



TUGBOAT INDUSTRY CONFERENCE

EVOLUTION OF THE INDUSTRY PART 1: INFLUENCES

MAY 2nd to MAY 4th, 2019
THE EMPRESS HOTEL, VICTORIA BC

721 Government St, Victoria, British Columbia

Sponsored by the Council of Marine Carriers



**THURSDAY,
MAY 2ND**

**[09:00]
Golf**

Venue: Highland Pacific Golf Course

**[17:00 - 19:00]
Conference Registration**

**[17:00 - 20:00]
Opening Night Hospitality Reception**

Venue: Palm Court

**FRIDAY,
MAY 3RD**

**[08:45]
Conference Opening**
Conference Chair
Capt. Leo Stradiotti

**[09:00]
Key Note Address:**
Todd Hirsch
Vice President + Chief Economist, Communications & Strategic Coordination

"Canada's Economy 2019: ONE thing that matters a little, and FIVE things that matter a lot"

SESSION 1

The Economy

[09:30]
Stephen Brown
Director of Marine Operations & Security, Harbour Master, Port of Vancouver

"The Port of Vancouver, Canada's critical maritime economic hub"

FRIDAY, MAY 3RD

[10:00]
Peter Lister
Vice President, Commercial Services, Seaspan Marine
"Rising Tides: How Economic Growth has Driven the Tug Boat Industry in BC"

[10:30] Coffee Break



**SESSION 2
Technical Influences**

[10:45]
Sylvain Robitaille
Regional Manager, Canada Schottel Marine Propulsion Systems
"From SCHOTTEL's 1951 invention until today: 70 years of Azimuth Propulsion System evolution."

[11:15]
Patrick Webb
Sales Manager, Americas GE Transportation
"Clean Marine Power: The Evolution of a Low Emissions Diesel Engine"

[11:45]
Jurriaan Daams
Area Manager, Canada, Damen
"Damen's IMO Tier 3 Solution"

[12:00]
Legacy Award and Lunch
Venue: Upper Pavilion at the Victoria Conference Center

SESSION 3

Our Partners

[13:30]
Roy Haakonson
President, British Columbia Coast Pilots
"Pilots, Tugs and XL Vessels"

[14:10]
David Schick
Director of Policy and External Affairs, Parkland Fuel
"Changing fuel specifications and policy influences on the marine market"

[14:50] Coffee Break



**SESSION 4
Industry Impacts**

[15:20]
Bikram Kanjilal
Director, Marine Development Trans Mountain Pipeline
"Enhanced use of tugs to support Trans Mountain Expansion Project-related marine shipping"

[16:00]
John Armstrong
SAAM/SMIT (retired)
"The more things change the more they stay the same"

[16:45]
Exhibitors' Cocktail Party
Venue: Palm Court and Crystal Ballroom

**SATURDAY,
MAY 4TH**

SESSION 4

Industry Impacts continued

[08:30]
Bob Brash
Forestry Consultant
"Tides of Change"

**SESSION 5
Government Influences**

[09:15]
Roger Girouard
Assistant Commissioner, Canadian Coast Guard
"Making Way to a Stronger Future on BC's Coast"

[10:00] Coffee Break

[10:20]
Bob Gowe
Manager Marine Projects, Transport Canada
"Navigating the Oceans Protection Plan"

[11:15]
Closing Remarks
Conference Chair
Capt. Leo Stradiotti

[18:00]
Evening Reception
Venue: Palm Court

[19:00]
Gala Dinner, Entertainment & Casino
Venue: Crystal Ballroom

All sessions will take place in the Crystal Ballroom.

LEGACY AWARD

Robert G. Allan,
P.Eng., FEC, FRINA, FSNAME



CONFERENCE DETAILS

[07:00] - [09:00]

A continental breakfast will be served from 07:00 to 09:00 on both Friday and Saturday in the Bengal Room – all welcome!

All cocktail receptions include a hosted bar and Hors-d'oeuvres. Please join us to view the exhibitors displays and for great networking opportunities.

This year, we are inviting delegate's spouses to join us and the Empress catering staff to learn how to make tea sandwiches and then to enjoy them during a private Empress Afternoon Tea session. This spouses program will run from 1400 to 1600. Please let us know in advance if your spouse will be interested in participating.

Robert Allan is a third generation naval architect (all of the same name), whose family moved to Vancouver from Scotland 100 years ago this year. Since graduating with honours from the University of Glasgow in 1971 with a B.Sc. in Naval Architecture, Rob Allan has been designing high-performance commercial workboats of all types, most notably high-performance tugboats for tanker escort and offshore terminal operations. In 1981, he succeeded his father as President of Robert Allan Ltd. and led the growing company to a position of international prominence in the field. He is internationally recognized as a leading authority on the subject of tug and specialized workboat design and has received major peer awards for this work, including:

- 2005: Royal Institution of Naval Architects (UK), Small Craft Group Medal for significant lifetime achievements in Naval Architecture.
- 2005: Society of Naval Architects and Marine Engineers (SNAME) David W. Taylor Medal for Notable Achievement in Naval Architecture
- 2012: "Beaver" Medal from Maritime Museum of British Columbia for significant contributions to the maritime industry of BC
- 2017: Meritorious Achievement Award from the Engineers and Geoscientists of British Columbia in recognition of significant technical achievements within the engineering and geoscience professions
- 2017: The BC Export Award for Leadership from the BC Ministry of International Trade in recognition of an individual who actively champions the cause of exporting in BC within their field of expertise.

He is a Registered Professional Engineer in the Province of BC, and a Fellow of both SNAME and RINA. Mr. Allan has authored numerous papers and several text book chapters on the subject of tug and workboat design. He has twice earned the ABS Joseph H. Linnard Prize for Best Paper presented to the SNAME Annual Meeting (2000 and 2010).

He was a co-Chairman of the International "SafeTug" Joint Industry Project, (2005-2010) and the Chairman of the Bollard Pull JIP, (2016-2018) both conducted under the auspices of the MARIN research institute in the Netherlands.

He is a long term Trustee of the Vancouver Maritime Museum, and a member of the SS Master Society.

Since selling the company to senior employees in 2008, and fully retiring from active duty in June, 2017, Mr. Allan continues to serve as Executive Chairman of the Board at Robert Allan Ltd., and mentoring the next generation of designers within the Company.



CONFERENCE ORGANIZING COMMITTEE

Capt. Leo Stradiotti
Conference Chair

Teresa Ledesma
Council of Marine Carriers

Capt. Phillip Nelson
Council of Marine Carriers

Doreen Egger
Aon Reed Stenhouse Inc.

Deborah Reed
Seaspan ULC

Capt. Ferdi van de Kuijlen
Island Tug and Barge Ltd.

Colleen Detina
Seaspan ULC

CMC OFFICERS AND STAFF

Capt. Leo Stradiotti
CMC Chairman

Capt. Phillip Nelson
CMC President

Ms. Teresa Ledesma
CMC Executive Assistant

CMC MEMBER COMPANIES

FULL MEMBER COMPANIES

Catherwood Towing Ltd.
Chase Towing & Salvage
D.H. Timber
FMW Towing Ltd.
Fraser River Pile and Dredge (GP) Inc.
Harken Towing Co. Ltd.
Hodder Tugboat Co. Ltd.
Island Tug and Barge Ltd.

Jones Marine Services Ltd.
Lafarge Canada
Ledcor Resources & Transportation Limited Partnership
Marine Harvest Canada
Mariner Towing Ltd
Mercury Launch & Tug
North Arm Transportation
Pacific Towing Services Ltd.

Quatsino Navigation Co. Ltd.
Seaspan Ferries Corporation
Seaspan ULC
Saam Smit Marine Canada Inc.
Saam Smit Vancouver Inc.
Saam Smit Westminster Inc.
Shearwater Marine Ltd.
Tymac Launch Service Ltd.

AFFILIATE MEMBER COMPANIES

Alexander Holburn Beaudin & Lang LLP
All West P&I Services Ltd.
Amix Heavy Lift
Aon Reed Stenhouse Inc.
Boatrac
City Transfer Inc.
Dynamic Heavy Lift

Helm Operations
International Shipowners Alliance of Canada
Marine Learning Systems
Mill Log Wilson Equipment
Nanaimo Port Authority
Norton Rose Fullbright Canada
Parkland Fuel Corporation

Peter Kiewit Infrastructure Co.
Petro-Canada, Suncor Energy Partnership
Robert Allan Ltd.
West Coast Fuel & Transport Ltd.,/ ICS
Willis Canada Inc.



The sponsor of the Conference is the Council of Marine Carriers (CMC). The Council was formed in 1975 when the British Columbia Towboat Owners' Association (BCTOA) and the Towboat Industrial Relations Association (TIRA) joined together as a non-profit organization to ensure that the industry's technical and labour interests were protected and advanced.

The mandate of the Council of Marine Carriers is to further the interests and to conserve the rights of members of the Council and to promote their general welfare. CMC now represents 24 Canadian Towing companies and enjoys 19 Affiliate members. CMC liaises with all levels of government in technical and operational matters.

The Council's role is to formulate and advocate policies, legislation and regulations which are beneficial to the tug and barge industry. We promote safety and encourage our members to adopt modern methods, devices and practices conducive to safety in operations. We work with regulators to modernize the regulatory system to further the safety and efficiency of the marine industry. In addition, the Council establishes and implements common operational programs including those related to occupational safety and health in the workplace, marine security and training for seagoing employees.

CMC Website: www.comc.cc