Und 43 day

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.)

E.4.1	Preflight
/	 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.
_	 Complete appropriate preflight check lists as specified in the ASI manual and as directed from the on-board LPS.
E.4.2	In-Flight
	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.
	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.

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AXBT/AXCP Check Sheet Summary

AND TAXOF OFFICER OFFICER OFFI									
Flight 031205 Aircraft 43 Operator Clone									
Number									
(1) Probes dropped									
(2) Failures O (Several rousy thoughton)									
(3) Failures with no signal									
(4) 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									
CH									
NOTES:									
chif much noisie									
Signed (v ch16)also,									
John Spray is margind. 50 km Specy better Cless Sign!									
interference)									

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AXBT and AXCP Check Sheet

Flight Number 051205 T AXBT/AXCP Contract Number													
Take-C	Off Time	15:1											
Storm	Storm Direction/Speed ~015/5k4s												
AVOR	lo		50197										
AXCP/ AXBT	Channel Number	-Lot Number	(HHMMSS)	Deg. Mir.		Lat. Long. Deg. Mirr.				MLD (m)	Comments		
#/Type		147/20			dec			AXB	The second second			0	
BTI	ch16	18:19:10	18:22:58	18	00	73	21	27.9	1390=390	~94m	WOD 16,91	101) 55184	
BTZ	anix	18:24:3	18:24:15	17	25	73	84	27.4	7-4		Vois but good	(onal	
B13	ch16	18:30:00	18:33.35	17	48	72	53	27.9	D26130	~97m	MCT + 18:34:40		
BT4	Ch 18	18:26:47	-18:40:26	16	99	77	78	27.5	-		MLT-D VOISY SST8	and	
075	ch 16	18:43:4	-18:47:25	0	49	72	77	27.5	D30772	~ 95	T65) gre be Het	echla.	
516	Chia	18:53:	518:57:44	15	77	73	31	27.5	D2675	~70	Note: A5 = 25; 1800	FF	
BT7	ch 16	19:10:4	-	14	50	73	88	27.9	-	~40	NE" exall"	Max V Folk	
BTP	0412	19:170	8 -	13	92	13	91	27.6)	150	S''tyeull"	Maxv 40k	
BTS	ch 16	20:39	11 20:43:09	14	52	74	91	28) -	~75	50mil wof	-ege-la	
BTIS	(418	201500	20:53:50	14	55	15	74	27.9		759	OMW S'ey		
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