



IMPROVE YOUR STREAMPRO PERFORMANCE

The Oceanscience Riverboat SP is the top choice for deployment of the TRDI StreamPro acoustic Doppler current profiler. Upgrade from the standard StreamPro float to the more stable, rugged and fully corrosion-resistant tethered boat. The Riverboat SP makes safe, easy measurements of discharge in relatively slow and fast flowing waters.

PERFORM MEASUREMENTS IN FASTER WATER

The Oceanscience Riverboat SP can gather data at water velocities over 12fps (3.6m/s). The proven bow flare trimaran hull design prevents the boat from nose-diving and maintains instrument orientation by reducing pitch, roll and yaw in varied flows. The central hull reduces drag by a factor of 2-4 over catamaran designs making the Riverboat SP capable of operation in a range of water velocities. Long fins improve stability in very low flow environments.

STANDARD CONFIGURATION

Made of unbreakable polyethylene, the Riverboat SP is strong and can handle tough deployment conditions. The standard boat configuration fits a 2" TRDI StreamPro ADCP, and the latest instrument clamp is suitable for the StreamPro with or without an internal compass upgrade. Large kick-up fins are standard to ensure snag-free operation.

USE THE CABLE CHIMP FOR STEADY TRANSECTS

Also available for the Riverboat SP is the Oceanscience Cable Chimp II remotely-operated cableway vehicle. For measurements using a tag line, the Cable Chimp II can slowly transect the river at a steady and repeatable speed offering the most consistent and best quality discharge data. Using the Cable Chimp II with the Riverboat SP is possible at water velocities up to 10fps (3m/s).



ONLINE VIEWERS

CLICK IMAGES FOR VIDEO

RIVERBOAT SP SPECIFICATIONS

The Oceanscience Riverboat SP specifications are listed below.

	RIVERBOAT SP SPECIFICATIONS
Typical Measurement Water Velocity	2-10 fps or 0.6-3 m/s
Maximum Water Velocity	12 fps or 3.6 m/s
Center Hull Length	48" or 121 cm
Overall Width (Assembled)	32" or 81 cm
Crossbar Material	Anodized Aluminum
Hull Material	Molded Unbreakable Polyethylene
Weight	15 lbs or 7 kg
Hardware	Aluminum
Safety Lines	Stainless Steel
Fasteners	Stainless Steel
Fin Configuration	Large Kick-up Fins
ADCP Size	2" TRDI Streampro

ORDER CODES

RBSP-C - Riverboat SP
 CCMPII - Cable Chimp II
 SCAS - Soft transportation case
 HCAS - Aluminum ATA transportation case

WARRANTY

Three-year warranty on polyethylene hulls.
 One-year warranty on all components.

CONTACT INFORMATION

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