

**Igloo Innovations is a full-service engineering firm with demonstrated success in helping customers solve problems in all stages of the product development cycle.**

- Mechanical and Electrical Design for Extreme Environments
- System Integration, Test and Deployment
- Design for Prototype, Manufacturability, Commercialization
- Creative Video, Animation and Graphics
- In-field Project Management

# What we do

## MARINE/ SUBSEA/ OFFSHORE

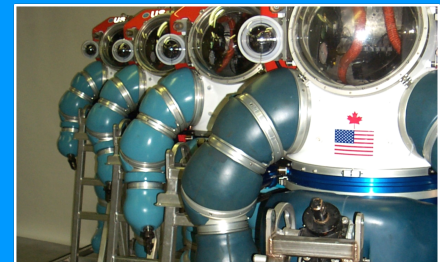
### SURFACE

- FPSO latch/ quick release
- ROV launch/ recovery (deck cradle, frames, umbilical)
- MSV Ship Layout Design (drilling, extraction, intervention)



### SUBSEA

- Instrumentation
- Communication nodes/ observatories
- Interfaces (communications, power, pressurization, ballast, latch/ release)
- Cabling and Connector Systems
- Telemetry
- Power Supply
- Pressure Vessels
- ROVs (mechanical, electrical, propulsion, hydraulics, ventilation, decompression)
- ROV/ Suit Tooling
- Oilfield decommissioning (procedures, tooling, rigging, supervision)
- Dive Suits (propulsion, mechanical, life support)



### SEABED

- Structures (platforms, frames, skids)
- Spill dispersant skids (power, pumping, fluid distribution, containment)
- Cabled communication nodes/ observatories
- Cabling/ Cable Installation



# Core Competencies



## APPLICATION COMPETENCIES

- Subsea Mechanical Design
- Subsea Electrical Design
- Subsea System Integration
- Tethered/ Umbilical Systems
- Pressure Vessels
- Mounting/Latching/Mating
- System Test Bed Design
- Energy Storage/ Battery Power
- Power Conversion and Conditioning
- Grid Interconnection
- Control & Automation
- Telemetry
- Technical Videos, Graphics and Animation
- Product Rendering, Brochures & Videos



# Thank You!

**Joe Vosburgh, COO**  
[jvosburgh@iglooinnovates.com](mailto:jvosburgh@iglooinnovates.com)  
**604.417.7457**