

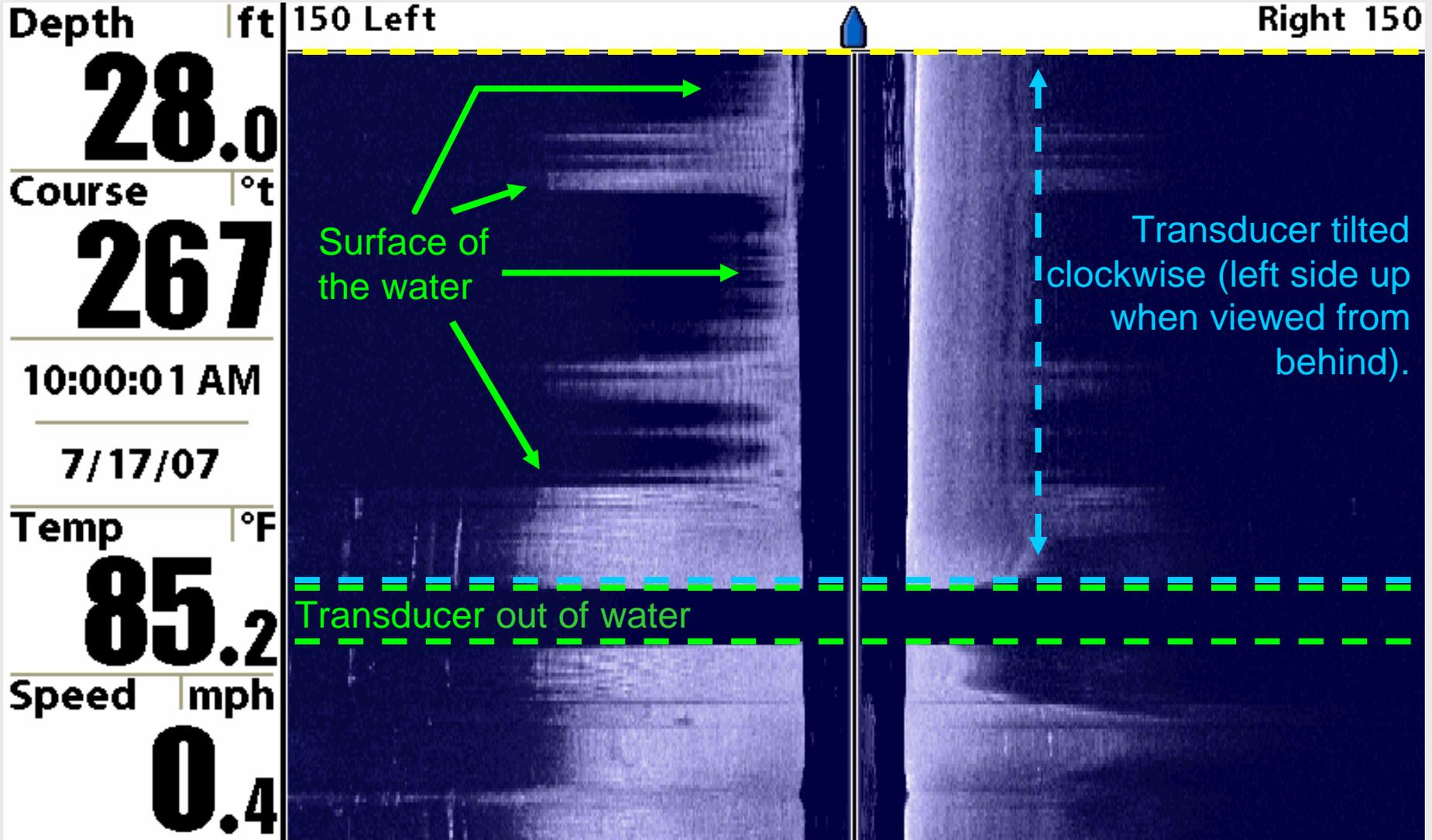
Tilting a Side Imaging Transducer

What does it look like when a Side Imaging (Si) transducer is tilted?

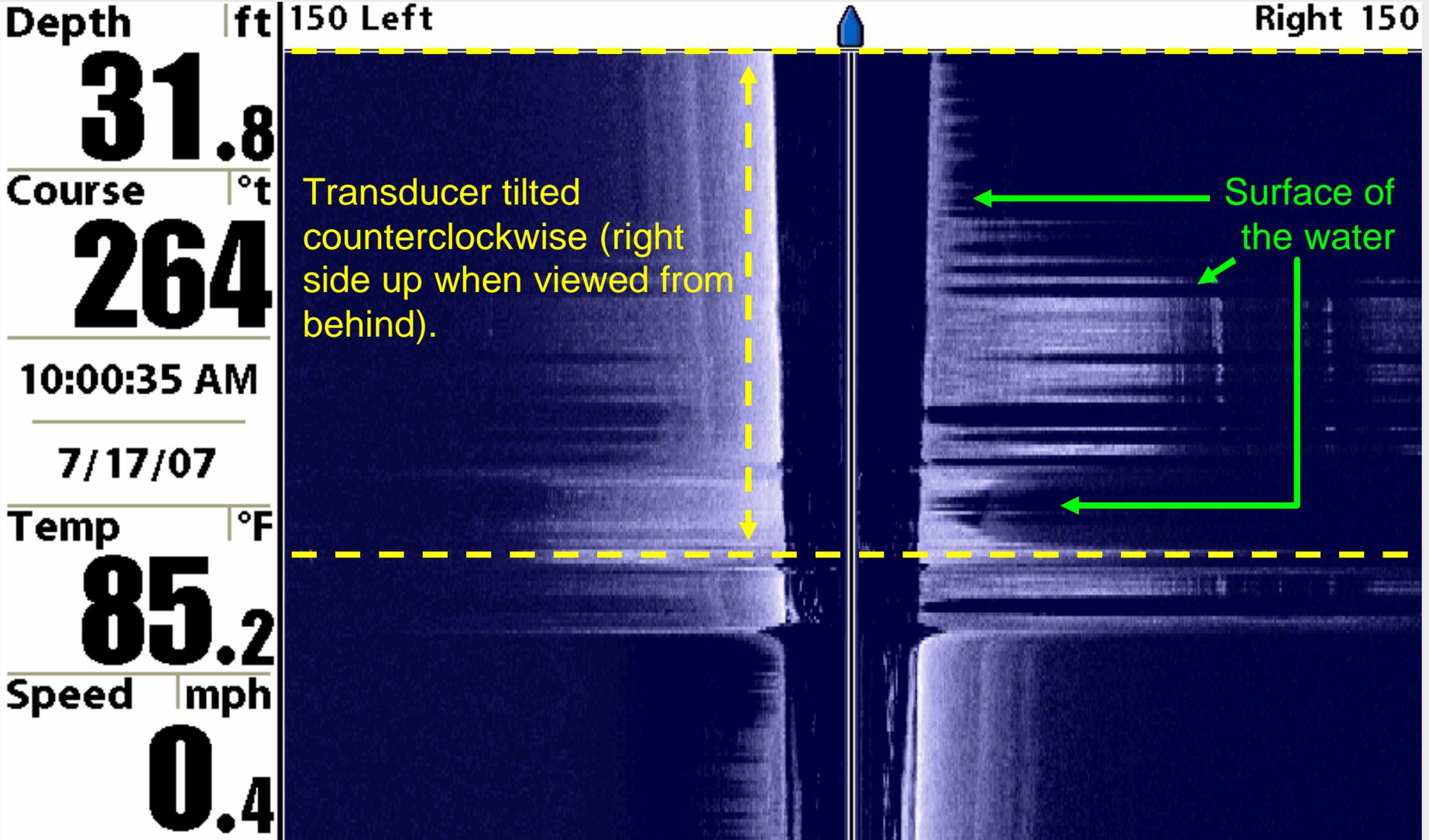
By “tilted” we are meaning that when the transducer is viewed from behind, it is turned either clockwise (so the left side of the transducer is higher than the right side) or counterclockwise (so the right side of the transducer is higher than the left side). The following are images captured from a 997c Si unit with the transducer mounted on a pole so that it could be tilted. Although these images were taken at more extreme of a tilt angle than you should normally see on a boat; it fully demonstrates how a tilted Si transducer can affect the Si sonar readings.

Even though your Si transducer may be mounted perfectly level when your boat is on the trailer, it may not be level with the surface of the water when the boat is in use and moving. How your boat floats or rides can also affect the tilt angle of the Si transducer. Items like batteries, gas tanks or even passengers on one side of the boat can be enough to cause your boat to be at an angle when it is in the water.

Si Transducer Tilted Clockwise



Si Transducer Tilted Counterclockwise



Si Transducer Tilted Clockwise than Counterclockwise

