

**SCHEDULE A - Annex 2018-1 (Revised)**

Date: 06 August 2018

**REQUEST FOR HYDROGRAPHIC PRODUCTS, DATA OR EXPERTISE****1. Hydrographic Products or Expertise being requested:**

This Schedule A 2018-1 is hereby appended to the Memorandum of Understanding regarding the United States- Canada Hydrographic Commission signed on March 27, 2018.

This MOU allows hydrographic survey collaboration between the U.S. and Canada and provides a mechanism by which U.S. and Canadian hydrographic authorities may arrange for the conduct of modern hydrographic surveys by one State in waters subject to the jurisdiction of the other State.

The Canadian Hydrographic Service (CHS) produces the nautical chart for the St. Lawrence River, including US and Canada waters.

The Canadian Survey launch *Bockmaster* will conduct the survey.

**2. Purpose of Request:**

It is the intent of Fisheries and Oceans Canada - Canadian Hydrographic Service to collect high-resolution, full bottom coverage bathymetry utilizing a small vessel based multibeam echosounder system in the project area of the United States.

**3. Starting Date and Duration of Project:**

The project will commence on August 6, 2018, with a scheduled Departure of September 14, 2018. The duration of the project will be 41 calendar days.

**4. Deliverables (reports, etc.):**

Preliminary data collected shall be made available to the coastal state thirty days after the date of collection. Final processed data and field reports shall be made available to the coastal state three months after the end of the survey. Data shall be shared via on-line file sharing protocol or traditional hard-drive media

**5. Financial Arrangements (which agency is paying for travel, training, shipping, etc.)**

Financial arrangements and responsibility are that of the sponsoring institution: Fisheries and Oceans Canada - Canadian Hydrographic Service

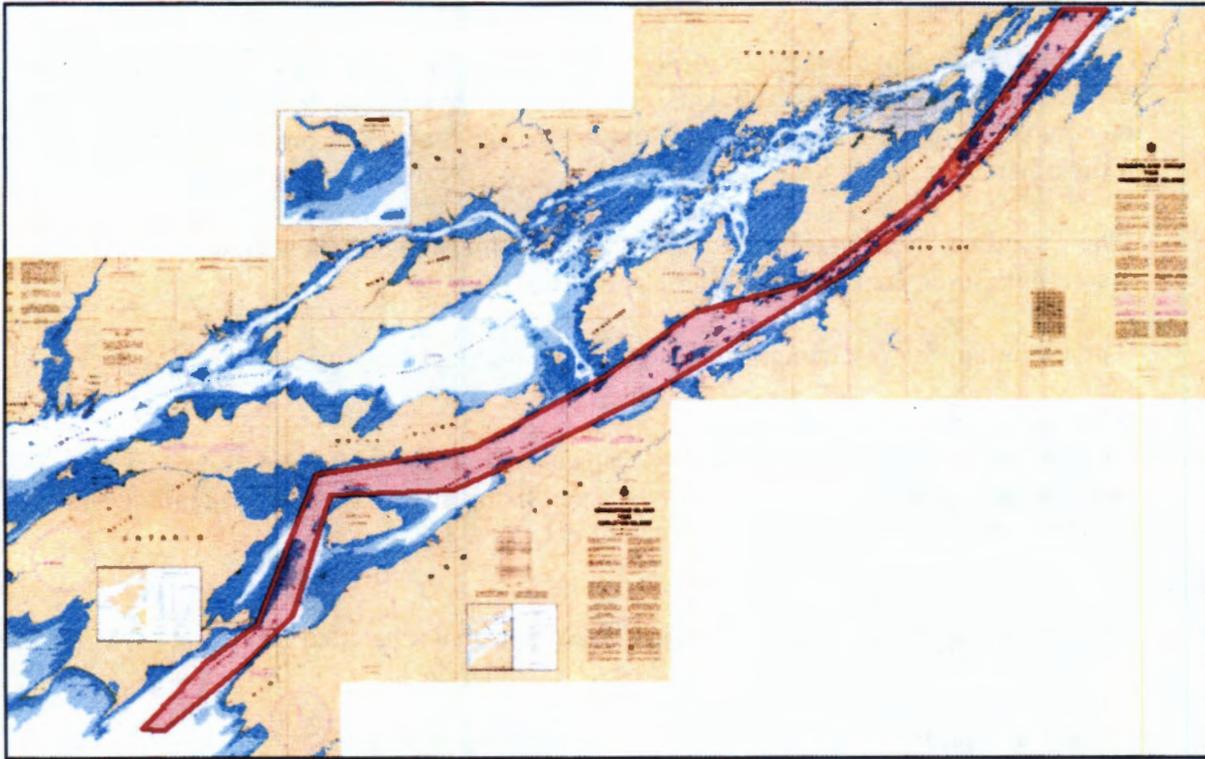
Name: Canadian Hydrographic Service – Central and Arctic Region
Address: 867 Lakeshore Road, Burlington ON Canada L7S 1A1
Name of Director: Chris Marshall

**6. Additional Information:**

The hydrographic survey will be conducted to update charts of the St. Lawrence River. It is the intent of the Canadian Hydrographic Service to minimize duplication of effort between the two countries and to simplify navigation for mariners using the St. Lawrence River by sharing final

hydrographic data with NOAA Office of Coast Survey. Previous surveys were conducted in this sector between 1963 and 1980. Previous charts are CHS Charts 1439, 1438, and 1437.

The following chart(s) shows the geographical areas of the intended work.



The Scientist in Charge of the project is Scott Youngblut, Assistant Manger of Operations, 867 Lakeshore Road, Burlington Onatario, Canada, L7S 1A1, telephone (905) 336-6249; fax (905) 336-8916, and e-mail [Scott.youngblutt@dfo-mpo.gc.ca](mailto:Scott.youngblutt@dfo-mpo.gc.ca).

The U.S. point of contact is: Captain Richard Brennan, NOAA Office of Coast Survey, Chief Hydrographic Survey Division, 1315 East-West Highway #6108, Silver Spring, MD, USA, telephone (240) 533-0030, and e-mail: [richard.t.brennan@noaa.gov](mailto:richard.t.brennan@noaa.gov).

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Director and U.S. National Hydrographer  
Office of Coast Survey  
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U.S. Department of Commerce

Date:

8/8/2018

Dr. Geneviève Béchar  
Hydrographer General of Canada and  
Director General, Canadian Hydrographic  
Service, Ecosystems and Oceans,  
Department of Fisheries and Oceans,  
Canada

Date:

8/8/2018