19890805H1.AXBT

AUG 5 1989

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Form E-4
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AXCP LOG

Flight Number: 890805H

Storm Name: DEAN

Storm Direction/Speed: 360/12 kt

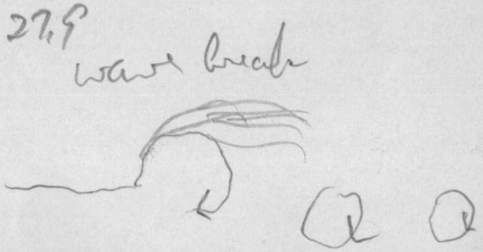
Takeoff Time: 1314Z

Landing Time:

Leg #	Out/In	RA m	PMIN mb	VMAX m/s	RMAX km	Time PMIN	Time VMAX	Time End Pass
		3640	984	35		1508		

AXBT new fall

Leg/ Drop No.	Tube No.	Channel No.	Probe Type Slow	Probe Type Reg.	Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status Good	Status Bad	Comments
1							183803	25 19.9	63 32.4		X	~~243~~ never off
2		4					184208	25 33.9	64 46.8			27.9 RD 26.7
3		16					184643	25 47.7	63 41.6			27.7
4		12					185316	26 09.4	63 56.5			28.0 esp
5							190444	26 44.6	64 16.7			28.2
6							191111	27 04.1	64 30.3			27.9 launch in turn
7							193206	26 38.4	64 52.5		X	28.0
8							195131	26 31.7	63 36.3			28.0 98 kt
9							195409	26 31.9	63 16.5			27.9
10							200137	26 32.8	63 01.9			27.9
11												



SFMR cal @ 1345Z, RA = 5180m, WS (sfc) ≈ 3 m/s n/s

1440Z descend to 3800m RA, WS (sfc) ≈ 15-17 m/s n/s, SFMR WS ≈ 17 m/s

↑Phil est

1834 at 530 m

Flight No. _____
Takeoff time _____
Storm _____

AXBT/AXCP Contract No. _____
Landing time _____

AXBT AND AXCP CHECK SHEET

AXCP/ AXBT#/ Type	Chan- nel#	Lot#	Predicted Drop Time (HHMMSS)	Actual Drop Time (HHMMSS)	Predicted Lat Deg	Predicted Lat Min	Predicted Long Deg	Predicted Long Min	Actual Lat Deg	Actual Lat Min	Actual Long Deg	Actual Long Min	Surface Temp, AXBT	Surface Temp, IRT	MLD (m)	Comments

*Type M=Magnavox H=Hermes S=Sippicar

AXBT/AXCP Check Sheet Summary

Flight _____

		Number
(1)	Probes dropped	_____
(2)	Failures	_____
(3)	Failures with no signal	_____
(4)	Failures with sea surface temperature, but terminated above thermocline	_____
(5)	Probes which terminated above 250 m, but below thermocline	_____
(6)	Probes used by channel no . . . CH12	_____
	. . . CH14	_____
	. . . CH16	_____
	. . . CH__	_____

NOTES

E.4 Air-Sea Interaction Scientist (On-board)

The on-board Air-Sea Interaction Scientist (ASIS) is responsible for data collection from airborne expendable bathythermographs (AXBT's), airborne expendable current profilers (AXCP's), and sea surface temperature radiometers (if these systems are used on the mission). Detailed calibration and instrument operation procedures are contained in the air-sea interaction (ASI) manual supplied to each operator. General supplementary procedures follow. (Check off and initial.)

E.4.1 Preflight

_____ 1. Determine the status of equipment and report results to the on-board Lead Project Scientist (LPS).

_____ 2. Confirm mission and pattern selection from the on-board LPS.

_____ 3. Select the mode of operation for instruments after consultation with the HRD/ASIS and the on-board LPS.

_____ 4. Complete appropriate preflight checklists as specified in the ASI manual and as directed from the on-board LPS.

E.4.2 In-Flight

_____ 1. Operate the instruments as specified in the ASI manual and as directed by the HRD/ASIS unless superseded by directions from the on-board LPS.

E.4.3 Postflight

_____ 1. Complete summary checklist forms and all other appropriate checklist forms.

_____ 2. Brief the on-board LPS on equipment status and turn in completed checklists to the LPS.

_____ 3. Debrief as necessary at the appropriate operations center (FGOC or MGOC).

_____ 4. Determine the status of future missions and notify appropriate operations center (FGOC or MGOC) as to where you can be contacted.