

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center				
FLT ID: 100625H		From: KMCF		To: KMCF
FLT #:		Blk In: 2027 Z		Lnd Time: 2019 Z
ETD: 1300 Z		Blk Out: 1243 Z		T/O Time: 1253 Z
ETE: 8		Total Blk: 7+44 (7.7)		Total Flt: 7 ^{FL6} (7.4)
Sponsoring Org: RSMAS		Program: Deepwater (PEE)		Purpose: Emergency Response
AOC Flight Crew				
Aircraft Commander: Girimonte		Data System: Bosko		
Co-Pilot: Martin, [unclear]		Avaps: Peek		
Navigator: Sloan, [unclear]		System Engineer: Lynch, C.		
Flight Eng: Klippel, [unclear]		AA: Richards		
Flt Director: Flaherty, Williams		AA: Parrish, M		
Avionics:		Crew Chief:		
Participating Scientists, Visitors, & Add'l Aircrew on back.		Total # of people on board: (14)		# of people listed on back: 3
	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1016.4/1017.3	3005	1014.8	3000
ATIS - Takeoff		1155 0800GRT 10 SRC 27/25 3005		
ATIS - Land		1955 03008RT 10 SRC 34/23 3000		
Data Source	Number	Data Disposition / Date / Quality / File Name(s)		
Flight Level Tapes				
Radar Tapes				
Dropsondes		(8) Good: 8 Bad: 0 Sent: 0		
AXBT		(58) to PEE (6 AXCTD'S) (6) AXCTD - 6.0		
List other data sources on back in Remarks section.				
Remarks (Storm Name, Mission ID, Recco Times, Fix Times)		Recco Times:	Fix #	Fix Time
Storm Name: Deepwater 08		74 total instruments dropped		
Mission ID: WXWXA				

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID:	T/O Time: Z	Lnd Time: Z
---------	--	--

Name (Last, First)	Activity on Aircraft	Affiliation
--------------------	----------------------	-------------

Brewster, Jodi	PI	Univ of MIA / RSMAS
----------------	----	---------------------

Jaimes, Ben	PI	" / RSMAS
-------------	----	-----------

Wyant, Anna Marie	base media	USAF
-------------------	------------	------

Remarks:



NOAA P-3 N42RF
Deepwater Horizon
25 June 2010



Flight ID: 100625H

<u>Sensor or system</u>	<u>Variable Name</u>
Inertial	INE1
Accelerometer	ACCI1
Temperature Probe	TT1
Dew Point Probe	TDM2
Altitude (for vertical wind)	ALTI1
Static Pressure	PSF
Dynamic Pressure	PQF1
Constants File	n42_hur10v1.adc
Project Directory	/acdata/2010/deepwater

Local Met Data:	<u>Takeoff (1253Z)</u>	<u>Landing (2019Z)</u>
Aircraft Static Pressure	1017.3 mb	1014.8 mb
Tower Pressure	1017.1 mb	1015.4 mb

Notes

There were no data gaps.

Novatel was out entire flight.

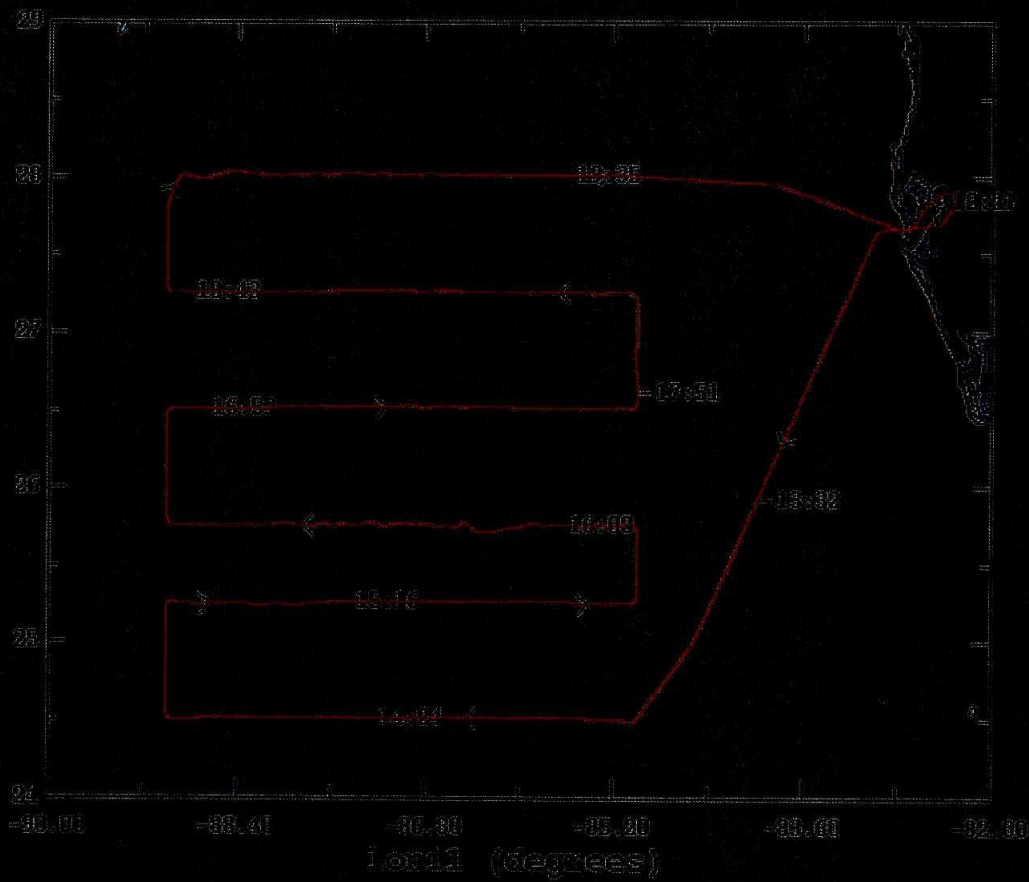
All other instruments appeared to work optimally.

There were 58 AXBT's, 6 AXCTD's and 8 Dropsondes launched. All 8 Sondes were good.

Flight Director: Paul Flaherty / Jess Williams
Phone #: (813) 828-3310 ext. 3041

06/23/2010 UTC, 12:41:01-20:27:10

Lat11 (degrees)



	FROM	STOPS	END	TIME
Lat11 (degrees), 1 s/sec	20.42	2.21	20.43	20.00
Lon11 (degrees), 1 s/sec	-90.14	1.00	-89.14	-82.00

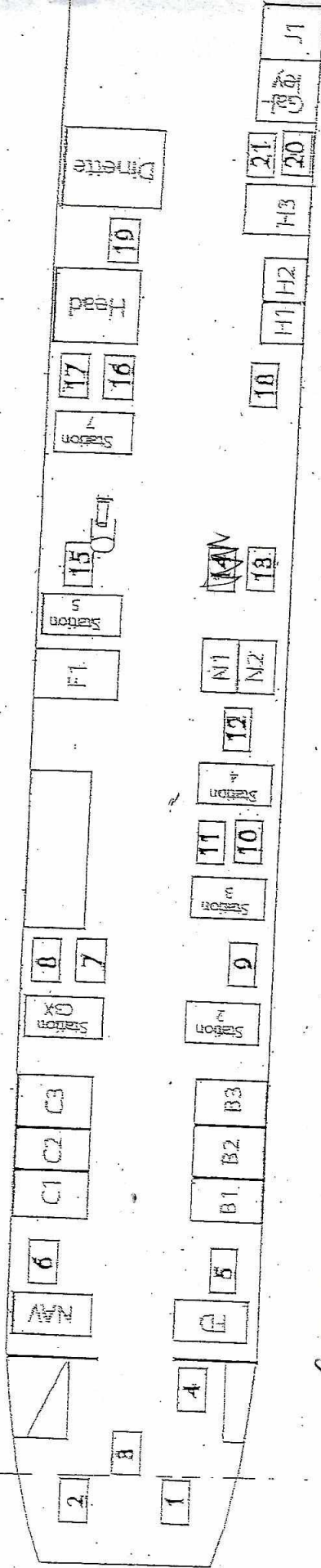
Alchan

pt #	Lon	Lat	Probes BT or all	Pt #	Lon	Lat	Probes
1	-84.5	25		47	-88	27.25	
2	-84.75	24.75	CTD	48	-88.5	27.25	
3	-85	24.5		49	-89	27.25	
4	-85.5	24.5	CTD/Sonde	50	-89	28	
5	-86	24.5		51	-88.5	28	
6	-86.5	24.5	2x BT (ch 12 + 3)	52	-88	28	
7	-87	24.5		53	-87.5	28	
8	-87.5	24.5	Sonde BAD BT	54	-87	28	
9	-88	24.5		55	-86.5	28	BAD BT
10	-88.5	24.5		56	-86	28	
11	-89	24.5		57	-85.5	28	
12	-89	24.875	CTD/Sonde	58	-85	28	2x BT
13	-89	25.25					
14	-88.5	25.25					
15	-88	25.25					
16	-87.5	25.25	CTD/Sonde				
17	-87	25.25					
18	-86.5	25.25					
19	-86	25.25	CTD				
20	-85.5	25.25					
21	-85	25.25					
22	-85	25.75					
23	-85.5	25.75					
24	-86	25.75					
25	-86.5	25.75					
26	-87	25.75					
27	-87.5	25.75	Sonde				
28	-88	25.75					
29	-88.5	25.75	BAD				
30	-89	25.75					
31	-89	26.125					
32	-89	26.5					
33	-88.5	26.5					
34	-88	26.5					
35	-87.5	26.5	Sonde				
36	-87	26.5					
37	-86.5	26.5	CTD/Sonde				
38	-86	26.5					
39	-85.5	26.5					
40	-85	26.5					
41	-85	27.25					
42	-85.5	27.25					
43	-86	27.25					
44	-86.5	27.25					
45	-87	27.25					
46	-87.5	27.25	Sonde				

70 total
 62 ch 12 > BT
 2 ch 16
 3 ch 14 AXCTD
 3 ch 16
 Planning
 Dropping
 60 BT'S
 + 6 CTD'S
 8 sondes

NOAA AIRCRAFT OPERATIONS CENTER

Flight ID 100625H



1. GIRIMONTI

PILOT

2. MARTIN

COPILOT

3. KLIPPEL

FLIGHT ENGINEER

4. WYANT

STATION 1

5. WILLIAMS

FLIGHT DIRECTOR

6. SLOAN

NAVIGATOR

7. JAMES

STATION C3X

8. FLAHERTY

STATION C3X

9. BREWSTER

STATION 2

10. FLAHERTY

STATION 3

11. _____

STATION 3

12. BOSKO

STATION 4

13. JAMES

PROJECT SEAT

14. [Signature]

PROJECT SEAT

15. LYNCH, C

STATION 5

16. PARRISH, M

STATION 7

17. PEEK

STATION 7

18. RICHARDS

STATION B

19. _____

DINETTE

20. _____

GALLEY

21. _____

GALLEY

#6

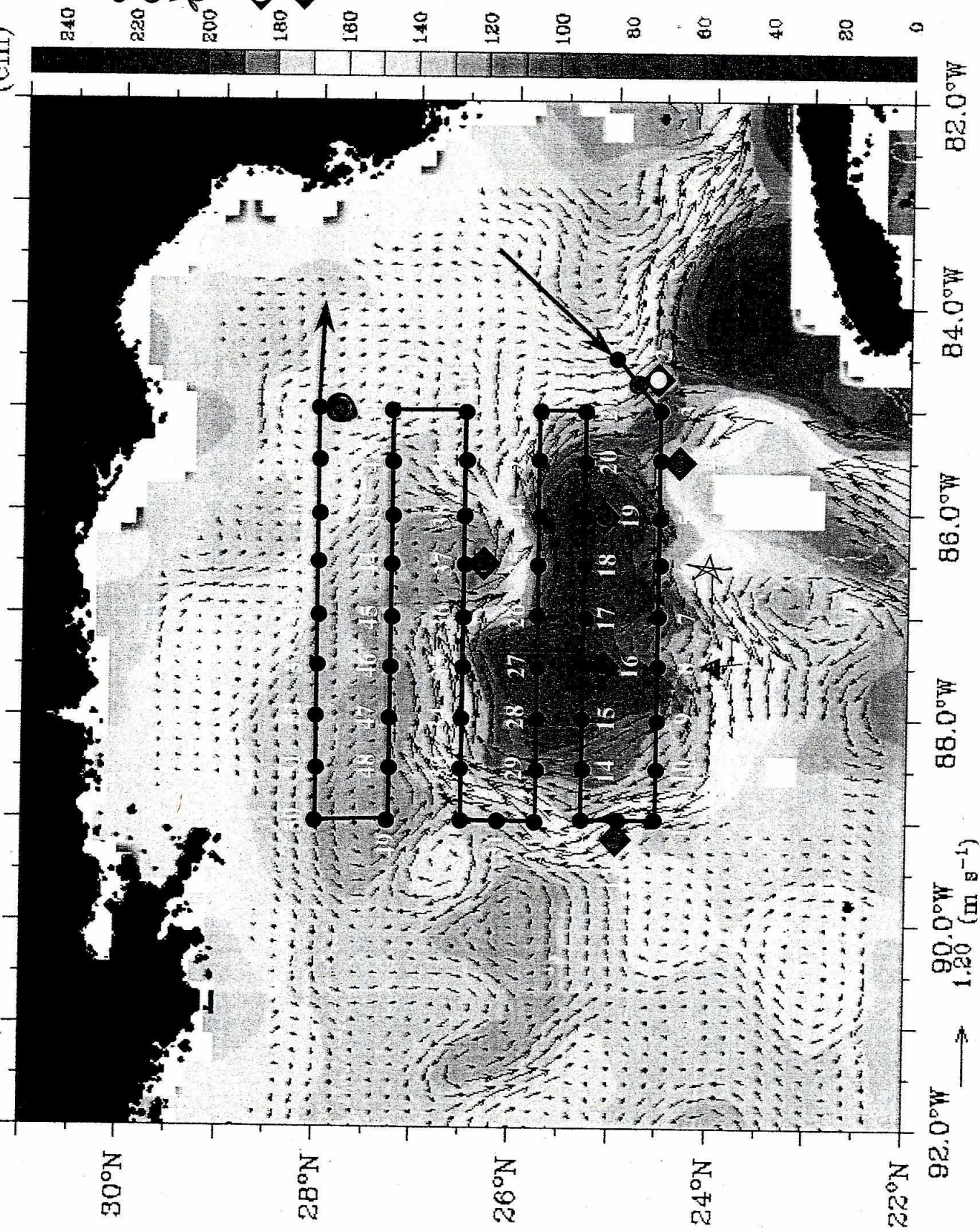
UN-14
Ch-16 Sippican

Geostrophic Velocity with Dynamic SSH: 06/23/2010

71 50

Ch-16 Sippican
Ch-12 Sippican

ssh
(cm)



Playback Log

Flight Number 100625H
 Takeoff Time _____
 Storm _____

AXBT/AXCP Contract Number _____
 Landing Time _____

Probe Seq. Number	AXCP AXBT AXCTD	Channel Number	Serial Number	Actual Drop Time	Actual Lat Deg Min	Actual Long Deg Min	SST	MLD	H20	H26	Comments
1	BT	12	—								
2	BT/CTD	16/14	09053826								Combo!
3	BT	12	—								
4	BT/CTD	12/16	09053862								Combo!
5	BT	12	—								
6	BT/CTD	12/14	—								Combo!
7	BT	12	—								
8	BT	12	—								
9	BT	12	—								
10	BT	12	—								
11	BT	12	—								
12	BT/CTD	12/16	09053866								Combo!
13	BT	12	—								
14	BT	12	—								
15	BT	12	—								
16	BT/CTD	12/16	09053848								Combo!
17	BT	12	—								
18	BT	12	—								
19	BT/CTD	12/16	09053868								Combo!
20	BT	12	—								
21	BT	12	—								
22	BT	12	—								
23	BT	12	—								
24	BT	12	—								
25	BT	12	—								

Playback Log

#2

Flight Number

1006254

AXBT/AXCP Contract Number

Takeoff Time

Landing Time

Storm

Probe Seq. Number	AXCP AXBT AXCTD	Channel Number	Serial Number	Actual Drop Time	Actual Lat Deg Min	Actual Long Deg Min	SST	MLD	H20	H26	Comments
26	BT	12	—								
27 D	BT	12	—								
28	BT	12	—								
29	BT	12	—								
30	BT	12	—								
31	BT	12	—								
32	BT	12	—								
33	BT	12	—								
34	BT	12	—								
35 D	BT	12	—								
36	BT	12	—								
37 D	BT/CTD	12/16	19053863								combo!
38	BT	12	—								
39	BT	12	—								
40	BT	12	—								
41	BT	12	—								
42	BT	12	—								
43	BT	12	—								
44	BT	12	—								
45	BT	12	—								
46 D	BT	12	—								
47	BT	12	—								
48	BT	12	—								
49	BT	12	—								
50	BT	12	—								

#3

1006251

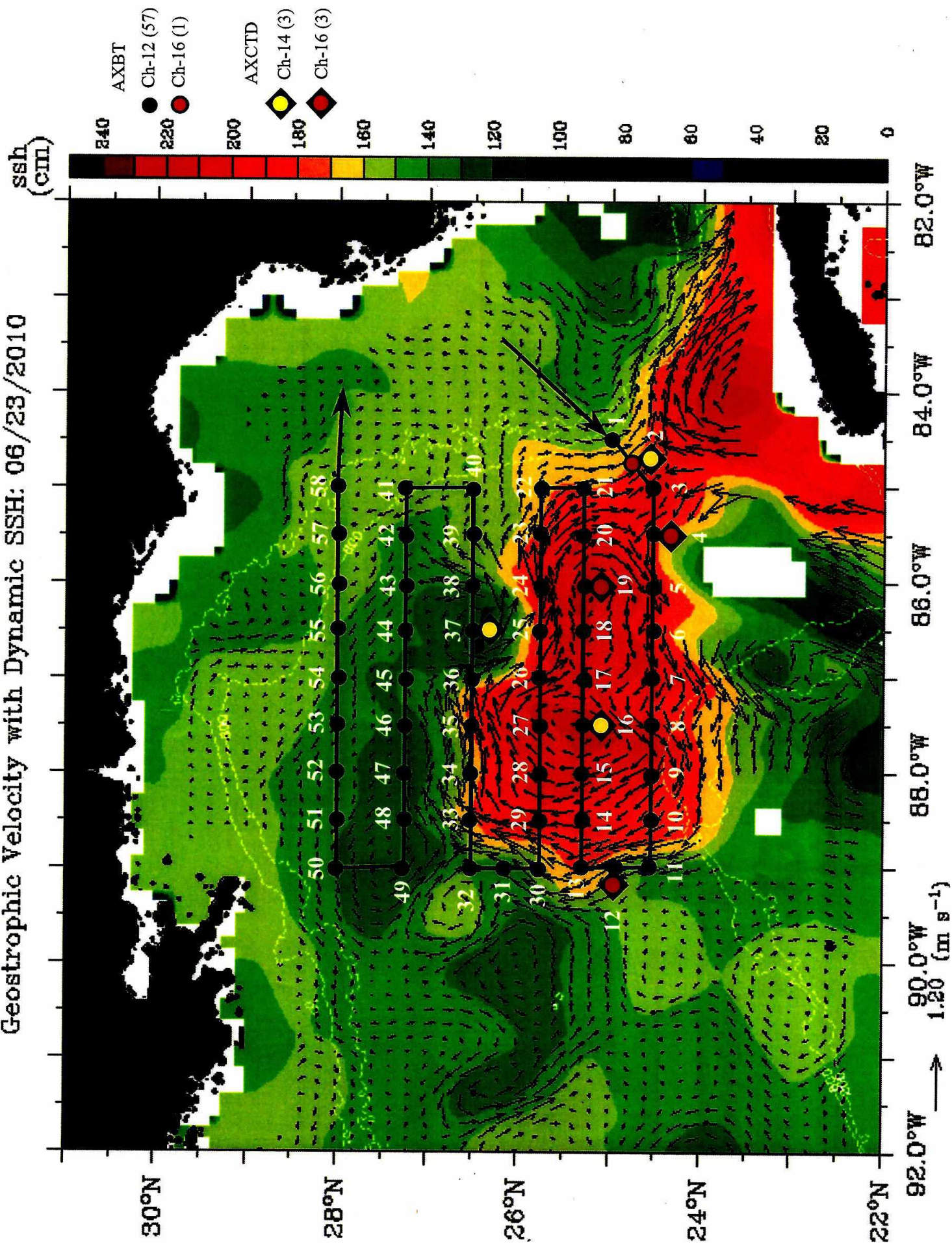
AXBT/AXCP Contract Number

Landing Time

Storm

[illegible]

Geostrophic Velocity with Dynamic SSH: 06/23/2010



pt #	Lon	Lat	Probes	Pt #	Lon	Lat	Probes
1	-84.5	25		47	-88	27.25	
2	-84.75	24.75		48	-88.5	27.25	
3	-85	24.5		49	-89	27.25	
4	-85.5	24.5		50	-89	28	
5	-86	24.5		51	-88.5	28	
6	-86.5	24.5	28.5	52	-88	28	
7	-87	24.5		53	-87.5	28	
8	-87.5	24.5		54	-87	28	
9	-88	24.5		55	-86.5	28	
10	-88.5	24.5		56	-86	28	
11	-89	24.5		57	-85.5	28	
12	-89	24.875		58	-85	28	
13	-89	25.25					
14	-88.5	25.25					
15	-88	25.25					
16	-87.5	25.25					
17	-87	25.25					
18	-86.5	25.25					
19	-86	25.25					
20	-85.5	25.25					
21	-85	25.25					
22	-85	25.75					
23	-85.5	25.75					
24	-86	25.75					
25	-86.5	25.75					
26	-87	25.75					
27	-87.5	25.75					
28	-88	25.75					
29	-88.5	25.75					
30	-89	25.75					
31	-89	26.125					
32	-89	26.5					
33	-88.5	26.5					
34	-88	26.5					
35	-87.5	26.5					
36	-87	26.5					
37	-86.5	26.5					
38	-86	26.5					
39	-85.5	26.5					
40	-85	26.5					
41	-85	27.25					
42	-85.5	27.25					
43	-86	27.25					
44	-86.5	27.25					
45	-87	27.25					
46	-87.5	27.25					

radar, weather, gary/lite/NOR/TBW-loop.gif

Deepwater 08 58 drop pts, 58 BT's and 6 CTD's planned

t/o wx: metar: E 5-10kt few 030 SCT 250 25/25 3003

taf:

Climb Turb/ice:

Flight: Cloud tops: 350-400

Bases: 020

Precip/lightning:

MING W 10-15kt

wind: AT 055-060 E 20-25kt

skt ~~ESS~~ turb: E 10-15kt stronger down S

F2lvl = 16,000ft

landing wx: descent turb/ice:

taf: E 10kt VCSH BRN 035 OVC 250

local conditions:

Sea Salt:

Volcanic Ash:

8 sondes / backup

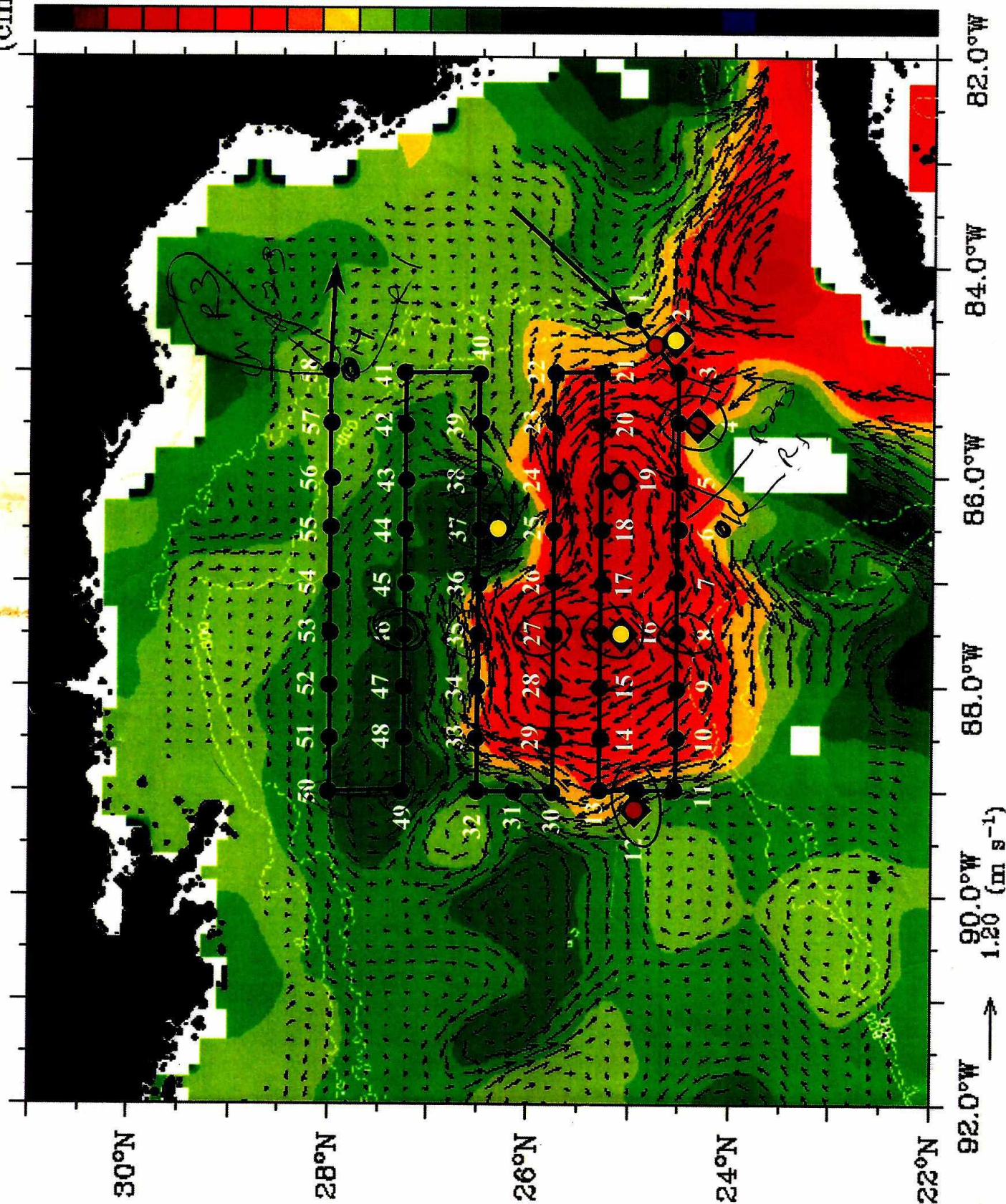
Geostrophic Velocity with Dynamic SSH: 06/23/2010

ssh
(cm)

AXBT
● Ch-12 (57)
● Ch-16 (1)

AXCTD
◆ Ch-14 (3)
◆ Ch-16 (3)

8 sondes



Flight ID : 100625H

Launcher S/N: *N/A*

[illegible]

113.34 1500 130.7
8846 1500

CLEARANCES

MISSION LOG

PAGE _____ **OF** _____

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:

UHFVOICE	VHFVOICE	MFVOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA _____, NOAA _____, NOAA _____

- POSITION _____ N / S _____

- HEADING _____ TRUE/MAG _____

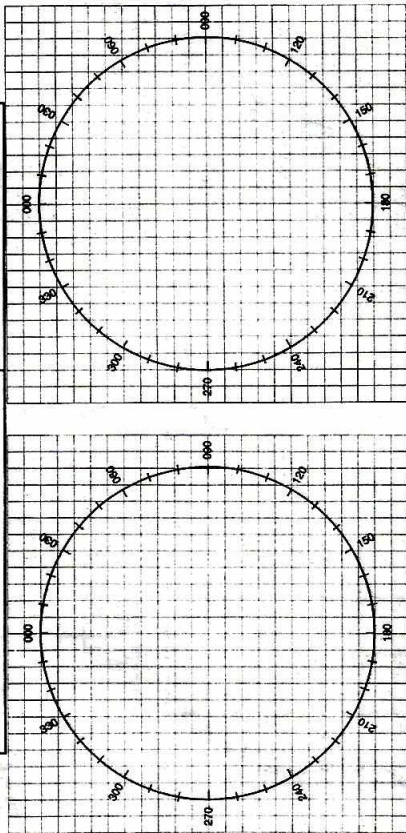
- AT _____ KTS TRUE/INDICATED
- FLIGHT LEVEL OR ALTITUDE

- WE ARE A P-3 AIRCRAFT WITH .

- NATURE OF EMERGENCY
- ASSISTANCE DESIRED

- ASSISTANCE DESIRÉE
- PILOT INTENTIONS

- WE HAVE _____ ENDURANCE REMAINING _____

[illegible]