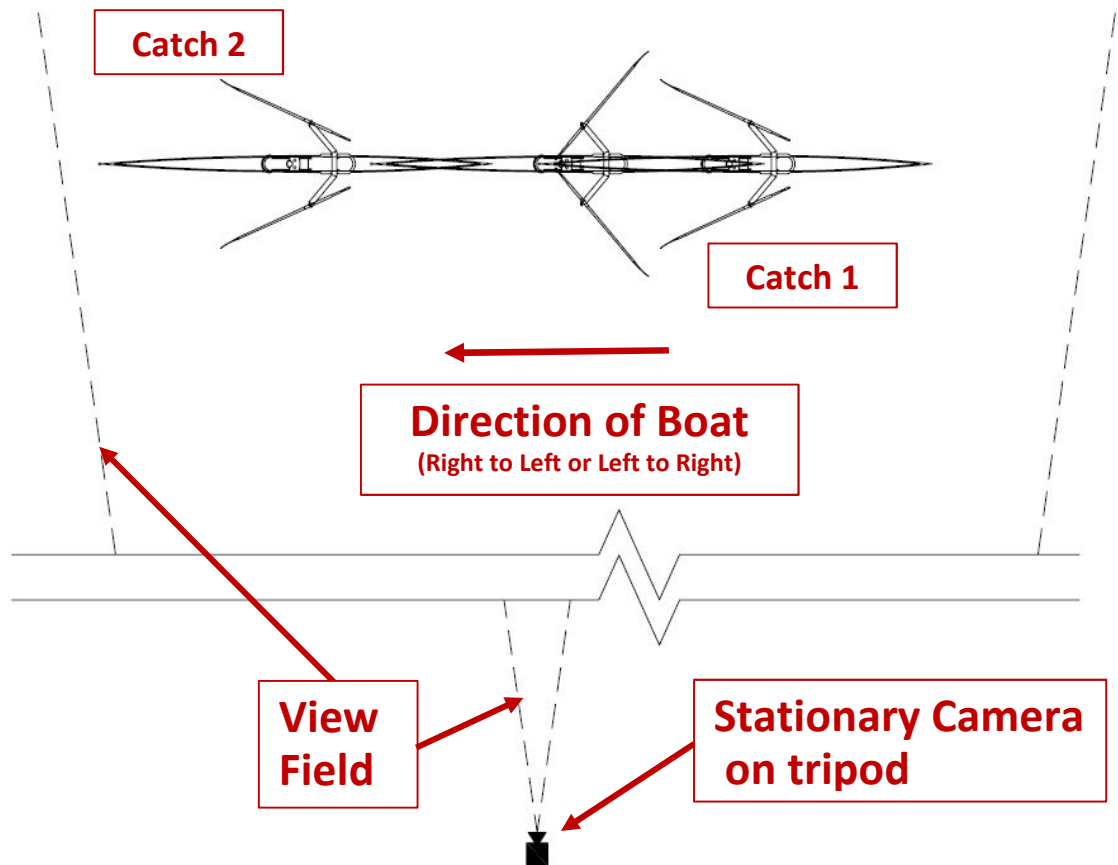


# Camera Setup for Boat Speed Analysis



- 1) Setup video camera on tripod (stationary) aimed perpendicular to the path of the boat.
- 2) The camera should be at a distance 50 to 60 meters from the boat.
- 3) The camera should be zoomed in to record two complete strokes.
- 4) The camera should be set to record at 60 frames per second (FPS).
- 5) Video format should be set to mp4, but most formats are usable.
- 6) Aim the camera to allow the boat to cross through the viewfinder frame horizontally in the centre of the screen.
- 7) A number one **bow marker** on the boat is ideal to allow easy tracking.
- 8) The crew should be rowing at **race rate and intensity** as in body of race (not sprinting). Video taken of the crew in a race between the 500 and 1500 is ideal.
- 9) Measure and **record the length** of the shell from bow to stern.
- 10) Record the rigging dimensions of spread, oar length, inboard and blade type.
- 11) Send the video along with the boat length and rigging dimensions to [purcerverance@gmail.com](mailto:purcerverance@gmail.com) for analysis. Large file sizes may need to be uploaded to a DropBox available by emailing [purcerverance@gmail.com](mailto:purcerverance@gmail.com).