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 Summary

Flight ID 20176825H	Be	oundary-Layer Sc	eientist 🛓	tolbach
Storm or Proje	ect Name	Hurricane	Hari	rcy
(1) Probes dropped	Number			
(2) Failures	100	rtial		
(3) Failures with no signal	3	entra menor taja j ur kongseno to se		
(4) Failures with SST but terminated above thermocline	0			
(5) Probes terminated above 250 m but below thermocline	0	Caral Palastra		
				Number of
(6) Probes used by channel	number	CH-12		Park XII
		CH-14		
		СН-16		
		СН		MAGE.
NOTES:				



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

Flight Number Z0170825H1	Storm Harrey	Storm Direction/Speed 315/9k4
Take Off Time 01462	Landing Time <u>0848</u>	

Drop #	Channel Number	Drop Time (HHMMSS)	Latitude (Decimal)	Longitude (Decimal)	Splash Time (HHMMSS)	Sfc Temp. AXBT	MLD (m) (#secs x 1.5)	Comments
1		6359	26°35'	949 43'				Back
2		0434	24°24'	94° 53'				Bad
3		0447	240591	93° 59'		26°C		
4		0523	2616	9617				no SST, intomit
5		6545	24°54'	960 191				Bad
6		6637	266391	93° 36		~30°C		
			To be seen to be					
			randrower territories en en electrica de la pelo el Pari					
Fall In			No. Part					
organism staganiyasi ist saari	Manager (Symmetry States)				ada kanada marang dipentahan pertahan pertahan sama			