

Ice Observation Technology

Remote Sensing and Database for Oil & Gas Development in Arctic Region

Outline

Knowing ice is critical for arctic activities. We have developed the state-of-the-art **remote sensing technologies** of ice related issues. A new **database** with ice data of over 30 years also can support planning and operations in Arctic region.

What can be achieved

- Sea ice thickness sensor **“Advanced EM-BIRD”**
- Accurate & low-powered **“Pulse-Doppler Ice Radar”**
- **“Parametric Sub-Bottom Profiler”** to detect gouging under sediment
- **“Interactive Ice Database”** for mapping and analysis

