



## Screenshot Contest 2 Best Baitfish

Image L was the Winner (Juan G.)

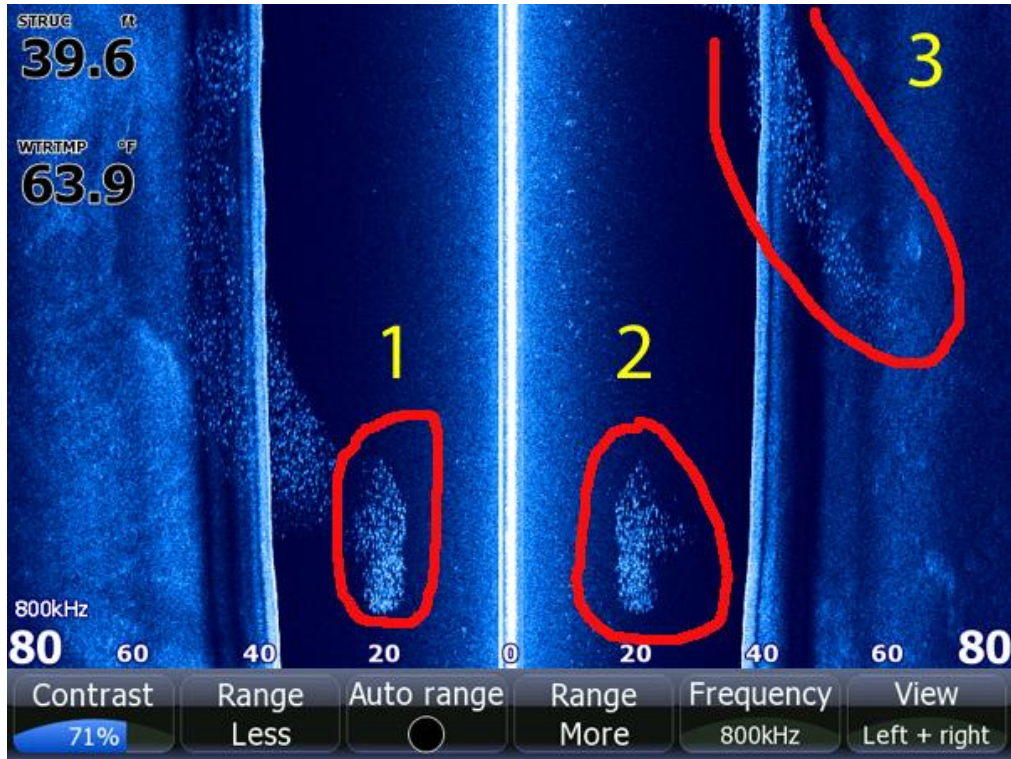
### Doctor Sonar Review

A

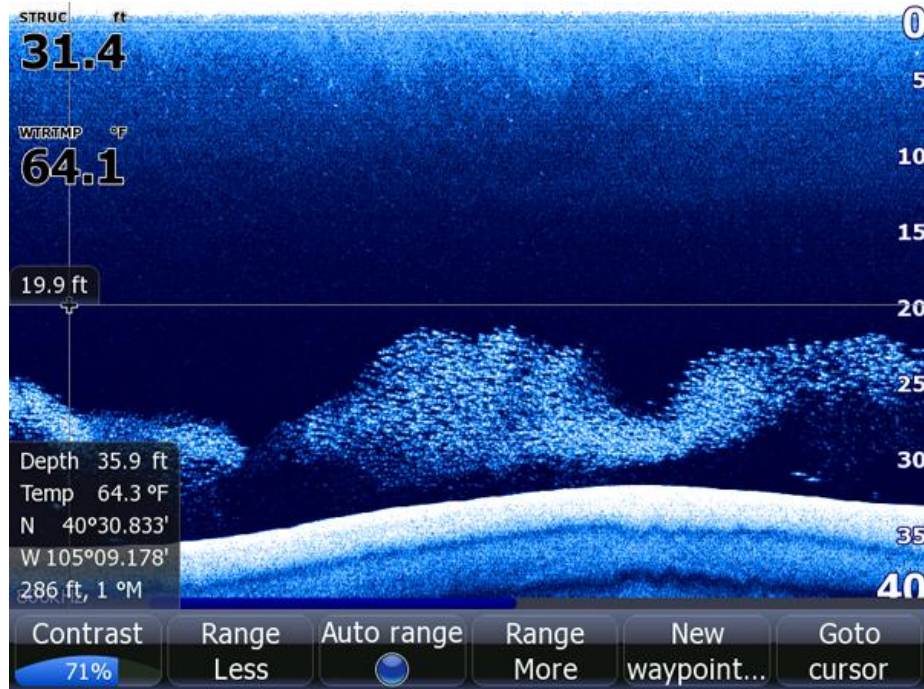


I would label these as large baitfish but that is a matter of size interpretation. I have circled the fish that stand out.

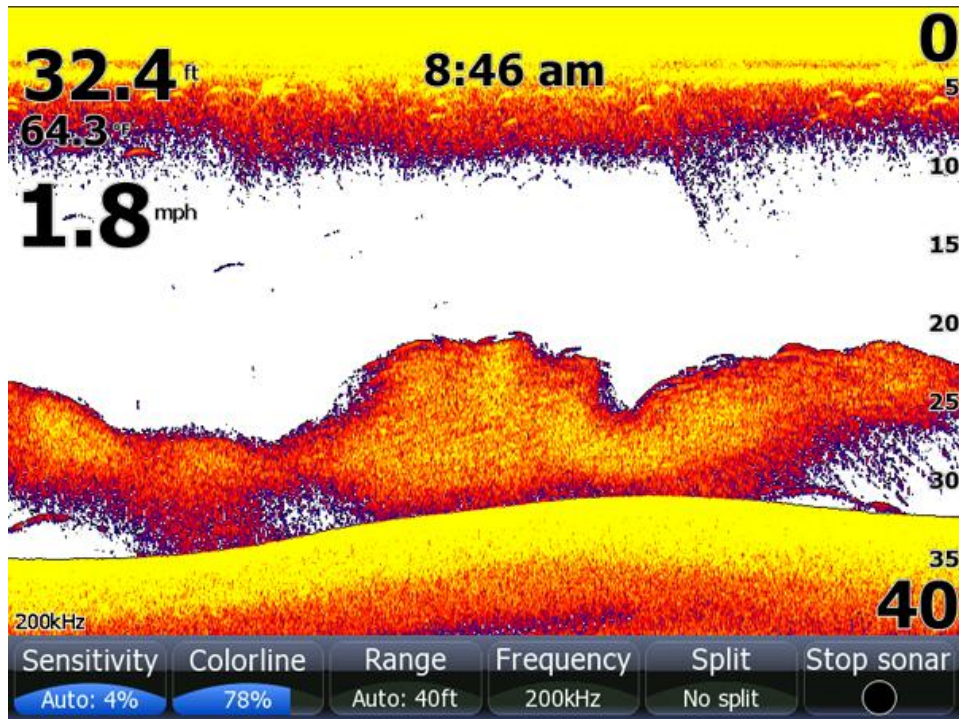
B



C

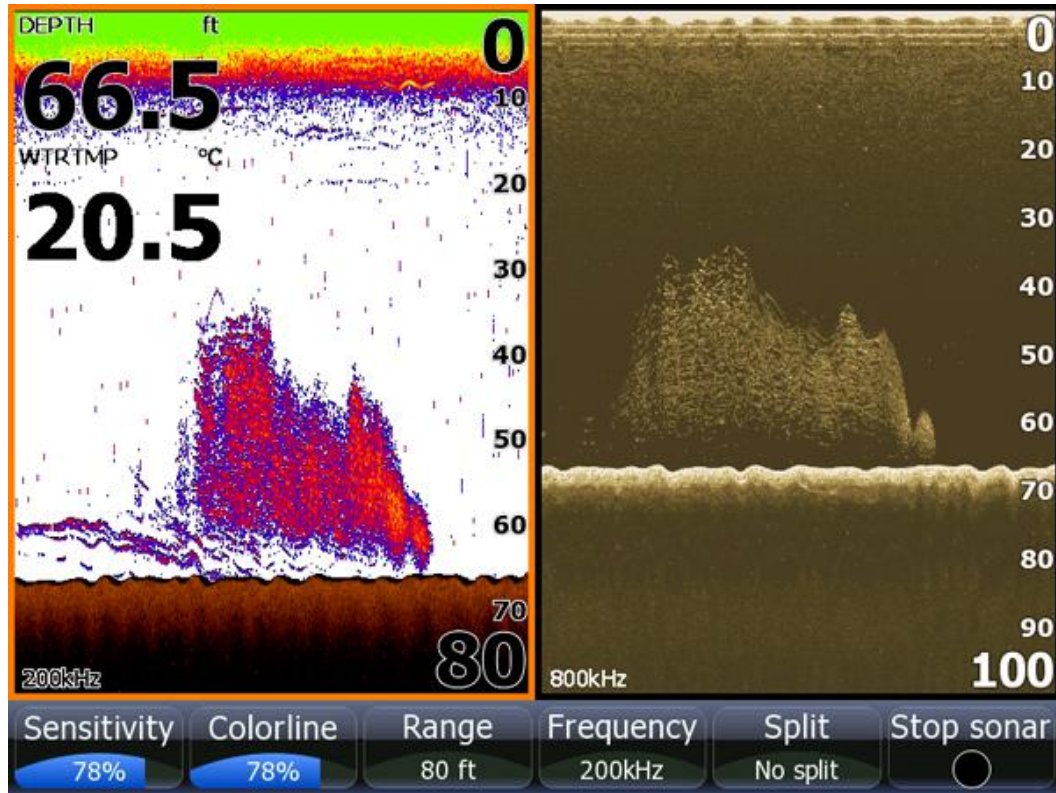


D



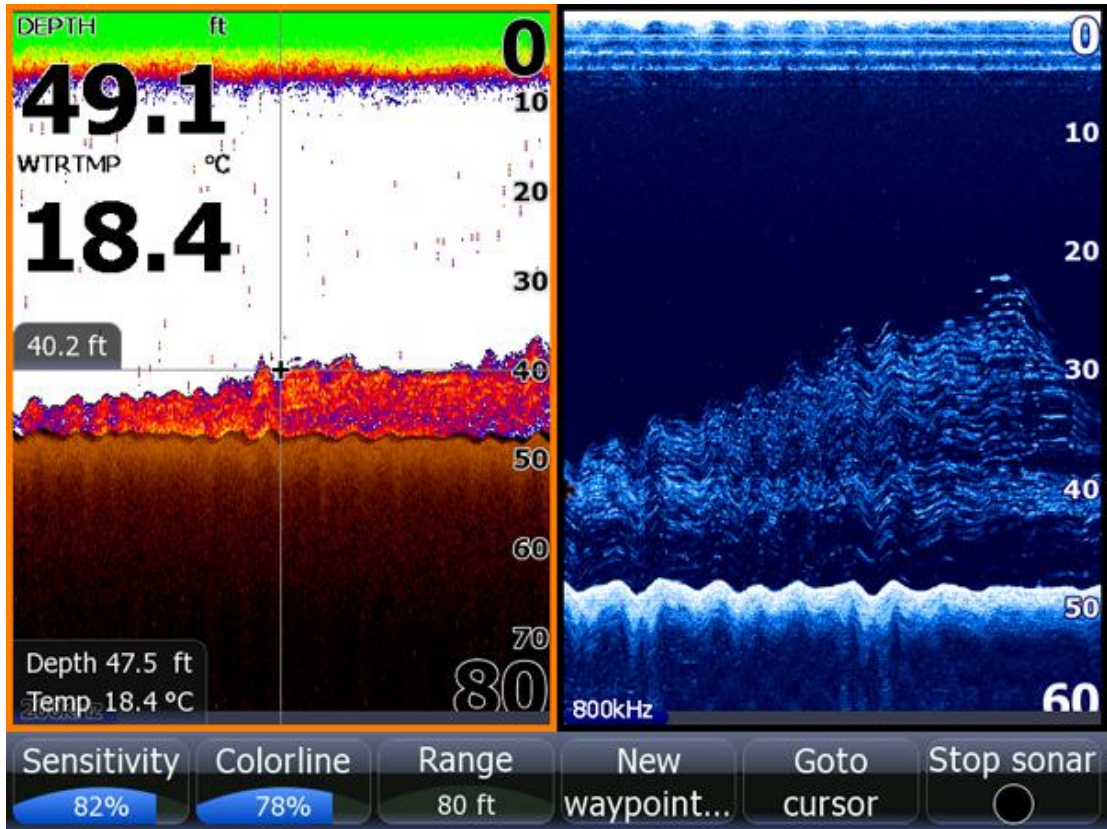
B, C and D are 3 views of the same baitfish school. The side scan is best for teaching. Click on B for the zoom view. Number 3 shows the baitfish under the boat and to the side. 1 and 2 show the same baitfish on both sides. Why?? The side scan edges of the cone overlap so both left and right views show the same baitfish. However the baitfish school is probably located slightly to the left of the boat since you see more of the school extending out farther on the left side.

E



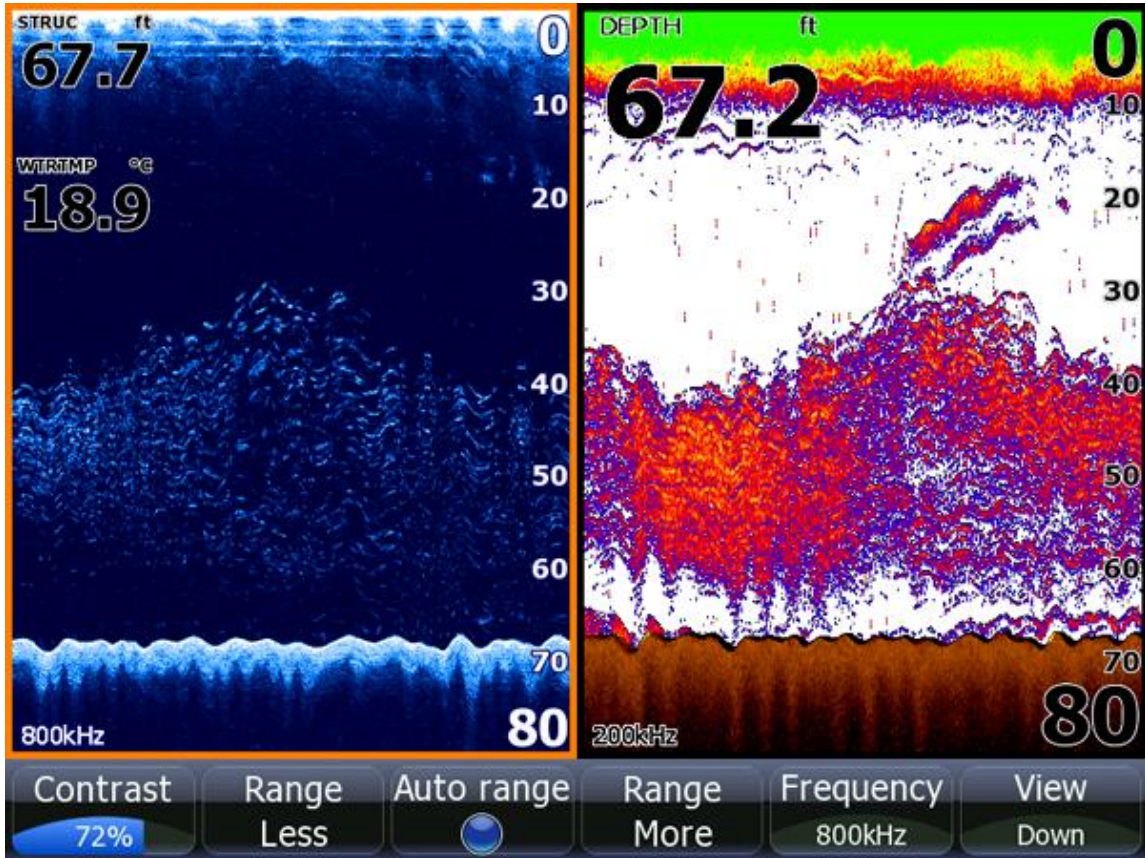
E is 2D sonar on the left and DownScan on the right. I use this splitscreen often since it helps in interpretation to see both views. Both views show the baitfish well in this screenshot.

F



F definitely shows the value of DownScan for target separations. The baitfish are separated clearly with the DownScan and the 2D baitfish could be misinterpreted as weeds.

G



G shows the school equally well on 2D and DownScan.

H, I and J

These are all views taken at the same time.

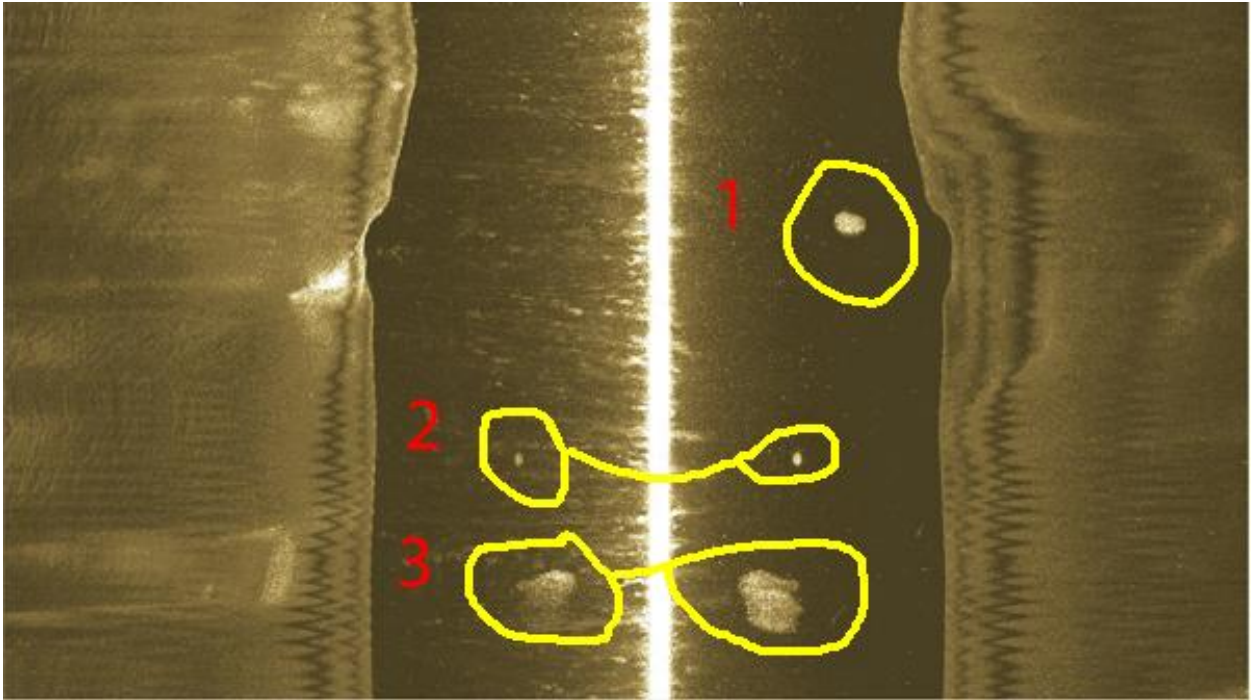
K shows 3 baitfish balls in the water column are labeled 1-3.

1 is only seen on the right side so is to the right of the boat.

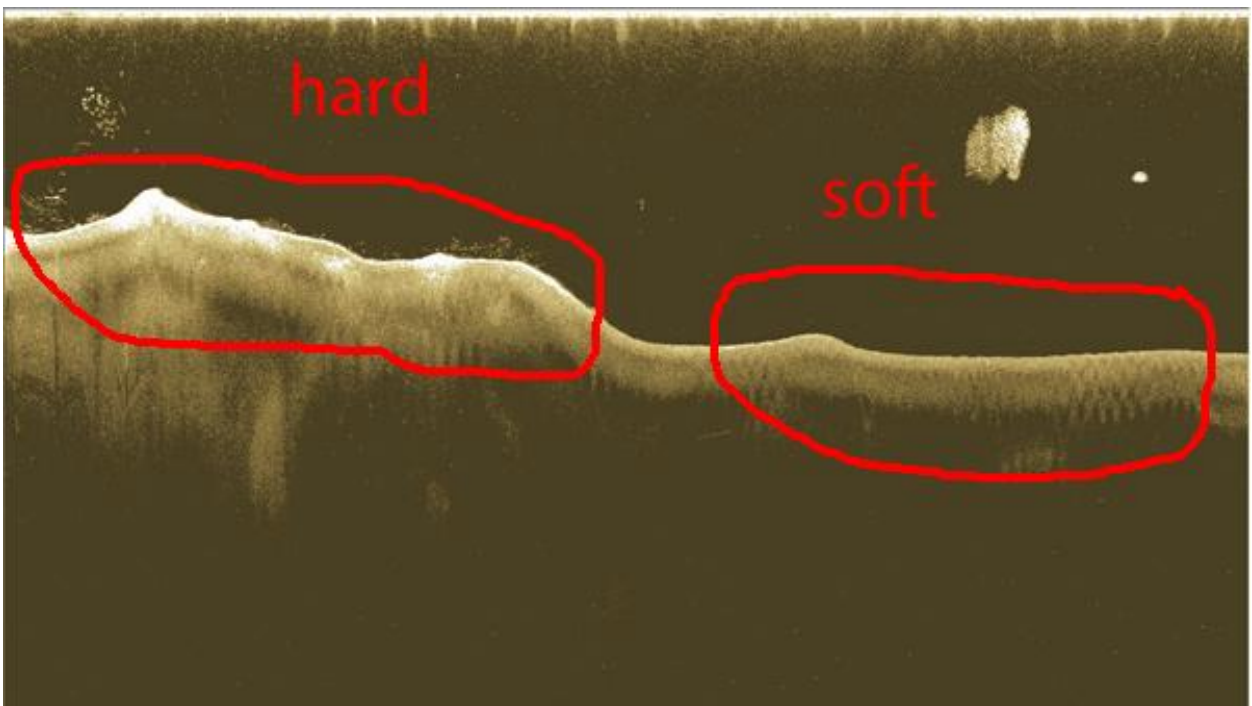
2 is seen on both sides but shows up better on the right so is slightly to the right of the boat.

3 is like 2. They are seen on both sides since the side scan cones have a little overlap.

H

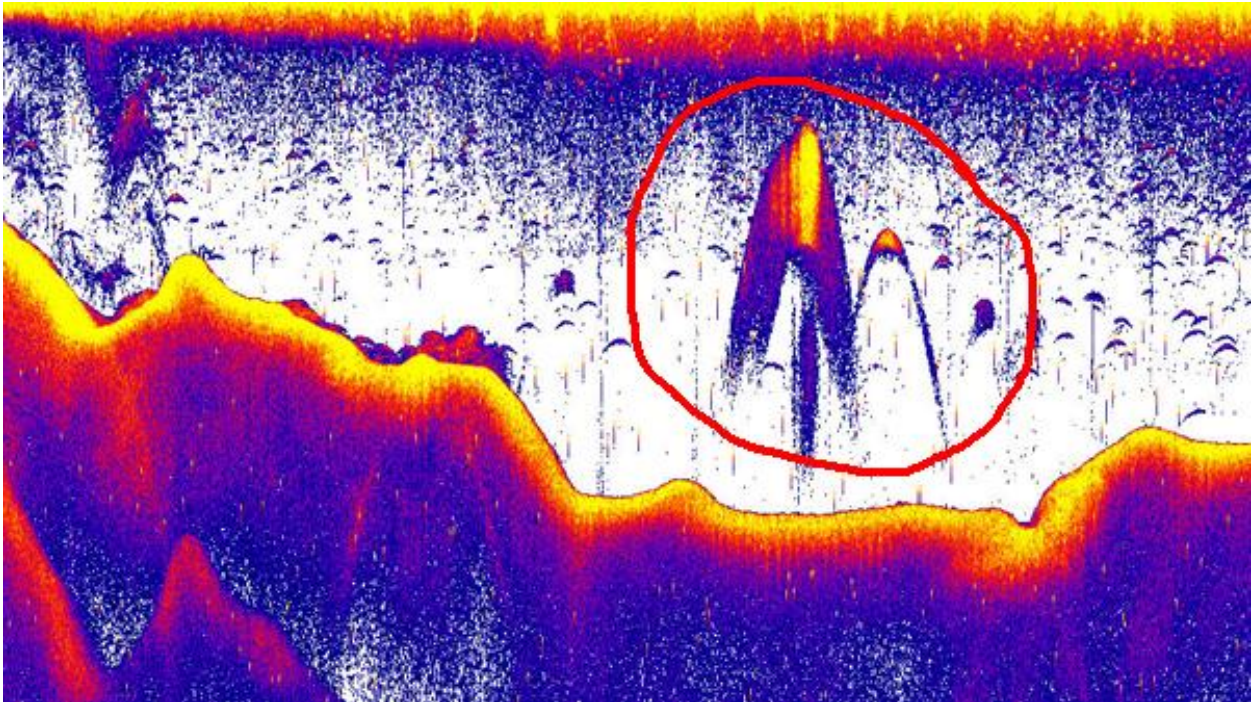


I

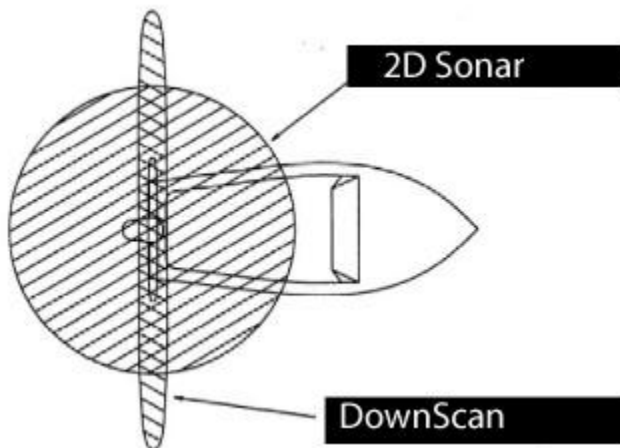


The DownScan in I shows the changes in bottom hardness very well.

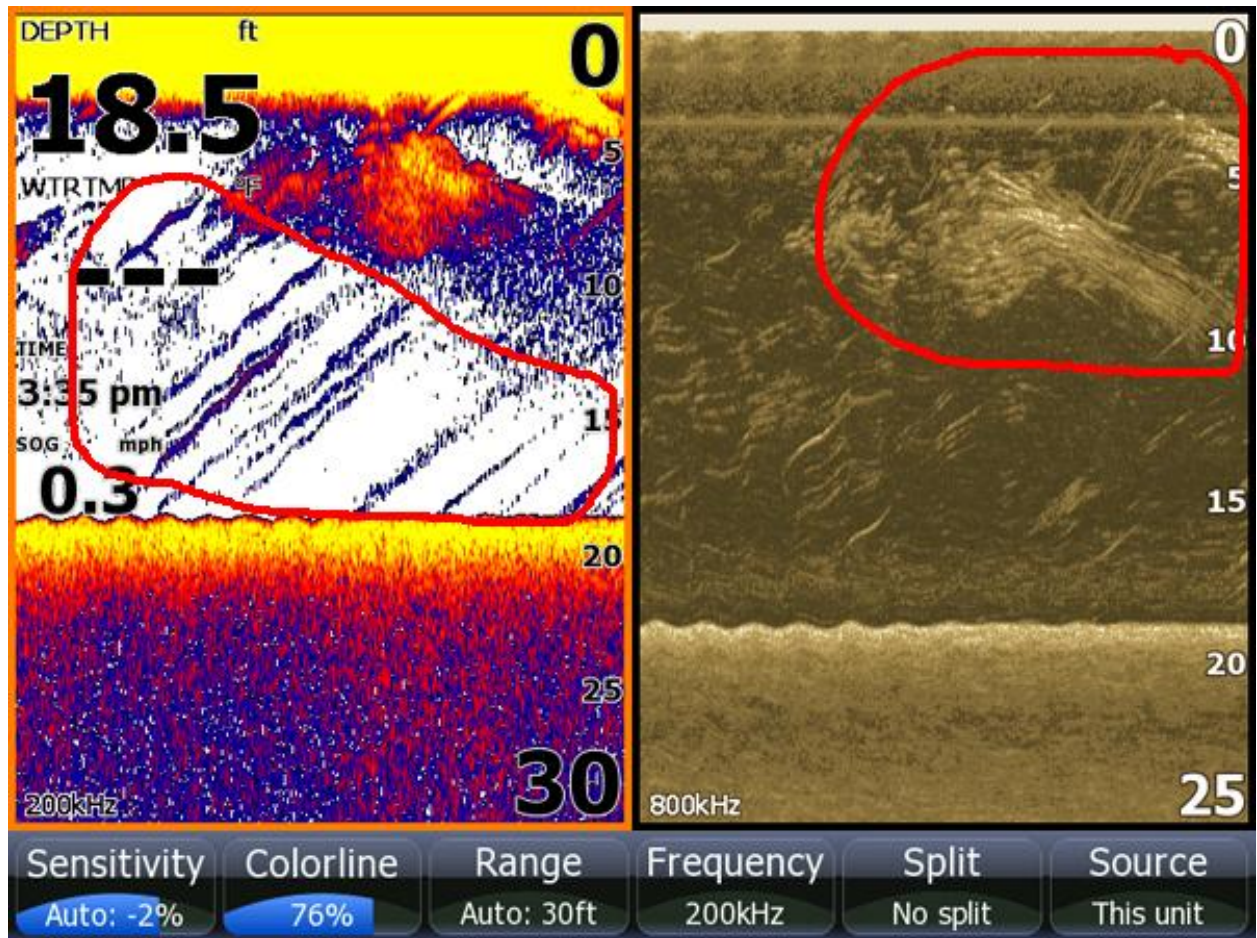
J



I circled the baitfish and the large fish, the large fish is the small dot next to the baitfish in screenshot I. Remember the tails of the fish arch are the fish on the edge of the cone and the cone of the DownScan is narrow which means no tails with DownScan. Compare I to J which are the same fish and baitfish.

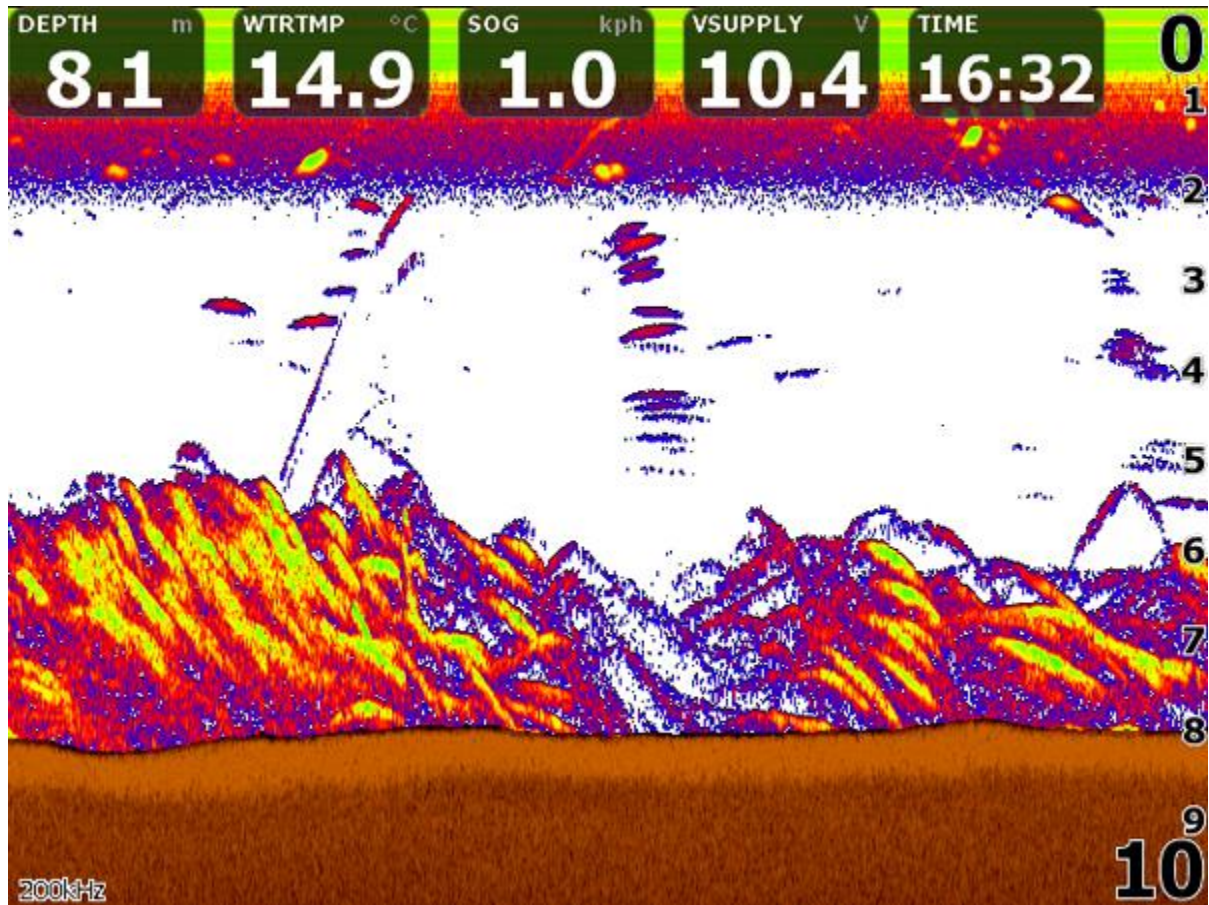


K



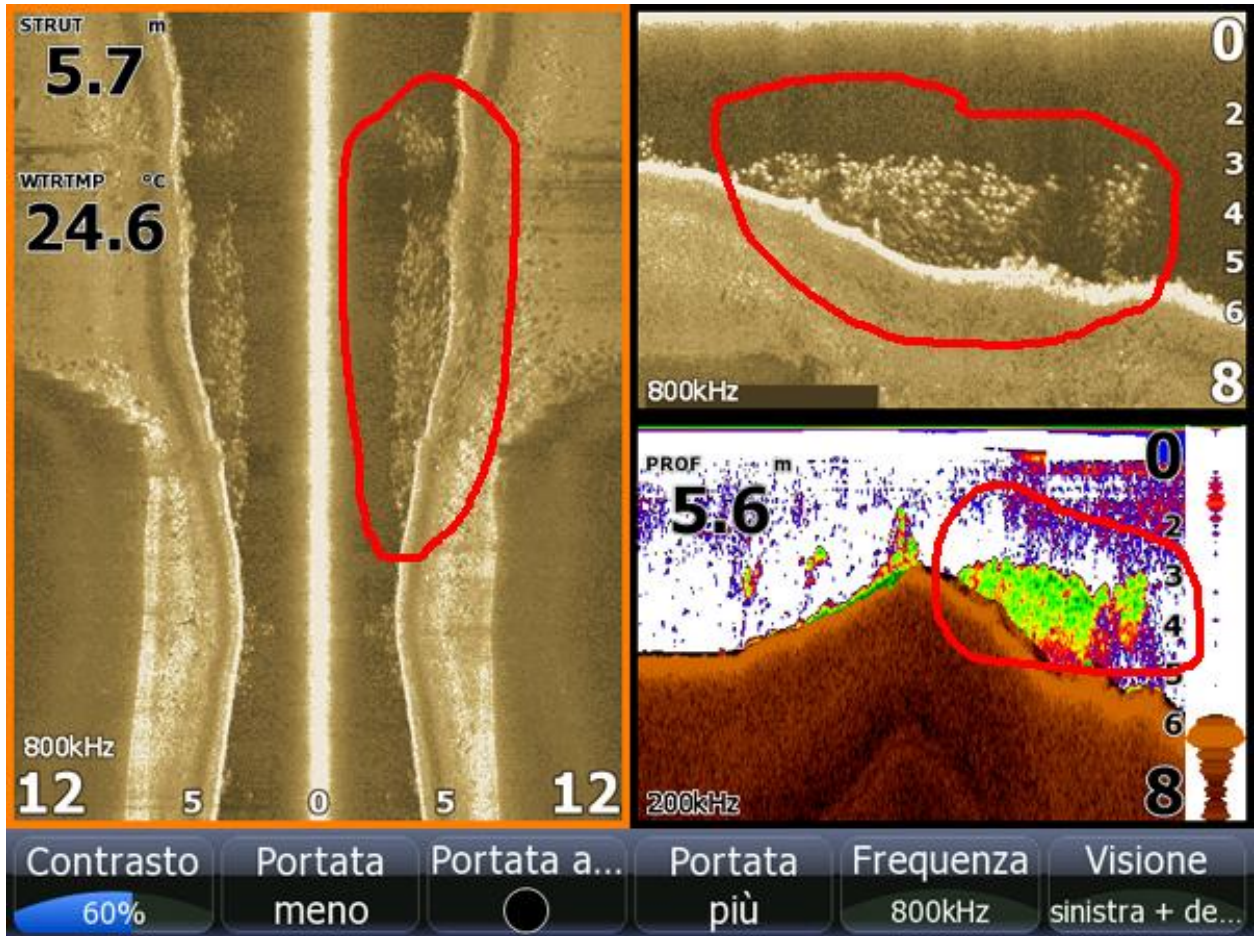
The 2 D sonar shows angled lines which is typical of bubbles when the boat is moving slowly (0.3 mph). The DownScan shows small fish moving.

L



This was the contest winner with the most votes. Palette 13 separates the huge mass of fish from the bottom nicely.

M



The bait fish are circled in all 3. The fish arches overlap in the 2D which interferes with interpretation.

Thanks to all the great entries which provide us with the opportunity to learn sonar.

