

Affiliates:

Arctec Engineering Inc.,
Columbia, Maryland, U.S.A.;
Offshore Technology Corp.,
Escondido, California, U.S.A.

Arctec operates a remote sensing interpretation laboratory, two ice model basins and large scientific cold rooms, with a unique capability to study all forms of ice features and all types of hard wave/ice interactions. The firm serves the oil and offshore industries, ship designers, governments, mining and transportation, with numerous clients abroad. Products include software for dredging operations and education simulators for navigation training, and personnel transfer equipment.

Arctic Sciences Ltd.

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Gary R. Wilton,
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Arctic Sciences Ltd. offers expert consulting services in the physical measurement and study of the ocean, including rental of oceanographic and meteorological equipment; design, logistics and instrument deployment/recovery services for oceanographic, sea ice and monitoring programs; data processing, analysis and interpretation; remote sensing of data for oceanic, sea ice and iceberg parameters; computer model development re pollutant transport and sea-ice interactions with offshore structures and marine transport; acoustic instrument development for all-weather measurements of environmental parameters; expert advice on environmental issues related to the disciplines of physical oceanography and sea-ice/iceberg climatology.



Arctic Sciences uses satellite images to reveal surface water-reflectance and temperature.

ASA Consulting Ltd.

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ASA Consulting Ltd. specializes in physical oceanography and ocean engineering as applied to estuarine, nearshore and continental shelf processes. A feature is the application of numerical techniques to the solution of problems ranging from applied fluid mechanics to continental shelf oceanography. A joint venture agreement with Applied Science Associates Inc. provides ASA Consulting Ltd. with access to internationally recognized expertise in the development and application of state-of-the-art numerical models. Projects include engineering applications, environmental impact assessments and basic scientific research. ASA also offers considerable experience in project planning and management. Clients have included government agencies, power corporations, private industry and major oil companies.