

Marine Institute's Model Flume Tank Highlight at Fish Expo Atlantic

Harvesters and fishing gear manufacturers will see how a trawl “flies” over the seabed when the Marine Institute's Centre for Sustainable Aquatic Resources (CSAR) exhibits at Fish Expo Atlantic, April 9-10 in Providence, Rhode Island.

CSAR will demonstrate its model flume tank. The tank, which measures 16 feet long by 5 feet wide by 7 ft high and contains 750 gallons of water, will be used at the event to highlight CSAR's extensive experience in the design and testing of mobile fishing gear.

The model tank is a 1:8 working model of the Centre's \$20 million demonstration and testing facility located at its home base in St. John's, Newfoundland and Labrador, Canada. That tank is the only facility of its kind in North America and the largest in the world with a water capacity of 449,225 gallons.

At Fish Expo, CSAR will show five unique model trawls, including the Eliminator haddock trawl, scallop drag, clam dredge, separator trawl and a one-legged shrimp trawl. Visitors will be able to see how each piece of fishing gear operates and behaves on a model scale in a controlled environment.

As part of the Marine Institute, CSAR promotes the sustainable development of aquatic resources and protection of marine and freshwater environments. CSAR conducts applied research and development, as well as education and training to conserve and protect aquatic resources and habitats using an integrated, multi-disciplinary approach involving scientists, resource managers, harvesters and other stakeholders. The centre's main areas of focus are conservation harvesting technology and fisheries development for emerging species.

The Marine Institute is North America's most comprehensive institute dedicated to education, training, applied research, industry response and technology transfer in support of the ocean industries.

For more information about CSAR, visit www.mi.mun.ca/csar or visit them at Booth #624 at Fish Expo Atlantic.