



U.S. GEOLOGICAL SURVEY
ADVM INSTALLATION AND SETUP FORM

August 2011

Station No.	Station Name				
Date Installed	Installed by				
Mfgr/Model	Acoustic Freq.	Firmware Ver.	Serial #	HIF #	USGS W #
ADVM Mounted on				Cable Length	
LB / RB / Other (describe):				ft / m	
Initial Beam Check Filename		Boundary Reflection Identified?			
		at ft / m			
Water Temp	ADVM Temp	Salinity	ADVM Sal.	Deploy Sensor	SDI-12 Address
				SDI-12 or Auto.	
ADVM Date	ADVM Time	Deployment Name		Orientation correction	
	Set @:			Yes or No	
Heading	Pitch	Roll	MagVar	Depth	Press. Depth

Mid-transducer Face Depth					
Stage	minus	Depth to Transducers	equals	Transducer stage	
	-		=		
Elevation of ADVM above streambed:			ft or m		

SonTek ADVM Configuration					
<i>Note: White Molex connector (jumper) <u>connected</u> for RS-232 communications and <u>unplugged</u> for SDI-12 communications</i>					
Output Format	Recorder	Averaging Int. (AI)	Sampling Int. (SI)	PowerPing	
		sec.	sec.	On	Off
Cell Begin (CB)	Cell End (CE)	Blank (BD)	Cell Size (CS)	# of Cells	

Teledyne RD Instruments ChannelMaster Configuration						
Blanking Distance	No. of Cells (WN)	Cell Size (WS)	Water Pings (WP)	Measurement Interval	Time between pings (TP)	Cells Used for Index
				sec.		
Other Commands/Info						

Comments:	

