

**Mr. Kennedy, P.Eng** is the President of BKL Consultants Ltd. He has provided consulting services exclusively in acoustics and vibration since 1971. Throughout his career, Mr. Kennedy has acquired extensive experience in many areas, including architectural acoustics, industrial noise control and environmental noise assessment. In addition, he has developed specialized expertise in the field of shipboard noise control.

His work in architectural acoustics has covered a wide range of projects including hotels, hospitals, schools, sports and fine arts facilities. This has involved not only room acoustics but also noise isolation and noise control.

His work in the industrial field has included waste water treatment plants, pumping stations, hydro-electric power plants, and wide variety of other industrial facilities.

Environmental noise studies have formed a major part of Mr. Kennedy's professional career. He has been particularly active in the transportation field, having participated in many aircraft noise assessments, both civilian and military and assessment of noise from road traffic. He has also served as Technical Advisor on noise to Federal Environmental Assessment Review Panels.

Mr. Kennedy's involvement in the marine industry began in the early seventies with noise control work on towboats. This progressed to an ever increasing number of projects on Coast Guard and Fisheries vessels as well as a variety of ferries, including recent high-speed catamaran vessels. He has provided advice on shipboard noise control to naval architects and shipyards on both commercial and naval projects throughout Canada and the United States.

Throughout his career, Mr. Kennedy has published papers on various aspects of acoustics for the Canadian Acoustical Association, the Acoustical Society of America, Inter-Noise, the Society of Automotive Engineers and the Canadian Institute of Marine Engineers.

**Position:** Principal, BKL Consultants Ltd.

**Education:** Bachelor of Applied Science  
(Mechanical Engineering)

**Years of Experience:** 38

**Expertise:**

- Architectural Acoustics - Exterior noise isolation for CP Hotel at Vancouver International Airport Terminal and complete acoustical design of Whistler Four Seasons Hotel.
- Construction Noise - Prediction, measurement and assessment of noise during Little Mountain Reservoir reconstruction and Seymour water tunnel construction.
- Transportation Noise - Baseline monitoring, traffic noise prediction for South Surrey Interchange, North Fraser Perimeter Rd. and Sea-to-Sky Highway Improvement Project.
- Environmental Noise - Noise Studies at Vancouver International Airport. Assessment of noise impacts of low-level military aircraft training flights in Northwestern Canada and Goose Bay, Labrador. Environmental noise assessments for container and grain terminals at Roberts Bank.
- Marine Acoustics - Two Transport Canada research projects on marine noise control. Noise control for DND Acoustic Range vessels Coast Guard Ice Breakers up to 100m, car ferries up to 168m length and BC Ferries' "Fast Ferries".

