

## COMMERCIALIZATION OPPORTUNITY

### Portable Low Frequency Projector

**Date of Submission to CfMSS:** April 16 2007

**Owner of Technology:** DRDC Atlantic

The **Center for Maritime Systems & Security (CfMSS)** presents a commercialization opportunity for Portable Low Frequency Projector technology, developed at DRDC Atlantic, Dartmouth, Nova Scotia Canada

#### The Technology

A low cost, very low frequency, high bandwidth underwater acoustic projector. Potential applications include seismic activity, diver deterrence, among others.

#### Current Market Problems

- BSP's and FSP's operate at high frequencies.
- Low frequency projectors weigh many tons.

#### Key Benefits

- Low cost
- Lightweight and Portable
- Very low frequency

#### Development Status

- Readiness level: TRL 6 – Technology Demonstration
- Estimated \$50,000 R&D Expenditure to date
- 5 years development
- Relevant Test Data available upon request

For more information regarding this technology, please contact:

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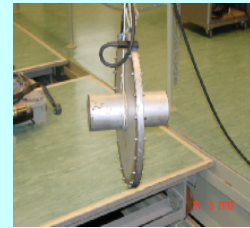
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Technology Information Packet (TIP) form: Rev. 9 Jan 2007

### Current Technologies



Portable Low Frequency Projector  
(Butt Kicker)

Place picture #2 or diagram here

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### Multi-Mode Pipe Projectors



L-R mid-frequency cut-away, extreme high frequency, high frequency & low frequency MMPP's

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