

RDI ADCP Survey – Instrument Setup

Date: 07/11/18

Site: Clay Bank YR180711

Vessel/Mounting Style: RV Henson port side on bow

VIMS number 15438

Serial number 602

Setup dialog: (sections below)

1. Site information

Station Name: Clay Bank

2. Rating Information (skip)

3. Configuration dialog

Ext. GPS Connected

Max Water Depth (m) (3.00) 5.00

Secondary Depth (m) (1.00) 1.00

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

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

Transducer Depth (m) (0.1) 0.1

Streambed: (Sand) Mud

Mag. Variation: (30) 30

Bottom Mode: (Auto) Auto

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



| | |
|---|----------------|
| Bin size (m) (0.10) | <u>0.10</u> |
| <input checked="" type="checkbox"/> Compute (click) | <u>61 bins</u> |

4. Output filename options

Filename Prefix: YR180711

Output Directory: C://1200kHzADCP/measurements/YR180711-0

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 61

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

Set Clock

F4 to start pinging