 pointed optics for NTU &  
 press port for Dwave Towards  
 N for 1123C deployment!

RECOVERED

Date: 9/17/19 Time: 11:47 (GMT) Local EST EDT

How recovered: Foot / Inflatable

Water Depth: 0.25 (m) ft, F source Tape meas.

Elevation \_\_\_\_\_ NAVD88 (from survey)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Recovered By: \_\_\_\_\_

Comments:

| <u>Location</u> | <u>ELGN A.B.</u> |
|-----------------|------------------|
| MF & S side     | 0.33 m           |
| " NW            | 0.28 m           |
| " NE            | 0.31 m           |
| EA400 Xducer    | 0.38 m           |

Recovery notes

Instrument Name

serial number

Condition

EA400 8037

- xducer clean. Bi-valve set  
on inst. mount.

Diver 55025

- muddy in pres part.

ECW-Ntu 547

- bi-valve set on housing. optics  
OK.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Simple Platform Log

USGS Mooring Number: 1123 B/E  
 Experiment Name NRPP - CACO PI GANJU  
 Location: WELLFLEET, MA, HERRING R, GUT, FLANK Deep  
 Type of Platform: SPYDER FRAME  
 Purpose Seabed change, waves (ND), turb.

## DEPLOYED

Date: 3/27/2019 Time: 16:35 (GMT) Local EST EDT

How deployed: Foot

Water Depth: 0.12 (meters) feet, Fathoms, Source Tape meas.

Elevation \_\_\_\_\_ NAVD88 (from survey)

Latitude: 41.92638 Longitude: -70.06881 GPS / NAD83(2011)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Source of deployment positions Handheld Garmin GPS

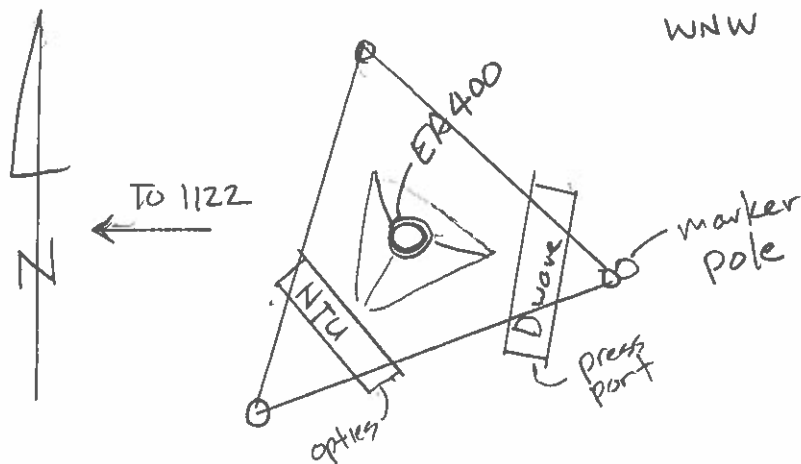
Deployed By: E. MARSHANIK, S. SUTTLES

Mag. Var model WMM2015V2 2019-03-27 14.75°W ± 0.36° changing 0.09E/year

|    | Instrument Name | Serial Number | Initial height | Sampling set-up                 |
|----|-----------------|---------------|----------------|---------------------------------|
| 1) | <u>EA400</u>    | <u>8037</u>   | <u>0.38</u>    | <u>15 min</u>                   |
| 2) | <u>Dwave</u>    | <u>5025</u>   | <u>0.41</u>    | <u>1024s burst every 30 min</u> |
| 3) | <u>NTU</u>      | <u>547</u>    | <u>0.38</u>    | <u>15 min</u>                   |
| 4) | _____           | _____         | _____          | _____                           |
| 5) | _____           | _____         | _____          | _____                           |

Comments and sketch of what was deployed.

FRAME -  $\phi$  ELSV. -  
 S 0.29  
 NE 0.29  
 WNW 0.27



RECOVERED - 1123B

Date: 6/19/2019 Time: 12:15 (GMT) Local EST EDT

How recovered: Foot

Water Depth: 0.2 (m) ft, F source Tape meas.

Elevation -0.8263 - to top of EA400. NAVD88 (from survey) SP80 -

Latitude: +41.9263648 Longitude: -70.0688076 GPS / NAD83(2011) RTK

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Recovered By: SS, MM

Comments:

Frame & meas above seabed -

0.29 mab NE

0.32 " S

0.29 " W

- Macro Algae on frame - e main frame level -  
See photos.

Recovery notes

Instrument Name

serial number

Condition

EA400 8037

Dwaine 55025

NTU 547

Good.

Good -

- wiper stuck open

## Simple Platform Log

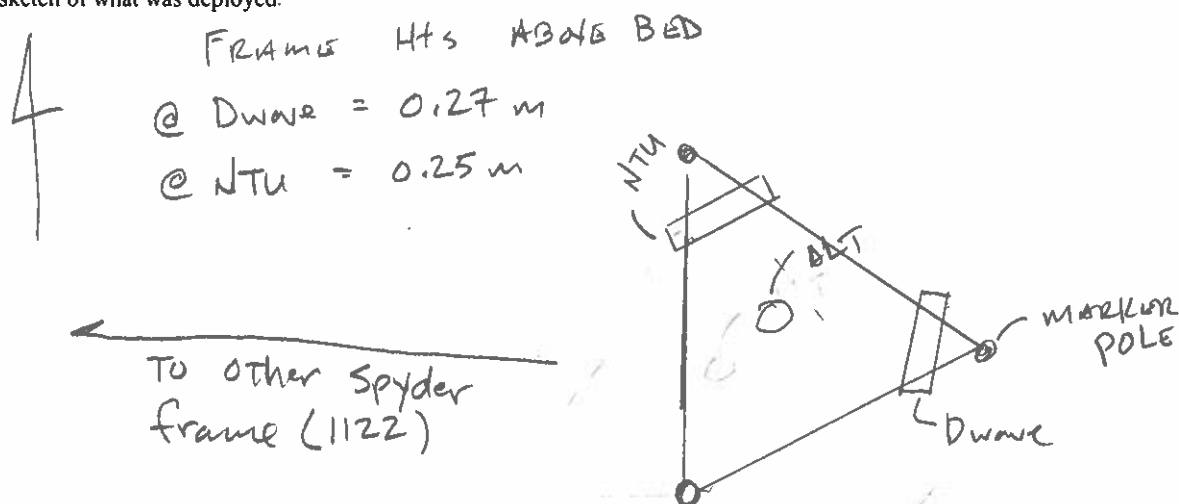
USGS Mooring Number: 1123 - CACO FLANK DEEP (FD)  
 Experiment Name NRPP-CACO PI GANJU  
 Location: WELLFLEET, MA, CAPE COD NATIONAL SEASHORE  
 Type of Platform: SPYDER FRAME  
 Purpose: SEABED CHANGE

DEPLOYED

Date: 11/14/2018 Time: 15:00 (GMT) Local EST EDT  
 How deployed: DROP OFF W/ MUDDY WATERS 11/12 - SET ON 11/14 BY FOOT  
 Water Depth: ~ 0.15 (meters) feet, Fathoms, Source estimate  
 Elevation \_\_\_\_\_ NAVD88 (from survey)  
 Latitude: 41.92636 Longitude: -070.06882 (GPS) NAD83(2011)  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)  
 Source of deployment positions HANDHELD GARMIN 785C  
 Deployed By: N. GANJU, S. SUTTLES

|    | <u>Instrument Name</u> | <u>Serial Number</u> | <u>Initial height</u> ABOVE BED | <u>Sampling set-up</u>              |
|----|------------------------|----------------------|---------------------------------|-------------------------------------|
| 1) | <u>EA402</u>           | <u>8037</u>          | <u>0.34</u>                     | <u>10 soups @ 1 Hz every 15 min</u> |
| 2) | <u>Dwave</u>           | <u>55108</u>         | <u>0.36</u>                     |                                     |
| 3) | <u>ECONTU</u>          | <u>547</u>           | <u>0.33</u>                     |                                     |
| 4) |                        |                      |                                 |                                     |
| 5) |                        |                      |                                 |                                     |

Comments and sketch of what was deployed.



RECOVERED

Date: 1/16/2019 Time: 17:28 GMT Local EST EDT

How recovered: Foot

Water Depth: NOT RECORDED m, ft, F source

Elevation \_\_\_\_\_ NAVD88 (from survey)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ GPS / NAD83(2011)

Recovered By: N. GANJU, S. SUTTLES

Comments:

Recovery notes

| <u>Instrument Name</u> | <u>serial number</u> | <u>Condition</u> | <u>ELEN. (m)</u>               |
|------------------------|----------------------|------------------|--------------------------------|
| <u>Dwave</u>           | <u>55108</u>         | <u>Good</u>      | <u>0.27 - Frame</u>            |
| <u>NTU</u>             | <u>547</u>           | <u>Good</u>      | <u>0.26 - Frame</u>            |
| <u>EA 400</u>          | <u>8037</u>          | <u>Good</u>      | <u>0.35 - Face Transducer.</u> |
| _____                  | _____                | _____            | _____                          |
| _____                  | _____                | _____            | _____                          |