

10.11: Boat Path

Path Definition: "SPLIT" would be the standard by default, middle line between the 15 metre and the 19 metre timing buoys (17 metre line).

Definition: Split Default

Split +/- 1 = Split +/- 0.3 metre or 1 foot

Split +/- 2 = Split +/- 0.6 metre or 2 feet

Split +/- 3 = Split +/- 0.9 metre or 3 feet

Skier options would be "Split" with +1, +2, +3 for wide or -1, -2, -3 for narrow. The skier shall tell the boat driver at which distance and at what speed to pass the ramp, and the boat shall follow a straight path through the jump course at the specified distance from the right-hand side of the ramp within the prescribed boat path tolerances. The boat path should have minimal deviation toward the jump ramp while the skier is cutting to and through the jump ramp.

End course camera

A centre line video on the jump course will be required for World, Confederation and Pro events, but may also be used at other events. End-course video shall be recorded for all passes. A rigidly mounted video camera shall be operated from a point on the centreline of the jump course (recommended facing the boat coming into the course), adjusted to show all of the boat guides in clear focus, and equipped with optical (not digital) magnification of sufficient power to display the ST buoys occupying at least 1/6th of the full width of the screen.

The boat position will be measured at the following points: at ST buoys, 41m after the ST 52m after the ST buoy, at MT buoys, at ET Buoys and at EC buoys.

If the boat pylon deviates more than 40cm from the requested boat path at the approximate position of each measurement point, an optional re-ride shall be awarded.

The position of the centre and maximum deviation lines of the boat shall be indicated (such as by placing visible marks or vertical posts on the windshield showing the 40cm deviation lines, or by using the windshield frame on boats with a walk through windshield having framing at the 40cm line) If the boat path deviation is determined by placing a string or line on the end course video, the end course camera must be exactly in the centre and exactly straight so that the string or line is in the middle of both the ST and the EC buoys. A re-ride for boat path deviation will be awarded if the end-course judge and the Chief Judge (or the Chief Judge's designee) agree on the determination. Cumulative deviation will not be considered.

The original score will not be protected if a re-ride is taken for a boat path deviation.

When available, RTK-GPS boat path monitoring shall be used for data collection purposes.