

CRADCPUWReadmef.pdf

UW ADCP data:

1. Mooring: N3S 1200 kHz no valid directions
2. Mooring: S3S 150 kHz at 30 m; looks up
3. Mooring: K3S 300 kHz surface; looks down

S3S 150 kHz

1. All values have been adjusted from magnetic North to true North; angle = 19.6 degrees
2. Time base is Pacific Standard
3. Blank after transmit: 4 m
4. Bin size: 2 m
5. Pings per ensemble: 2200
6. Time between pings: 00 01 63 (mm ss ss)
7. Time between ensembles (delta-T): 60 minutes
8. File name: CR_UWDOP_S3.txt
9. First bin centered at approximately 25 m, looks upward
10. FORMAT:

Values are text tab delimited

Column 1= scan number

Column 2= Date, Time mm/dd/yy hh:mm

Column 3= Temperature, degrees C, at heads, approximately 30m

Column 4-end u,v pairs (cm/sec) by bins. Bin 1, closest to the heads, in columns 4,5, bin 2 u,v in columns 6,7, etc. Bins close to the surface and out of water have not been trimmed.

K3S 300 kHz

1. All values have been adjusted from magnetic North to true North; angle = 19.6 degrees
2. Time base is Pacific Standard
3. Blank after transmit: 2 m
4. Bin size: 1 m
5. Pings per ensemble: 1800
6. Time between pings: 00 01 98 (mm ss ss)
7. Time between ensembles (delta-T): 60 minutes
8. File name: CR_UWDOP_K3.txt
9. First bin centered at approximately 4.3 m, looks downward
10. Bottom depth: 55m
11. Array broke free approximately 12/18/90
12. FORMAT:

Values are text tab delimited

Column 1= scan number

Column 2= Date, Time mm/dd/yy hh:mm

Column 3= Temperature, degrees C, at heads, approximately 2m

Column 4-end u,v pairs (cm/sec) by bins. Bin 1, closest to the heads, in columns 4,5, bin 2 u,v in columns 6,7, etc. Bins close to the bottom have not been trimmed.