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Safer Ships – Safer Crews

# The Pilotage Paradigm - Shifting the Culture

## A SafeShip Seminar

### Seminar Highlights Include

- Pilotage Safety & Quality Management
- BRM Review
- Safety Investigations - Theory & Practice of 'no fault' investigations
- Human & Organizational Factors that contribute to accidents
- Events Analysis
- Best practices and new developments
- Passage Planning & the Shared Plan
- Safety Culture & Reporting Culture

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**What this seminar is not:**

The Pilotage Paradigm seminar is not BRM training nor do we spend any time in a simulator. Those objectives are more effectively delivered by specific BRM courses. In fact, delegates are strongly encouraged to have followed BRM training prior to attending this seminar.

**What this seminar is:**

The Pilotage Paradigm seminar is specifically tailored to pilots and pilotage administrators. Three days are spent on the following major themes;

- reviewing worldwide best practices for pilotage and BRM
- analyzing specific case study accidents
- an overview of human and organizational factors in accidents
- safety investigation theory and practice
- safety culture and reporting culture

Class exchanges and discussions as well as extensive use of case studies help delegates absorb and truly understand the wealth of material that is presented. Tailored to Pilots and Pilotage Administrators, this seminar will help give these persons the tools they need to make their operations even safer.

Please visit [www.safeship.ca](http://www.safeship.ca) for more information or drop a line to [seminars@safeship.ca](mailto:seminars@safeship.ca) for a complete seminar outline.

For hundreds of years the delivery of pilotage has been an act of singular artistry – an extraordinary demonstration of knowledge and skill channelled through one individual – the pilot. To a great extent, current pilotage services continue to be delivered in this manner.

Delivering pilotage services in this classical fashion has proven efficient but it has nonetheless been marred with preventable accidents, many of which were due to an inherent weakness - single point failure. The consequences of some of these accidents have been very serious not only for the ship and its' crew but the environment and the individual pilot involved.

The consequences of single point failure have been mitigated by the teamwork approach which has been developed and refined in various industries. In the marine industry, this has taken the form of bridge resource management (BRM) training. Although BRM techniques have helped raise awareness of the teamwork approach on ships, BRM remains more a theoretical concept than a practised routine during pilotage.

While each pilot and pilotage service is free to adopt their own techniques, methodology and procedures, the Pilotage Paradigm seminar will help delegates improve their safety performance by raising their awareness in key areas as well as providing cross pollination opportunities for attendees. The seminar is also designed to help pilots and pilotage administrators in their continuous improvement efforts by laying the foundations for safety investigations and a deeper understanding of human factors.

## Seminar Speakers

### **Captain Paul Drouin** MM, MNI

Paul has spent over a decade as a marine accident investigator . He has attended IMO and has published numerous papers in marine industry journals.

Before his work as an accident investigator he enjoyed a 20 year career with the Canadian Coast Guard as an officer and Master on various vessels. During this time he acquired substantial experience in ice navigation as well as ship manoeuvring and pilotage in restricted waters.

Paul's ship-board experience was complemented by several years as Regional Marine Superintendent with the Canadian Coast Guard.

Paul is a graduate of the Canadian Coast Guard College, a Master Mariner and member of the Nautical Institute.

### **Captain Robin Heath** MM, MSc, MNI

Robin has been involved in pilotage operations since 1995. After his seagoing career he moved into pilotage as the Director of Operations for the Pacific Pilotage Authority on the west coast of Canada.

Robin also practised as a pilot at the Port of Halifax, Canada and is now an active pilot at the Port of Newcastle, Australia. He was also a past Harbour Master with Sydney Ports, Australia.

Robin is a graduate of the Canadian Coast Guard College and the University of Plymouth, England, with a Master of Science in International Shipping. He is a Master Mariner and member of the Nautical Institute.

