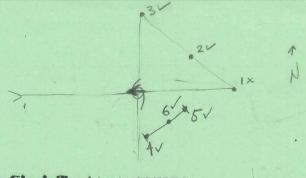
Boundary-Layer Scientist

The on-board 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). 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.)

Freing	
	 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/BLS and the on-board LPS.
	4. Complete appropriate preflight check lists as specified in the ASI manual and as directed from the on-board LPS.
In-Flig	ht
	 Operate the instruments as specified in the ASI manual and as directed by the on-board LPS.
Post flig	ght
	 Complete summary checklist forms and all other appropriate check list forms.
3	2. Brief the on-board LPS on equipment status and turn in completed checklists to the LPS.
3	B. Debrief as necessary at MGOC or the hotel during a deployment.
	Determine the status of future missions and notify MGOC as to where you can be contacted.



- Stepped Descent Legs. N35 mmi from Center.

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

Drop #	Channel Number	Drop Time (HHMMSS)	Latitude (Decimal)	Longitude (Decimal)	Splash Time (HHMMSS)	Sfc Temp.	MLD (m) (#secs x 1.5)	Comments
	12	191644	26.23	67.54				×
2	12	192900	26.82	68.25	192930	26.5	50	RR and
3	12	193735	27.32	68.83	193916	24.0	45	Ranad
4	12	201749	25.48	68.76	204910	27,5	7	ik Ruad
5	12	205351	25.60	68.55	205455	27.3	17	
6	12	210276	25.47	68.62	210342	27,5	40	

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Stepped-Docent legs

Alle

Flight Number	
Take-Off Time Landing Time	
Storm	_ Storm Direction/Speed

									Irack
Leg/ Drop #	Channel #	Probe Slow I	Type	Start Launch Time (HHMMSS)	End Time Latitude (decimal)		Sta	itus // Bad	Comments
D				204749	205040	2400'			
q				265357	205820	(200'			215°
D				210315	210510	900			0650
						17 46			

~1733 1200 m (RH cap) press ~17