## E.4 Boundary-Layer Scientist

The on-board boundary-layer scientist (BLS) is responsible for data collection from AXBTs, AXCPs, AXCTDs, BUOYs, 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.)

F.4.1 Preflight

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3.4	
	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.
E.4.2	In-Flight -
***	1. Operate the instruments as specified in the ASI manual and as directed by the on-boar LPS.
E.4.3	Post flight Post flight
	Complete summary check list forms and all other appropriate check list forms.
	2. Brief the on-board LPS on equipment status and turn in completed check lists to the LPS.
	3. Debrief as necessary at MGOC or the hotel during a deployment.
	4. Determine the status of future missions and notify MGOC as to where you can be contacted.

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## **AXBT/AXCP Check Sheet Summary**

	Flight 308 241 Aircraft 42 Operator JEEK
	Number
(1)	Probes dropped
(2)	Failures Tool 2007 And the restance from the same to action and the same of th
	Failures with no signal
	Failures with sea surface temperature, but terminated above thermocline
(5)	Probes that terminated above 250 m, but below thermocline
(6)	Probes used by channel number CH12
	CH14
	CH16 PERMIT RELEASE PRINTINGS TO THE CH16 PERMIT REPORT AND THE RELEASE STATE OF THE CHICAGO AND THE CHICAGO A
	od) el ania vide do espreten es parella baratament per alguna no el Riz prena no el fililió.  CH
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## **AXBT and AXCP Check Sheet**

Flight Number 030821 H	AXBT/AXCP Contract Number				
Take-Off Time 170522	Landing Time N 2/20				
Storm CBLAST TEST	Storm Direction/Speed				

AXCP/ AXBT #/Type	Channel Number	Lot Number	CHARLES ACTION	Deg.	at. Min.	Loi Deg.	ng. Min.	Sur Ter AXB	face np. TIRT	MLD (m)	Comments  DROPTED OFF A	spunnt
AXBT	16		18200	26	9	85	46	28.5		- ?	DROPPED OFF A	-261018
AXBT	12		183836	25°	54'	85	0	29.8		?		3 PLASH 3745
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	P. 15-19-18		distance in the second									
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