

FURUNO TECH TIPS

We take pride in supporting the best marine technical dealers in the industry. We know communication is the key to ensuring you can provide the best possible service to your customers. To that end, we'll periodically be providing useful "Furuno Tech Tips." These tips are focused on lesser known features or troubleshooting items that could result in overall higher quality of service. We hope you'll save and refer to these tech tips, as well as providing copies to your field personnel.

FCV1900

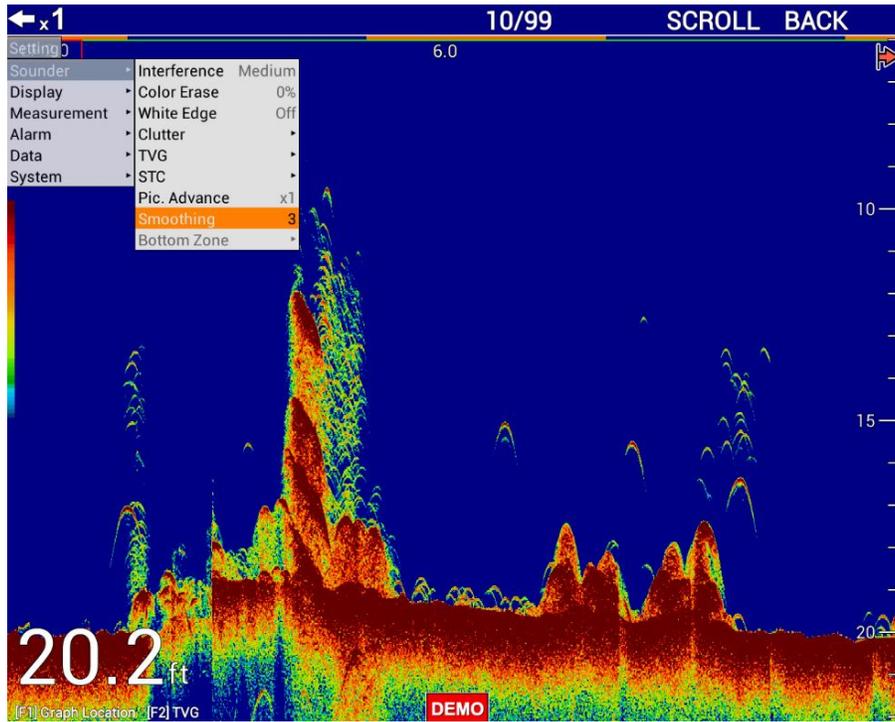
How to increase the fish mark size

We have fielding questions from customers (especially customers whom recently upgrading from the FCV1200 to the FCV1900) relating to the size of marks on the FCV1900 when compared to the FCV1200.

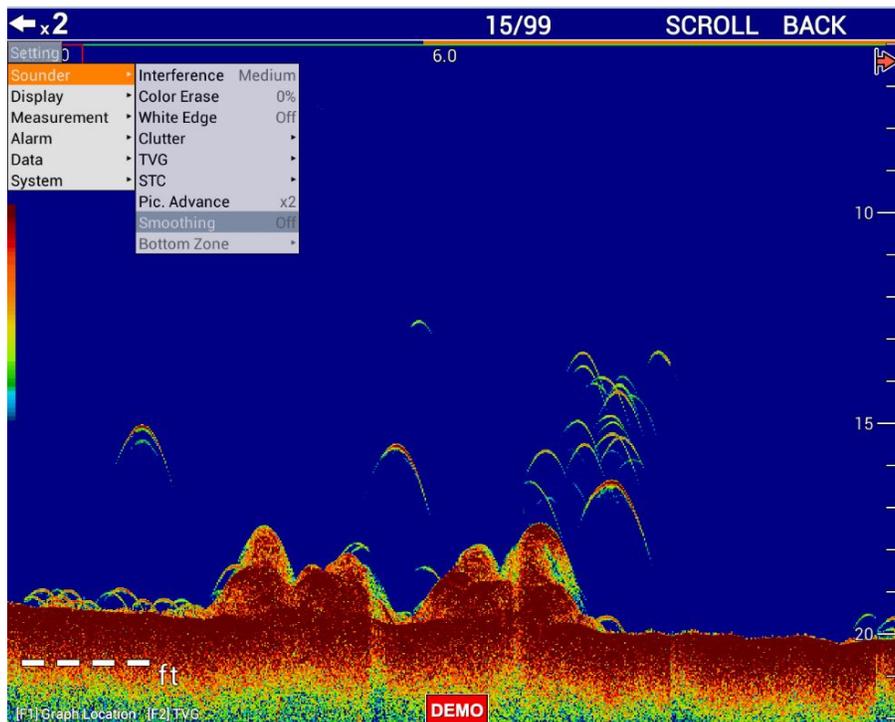
The FCV1900 utilizes SXGA resolution by default which is significantly higher when compared to the FCV1200's VGA resolution. The difference in resolution essentially means that the same size mark on an FCV1200 VGA display appears much larger than it would on an FCV1900 SXGA display. There are adjustments that can be made to the FCV1900 for customers that prefer the larger fish marks of the FCV1200.

The following pictures illustrates the results of adjusting Resolution, Smoothing and Pic Advance.

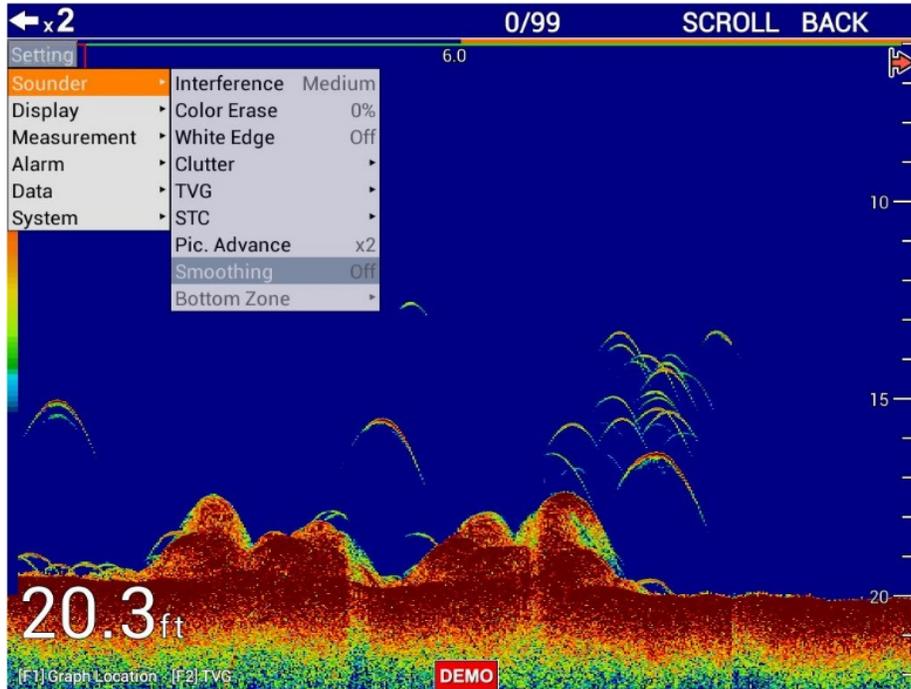
Normal view of the FCV1900 without any adjustments



Smoothing OFF, Pic Advance at 2x and the Resolution setting left on SXGA



Smoothing OFF, Pic Advance 2x and the Resolution changed to XGA



As you can see after setting Smoothing of OFF, Pic Advance to 2x and Resolution to XGA marks appear much larger and closely resembles what the user would see on the FCV1200.

NOTE: Make sure the monitor in use can support 1024x768 resolution before changing the FCV1900 output resolution to XGA.

Appendix A

How to adjust/change FCV1900 Display Resolution:

1. Press the Menu/ESC key to open [Settings] menu.
2. Press the Menu/ESC key (approximately ten seconds) to show the [Service] menu items in the menu.
3. Rotate the ENTER knob to select [Service], then push the knob
4. Rotate the ENTER knob to select [Display Resolution], then push the knob.

Setting		
Sounder	▶ Bottom Search	Auto
Display	▶ Deference Gain	▶
Measurement	▶ Deference Bottom Level	▶
Alarm	▶ Log	▶
Data	▶ Display Resolution	SXGA (1280x1024) XGA (1024 x 768)
System	▶ TX Triggering	SXGA (1280 x 1024)
Service	▶ In Trigger	Off SXGA (1024 x 1280)
	Trigger Input	↑
	Out Trigger	Off
	Trigger Output	Positive
	External Fish Finder Trigger	Off
	Restore Default Setting	▶
	Demonstrate	Off
	XDCR Setting	▶
	White Marker	▶
	ACCU-FISH Calib	▶

End

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