



Riverboat SP™

Tethered Boat for the StreamPro ADCP

- Robust, stable instrument equipment rack for ADCP measurements with the TRDI StreamPro (with or without compass upgrade)
- Best suited for slow and fast water flow up to 3.6 m/s

Improve Your StreamPro Performance

The Teledyne 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 corrosion-resistant tethered boat. The **Riverboat SP** makes safe, easy measurements of discharge in relatively slow and fast-moving waters.

The **Riverboat SP** can gather data at water velocities over 12 fps (3.6 m/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 trimaran design reduces drag compared to catamaran designs making the **Riverboat SP** capable of operation in a range of water velocities. Long fins improve stability in very low-flow environments.

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.

Product features

- For use in water velocities up to 12 fps
- All required items included for easy plug-and-play operation
- Single or dual person mobilization
- Made of molded unbreakable polyethylene
- Easy transportation inside the available soft or hard case
- Optional Cable Chimp II remotely-operated vehicle available for slow consistent measurements

Technical Specifications

Physical:	
Center Hull Length:	119 cm (46.75")
Overall Width:	81 cm (32")
Weight:	7 kg (15 lbs.)
Hull Material:	Molded Unbreakable Polyethylene
Crossbar Material:	Anodized Aluminum
Mounting Plate/Clamp:	Aluminum
Safety Lines:	Stainless Steel
Fasteners:	Stainless Steel
Fin Configuration:	Large Kick-up Fins
Performance:	
Typical Measurement Water Velocity:	0.6-3 m/s (2-10 fps)
Maximum Water Velocity:	3.6 m/s (12 fps)
Instrumentation:	
Acoustic Doppler Current Profilers:	Teledyne RD Instruments StreamPro

The right is reserved to change or amend the foregoing technical specification without prior notice.

Contact:

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