

RDI ADCP Survey – Instrument Setup

Date: 8/7/18

Site: YR180807 Pamunkey River

Vessel/Mounting Style: Arrow / Bow

VIMS number 15438

Serial number 602

Setup dialog: (sections below)

1. Site information

Station Name: YR180807

2. Rating Information (skip)

3. Configuration dialog

Ext. GPS Connected

Max Water Depth (m) (3.00) 5

Secondary Depth (m) (1.00) 1

Max Water Speed (m/s) (0.5) ✓

Max Boat Speed (m/s) (0.5) ✓

Transducer Depth (m) (0.1) ✓

Streambed: (Sand) MUD

Mag. Variation: (30) 31.7

Bottom Mode: (Auto) 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: YR180807

Output Directory: C://1200kHzADCP/ YR180807

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

Mode 12	
Subpings:	<u>15</u>
Time between subpings (ms):	<u>4</u>
Time per ensemble:	<u>15</u>

7 Forget to record

Set Clock