



2015 Shipwrecks Conference

Arctic Exploration

Conference Outline

Day Sessions

Marc-Andre Bernier, Chief of Parks Canada Underwater Archaeology Service. Marc-Andre has been leading the Parks Canada efforts to locate the lost Franklin Ships *Erebus* and *Terror*.

Session Title: Fort Lennox to HMS Erebus: 50 years of Underwater Archaeology at Parks Canada

Dr. James Delgado, author, underwater archaeologist and explorer; Director of Maritime Heritage for NOAA

Session Title: Mapping of the Francis McClintock's Steam Yacht Fox in Greenland

Francis McClintock captained the *Fox* search in 1857 to 1859 for Sir John Franklin. The *Fox* sank in 1912 off Qeqertarsung on the west coast of Greenland. James Delgado lead an August 2003 expedition to map its remains.

Capt. Stuart Aldridge, Captain of the CGCS *Wilfred Laurier*

Session Title: Every Summer to the Arctic

The Canadian Coast Guard's long standing Arctic presence and the search for Franklin.

Capt Ken Burton: Capt. RCMP Retired, Executive Director of the Vancouver Maritime Museum

Session Title: Mounties, Muktuk & Mushing – Policing the Top of the World

A commentary and discussion on the role the RCMP played in the early development & exploration (1900-1950) of Arctic Canada. Emphases will be on the *St. Roch*, as well as land based exploration of Ellesmere & Baffin Island and the establishment of the Central Governments sovereignty interest in the High Arctic.

Jacques Marc, UASBC Explorations Director

Session Title: 40 years of UASBC Exploration

In 1975, the UASBC was formed following a continuing education course taught at UBC by Parks Canada archaeologists. Since then, it has grown into one of the largest and most active avocational underwater archaeology organizations in the world. It has surveyed over 100 shipwreck sites; published 12 publications; put on 30 Annual Conferences and hundreds of public presentations. Jacques Marc, who has been at the centre of that work since 1982, will lead us on some of the highlights since 1975.

Dr. John Jenness

Session Title: The Acquisitive and this Inquisitive

The First Canadian Arctic Expedition (1913-1916).

A highly unlikely gathering of men and equipment, set off to explore the unknown of the Canadian Arctic. Dr. Jenness' grandfather, Diamond Jenness, a junior scientist (an ethnologist by training), survived the sinking of the expedition vessel the *Karluk* and unimaginable hardships over the next three years.

Dr. Peter Fox, Mark Atherton, and Dr. Phil Nuytten. Dr. Fox is one of Canada's top sonar scientists. Mark Atherton is a world leader in the application of sonar technology and author of 'Echoes and Images, The Encyclopedia of Side-Scan and Scanning Sonar Operations'. Dr. Nuytten is one of the world's leading submersible and subsea designers. Their presentation will review the current technology and a glimpse of future technology for Arctic underwater exploration.

Session Title: A panel discussion on underwater technology to survey and record shipwrecks in the Arctic

Capt. David Woodman, BC Ferries captain, Arctic explorer and author

Session Title: Inuit tales of Erebus

Inuit testimony assisted in the discovery, what do they say may be found?



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Woodward Lecture and Dinner

Speaker

Marc-Andrea Bernier, Chief of Parks Canada Underwater Archaeology Service.

Lost in the Ice: the Archaeology of HMS Erebus

In 2008, Parks Canada launched a multi-year program to locate the lost ships of Sir John Franklin's 1845 expedition. This program grew over the years to become a large multi-partner collaboration that led to the discovery in September 2014 of one of the two vessels, HMS Erebus. The shipwreck lies in relatively shallow water and is in very good condition, standing in places up to 5 meters above the sea-floor. This presentation will give an overview of the discovery and showcase the latest information regarding the archaeological work on this site that offers a new wealth of data to better understand the ill-fated Franklin expedition.

Marc-Andre Bernier will have spent 3 weeks diving under the ice on the *HMS Erebus* just before the Conference, and his talk will be one of the first public presentations after those dives – which are expected to yield phenomenal images of intact artifacts.