

Canadyne Technologies Inc.

RiverBoom

Application Guide

The **RiverBoom** is designed specifically for use in flowing waters. Spill situations in rivers or flowing tidal waters require special attention. RiverBoom is designed to offer optimum stability, strength and ease of handling necessary in such conditions.

Canadyne Technologies Inc.

12400 Vulcan Way Richmond, BC, V6V 1J8 CANADA

Phone: 604.247.2297
Fax: 604.247.2298
Email: info@canatec.com
Web: www.canatec.com



The **RiverBoom** is a high tensile, shallow draft boom ideally suited for spill response operations in flowing waters. Use in deflection mode in high currents to bring oil to shore for skimming/removal. Above photo shows boom deployed in a 5 knot (8.5 km/h) current.

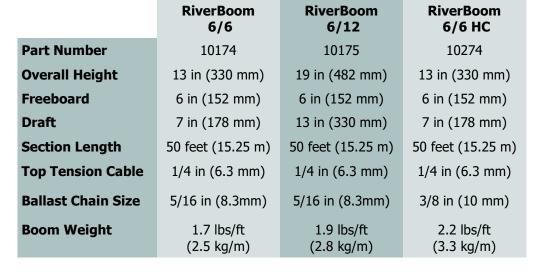
Features and Benefits:

- Solid foam buoyancy for utmost reliability.
- Available with 2.5 ft (0.75m), 5 ft (1.5m) or 10 ft (3m) fold points.
- **Shallow draft** to minimize loss of oil by entrainment.
- Aircraft cable upper tension member and heavy ballast chain provide excellent stability and outstanding tensile strength.
- Wide range of **PVC and Urethane fabrics** available.
- ASTM or Universal style marine grade aluminum boom connectors to mate with existing equipment inventories.

Canadyne RiverBoom Data Sheet



Upper and lower tension members provide excellent stability in high currents





Upper and lower cable loops for anchoring in high currents (standard on RiverBoom HC models)



RiverBoom deployed in deflection mode to guide oil to skimmer

Standard Features

- 22 oz/yd2 (750 gsm) heavy-duty PVC-coated polyester fabric, bright orange
- All seams radio-frequency (RF) welded
- Marine grade extruded aluminum ASTM style end connectors
- 50 foot (15.25m) section length
- Solid, closed-cell, cylindrical polyethylene (PE) foam flotation
- High tensile strength with upper and lower tensile members
- Black webbing handles at connectors, (additional handles optional)
- HC (High-Current) models fitted with heavier ballast chain and bridle attachment points (cable loops), top and bottom between every pair of floats
- Hot dipped galvanized ballast chain in fully enclosed pocket with drain holes
- Stainless steel hardware / fasteners
- Anchor points at midpoint and each end
- Full factory support for spares, repairs and technical assistance

Optional Features

- Upgrade to heavier 28 oz/yd2 (950 gsm) PVC or to a polyurethane fabric for increased abrasion resistance
- Universal-type or Shotgun-type aluminum end connectors
- Custom sizes, section lengths
- Custom screening of client name, logo or identifying marks

Recommended Accessories

- Towing Bridle and Tow Line
- Anchor Assembly systems

Storage Options

• Boom reels, storage/deployment containers, trailers

"The right solution... the first time"