

Boundary-Layer Scientist

The boundary-layer scientist (BLS) is responsible for data collection from AXBTs, AXCPs, AXCTDs, buoys, and SST radiometers (if these systems are used on the mission). General supplementary procedures follow. (Check off or initial.)

Preflight

- _____ 1. Determine the status of equipment and report results to the Lead Project Scientist (LPS).
- _____ 2. Confirm mission and pattern selection from the LPS.
- _____ 3. Select the mode of operation for instruments after consultation with the LPS.
- _____ 4. Complete appropriate preflight check list.

In-Flight

- _____ 1. Operate the instruments as directed by the LPS.

Post flight

- _____ 1. Complete summary checklist and all other appropriate forms.
- _____ 2. Brief the LPS on equipment status and turn in completed checklists and any data tapes to the LPS.
[Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]
- _____ 3. Debrief as necessary at base of operations.
- _____ 4. Determine the status of future missions and notify MGOc as to where you can be contacted.

AXBT and Sonobuoy Check Sheet (revised 6/23/04)

Flight Number 09082621 Storm Danny Storm Direction/Speed 310/9

Take-Off Time _____ Landing Time _____

[illegible]

T. Zhang

AXBT and Sonobuoy Check Sheet (revised 6/23/04)

Flight Number 09082711 Storm Danny Storm Direction/Speed 310/9Take-Off Time 0803 Landing Time 1516

Drop #	Channel Number	Drop Time (HHMMSS)	Latitude (Decimal)	Longitude (Decimal)	Splash Time (HHMMSS)	Sfc Temp. AXBT	MLD (m) (#secs x 1.5)	Comments
1	12	083700	26.81	79.50	083930	29		
2	B	090800	26.81	76.92				no data no temp
3	2	091940	26.87	76.00	092400	28.3		
4	3	093126	26.97	75.00	093440	28.3		
5	2	094200	27.01	74.00		28.3		
6	B	095440	27.02	73.00	095753	28.2		
7	B	100627	27.00	72.00	100905	28.1		
8	4	105720	27.2	69.4	110010	28.1		
9	3	112651	28.6	70.48	112900	27.7		
10	4	115521	27.18	72.27	115800	28.2		
11	3	121924	25.68	72.73	122131	28.7		
12	3	123302	25.9	71.82	123540	28.4		
13	4	130112	27.9	72.37	130311	27.5		
14	3	132815	27.9	74.6	133012	28.1		
15		1320						
16		1329						