

RDI ADCP Survey – Instrument Setup

Date: 8/3/18

Site: YK180803 CONST GUARD CG

Vessel/Mounting Style: Bow R/V Heron

VIMS number 15438

Serial number 602

Setup dialog: (sections below)

1. Site information

Station Name: YK180803

2. Rating Information (skip)

3. Configuration dialog

Ext. GPS Connected

Max Water Depth (m) (3.00) 5.0

Secondary Depth (m) (1.00) 1.0

Max Water Speed (m/s) (0.5) 0.5

Max Boat Speed (m/s) (0.5) 0.5

Transducer Depth (m) (0.1) _____

Streambed: (Sand) ✓

Mag. Variation: (30) _____

Bottom Mode: (Auto) ✓

***** Water Mode: **Mode 12 Custom** (click)



| |
|---|
| Bin size (m) (0.10) <u>✓</u> |
| <input checked="" type="checkbox"/> Compute (click) |

4. Output filename options

Filename Prefix: YK180803

Output Directory: C://1200kHzADCP/ YK180803

5. Commands Preview

WM12 is on the list

6. Summary

Water Mode: 12

Bottom Mode: 5

Update Rate: 1.0

Bin Size (cm): 10

Number of Bins 60

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|--------------------------------------|
| Mode 12 |
| Subpings: <u>18</u> |
| Time between subpings (ms): <u>4</u> |
| Time per ensemble: <u>1.5</u> |

Set Clock