1988090511\_AXET

SEP 8 1988

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

SEP 8 1988

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

- Determine the status of equipment and report results to the onm 1. board Lead Project Scientist (LPS).
- 2. Confirm mission and pattern selection from the on-board LPS. m
- m
- 3. Select the mode of operation for instruments after consultation with the HRD/ASIS and the on-board LPS.
- m
- 4. Complete appropriate preflight checklists as specified in the ASI manual and as directed from the on-board LPS.

### E.4.2 In-Flight

Mu 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 Operate the instruments as specified in the ASI manual and as directed by the HRD/ASIS unless superseded by directions from the on-board LPS.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.
- Brief the on-board LPS on equipment status and turn in completed 2. checklists to the LPS.
  - 3. Debrief as necessary at the appropriate operations center (FGOC or MGOC).
    - Determine the status of future missions and notify appropriate 4. operations center (FGOC or MGOC) as to where you can be contacted.

Form E-4 Page 1 of 3

# Flight 880908 II

	<u>Number</u>	
(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	

	880908II
Takeoff time	18212
Storm Ela	rence

11 drops / 3 tailed

AXBTLAXC	P Contract	No.	
Lan	ding time		-

SEP 8 1988

Page 2 of 3

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AXBT AND AXCP CHECK SHEET

Form E-4 Page 3 of

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#### AXCP LOG

Flight Number:	
Storm Name:	
Storm Direction/Speed:	
Takeoff Time:	
Landing Time:	

Leg #	Out/In	RA m	PMIN mb	VMAX m/s	RMAX km	T1me PMIN	Time VMAX	Time End Pass
								7

Leg/ Drop No.	Tube No.	Channel No.	Probe Slow	Type Reg.	Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Stat Good	tus Bad	Comments
				-								