

Evaluating Cutting Edge Technologies

The State of Oil Spill Technology Panel Session
SCAA Annual Meeting
June 3-4, 2020

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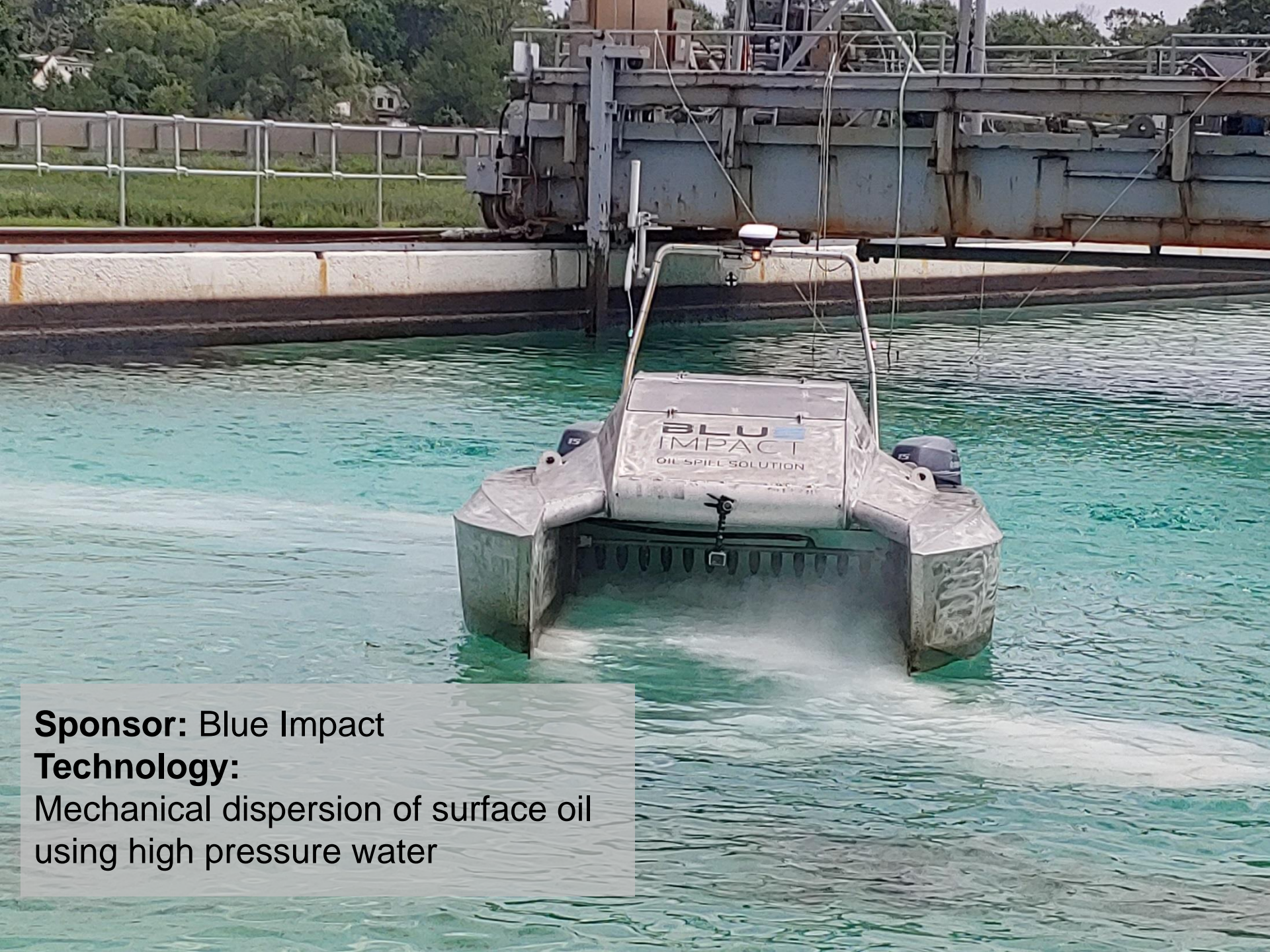
The Ohmsett Facility

Test Tank:

- 203 meters (667 feet) long
- 20 meters (65 feet) wide
- 2.4 meters (8 feet) deep
- 10 million liters (2.6M gallons)
- Wave capacity: ~1 meter (~3 feet)
- Open ocean salinity (32 -35 ppt)
- Spill oil and chemical agents
- Tow full size equipment at speeds up to 6.5 knots



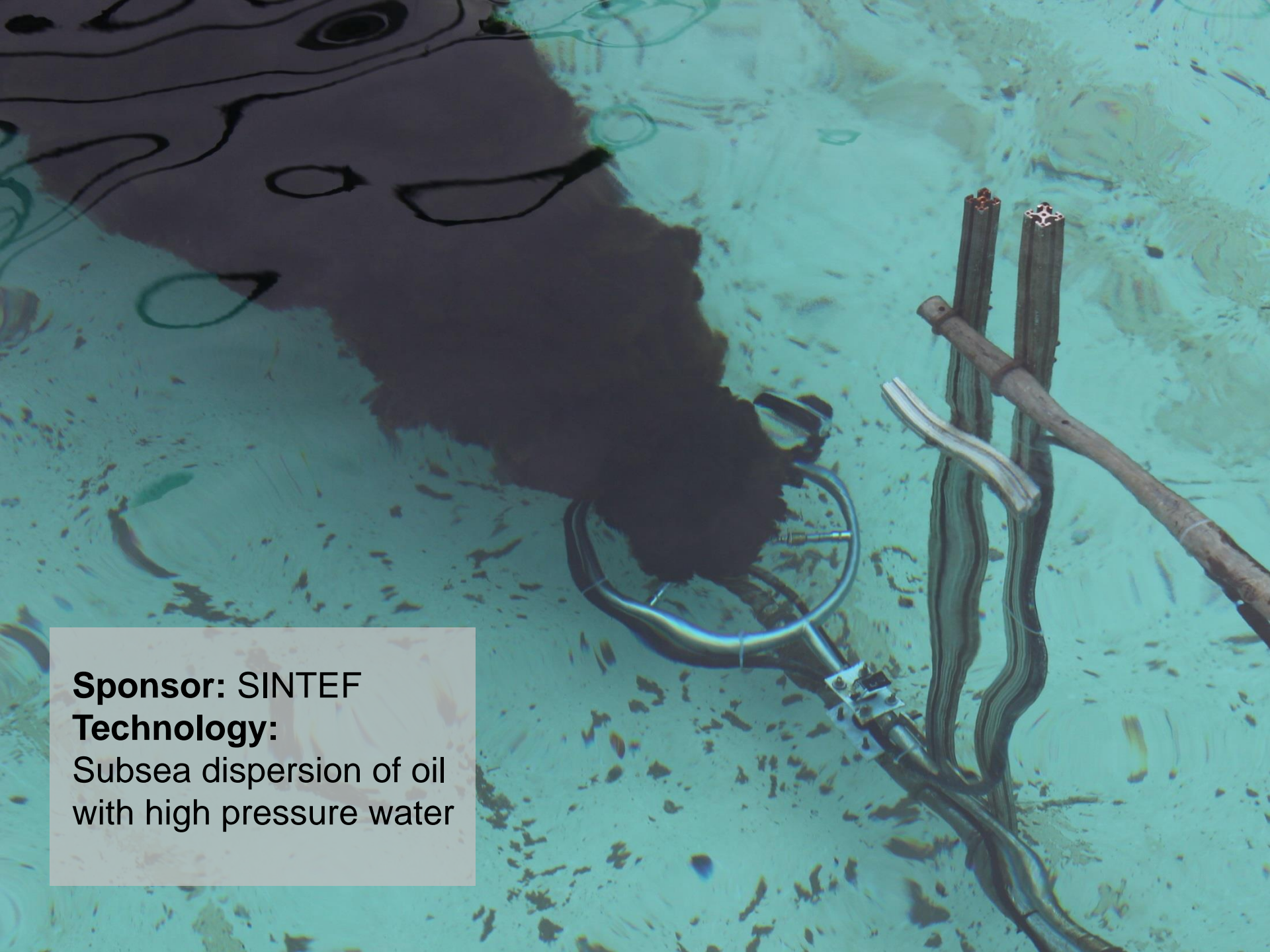
Wave generator and energy damping beach
Three equipment and instrumentation tow bridges



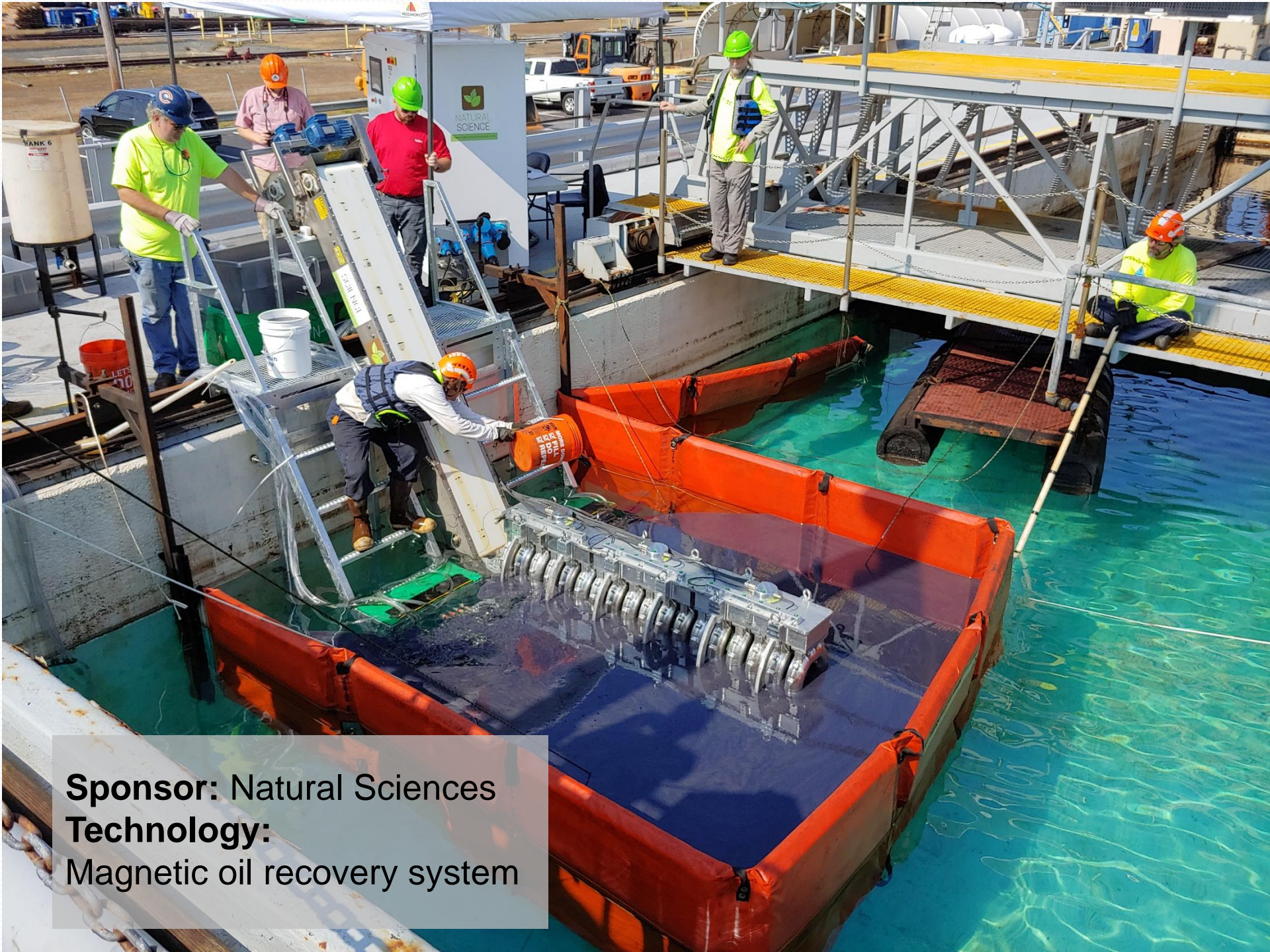
Sponsor: Blue Impact

Technology:

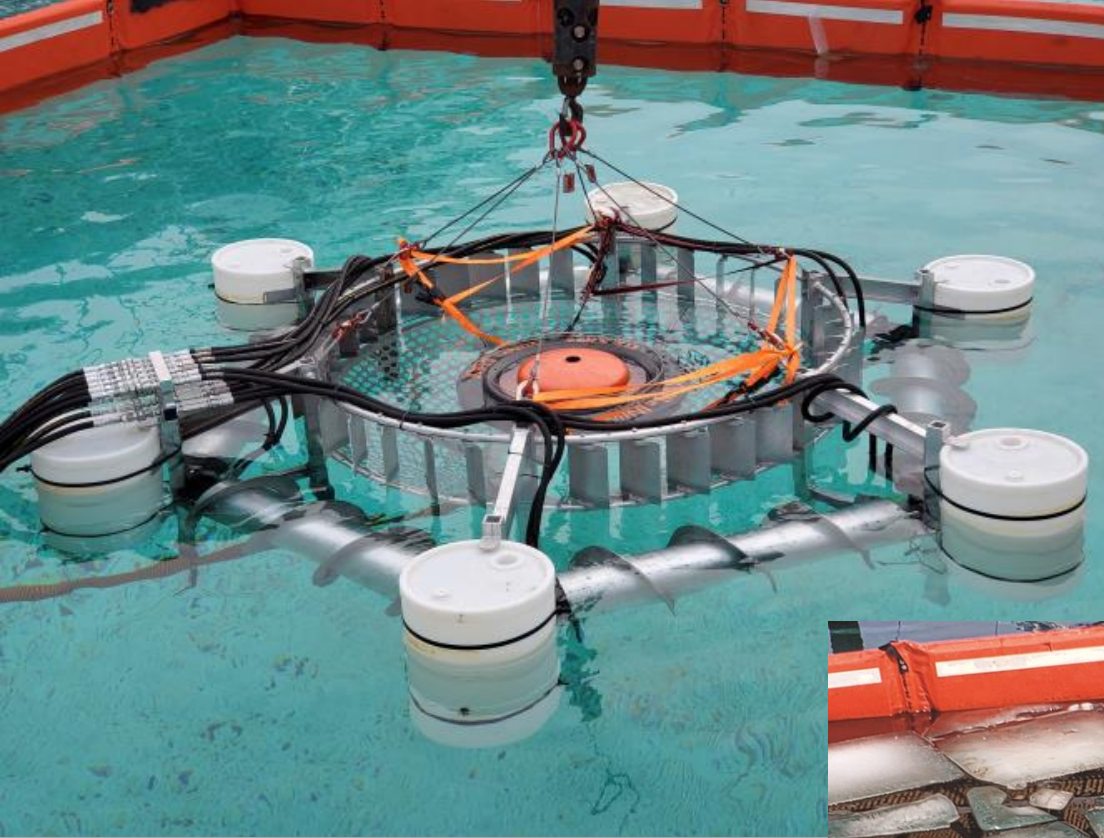
Mechanical dispersion of surface oil
using high pressure water

An underwater photograph showing a diver's equipment, including a metal frame and a large, dark, irregularly shaped object, possibly a piece of machinery or a large container. The scene is set in clear, blue water with a sandy bottom. The lighting is bright, creating a high-contrast scene. The diver's equipment is the central focus, with various metal components and a large, dark, irregularly shaped object. The background shows the sandy seabed and the clear water.

Sponsor: SINTEF
Technology:
Subsea dispersion of oil
with high pressure water

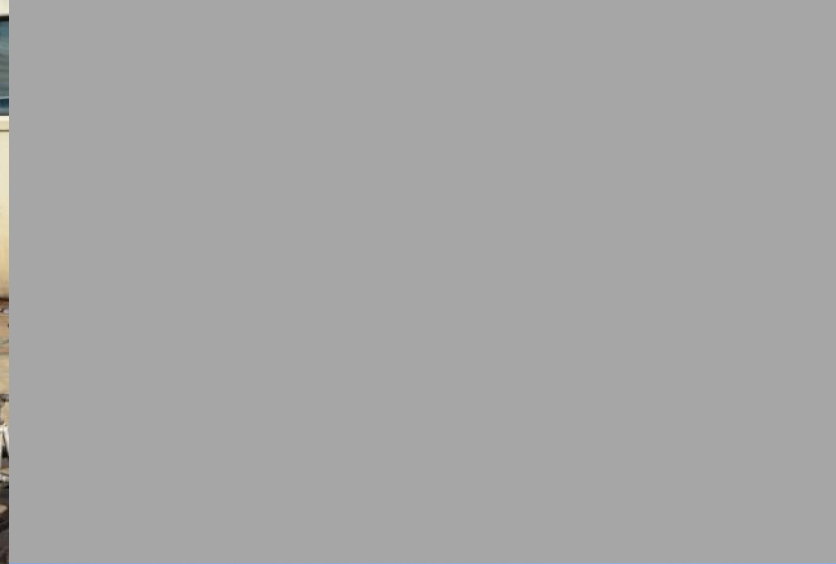


Sponsor: Natural Sciences
Technology:
Magnetic oil recovery system



Sponsor: BSEE
Technology:
Active Ice Management System
(AIMS)
Developed at Cold Regions
Engineering Lab (CRREL)





Training with oil:
Increases proficiency
with different types of
recovery equipment

Ohmsett

Research • Testing • Training

