Blue Innovation Symposium

FlashTalk
Specializing in custom designs and new product development, from prototyping to production.
We build high quality, reliable, customized piezo-based products to support acoustic systems globally.
• 100% Canadian Controlled Corp
• Canadian Small Business (SME)
• 100% Offset
• ITB Partner
• Export and Import Permits Act of Canada
Why We are Different

- Vertical Integration
- Ability to sell from different points of the value chain
- Nimble
- Full customization
- Young Management, but long history in industry
Piezoelectric Ceramics:

- Hard PZT (incl. Navy Types I and III)
- Soft PZT (Navy Types II, V and VI)
- Lead Titanate
- Lead Metaniobate
Piezoelectric Ceramics:
• Custom formulations
• Custom geometries
• Custom electrode patterns
• MIL-STD-1376B
Ceramics Capabilities
Common Shapes
Unique Configurations

- Bevelled Bar
- Hemisphere (& Assembled Spheres)
- Shear Mode
Wrap-Around Electrodes
Segmented Electrodes
• Full Design Capability from conception to production
• 1000-20000 ideal volumes
• Production output to match your assembly input
Flextensional Transducers (low Frequency)
Spherical Transducer & Hydrophone
Free Flooded Rings
• Full traceability (batch or serial no.)
• Raw ingredient qualification process
• ISO 9001
• End-to-end production control
• Value-added Engineering Service
• Performance & Reliability
• We’re designed into our customer’s systems (no tuning)
Atlantic Canada
• Sales Office
• Hydrophone & Transducer manufacturing in Q1 2019
Thank you!

Any questions:
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