

RDI ADCP Survey – Instrument Setup

Date: 7/26/18

Site: Lower York River - Past Sarah's Creek - YR180720

Vessel/Mounting Style: Heron - mounted on port bow

VIMS number 15438

Serial number 602

Setup dialog: (sections below)

1. Site information

Station Name: YR180720

2. Rating Information (skip)

3. Configuration dialog

Ext. GPS Connected

Max Water Depth (m) (3.00) 5.00 m 6m

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) 31.7

Bottom Mode: (Auto)

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



Bin size (m) (0.10)	<u>0.1</u>
<input checked="" type="checkbox"/> Compute (click)	

4. Output filename options

Filename Prefix: YR180720

Output Directory: C:/1200kHzADCP/ YR180720

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: 73

Mode 12	
Subpings:	<u>18</u>
Time between subpings (ms):	<u>4</u>
Time per ensemble:	<u>1.6</u>

Set Clock

RDI ADCP Survey – Instrument Setup

Date: 7/26/18

Site: YR180726 - Gloucester Point - NWS

Vessel/Mounting Style: Heron - port bow

VIMS number 15438

Serial number 602

Setup dialog: (sections below)

1. Site information

Station Name: YR180726

2. Rating Information (skip)

3. Configuration dialog

Ext. GPS Connected

Max Water Depth (m) (3.00) 10.00

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)

Mag. Variation: (30) 36.7

Bottom Mode: (Auto)

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



Bin size (m) (0.10) 0.2

Compute (click)

4. Output filename options

Filename Prefix: YR180726

Output Directory: C:/1200kHzADCP/ _____

5. Commands Preview

WM12 is on the list

6. Summary

Water Mode: 12

Bottom Mode: 5

Update Rate: 1.0

Bin Size (cm): 20

Number of Bins 01

Mode 12

Subpings: 15

Time between subpings (ms): 4

Time per ensemble: 1.5

Set Clock