



Site Log Sheet

RDI LONGRANGER ADCP (SELF CONTAINED)

| | | | |
|--|--|---|--------------------------|
| 1. IDENTIFICATION <i>(Essential reference to mooring log sheet with deployment details)</i> | | | |
| Contract No..... Contract Name..... Mooring Name..... Phase..... | | | |
| 2. INSTRUMENT SPECIFICATION AND CONFIGURATION | | | |
| ADCP serial no. | No. of battery packs | Battery packs secured | |
| CPU Firmware version | Battery supplier | O rings prepared | |
| Memory fitted (MB) | New battery capacity (Wh) | Silica gel applied | |
| Head depth rating (m) | New batteries fitted | ADCP correctly fitted in frame | |
| Housing depth rating (m) | Remaining battery life (days) | Planned orientation | |
| Battery type | Measured voltage | Comms setting e.g.RS232,9600,N,8,1 | |
| 3. PLAN | | | |
| Power | Mode | Data storage | |
| Choices | | Consequences | |
| Deployment Duration (days) | | First Bin Range (m) | |
| Interval (hh:mm:ss) | | Last Bin Range (m) | |
| Salinity (ppt) | | Max range (m) | |
| Temperature | | Battery Usage (Wh) | |
| Pings Per Ensemble | | Temperature (Deg C) | |
| Number of Bins | | Standard Deviation (cm/s) | |
| Bin Size (m) | | Byte Ensembles | |
| | | Storage Required (MB) | |
| Advanced settings | | Expert settings | |
| Transducer Depth (m) | | Blank after transmit (m) | |
| Magnetic Variation (deg) | | Ambiguity velocity | |
| Ping interval (secs) | | | |
| Ping immediately After Deployment | | | |
| Time and Date of 1st ping | | | |
| 4. START UP | | | |
| Set ADCP's Clock - set to GMT <input type="checkbox"/> | Commands sent to ADCP <input type="checkbox"/> | Details on mooring log sheet <input type="checkbox"/> | |
| Compass Verification <input type="checkbox"/> | ADCP pinging audible | | |
| Pre-deployment Tests <input type="checkbox"/> | Final .whp filename | | |
| zero pressure sensor <input type="checkbox"/> | Files backed up | | |
| Memory erased <input type="checkbox"/> | In water test conducted | Initials | Date |
| 5. RECOVERY | | | |
| Switch off date and time (GMT) | Data filename | Data backed up | <input type="checkbox"/> |
| | Internal clock error | | |
| SC data recovered <input type="checkbox"/> | Data inspected and satisfactory <input type="checkbox"/> | Initials | Date |
| NOTES | | | |

Every field must be complete and all boxes must be ticked. Circle selected options and strikethrough others.

Further details of each step in Site Technical Instructions (TI) [.\Site_Technical_Instructions\SiteTI_RDI_LR_ADCP_SC.doc](#)