

Teledyne Oceanscience

Riverboat SP™

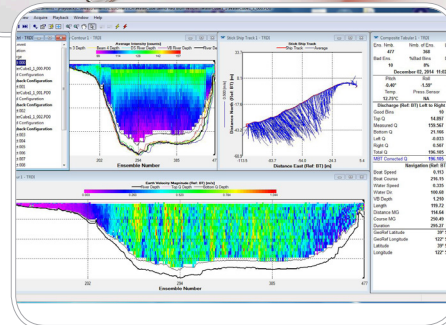
Tethered Boat for the StreamPro ADCP

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 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 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



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TECHNICAL SPECIFICATIONS

Physical

Center Hull Length	121cm (48")
Overall Width	81cm (32")
Weight	7kg (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	0.6-3m/s (2-10 fps)
Maximum Water Velocity	3.6m/s (12 fps)

Instrumentation

Acoustic Doppler Current Profilers	Teledyne RD Instruments StreamPro
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