



US9001 ULTRASONIC SENSOR QUICK START GUIDE

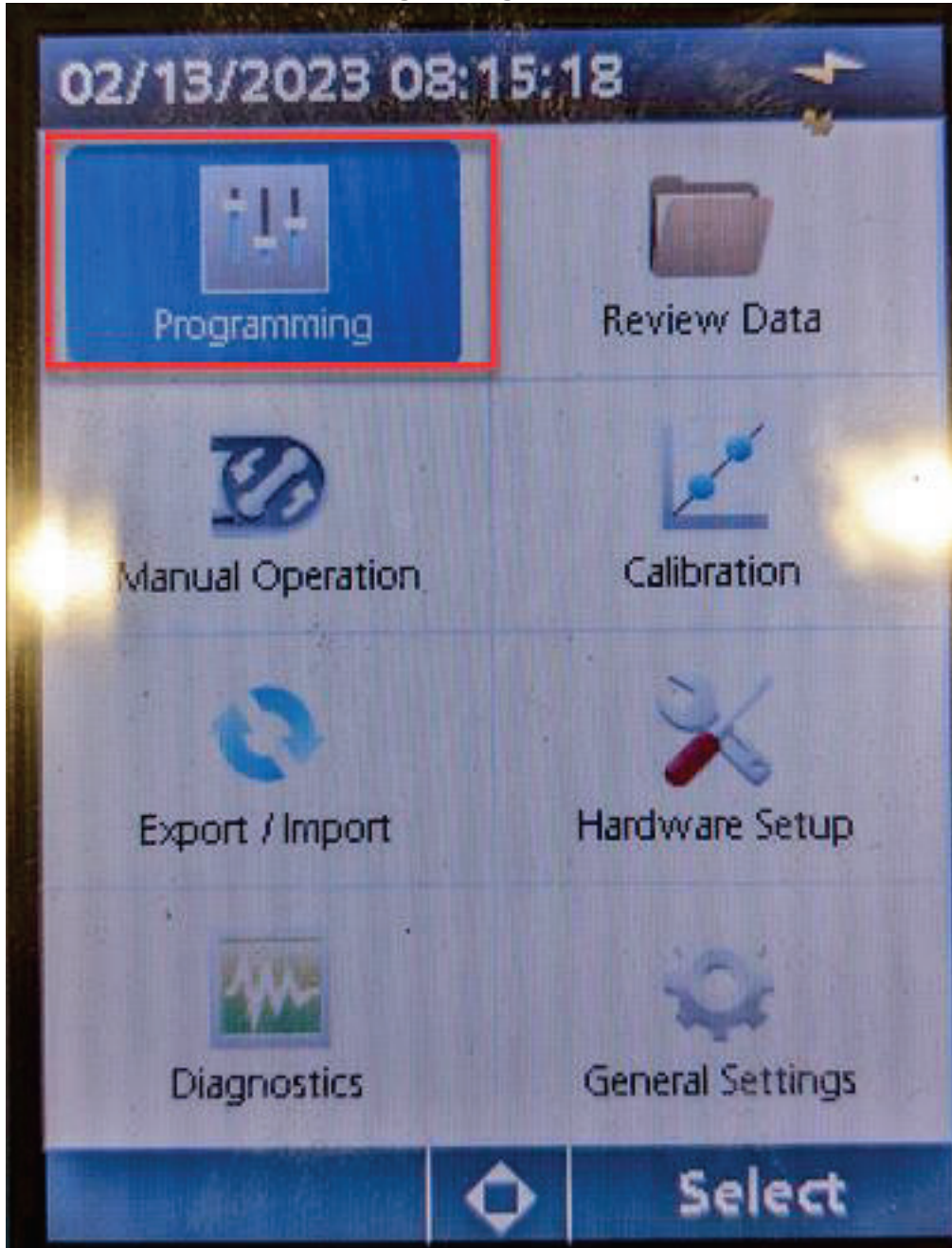


Be Right™

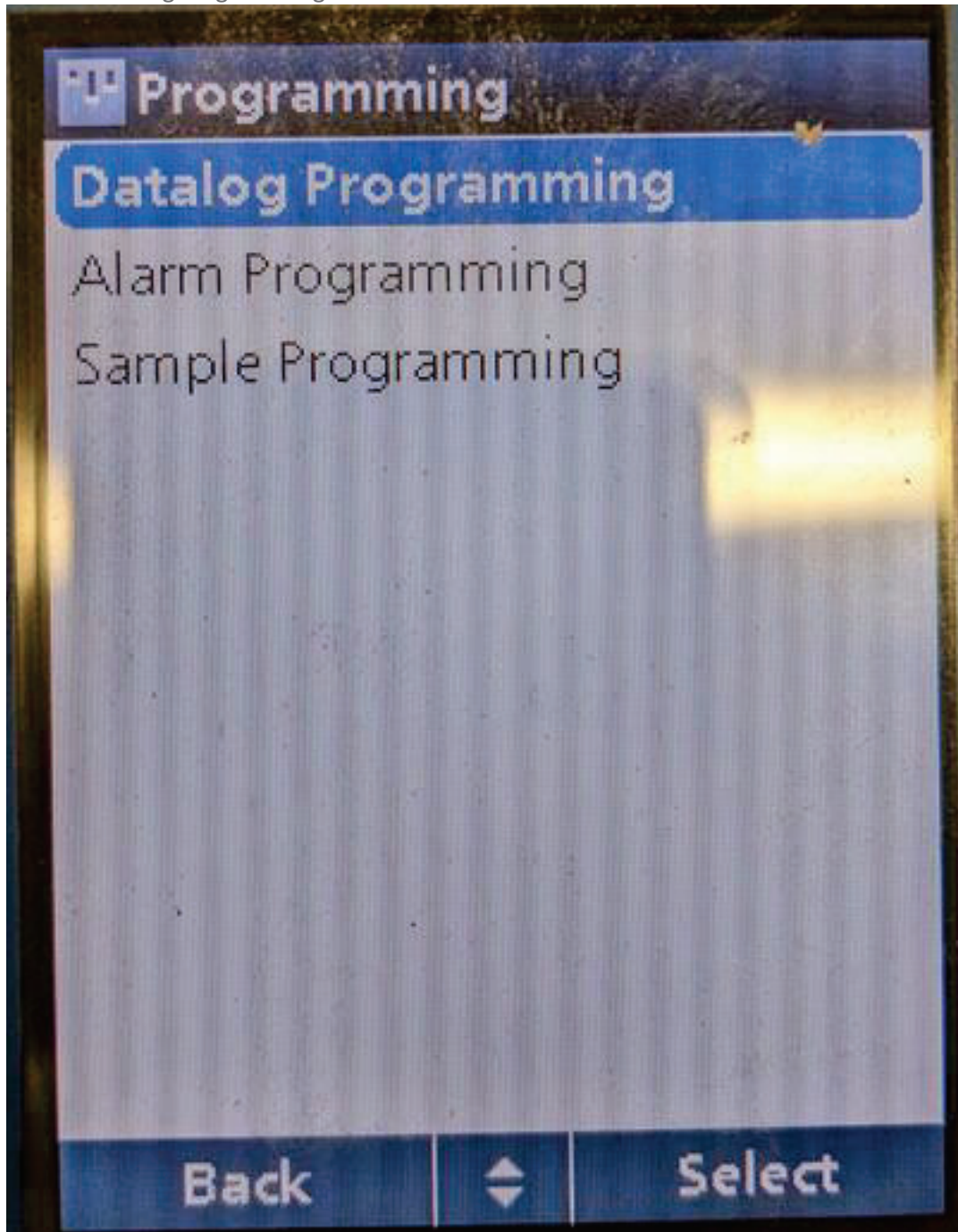
AS950 and US900X Quickstart Guide

Step 1 – Configure Sensor Port Assignment and Logging

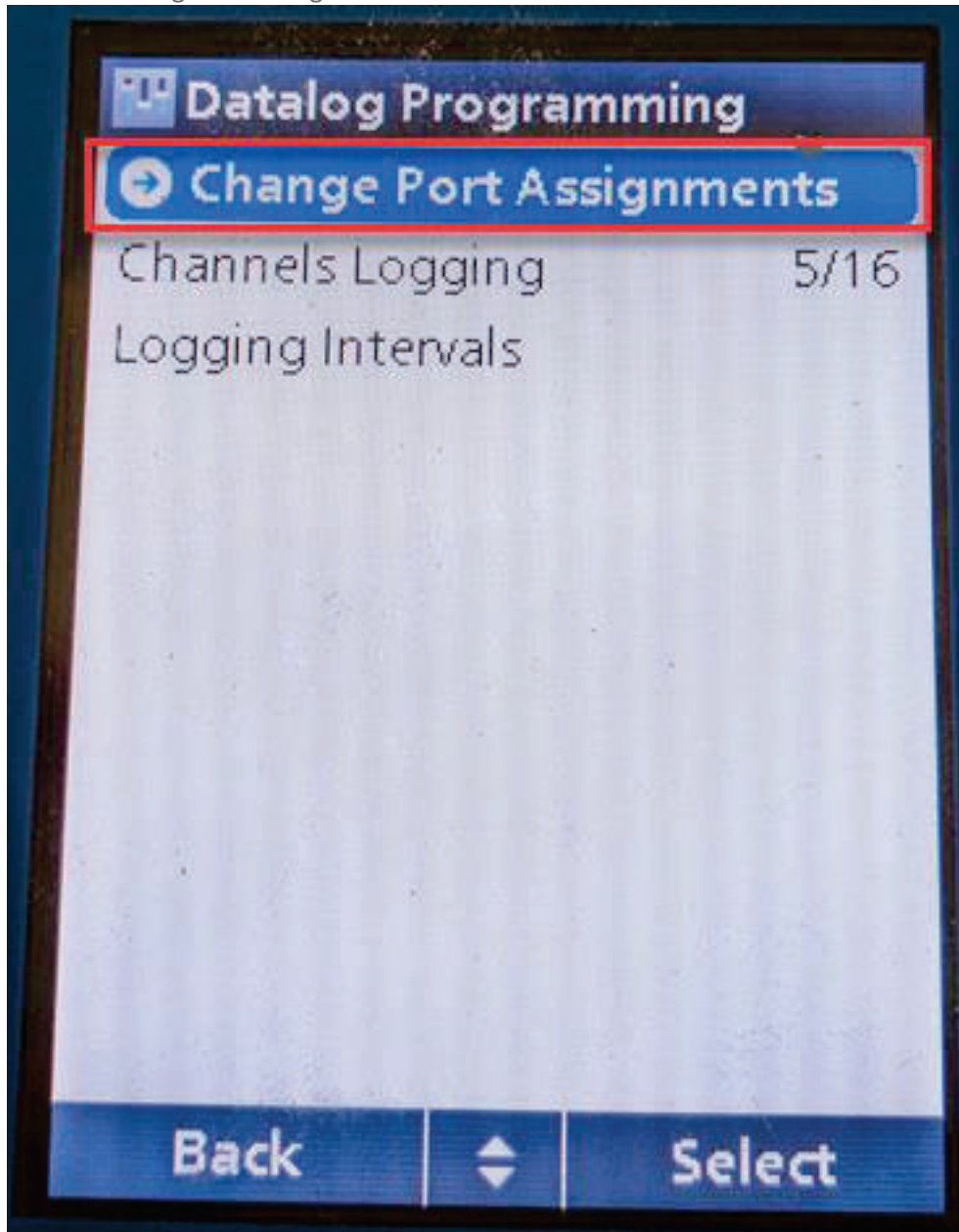
From the Main Menu, choose “Programming”



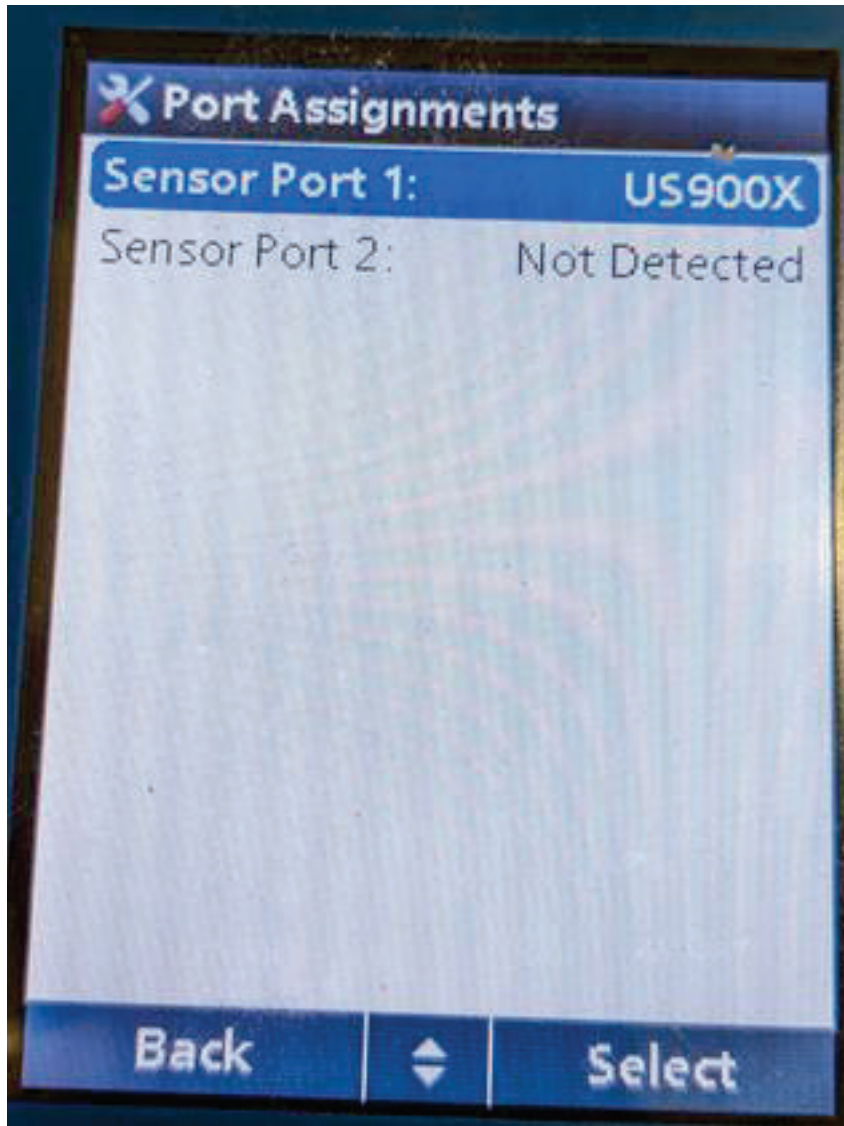
Choose Datalog Programming



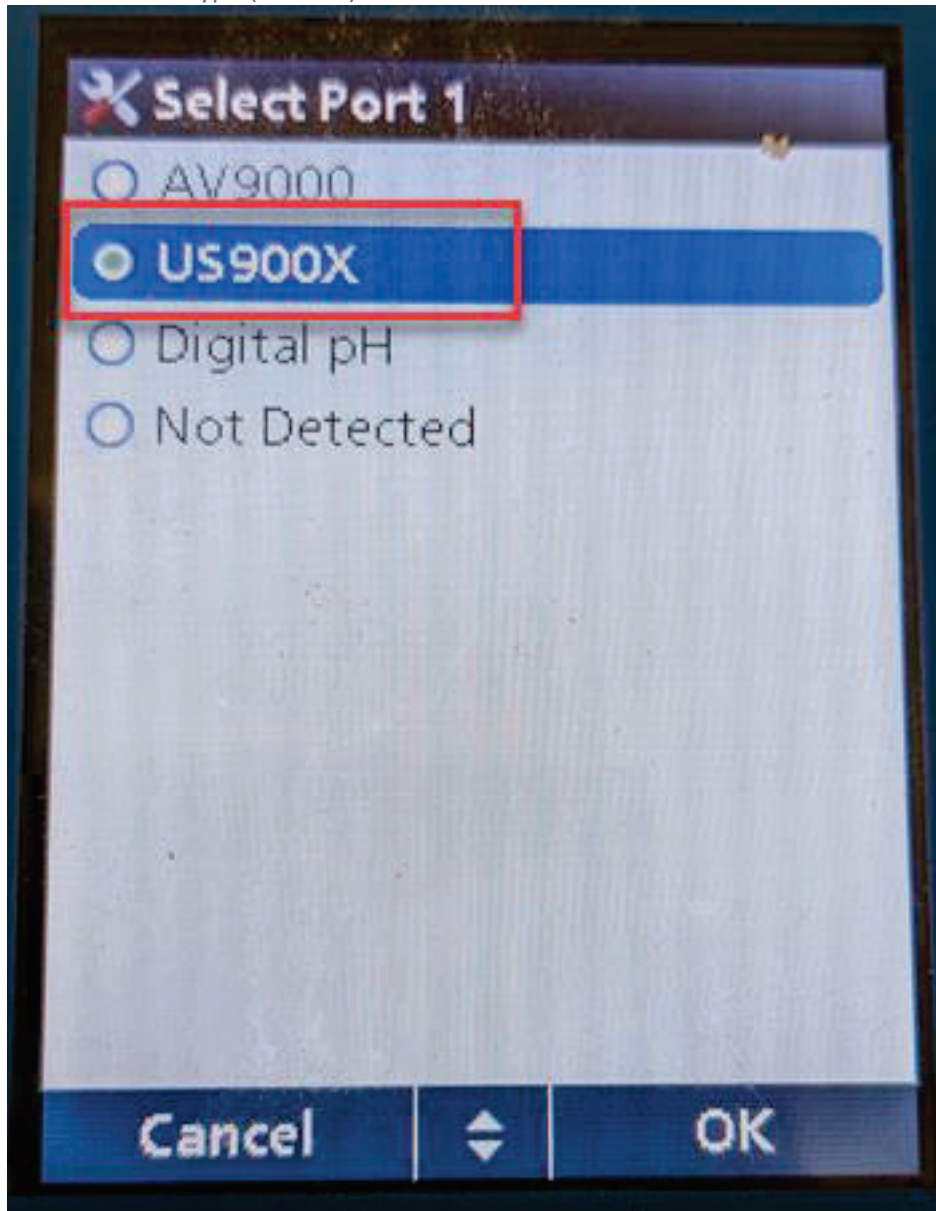
Choose "Change Port Assignments"



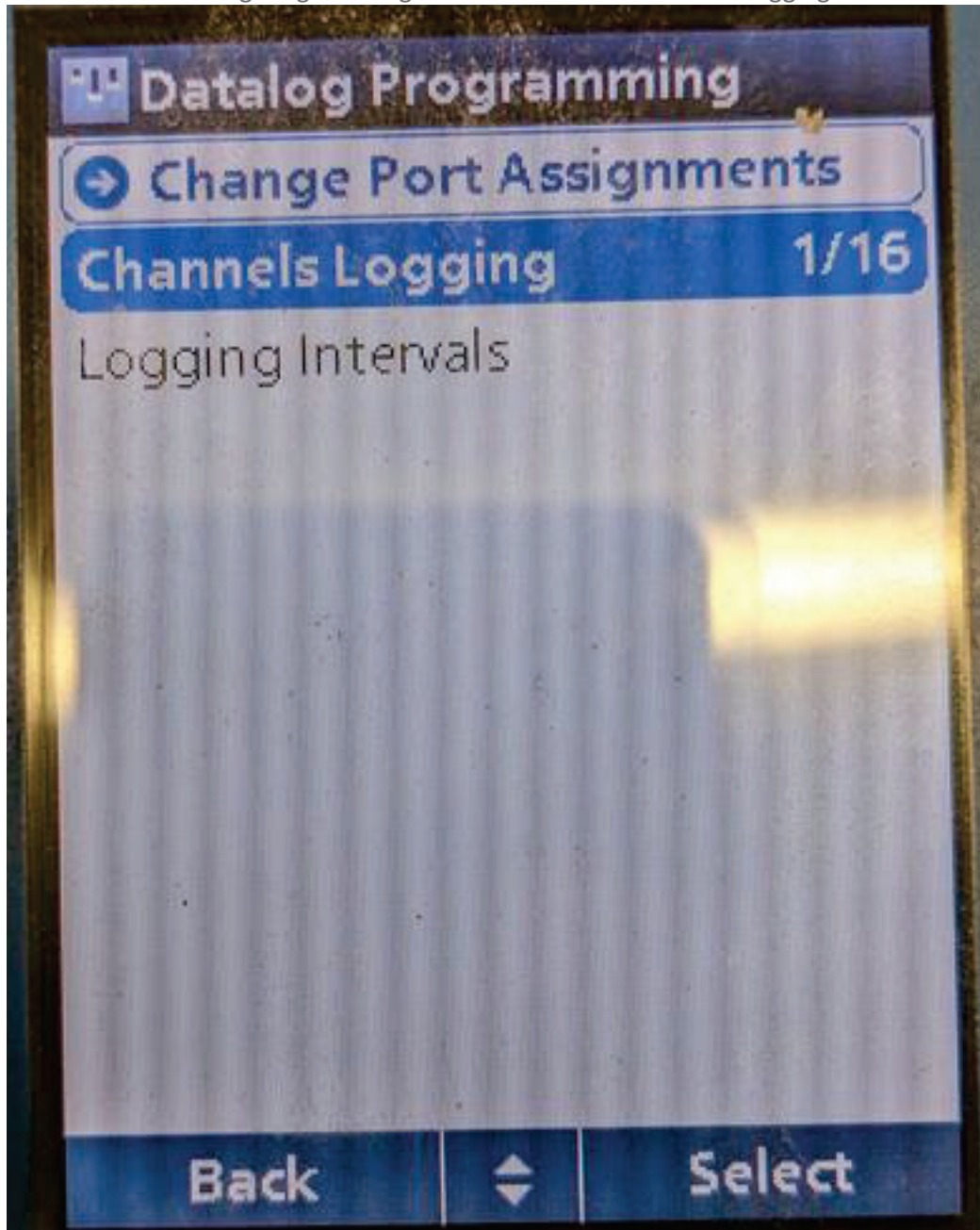
Select the sensor Port the sensor is connected to



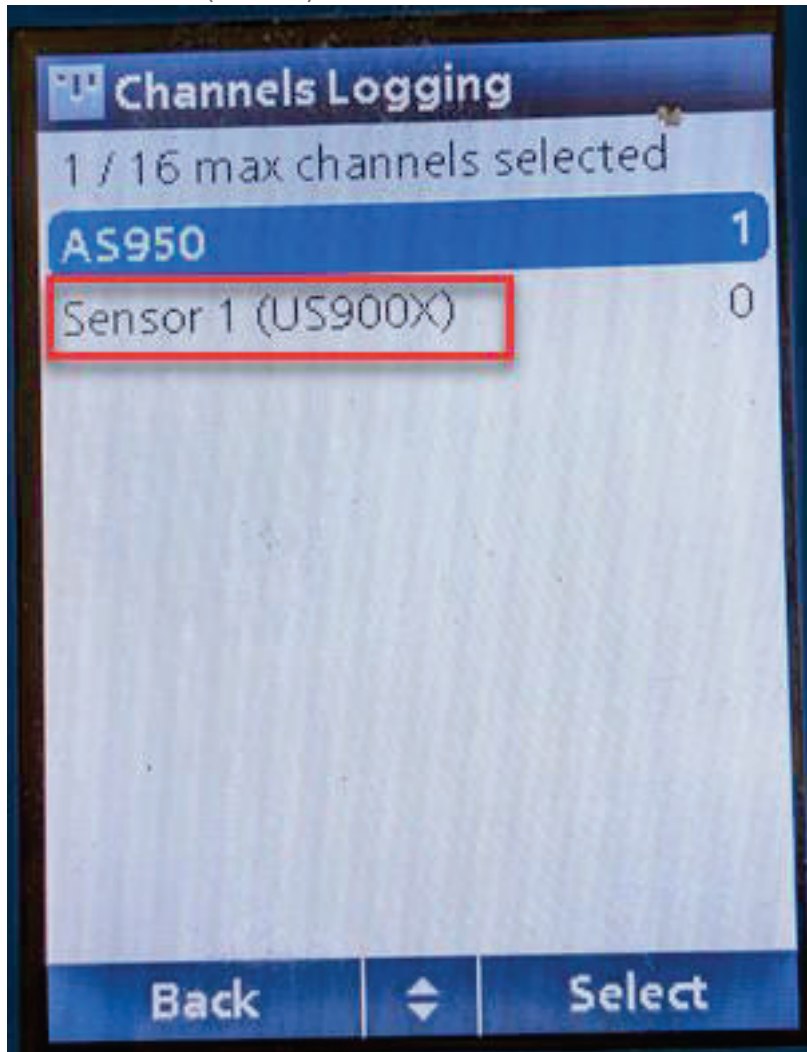
Choose Sensor type (US900X)



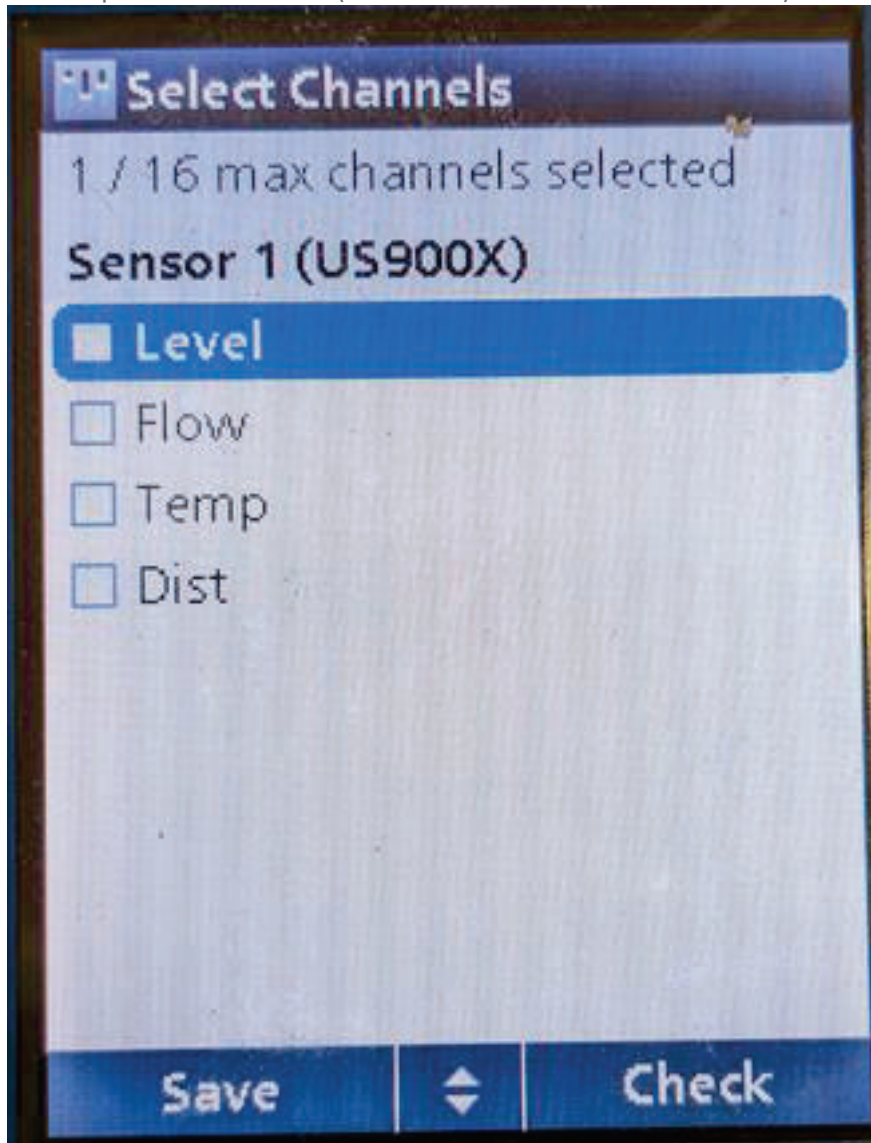
Return to the Datalog Programming menu and choose “Channels Logging”



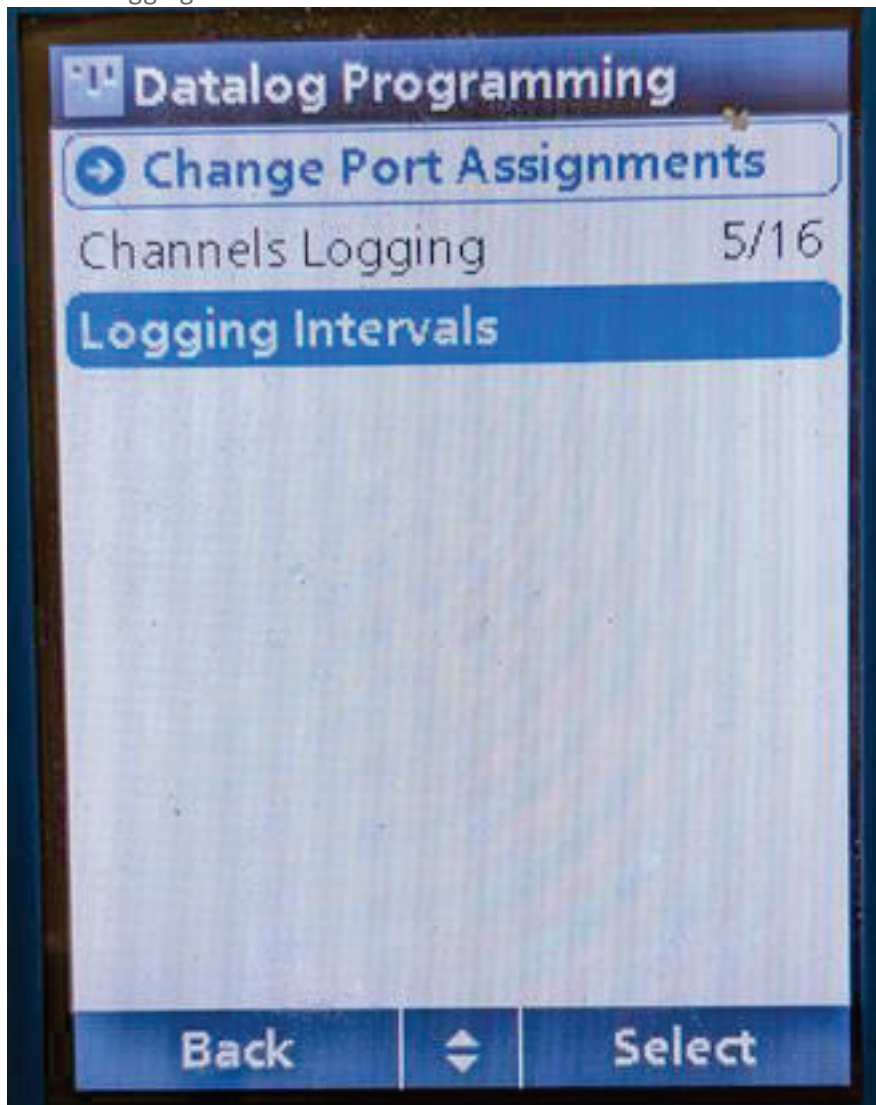
Select "Sensor 1 (US900X)"



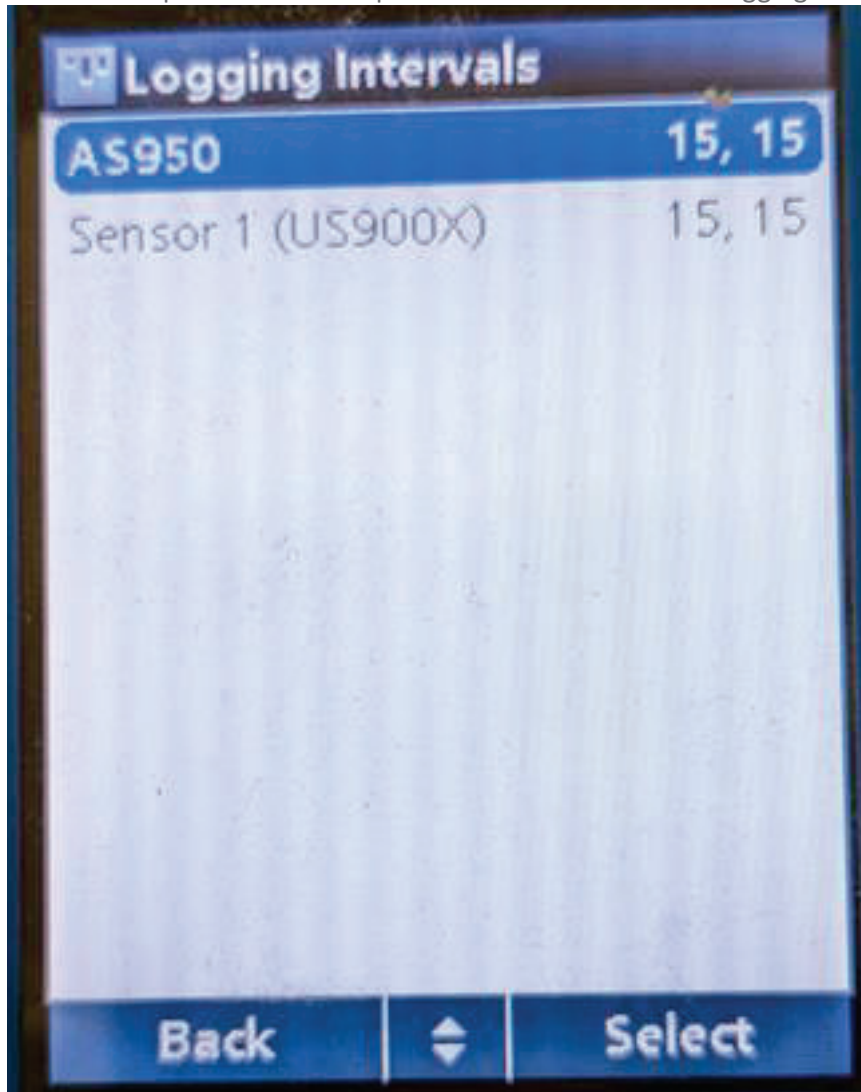
Choose preferred channels (choose Level and Flow at a minimum) and click save



Choose Logging Intervals

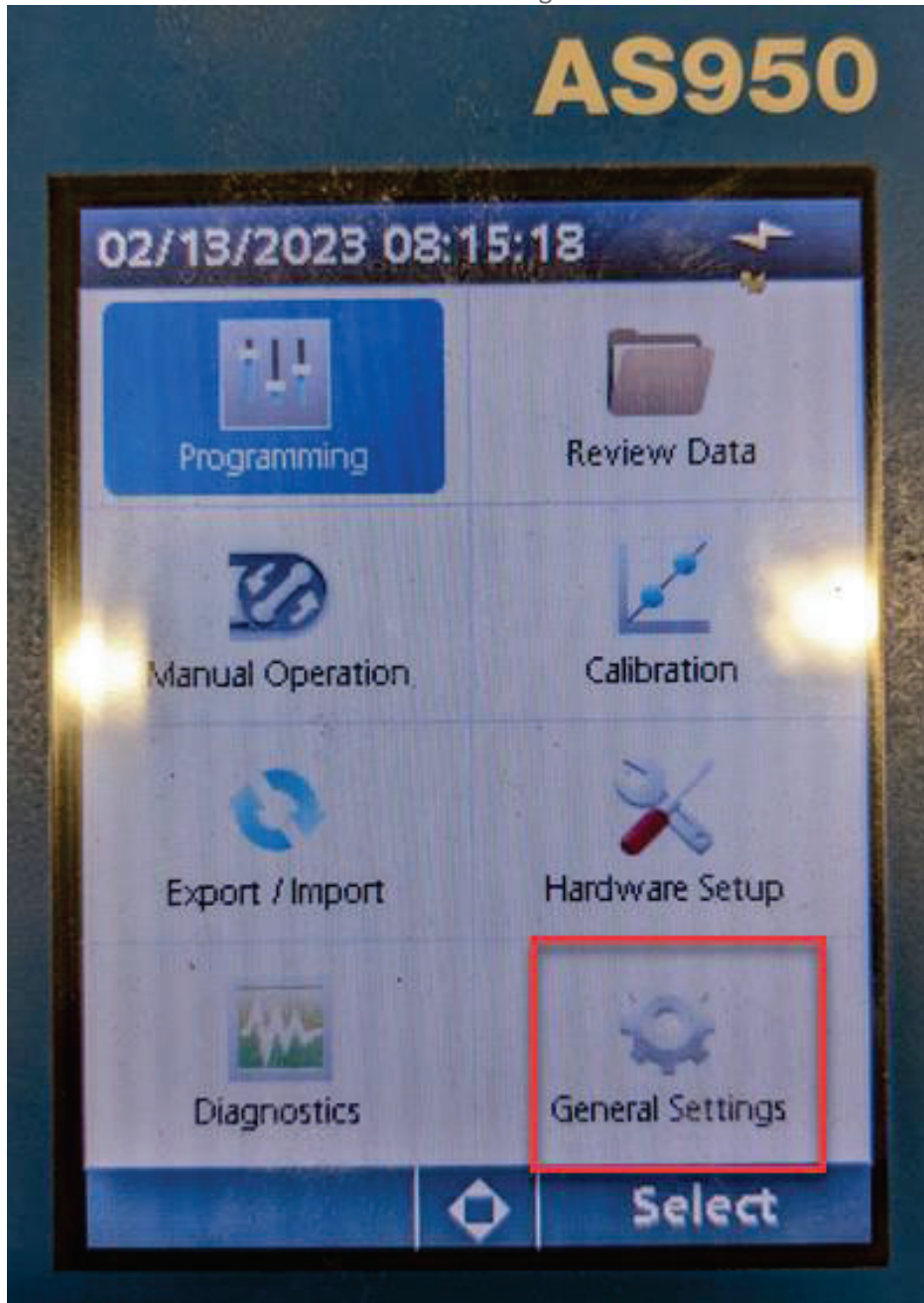


Select each option and choose preferred measurement and logging interval.

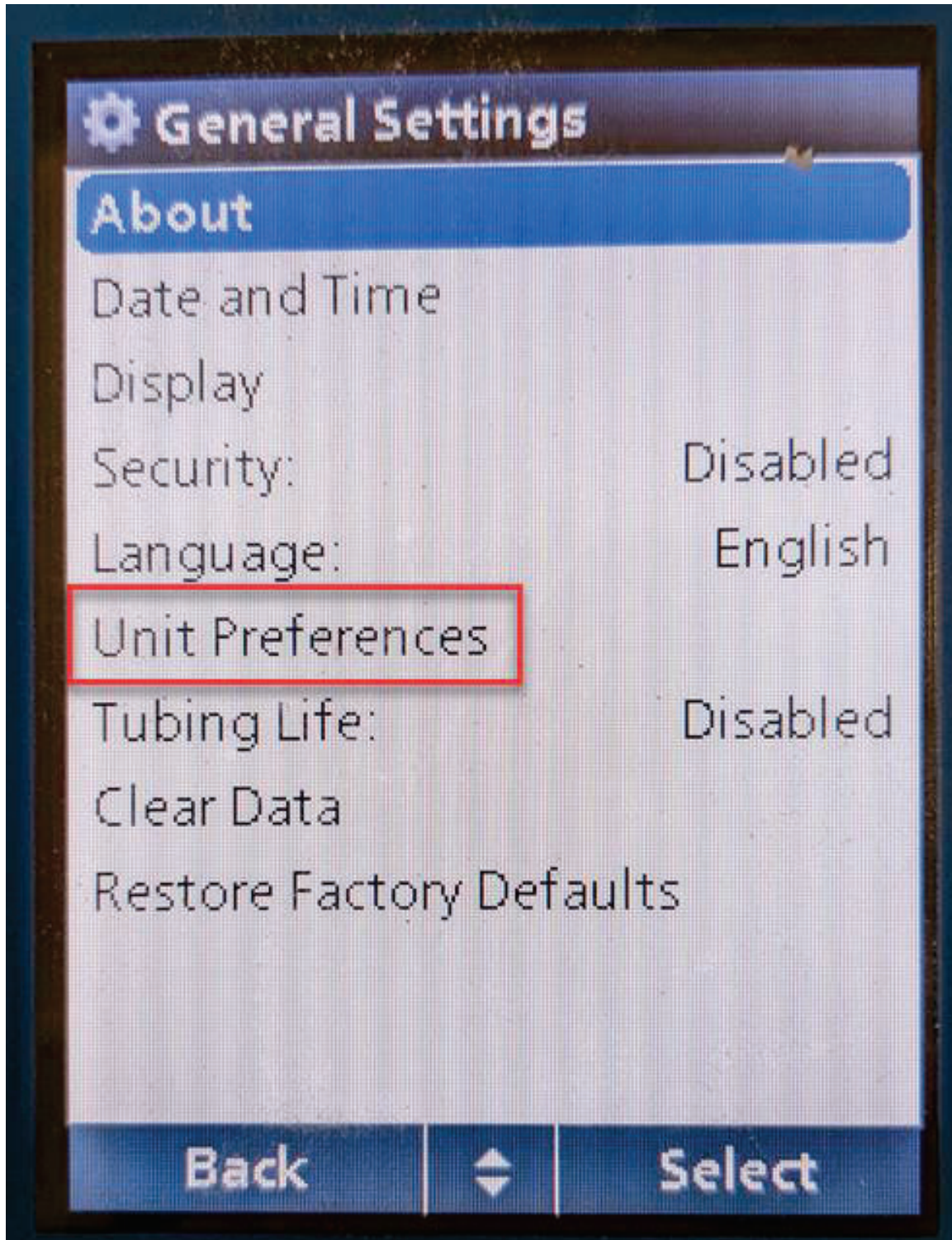


Step 2 – Configure Preferred Units

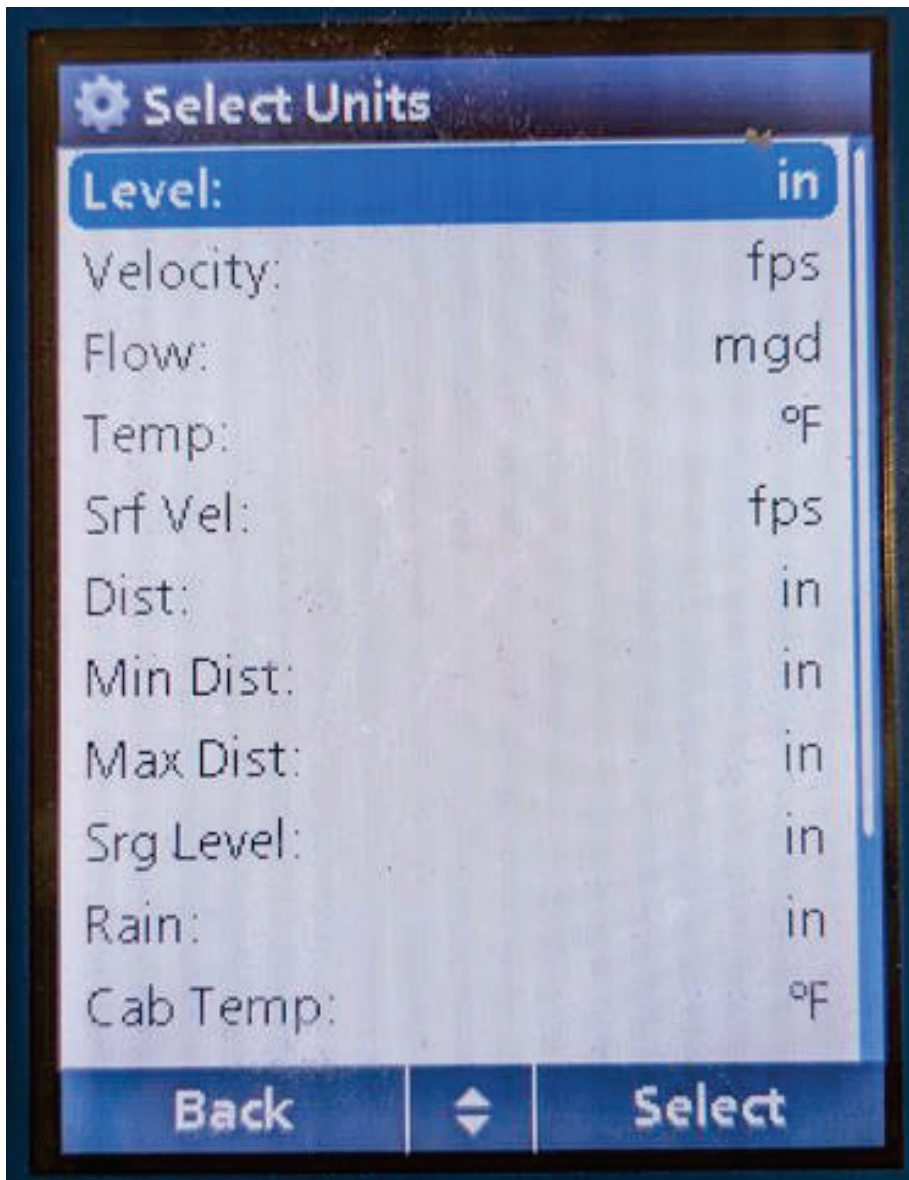
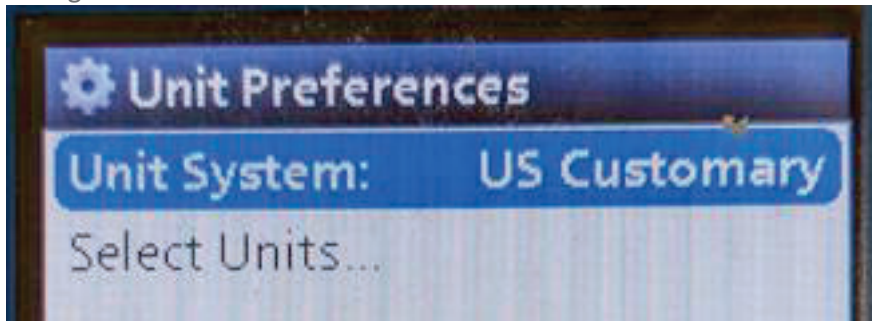
From the Main Menu choose “General Settings”



Choose "Unit Preferences"

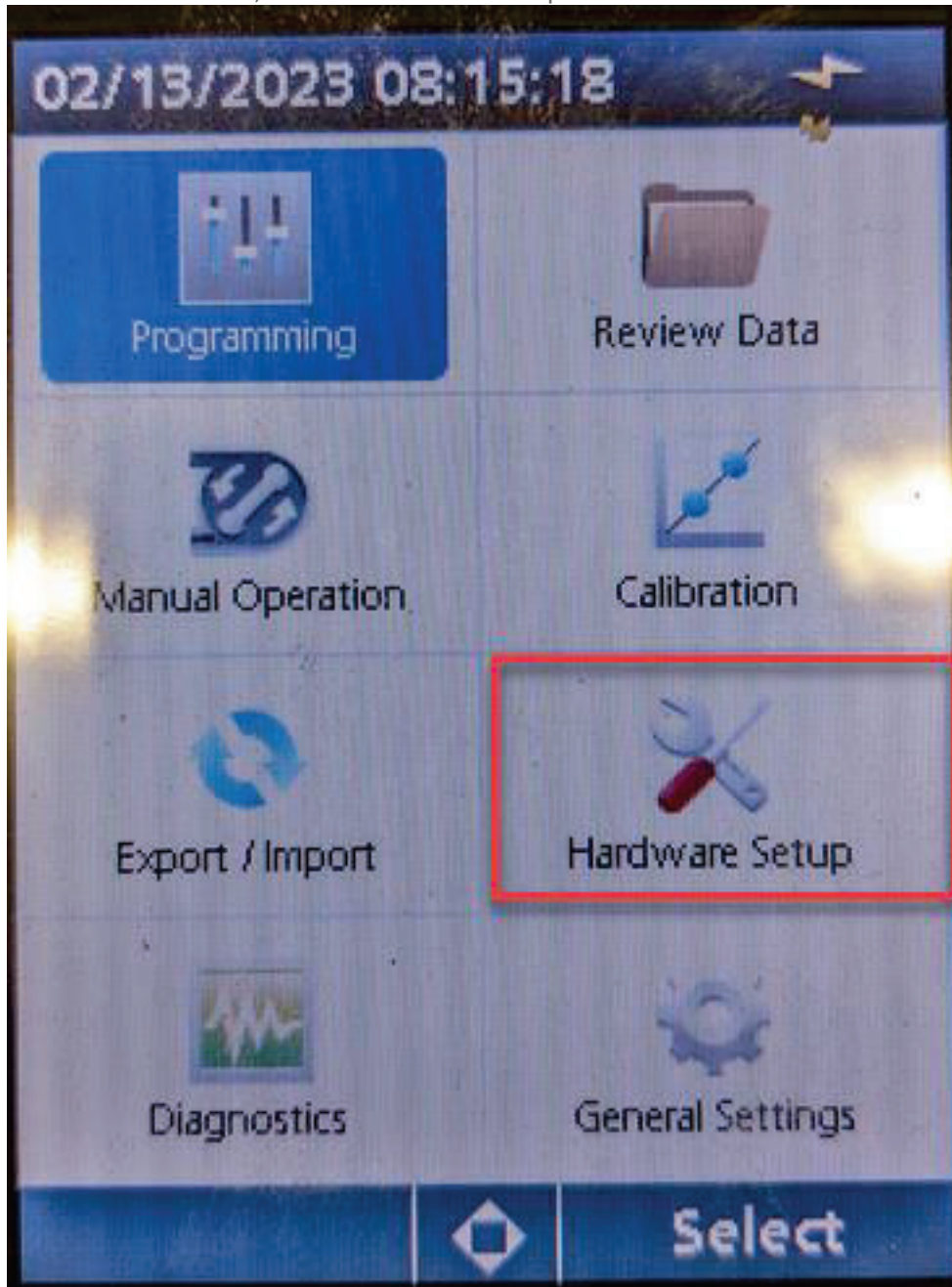


Configure "Preferred Units" Under "Select Units"

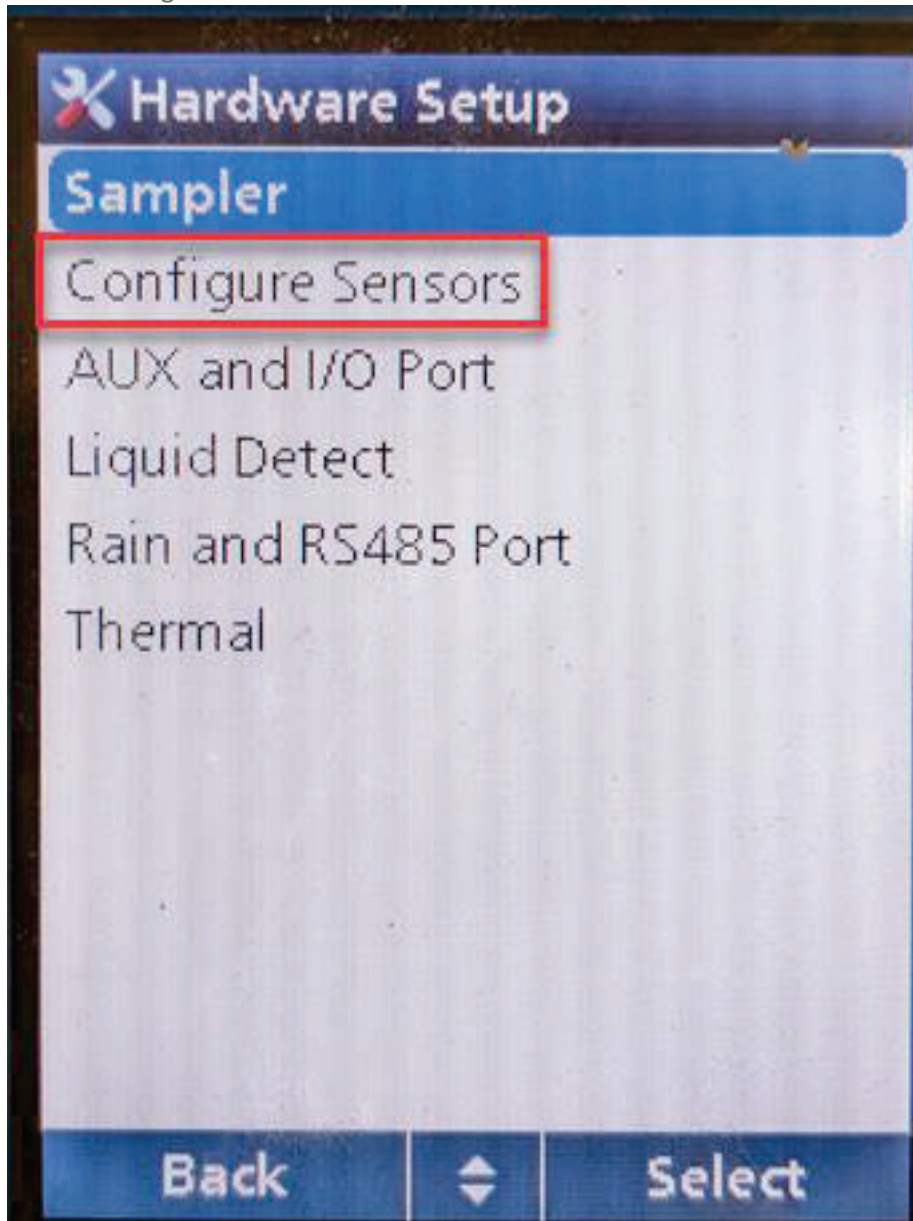


Step 3 – Configure Sensor Port

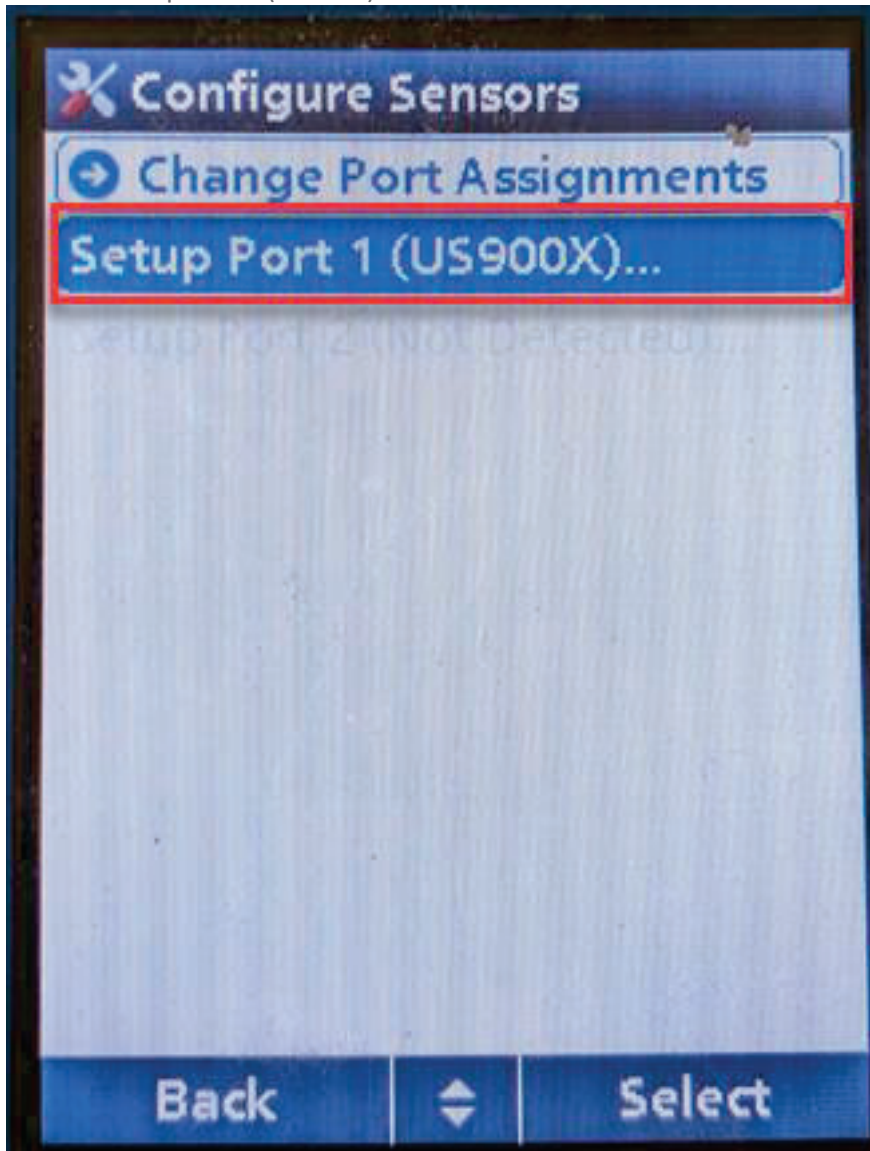
From the Main Menu, choose “Hardware Setup”



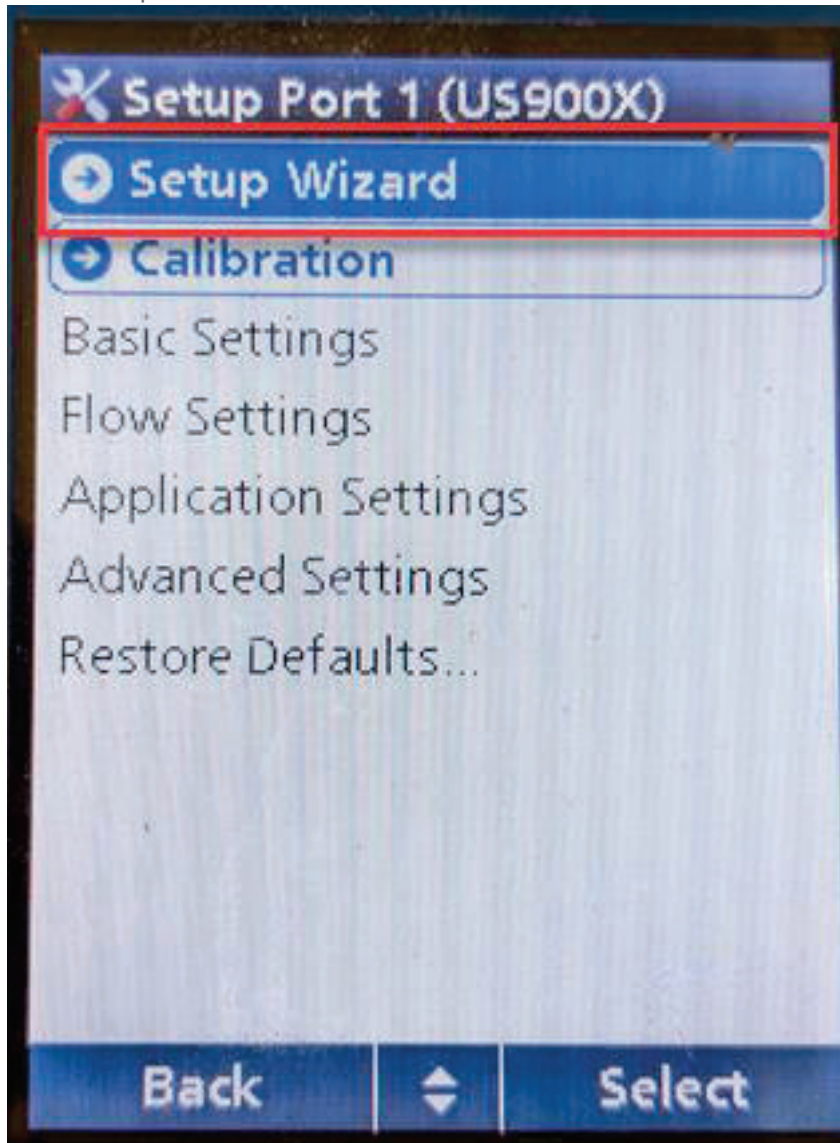
Select "Configure Sensors"



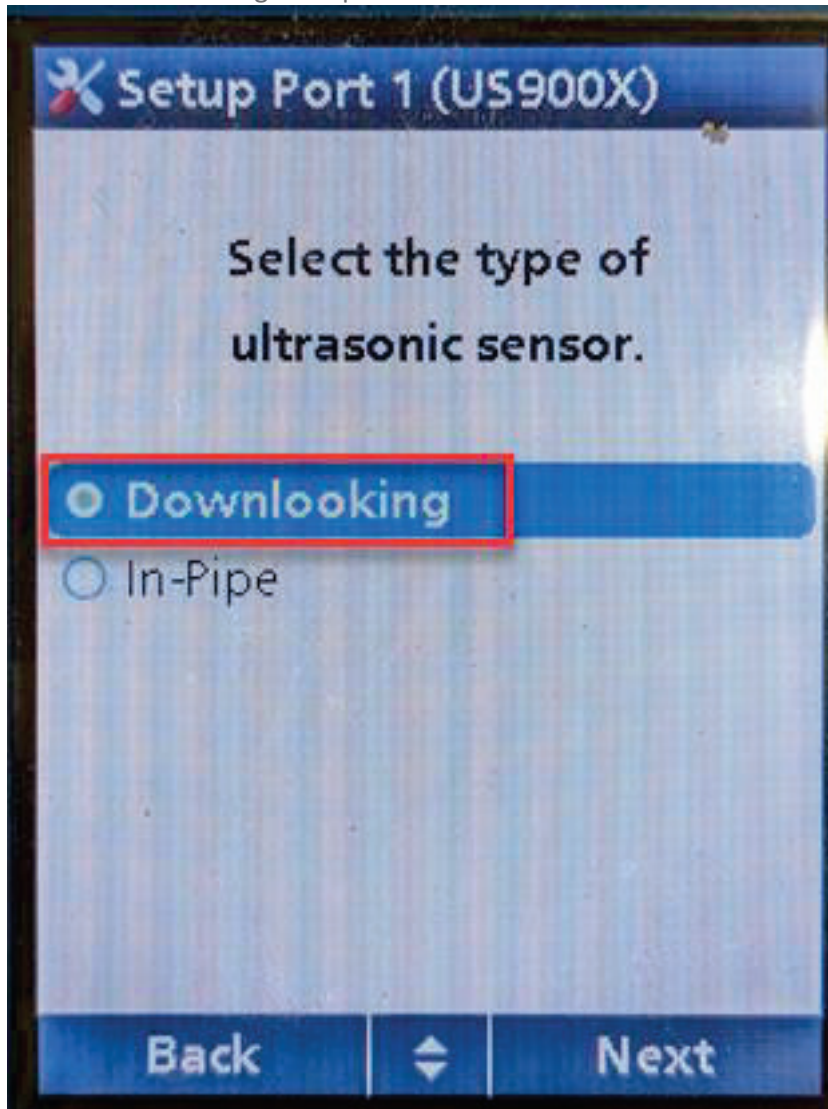
Choose "Setup Port 1 (US900X)"



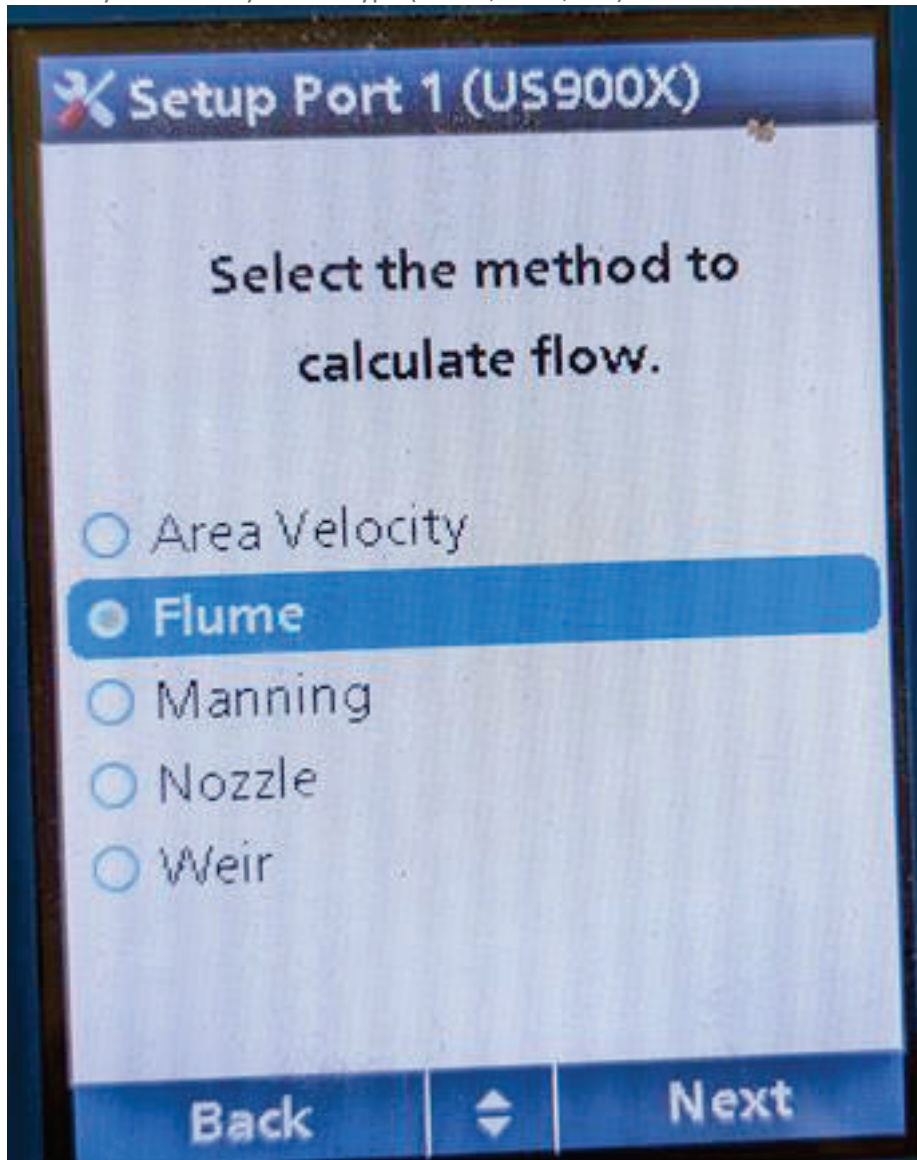
Select Setup Wizard



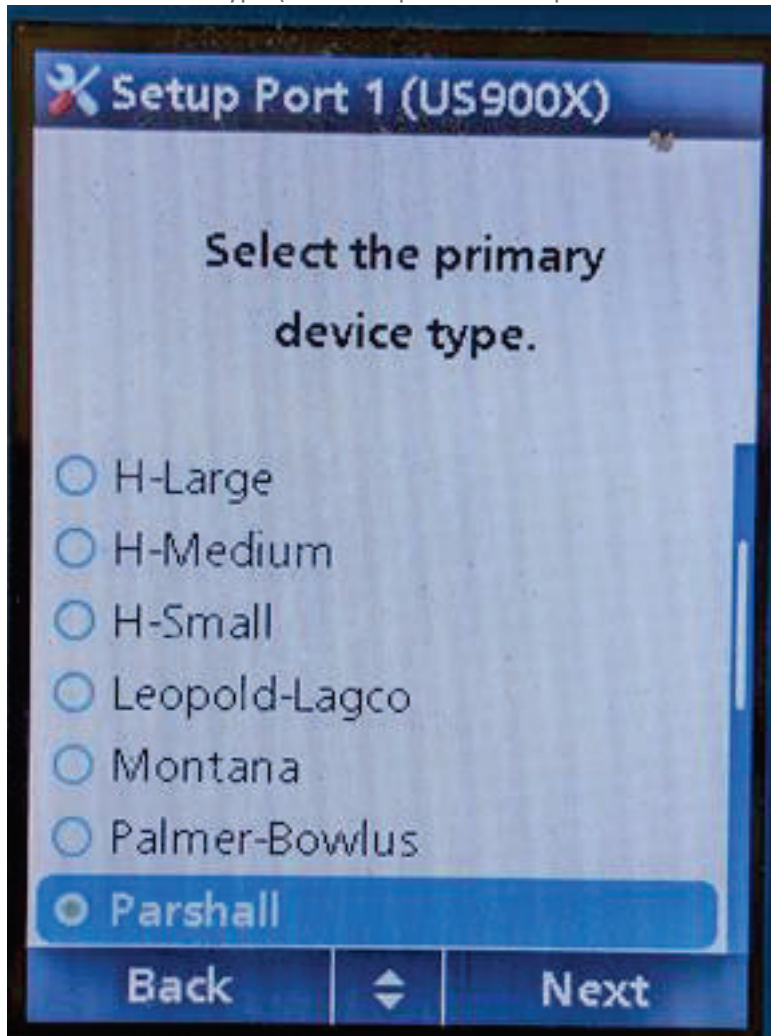
Choose "Downlooking" and press "Enter"



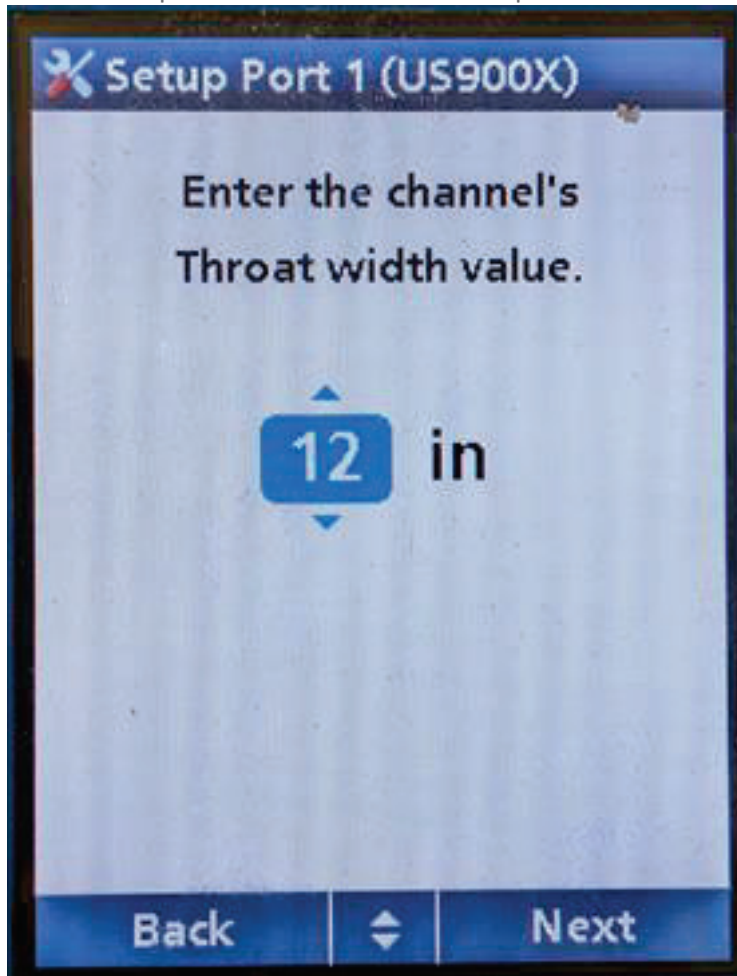
Choose your Primary Device type (Flume, Weir, etc)



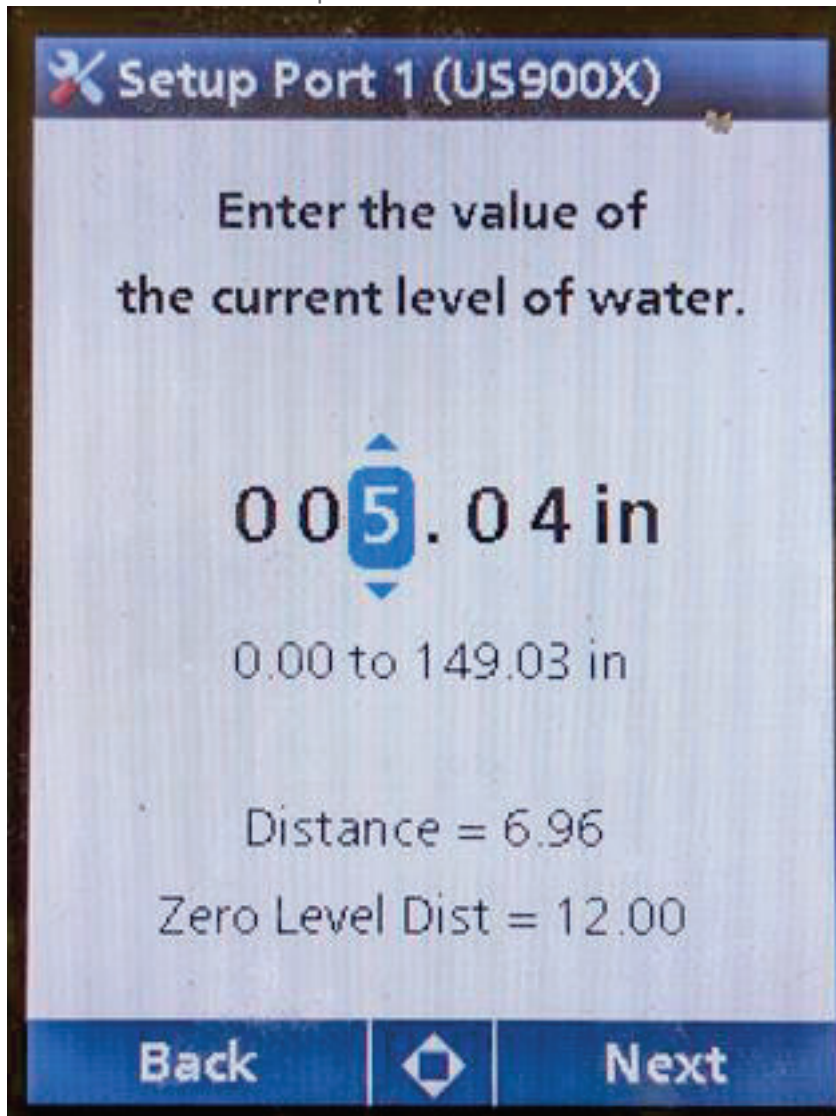
Select the device type (for a complete list of options refer to the AS950 Controller user manual)



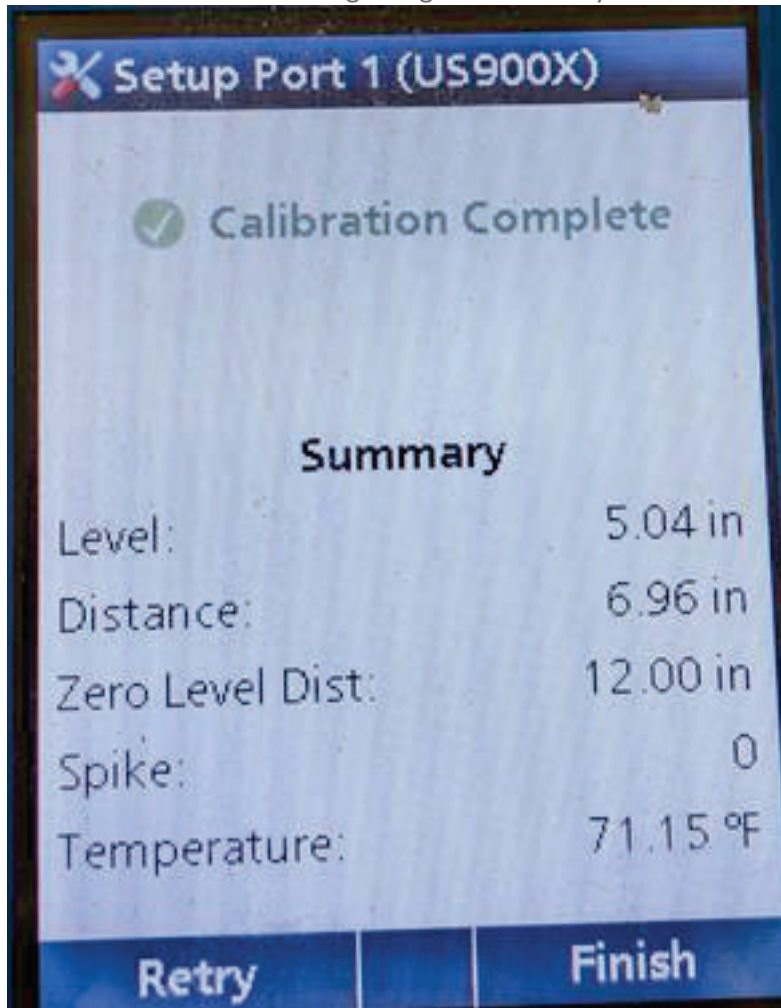
Enter the required Channel dimensions requested



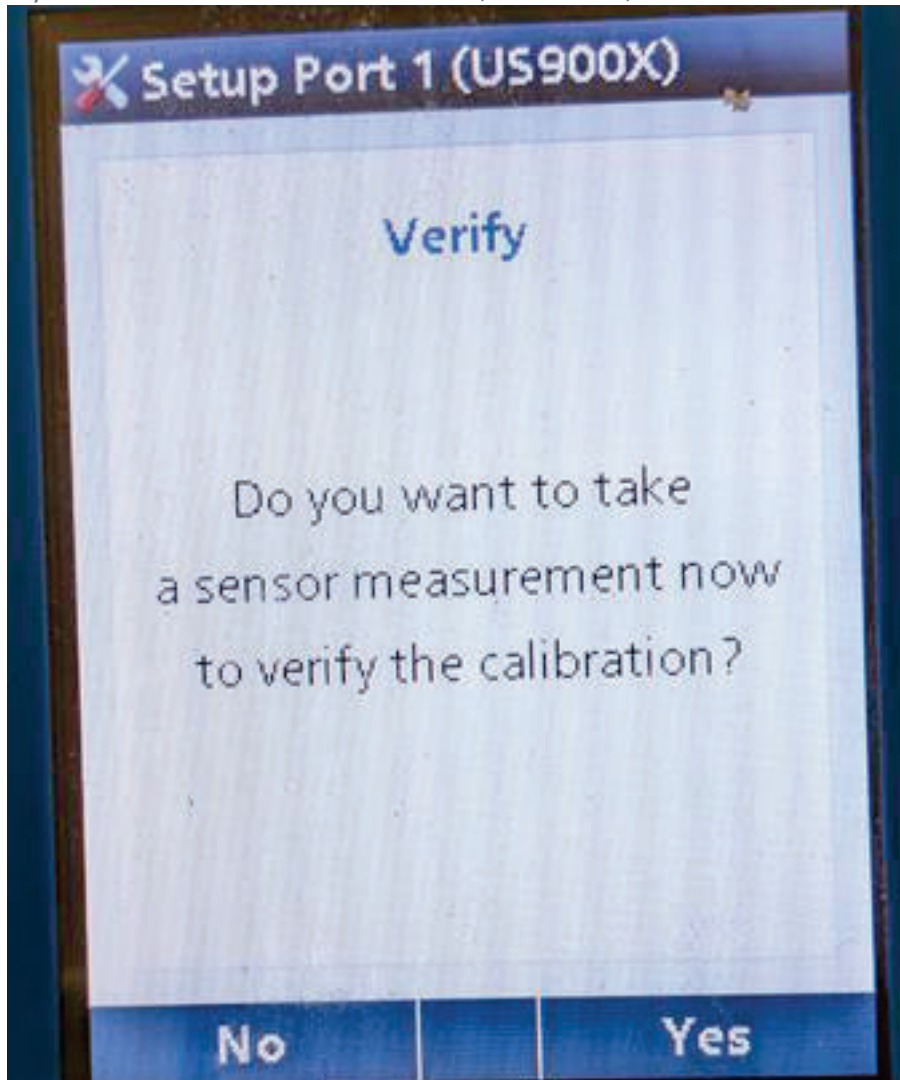
Enter the Depth of Water at the specific monitoring point. If using a Flume/Weir, only enter the depth of water down to the 0 flow point.



The sensor will take a reading and give a Summary if the calibration is successful. Choose Finish



If you want a verification measurement, choose Yes, if not No

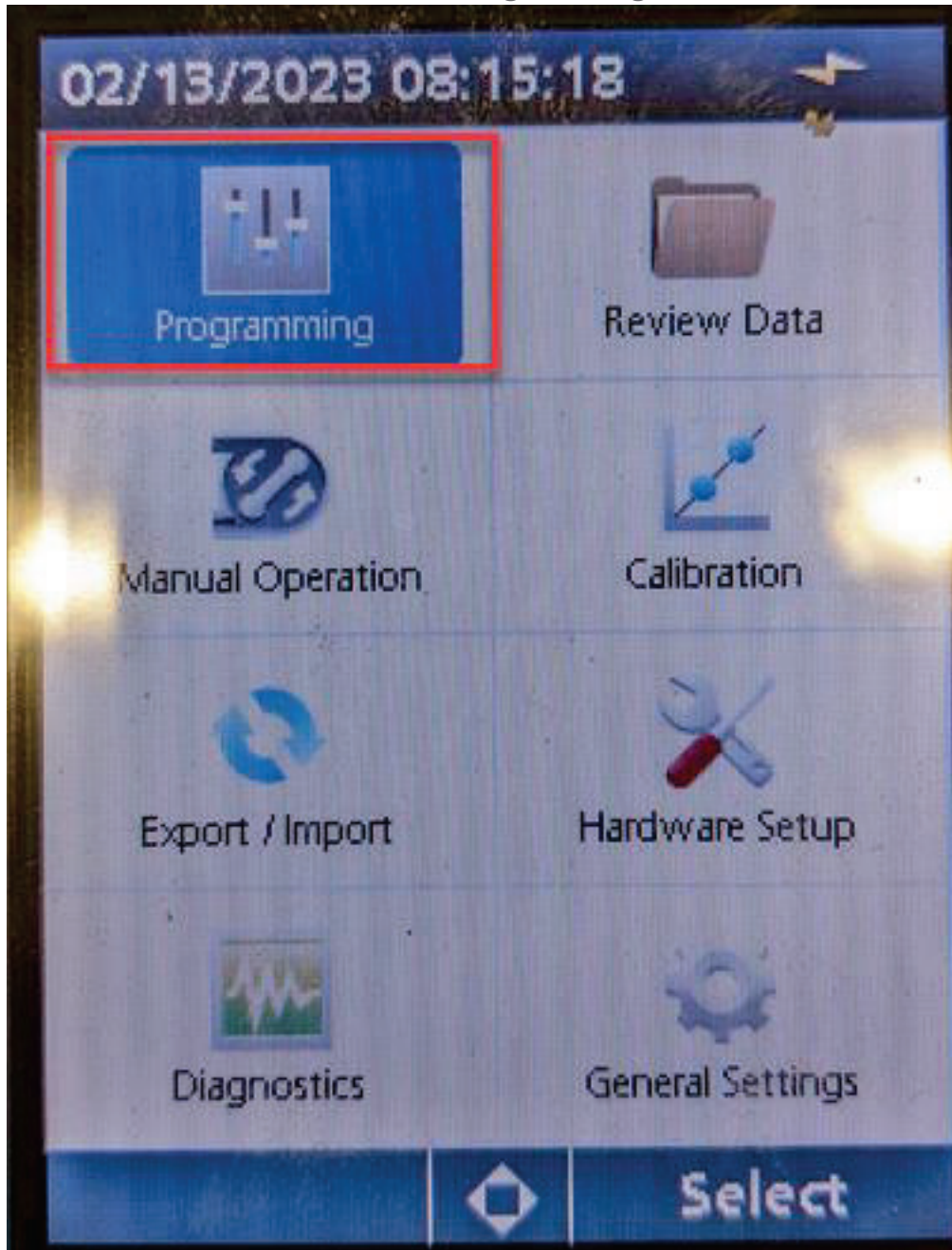


Verification Page

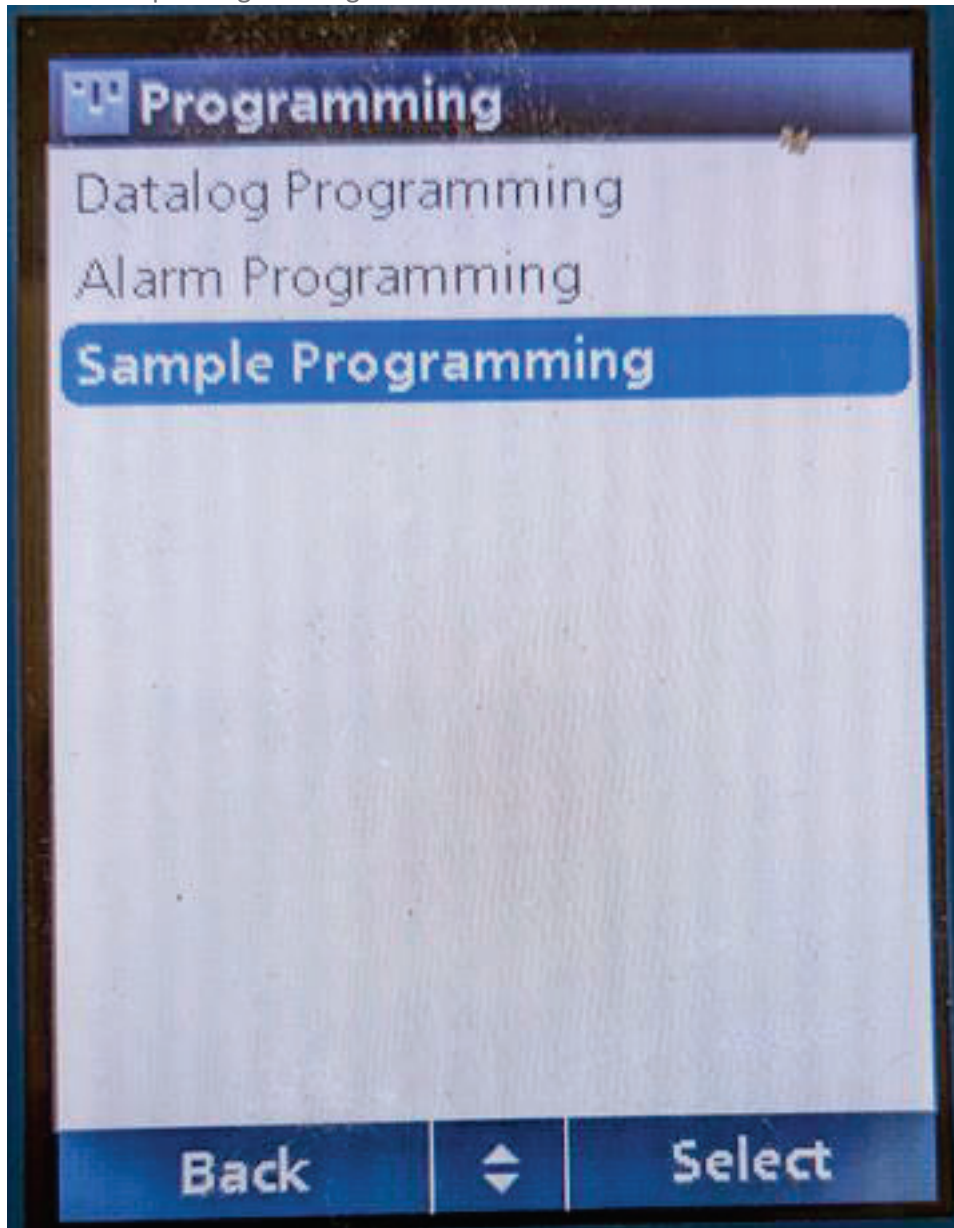
Query Port 1 (US900X)	
Sensor Type:	Downlooking
Firmware	41
Level:	1.86 in
Velocity:	0.00 fps
Flow:	0.16 mgd
Temp:	70.70 °F
Dist:	10.14 in
Zero Level Dist:	12.00 in
Dist Cnt:	16
Distance 1:	5.29 in
Distance 2:	10.41 in

Back ▼ Refresh

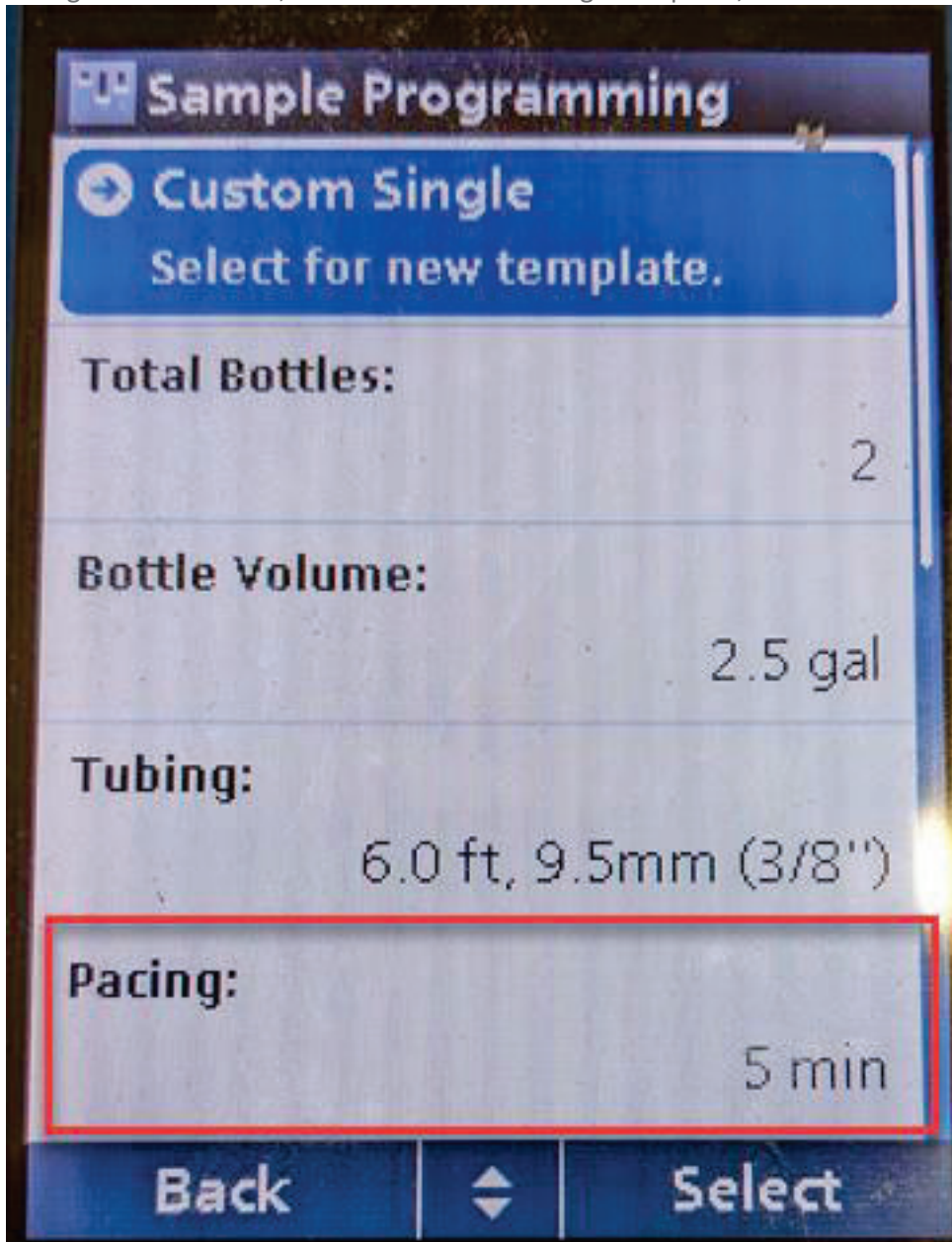
Step 4- Configure Flow Pacing
From the Main Menu choose “Programming”



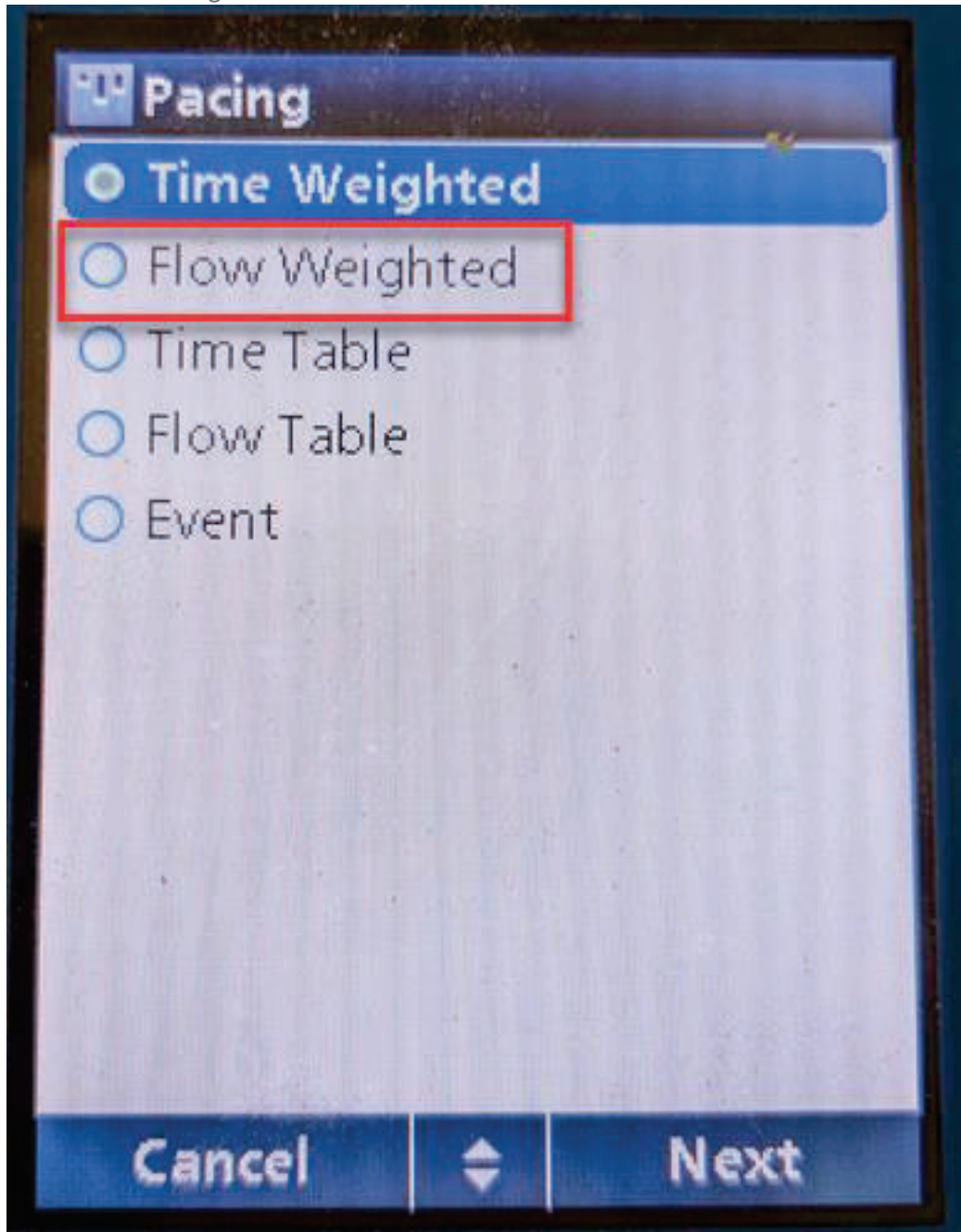
Choose Sample Programming



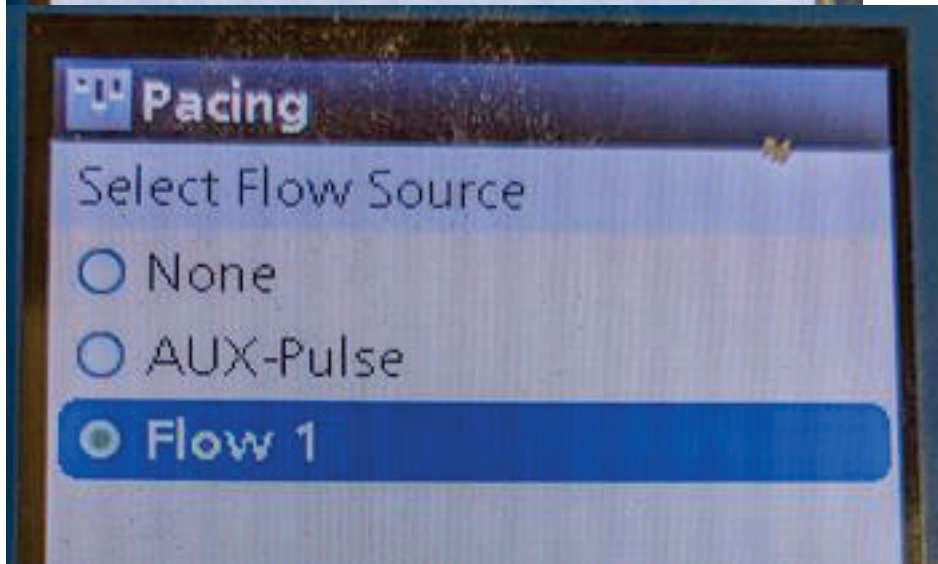
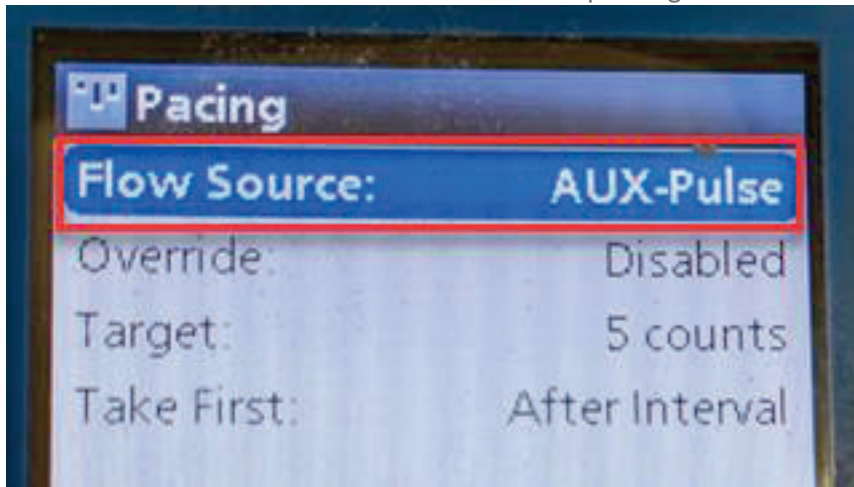
Configure Total Bottles, Bottle Volume and Tubing as required, then select "Pacing"



Choose "Flow Weighted"



Choose "Flow Source" then Select Flow 1 or 2 depending on sensor location



From the Pacing Menu, choose "Target" and select how many gallons need to pass for the AS950 to pull a sample.

