



## Site Log Sheet

### RDI LONGRANGER ADCP (SELF CONTAINED)

#### 1. IDENTIFICATION *(Essential reference to mooring log sheet with deployment details)*

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
<b>Choices</b>		<b>Consequences</b>
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) .....
<b>Advanced settings</b>		<b>Expert settings</b>
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](#)