

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center

|                           |                          |                                             |
|---------------------------|--------------------------|---------------------------------------------|
| Flt ID: 100618H           | From: KMCF               | To: KMCF                                    |
| Flt No: 10-039            | Blk In: 2137 z           | Time On: 2127 z                             |
| ETD: 1300z                | Blk Out: 1251 z          | Time Off: 1256 z                            |
| ETE: 9+00                 | Blk Time: 8.8 Hrs        | Flt Time: 8.5 Hrs                           |
| Sponsoring Org: UM(RSMAS) | Program: Deepwater (PEE) | Purpose: deploy 56+ buoys into LOOP CURRENT |

AOC Flight Crew

|                                        |                      |
|----------------------------------------|----------------------|
| Aircraft Commander: NEWMAN             | Data System: BOSKO   |
| Co-Pilot: <del>XXXXXXXXXX</del> MARTIN | AVAPS: LYNCH Charles |
| Navigator: SLOAN                       | System Eng: PEEK     |
| Flight Eng: KLIPPEL                    | A.A.: RICHARDS Todd  |
| Flight Director: HENNING, PARRISH      | A.A.: MASCARD Mike   |
| Avionics:                              | Crew Chief:          |

Participating Scientists / Visitors

| Name (Last, First)                           | Activity on Aircraft                                                                        | Affiliation          |
|----------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|
| SHAY, NICK                                   |                                                                                             | RSMAS                |
| BREWSTER, Jodi                               |                                                                                             | RSMAS                |
| JAIMES, Benjamin                             |                                                                                             | RSMAS                |
| ANDERSON, Shahrin                            |                                                                                             | U.S. Senate - Nelson |
| COUWELS, John                                |                                                                                             | CNN                  |
| R <sub>1</sub> 1338z<br>R <sub>2</sub> 1406z | Switched from<br>NOUATEL to RIND at 13:04z<br>DOWN ↓ RADIOMETER <del>to</del> 10°C too cold |                      |

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| Remarks (Storm Name, Mission ID, Recco Times, Fix Times) |                                    |
| Storm Name: +/0 28/27 30.06                              | Recco Times: <del>XXXXXXXXXX</del> |
| Mission ID: land 30.02                                   | Fix #: Fix Time                    |
| NOTES: Ps 1017.8 +/0<br>Ps 1015.8 land                   | 46                                 |

(See reverse for additional remarks)

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center

Flight ID: 100618H Time Off: Z Time On: Z

A/C Takeoff Wx Station Takeoff A/C Land Wx Station Land

Pressure

|                           | Number | Data Disposition / Date / Quality               |
|---------------------------|--------|-------------------------------------------------|
| Flight Level Tapes        | 2      |                                                 |
| Radar Tapes               | 1      |                                                 |
| Cloud Physics Tapes / CDs |        |                                                 |
| Video Tapes               |        |                                                 |
| Dropsondes                | 8      | Good: 8 Bad: 0                                  |
| AXBT                      | 36     | 32 good 4 bad                                   |
| AXCP                      | 21     | 14 good 6 bad 1 Partial (good temp, no current) |
| AXCTD                     | 8      | all good                                        |

Remarks: TAKE OFF WEATHER:  
LANDING WEATHER:

Supersat TDM 2 15:11Z

ALT 1 14:59:16 - 14:59:23

44  
29  
13

# N42RF ERROR SUMMARY

## DEEPWATER HORIZON

**Flight ID: 100618H**

| <u>Sensor or system</u>   | <u>Number or Name</u>  |
|---------------------------|------------------------|
| INE (for wind derivation) | INE1                   |
| Accelerometer             | ACC1                   |
| Temperature Probe         | TT1                    |
| Dew Point Probe           | TDM1 (Buck 1011C)      |
| Static Pressure           | PSF                    |
| Dynamic Pressure          | PQF1                   |
| Vert. Wind                | ALTI1X                 |
| Constants File            | n42_hur10v1.adc        |
| Project Directory         | /acdata/2010/Deepwater |
| Notes:                    |                        |

All data is included from data system boot-up to shutdown. However, only data collected after takeoff and prior to landing were evaluated and corrected when necessary. After takeoff, there were no instances of bad or missing inertial data being skipped in the creation of the netCDF file. Therefore, there were no data gaps:

ALT1 was corrected for an erroneous data spike: 14:59:16 – 14:59:23z

Both Dewpoint sensors #1 (TDM1, the Buck 1011C) and #2 (TDM2, EdgeTech Vigilant 137) performed very well through the entire mission. There was one instance of slight supersaturation involving TDM2 (RH briefly exceeding 100 percent but only by a few percentage points), therefore (for lack of any other reason to pick one over the other) TDM1 was selected in the creation of final meteorological parameters.

All other flight level instruments worked optimally during the flight.

There were a total of 73 expendables released during this flight. There were 36 AXBT released (32 good, 4 bad (at Points #20, #24, #34, #36) with two inadvertently launched on Channel 12 together resulting in data disruption (a BT at Pt #44 was still actively transmitting on Ch 12 while another began transmitting at Pt 45 on Ch12 resulting in the need for a second BT to be launched at Pt 45 on Ch 16). There were 8 AXCTDs (all good), 21 AXCPs (14 good, 6 bad (at Points #8, #12, #23, #40, #44 and #46 and one CP that partially failed (good temp but no current data) and 8 dropsondes (all good) released.

SPECIAL NOTE: The variable names dpj\_wgs, dpj\_was and dpj\_wz in the netCDF file represent vertical ground, vertical air and vertical wind speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

|                          | <b>Takeoff</b> | <b>Landing</b> |
|--------------------------|----------------|----------------|
|                          | 12:56:12z      | 21:27:16z      |
| Aircraft Static Pressure | 1017.8 mb      | 1015.8 mb      |
| Corrected Tower Pressure | 1017.9 mb      | 1016.4 mb      |

Flight Director: Richard Henning (813) 828-3310 ext. 3086 and Jack Parrish (ext 3077)

|         |        |    |                                |
|---------|--------|----|--------------------------------|
| -5.000  | 24.500 | 1  | BT ✓                           |
| -85.500 | 24.500 | 2  | CP + Sonde ✓                   |
| -86.000 | 24.500 | 3  | BT ✓                           |
| -86.500 | 24.500 | 4  | CP ✓                           |
| -87.000 | 24.500 | 5  | BT ✓                           |
| -87.500 | 24.500 | 6  | CP ✓ + Sonde                   |
| -88.000 | 24.500 | 7  | BT ✓                           |
| -88.500 | 24.500 | 8  | CP BAD                         |
| -89.000 | 24.500 | 9  | BT ✓                           |
| -89.000 | 24.875 | 10 | CP + Sonde ✓                   |
| -89.000 | 25.250 | 11 | BT ✓                           |
| -88.500 | 25.250 | 12 | CP BAD                         |
| -88.000 | 25.250 | 13 | BT ✓                           |
| -87.500 | 25.250 | 14 | CP + Sonde                     |
| -87.000 | 25.250 | 15 | CTD + <del>BT</del> BT COMED ✓ |
| -86.500 | 25.250 | 16 | CP ✓                           |
| -86.000 | 25.250 | 17 | <del>CP</del> CTA ✓            |
| -85.500 | 25.250 | 18 | CP ✓                           |
| -85.000 | 25.250 | 19 | BT ✓                           |
| -85.000 | 25.750 | 20 | BT BAD                         |
| -85.500 | 25.750 | 21 | CP ✓                           |
| -86.000 | 25.750 | 22 | CTD + BT ✓                     |
| -86.500 | 25.750 | 23 | CP BAD                         |
| -87.000 | 25.750 | 24 | CTD ✓ BT BAD                   |
| -87.500 | 25.750 | 25 | CP ✓ + DROP SONDE ✓            |
| -88.000 | 25.750 | 26 | BT ✓                           |
| -88.500 | 25.750 | 27 | CP ✓                           |
| -89.000 | 25.750 | 28 | BT ✓                           |
| -89.000 | 26.125 | 29 | CP TEMP NO CURRENT             |
| -89.000 | 26.500 | 30 | CTD + BT ✓                     |
| -88.500 | 26.500 | 31 | CP ✓                           |
| -88.000 | 26.500 | 32 | BT ✓                           |
| -87.500 | 26.500 | 33 | CP + Sonde                     |
| -87.000 | 26.500 | 34 | BT BAD                         |
| -86.500 | 26.500 | 35 | CP ✓                           |
| -86.000 | 26.500 | 36 | BT BAD                         |
| -85.500 | 26.500 | 37 | CP ✓                           |
| -85.000 | 26.500 | 38 | BT ✓                           |
| -85.000 | 27.250 | 39 | BT ✓                           |
| -85.500 | 27.250 | 40 | CP BAD                         |
| -86.000 | 27.250 | 41 | BT (2 BT dropped both good) ✓  |
| -86.500 | 27.250 | 42 | CP ✓                           |
| -87.000 | 27.250 | 43 | BT ✓ Fail                      |
| -87.500 | 27.250 | 44 | CP drop (extra BT ch 12)       |
| -88.000 | 27.250 | 45 | BT (CH 12) BT (CH 16) ✓        |
| -88.500 | 27.250 | 46 | CP BAD                         |
| -89.000 | 27.250 | 47 | CTD + BT ✓ Sonde               |
| -89.000 | 28.000 | 48 | BT ✓                           |
| -88.500 | 28.000 | 49 | CTD + BT ✓                     |
| -88.000 | 28.000 | 50 | BT ✓                           |
| -87.500 | 28.000 | 51 | BT ✓                           |
| -87.000 | 28.000 | 52 | BT ✓                           |
| -86.500 | 28.000 | 53 | BT ✓                           |
| -86.000 | 28.000 | 54 | CTD / BT ✓                     |
| -85.500 | 28.000 | 55 | BT ✓                           |
| -85.000 | 28.000 | 56 | BT ✓                           |

BT

~~GGGG~~ GGGG  
BBB GGGG  
GGGG  
GGGG  
GG

36 BT

CP  
GGGG BBBP  
GGGG BB  
GGGG

21 CP

CTD  
GGGG GGG

8 CTD

partially on

# Playback Log

Flight Number 100618H

Takeoff Time

Storm

12: 14T 11 (7)  
14: 14T 11 (8)  
16: 14T 11 (7)  
(22)

AXBT/AXCP Contract Number

Landing Time

14: 14T 11 (7)  
16: 14T 11 (7)  
(6)  
(33)

61 Total

| Probe Seq. Number | AXCP AXBT AXCTD | Channel Number | Serial Number | Actual Drop Time | Actual Lat Deg | Actual Long Min | SST | MLD | H20 | H26 | Comments |
|-------------------|-----------------|----------------|---------------|------------------|----------------|-----------------|-----|-----|-----|-----|----------|
| 1                 | BT              | 12             | (6)           | 1355             |                |                 |     |     |     |     | No Data  |
| 2                 | CP              | 12             | 09051010      | 1403             |                |                 |     |     |     |     |          |
| 3                 | BT              | 12             | (6)           | 1410             |                |                 |     |     |     |     |          |
| 4                 | CP              | 16             | 09041014      | 1417             |                |                 |     |     |     |     |          |
| 5                 | BT              | 12             | (6)           | 1425             |                |                 |     |     |     |     |          |
| 6                 | CP              | 14             | 08091008      | 1436             |                |                 |     |     |     |     |          |
| 7                 | BT              | 12             |               | 1448             |                |                 |     |     |     |     |          |
| 8                 | CP              | 12             | 09081014      | 1448             |                |                 |     |     |     |     |          |
| 9                 | BT              | 16             | (6)           | 1456             |                |                 |     |     |     |     |          |
| 10                | CP              | 14             | 09061006      | 1501             |                |                 |     |     |     |     |          |
| 11                | BT              | 12             | (6)           | 1508             |                |                 |     |     |     |     |          |
| 12                | CP              | 16             | 09041044      | 1515             |                |                 |     |     |     |     |          |
| 13                | BT              | 12             | (6)           | 1523             |                |                 |     |     |     |     |          |
| 14                | CP              | 16             | 09053816      | 1531             |                |                 |     |     |     |     |          |
| 15                | CTD/BT          | 14/12          | 09053816      | 1539             |                |                 |     |     |     |     |          |
| 16                | CP              | 12             | 09081028      | 1547             |                |                 |     |     |     |     |          |
| 17                | CTD             | 16             | 09053853      | 1555             |                |                 |     |     |     |     |          |
| 18                | CP              | 14             | 09031031      | 1602             |                |                 |     |     |     |     |          |
| 19                | BT              | 12             |               | 1610             |                |                 |     |     |     |     |          |
| 20                | BT              | 12             |               | 1617             |                |                 |     |     |     |     |          |
| 21                | CP              | 16             | (6)           | 1623             |                |                 |     |     |     |     |          |
| 22                | CTD/BT          | 14/12          | 09053823      | 1651             |                |                 |     |     |     |     |          |
| 23                | CP              | 12             | 09091009      | 1659             |                |                 |     |     |     |     |          |
| 24                | CTD/BT          | 14/16          | 09033831      | 1647             |                |                 |     |     |     |     |          |
| 25                | CP              | 12             | 09081008      | 1658             |                |                 |     |     |     |     |          |

# Log

Flight Number 100618H

Takeoff Time

Storm

AXBT/AXCP Contract Number

Landing Time

| Probe<br>Seq. Number | AXCP<br>AXBT<br>AXCTD | Channel<br>Number | Serial<br>Number | Actual<br>Drop Time | Actual Lat<br>Deg Min | Actual Long<br>Deg Min | SST | MLD | H20 | H26 | Comments |
|----------------------|-----------------------|-------------------|------------------|---------------------|-----------------------|------------------------|-----|-----|-----|-----|----------|
| 27                   | BT                    | 16                |                  | 1702                |                       |                        |     |     |     |     |          |
| 27                   | CP                    | 14                | 09091009         | 1709                |                       |                        |     |     |     |     |          |
| 28                   | BT                    | 12                |                  | 1717                |                       |                        |     |     |     |     |          |
| 29                   | CP                    | 16                | (0)<br>09091017  | 1723                |                       |                        |     |     |     |     |          |
| 30                   | CTD/BT                | 14/12             | 09092802         | 1729                |                       |                        |     |     |     |     |          |
| 31                   | CP                    | 16                | (0)<br>09091028  | 1737                |                       |                        |     |     |     |     |          |
| 32                   | BT                    | 12                |                  | 1744                |                       |                        |     |     |     |     |          |
| 33                   | CP                    | 14                | 09091011         | 1752                |                       |                        |     |     |     |     |          |
| 34                   | BT                    | 12                |                  | 1800                |                       |                        |     |     |     |     |          |
| 35                   | CP                    | 12                | 09091037         | 1808                |                       |                        |     |     |     |     |          |
| 36                   | BT                    | 16                | (0)<br>09091038  | 1815                |                       |                        |     |     |     |     |          |
| 37                   | CP                    | 14                | 09091039         | 1823                |                       |                        |     |     |     |     |          |
| 38                   | BT                    | 12                |                  | 1831                |                       |                        |     |     |     |     |          |
| 39                   | BT                    | 12                |                  | 1840                |                       |                        |     |     |     |     |          |
| 40                   | CP                    | 12                | 09091033         | 1846                |                       |                        |     |     |     |     |          |
| 41                   | BT                    | 12+16             |                  | 1854                |                       |                        |     |     |     |     |          |
| 42                   | CP                    | 14                | (0)<br>09091040  | 1901                |                       |                        |     |     |     |     |          |
| 43                   | BT                    | 12                |                  | 1909                |                       |                        |     |     |     |     |          |
| 44                   | BT                    | 12                | 09091055         | 1917                | 1923                  | BT 12                  |     |     |     |     |          |
| 45                   | BT                    | 14                | (0)<br>09091058  | 1926                |                       |                        |     |     |     |     |          |
| 46                   | CP                    | 14                | 09091058         | 1933                |                       |                        |     |     |     |     |          |
| 47                   | CTD/BT                | 16/12             | 09093804         | 1940                |                       |                        |     |     |     |     |          |
| 48                   | BT                    | 12                |                  | 1958                |                       |                        |     |     |     |     |          |
| 49                   | CTD/BT                | 16/12             | 09093854         | 1958                |                       |                        |     |     |     |     |          |
| 50                   | BT                    | 12                |                  | 2005                |                       |                        |     |     |     |     |          |

2

3

AXBT/AXCP Contract Number

---



---

Landing Time

[illegible]

# Playback Log

12: 14T 11  
14: 14T 11  
16: 14T 11

(7)  
(8)  
(7)

14: 1111 (5)  
16: 11 (2)  
(6)

17: 14T 14T 14T 14T 14T 11 (24)  
16: 14T 11 (6)  
(33)

Flight Number 10061841

Takeoff Time

Storm

AXBT/AXCP Contract Number

Landing Time

61 Total

| Probe Seq. Number | AXCP AXBT AXCTD | Channel Number | Serial Number | Actual Drop Time     | Actual Lat Deg | Actual Long Min | SST | MLD | H20 | H26 | Comments |
|-------------------|-----------------|----------------|---------------|----------------------|----------------|-----------------|-----|-----|-----|-----|----------|
| 1                 | BT              | 12             | (6)           | DROPSOUND            |                |                 |     |     |     |     |          |
| 2                 | CP              | 14             | 09051010      |                      |                |                 |     |     |     |     |          |
| 3                 | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 4                 | CP              | 16             | 09041014      |                      |                |                 |     |     |     |     |          |
| 5                 | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 6                 | CP              | 14             | 08091008      | DROPSOUND            |                |                 |     |     |     |     |          |
| 7                 | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 8                 | CP              | 12             | 09081014      | <del>DROPSOUND</del> |                |                 |     |     |     |     |          |
| 9                 | BT              | 16             |               |                      |                |                 |     |     |     |     |          |
| 10                | CP              | 14             | 09061006      | DROPSOUND            |                |                 |     |     |     |     |          |
| 11                | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 12                | CP              | 16             | 09041004      |                      |                |                 |     |     |     |     |          |
| 13                | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 14                | CP              | 16             | 09041002      | DROPSOUND            |                |                 |     |     |     |     |          |
| 15                | BT              | 14/12          | 09053816      |                      |                |                 |     |     |     |     |          |
| 16                | CP              | 12             | 09081020      | <del>DROPSOUND</del> |                |                 |     |     |     |     |          |
| 17                | BT              | 16             | 09053853      |                      |                |                 |     |     |     |     |          |
| 18                | CP              | 14             | 09031031      |                      |                |                 |     |     |     |     |          |
| 19                | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 20                | BT              | 12             |               |                      |                |                 |     |     |     |     |          |
| 21                | CP              | 16             | 09051008      |                      |                |                 |     |     |     |     |          |
| 22                | BT              | 14/12          | 09053827      |                      |                |                 |     |     |     |     |          |
| 23                | CP              | 12             | 09091008      |                      |                |                 |     |     |     |     |          |
| 24                | BT              | 14/16          | 09053831      |                      |                |                 |     |     |     |     |          |
| 25                | CP              | 12             | 09081000      | DROPSOUND            |                |                 |     |     |     |     |          |

# Playback Log

(2)

Flight Number 10061841  
 Takeoff Time \_\_\_\_\_  
 Storm \_\_\_\_\_

AXBT/AXCP Contract Number \_\_\_\_\_  
 Landing Time \_\_\_\_\_

| Probe<br>Seq. Number | AXCP<br>AXBT<br>AXCTD | Channel<br>Number | Serial<br>Number | Actual<br>Drop Time | Actual Lat<br>Deg Min | Actual Long<br>Deg Min | SST | MLD | H20 | H25 | Comments |
|----------------------|-----------------------|-------------------|------------------|---------------------|-----------------------|------------------------|-----|-----|-----|-----|----------|
| 26                   | BT                    | 16                |                  |                     |                       |                        |     |     |     |     |          |
| 27                   | CP                    | 14                | 08091069         |                     |                       |                        |     |     |     |     |          |
| 28                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 29                   | CP                    | 16                | 09051017         |                     |                       |                        |     |     |     |     |          |
| 30                   | CTD/BT                | 14/12             | 04053802         |                     |                       |                        |     |     |     |     |          |
| 31                   | CP                    | 16                | 09041028         |                     |                       |                        |     |     |     |     |          |
| 32                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 33                   | CP                    | 14                | 09031041         |                     |                       |                        |     |     |     |     |          |
| 34                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 35                   | CP                    | 12                | 09081037         |                     |                       |                        |     |     |     |     |          |
| 36                   | BT                    | 16                |                  |                     |                       |                        |     |     |     |     |          |
| 37                   | CP                    | 14                | 09031034         |                     |                       |                        |     |     |     |     |          |
| 38                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 39                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 40                   | CP                    | 12                | 09081032         |                     |                       |                        |     |     |     |     |          |
| 41                   | BT                    | 16                |                  |                     |                       |                        |     |     |     |     |          |
| 42                   | CP                    | 14                | 09031090         |                     |                       |                        |     |     |     |     |          |
| 43                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 44                   | CP                    | 12                | 09081055         |                     |                       |                        |     |     |     |     |          |
| 45                   | BT                    | 16                |                  |                     |                       |                        |     |     |     |     |          |
| 46                   | CP                    | 14                | 08091038         |                     |                       |                        |     |     |     |     |          |
| 47                   | CTD/BT                | 16/12             | 09053854         |                     |                       |                        |     |     |     |     |          |
| 48                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |
| 49                   | CTD/BT                | 16/12             | 09053854         |                     |                       |                        |     |     |     |     |          |
| 50                   | BT                    | 12                |                  |                     |                       |                        |     |     |     |     |          |

DROPS ON DE

DROPS ON DE

~~DRIPS ON DE~~  
 DROPS ON DE

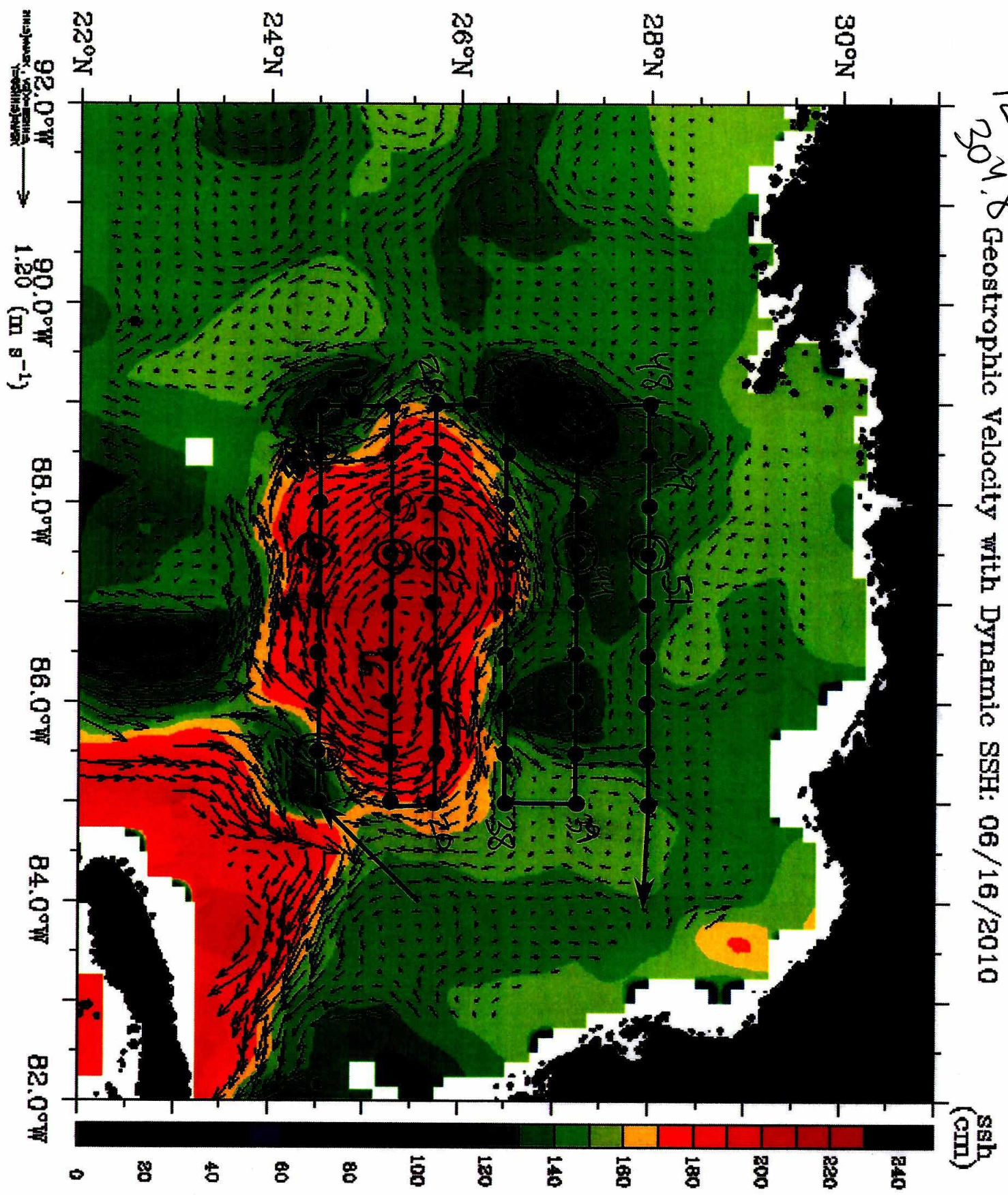
③

Landing Time

[illegible]

123.05  
20M.8

Geostrophic Velocity with Dynamic SSH: 06/16/2010



**Project: Hurricane 03**

Mission: 10061844

**Flight ID:**

**Take Off:**

**Landing:**

FILED: PARRISH

## Launcher S&N

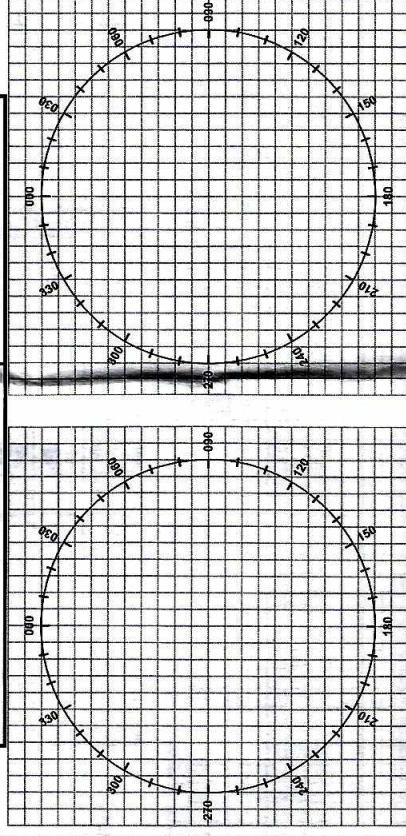
[illegible]

[illegible]

| TIME | FIX TYPE | POSITION         | INS 1 POSITION   | K ERR | INS 2 POSITION   |
|------|----------|------------------|------------------|-------|------------------|
| 1247 | START    | N 2751<br>W 8236 | N 2751<br>W 8236 | 0     | N 2755<br>W 8222 |
| 1251 | TAXI     |                  |                  |       |                  |
| 1252 | I        |                  |                  |       |                  |
| 1256 | T/O      |                  |                  |       |                  |
| 1257 | IV       |                  |                  |       |                  |
| 1302 | III      |                  |                  |       |                  |
| 1330 | Δ        | 2609<br>8418     | 2609<br>8416     | 0     | 2606<br>8417     |
| 1430 | Δ        | 2431<br>8717     | 2431<br>8717     | 0     | 2431<br>8717     |
| 1534 | Δ        | 2516<br>8717     | 2516<br>8715     | 0     | 2516<br>8715     |
| 1641 | Δ        | 2546<br>8638     | 2548<br>8638     | -2    | 2549<br>8638     |
| 1734 | Δ        | 2630<br>8641     | 2634<br>8641     | -4    | 2633<br>8641     |
| 1831 | Δ        | 2635<br>8500     | 2641<br>8458     | -6    | 2633<br>8458     |
| 1931 | Δ        | 2715<br>8523     | 2722<br>8520     | -6    | 2711<br>8522     |
| 2000 | Δ        | 2601<br>8553     | 2605<br>8552     | -2    | 2555<br>8553     |
| 2127 | LAND     |                  |                  | +     |                  |

[illegible]

**MISSION LOG** PAGE      OF     



# POSITION REPORT

1. POSITION

2. TIME

3. ALTITUDE

4. NEXT POSITION

5. ETA

6. NEXT POSITION

## EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES.

|                                    |                     |          |          |          |
|------------------------------------|---------------------|----------|----------|----------|
| UHF/VOICE                          | VHF/VOICE           | MF/VOICE | HF/CW    | MF/CW    |
| 243.0                              | 121.5               | 2182 KHZ | 8364 KHZ | 500 KHZ  |
| MAYDAY, MAYDAY, MAYDAY             |                     |          |          |          |
| THIS IS NOAA _____, NOAA _____     |                     |          |          |          |
| - POSITION                         | _____               |          | N / S    | _____    |
| - HEADING                          | _____               |          | E / W    | AT _____ |
| - AT _____                         | KTS TRUE/MAG        |          |          |          |
| - FLIGHT LEVEL OR ALTITUDE         | _____               |          |          |          |
| - WE ARE A P-3 AIRCRAFT WITH _____ | SOULS ON BOARD      |          |          |          |
| - NATURE OF EMERGENCY              | _____               |          |          |          |
| - ASSISTANCE DESIRED               | _____               |          |          |          |
| - PILOT INTENTIONS                 | _____               |          |          |          |
| - WE HAVE _____                    | ENDURANCE REMAINING |          |          |          |

**EMERGENCY MESSAGE**

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

| UHF/VOICE | VHF/VOICE | MF/VOICE | HF/CW    | MF/CW | 500 KHZ |
|-----------|-----------|----------|----------|-------|---------|
| 243.0     | 121.5     | 2182 KHZ | 8364 KHZ |       |         |

**MAYDAY, MAYDAY, MAYDAY  
THIS IS NOAA . NOAA**

- POSITION \_\_\_\_\_ N / S

- HEADING \_\_\_\_\_ TRUE/MAG \_\_\_\_\_

- FLIGHT LEVEL OR ALTITUDE

**- NATURE OF EMERGENCY**

- PILOT INTENTIONS
- WE HAVE ENDURANCE REMAINING