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. | 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 20210828 | ALAKA | | | | | | | |
|---|-----------|-----------|--|--|--|--|--|--|
| Storm or Project Name IDA EMC | | | | | | | | |
| (1) Probes dropped | Number of | | | | | | | |
| (2) Failures | | | | | | | | |
| (3) Failures with no signal | | | | | | | | |
| (4) Failures with SST but terminated above thermocline | <u> </u> | | | | | | | |
| (5) Probes terminated above 250 m but below thermocline | | | | | | | | |
| | | Number of | | | | | | |
| (6) Probes used by channel 1 | 19 | | | | | | | |
| | CH-14 | | | | | | | |
| | CH-16 | | | | | | | |
| | CH | | | | | | | |
| NOTES: | | | | | | | | |
| I "Failed" probe may have transmitted, but I didnit | | | | | | | | |
| See it on the plane | | | | | | | | |

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

Storm Direction/Speed NW @ 13 14 Storm IDA O9L Flight Number 20216828 I 1

Landing Time

2+5:40

Take-Off Time

Chand picked up prev. BT -> NO DATA Comments No dafa Too low? Notable 100 (au.) 1 29.59 29.14 28.93 29.25 31.76 28.91 (#secs x 1.5) MLD(m) Nex4 28.96 Sfc Temp. 25.87 28.62 神 租 27.31 25.93 29.37 29.19 1年 27.78 证明 阳 海 AXBT N/A **海鱼** 100843 Splash Time (HHMMSS) 043430 098213 104344 114632 01350 011011 113443 112659 911021 001/100 2/2 135030 123112 131111 Longitude (Decimal) 52.6 86.8 6. 18 86.0 86.8 85.8 86.5/ 85.7 86.5 84.8 85.2 84.5 83.8 P. 4.8 (Decimal) Latitude 23.0 74.7 23.2 25.0 25.5 23.7 24.7 24.0 23.4 23.2 24.8 23.3 24.5 24.4 25.6 (HHMMSS) Drop Time 806160 112720 123630 093159 122223 134740 094455 W5830 114320 130110 100105 04500 112123 105040 011511 P11101 Number Channel 2 77 12 27 2 2 2 27 71 2 77 7 2 77 2 Drop 6 2 13 9 9 00 2 五 N 1 5 15 7 = MPA DA MP CJ 30 RMM MP EP

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

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| n Direction/S _I | | Sfc Temp. MLD (m) AXBT (#secs x 1.5 | 海田 | 29.86 | 28.88 | | | | And a service of the | | | | | | | | | |
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| Storm IDA | Landing Time | Latitude (Decimal) | 24.8 | 24.7 | 24.7 | Ri tan iya'n pasiya saqab yanayi dasingki ayasada kasala kili bashi yana kasabasa kasabasa kasabasa kasabasa k | And the second s | | | | | | | | | | | |
| Flight Number 2021082811 | Take-Off Time 07:572 | Drop Tine (HHMMSS) | 140150 | 045141 | 142436 | entskritelenen omståkni aktoning at riven aktietis åt i am til omning i gjulig | i się roministracji pristo i spraciolaj praciolaj despracionaj desprac | ed-not materia en inano descenen es-assistante de sepecial de apecial de companyo | | | | | en men e speciel en | | And the second s | een eelle een lee voorsiep van bestep de voorspecke gebruik on de poorsie beste beste beste gewone beste beste | estendendinesten betre de en tendestende (datas oden skreute, potabeseet | |
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