

47th Meeting – 30-31 May 2024



International Hydrographic Organization (IHO)

United States-Canada Hydrographic Commission (USCHC)

Meeting Agenda – V 04

30-31 May, 2024

Canadian Hydrographic Service
Northwest Atlantic Fisheries Centre
80 East White Hills Road
St. John's, NL,
A1C 5X1

Important Notes:

1. Please arrive at least 15 minutes prior to the event each day so that you can be signed in at the front desk. Someone from CHS will be there to guide you to the desk and direct you to the meeting room.
2. When you arrive in the meeting room you will be given a personalized username and password for the DFO Guest Wi-Fi. Still, it is recommended that you bring your own digital copies of the meeting material as a backup.
3. Teams call-in information:
Day 1: [Click here to join the meeting](#); Alternate call-in information: [+1 647-484-5913,,440312114#](#) Conference ID: 440 312 114#
Day 2: [Click here to join the meeting](#); Alternate call-in information: [+1 647-484-5913,,295251880#](#) Conference ID: 295 251 880#

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Agenda Item	Time (NDT) ⁱ	Topic	Discussion Lead	Notes
Day 1				
	14h00	Arrival, refreshments, and settling-in		Beverages and light snacks provided
1	14h30	Introductions and Welcome Welcome from RDG (or RDS) Opening Remarks from co-chairs and IHO Sec-Gen Security and logistics <i>Meeting DOCs can be found here.</i> <i>DOC: USCHC47-01 List of Participants</i>	W. McGillivray M. Larocque RDML B. Evans Dr. M. Jonas S. Bhatia	
2	14h50	Approval of the Agenda <i>DOC: USCHC47-02 USCHC47 Agenda</i>	M. Larocque	
3	14h55	US National Report <i>DOC: USCHC47-03A US National Report (For Information: NOAA Center of Excellence Overview)</i> <i>DOC: USCHC47-03B US Presentation</i> <i>DOC: USCHC47-03C INF: OCS Strategic Plan (2023-2027)</i> CA National Report <i>DOC: USCHC47-03D CA National Report (For Information: CHS Workforce of the Future Report)</i> <i>DOC: USCHC47-03E CA Presentation</i> <i>DOC: USCHC47-03F CHS Strategic Plan (2020-2030)</i>	RDML Evans M. Larocque	

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4	15h55	IHO Report <i>DOC: USCHC47-04 IHO Secretariat Report</i>	Dr. M. Jonas	
5	16h10	UKHO Report <i>DOC: USCHC47-05 UKHO Report</i>	S. Hardern	
6	16h25	Actions outstanding for USCHC <ul style="list-style-type: none"> • USCHC46 • IRCC14 • 7th Council • 3rd Assembly <i>DOC: USCHC47-06 Actions Outstanding for USCHC</i>	USCHC Secretariat	
7	16h50	Group Photo		
	17h00	End of Day 1		
18h30		No-Hosted Dinner Restaurant: The Merchant Tavern John's, 291 Water St, St. John's, NL A1C 1B9 Directions: The Merchant Tavern - Google Maps		Please confirm participation on the Google Sheet
		Day 2		
	08h15	Arrival and set-up		
8	08h30	Hydrographic Geospatial Products and Services Committee (HGpsc) Report <ul style="list-style-type: none"> • USCHC46 Action Items Update • Regional Collaboration Status Update • S-102 and S-104, S-111 – How do we address junctions? • S-100 Workplan – How do we get to 2026? • Sharing Protocols for ENCs Supporting Automated Transboundary Charts (NOAA Custom Chart/Paper Chart 2.0) 	M. Foroutan, C. Ence (co-chairs) et al. J. Nicholson (Discussion)	

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		<ul style="list-style-type: none"> Formal approval of Transboundary ENC Cut Approach (ENC Cut Schedule A) <p><i>DOC: USCHC47-08 HGPSC Report</i></p>		
9	10h00	Break		Refreshments Provided
10	10h15	<p>S-100 Implementation: WENDWG update</p> <ul style="list-style-type: none"> WENDWG report <p><i>DOC: USCHC47-10 WENDWG Report to USCHC</i></p>	J. Nicholson	
11	10h45	<p>S-100 Implementation</p> <ul style="list-style-type: none"> MSDI Working Group Report & OGC MFSDI Pilot Project Update FOR Information: Government of Canada S-100 Committee U.S. S-100 Implementation Update S-101 - Timeline and approaches to S-101 <p><i>DOC: USCHC47-11A IHO MSDI Report & OGC MFSDI Pilot Project Update</i> <i>DOC: USCHC47-11B S-100 Interdepartmental Government of Canada Committee</i> <i>DOC: USCHC47-11C US S-100 Implementation Update</i></p>	<p>C. Hemmingway & B. Zapp R. Jefferies</p> <p>D. Wright G. Cavanagh</p>	
12	11h30	<p>USCHC engagement with other international initiatives</p> <ul style="list-style-type: none"> GEBCO/Seabed 2030 Coordinator report 	<p>A. Armstrong A. Forbes</p>	
13	11h45	<p>USCHC Capacity Building</p> <p><i>DOC: USCHC47-13 CB Coordinator Report</i></p>	J. Justi	

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14	12h00	Lunch		Lunch Provided
15	13h00	<p>Earth Observation & New Technologies</p> <ul style="list-style-type: none"> • Exploring automated processes with reference to the Canadian paper to HSSC-16 HSSC16-2024-05.4C Automated paper charts from ENCs • Pressure on traditional products • Autonomous systems: US Experience with drone technologies <p><i>DOC: USCHC47-15A Collaboration Opportunities with Testing Uncrewed Survey Vessels</i> <i>DOC: USCHC47-15B Pressure on Traditional Products</i></p>	<p>D. Gaulton G. Cavanagh C. Marshall</p> <p>CAPT Sam Greenaway J. Nicholson</p>	
16	13h45	<p>C-55 in Region A</p> <ul style="list-style-type: none"> • Align on method, definitions, and output for consistency <p><i>DOC: USCHC47-16 C55- Current Methods and Opportunities to Streamline and Achieve Consistency in Approach</i></p>	<p>C. Fandel R. Chenier</p>	
17	14h15	<p>Informational and other items of interest</p> <ul style="list-style-type: none"> • MOA Schedule A’s report • IHO Strategic Plan <p><i>DOC: USCHC47-17 FOR SIGNATURE: ENC Cut Scenarios</i></p>	<p>J. Justi</p>	
18	14h45	Break		Refreshments Provided

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19	15h00	<p>Expansion of hydrographic risk assessment methodology with reference to ARHC13.C1 ARHC13.C1 Arctic Hydrographic Risk Assessment 2023 update & revised baseline</p> <p><i>DOC: USCHC47-19 Testing Arctic Hydrographic Risk Assessment Methodology</i></p>	<p>C. Hemmingway C. Marshall B. Buesslerer</p>	
20	15h30	<p>Collaboration in the Great Lakes and St. Lawrence</p> <ul style="list-style-type: none"> • Opportunities for collaboration stemming from St. Lawrence test bed with reference to Canadian paper to HSSC-16 HSSC16-2024-05.1H Canadian S-100 sea trial area • Opportunities for collaboration in the Great Lakes, including Gap Analysis demo • Extend testbed to Eastern Lake Ontario • Lakebed 2030 Conference <p><i>DOC: USCHC47-20 – Paper on Great Lakes and St. Lawrence</i></p>	<p>M. Larocque RDML B. Evans</p> <p>C. Marshall</p> <p>A. Armstrong</p>	
21	16h30	<p>Preparations and deadlines for USCHC</p> <ul style="list-style-type: none"> • 16th IRCC • 8th Council • 4th Assembly <p><i>DOC: USCHC47-21A Preparations and deadlines for USCHC</i> <i>DOC: USCHC47-21B USCHC Report to IRCC</i> <i>DOC: USCHC47-21C USCHC Report to CBSC</i></p>	<p>USCHC Secretariat</p>	

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22	16h40	Review of USCHC47 Actions <i>(Subject to time; may be circulated post-meeting)</i>	USCHC Secretariat	
23	16h50	Next Meeting USCHC48	RDML B. Evans	
24	16h55	Closing Remarks and Observations	M. Larocque RDML B. Evans Dr. M. Jonas	
	17h00	Closure of Meeting	M. Larocque	

ⁱ Newfoundland Daylight Time is 1:30 hour ahead of Eastern Daylight Time