



Chart Advisory Committee (CAC) Meeting Minutes

Thursday February 21st, 2019 from: 14:30 to 16:00 (*Ottawa CAN / Eastern US Local Time*)

Participants:

 Canada – Canadian Hydrographic Service (CHS)

 United States of America (US) – National Oceanic and Atmospheric Administration (NOAA)


Topics:


- **US/Canada Transboundaries**
 - NOAA is currently working on reschemed coverage plan to reduce the amount of production scales to less than twelve (12) scales.
 - NOAA provided their study results comparing the reschemed NOAA electronic charts and their effect on the current agreements.
 - Revisited previous overlap agreements (MOAs) along the Atlantic Coast, Pacific Coast, Arctic, and the Great Lakes.
 - Based on the overlap results, NOAA proposes the use of S-57 M_COVR encoding to preserve shape of gridded cells that overlap the US/Canadian Boundary.

- **The Next Generation Electronic Navigation Chart (ENC)**
 - CHS also showed their own rescheming plan for the near future.
 - The future CHS rescheme plan will consist of three (3) usage bands, contrasting with the NOAA's plan of six (6) usage bands.
 - Currently, CHS is considering aggregation of grid tiles in some areas to decrease number of products while preserving a gridded system.
 - CHS is conducting a study, where the first phase is expected to be completed by July/August 2019.

- **Paper Chart 2.0**
 - After the reschemed chart discussions, CHS presented their proposal for the HSSC and NCWG:
 - In the proposal, CHS recommends freezing the S-4 Standard at Edition 4.8.
 - The main reason is to allow an ENC-First production line, rather than have two parallel production lines
 - CHS is reaching out to sister organizations to support this proposal.
 - CHS will request the NCWG to develop and test automated paper chart creation from ENC databases.

Action Items:

- **Action 1 – US  to:**
 - Provide Band 4 and Band 5 coverage of US (NOAA) reschemed ENC coverage to Canada (CHS) in shapefile or geodatabase format.
 - Provide a shapefile or geodatabase with agreed upon US/Canada boundary.

- **Action 2 – Canada  to:**
 - Provide US (NOAA) Canadian (CHS) S-100 reschemed cell coverage with scales in shapefile or geodatabase format.

Next Meeting:

- The two organizations agreed to start on the Great Lakes and Atlantic transboundary coverage with a follow-up meeting after the USCHC sometime in April.

CHC Contact List:

Canada

Name and contact Info	Title	CHS Office / Region	Transboundary area of expertise	Role
Louis Maltais Louis.Maltais@dfo-mpo.gc.ca (613) 990-0265	Director of Hydrospatial Products and Support	Ottawa, ON / (Head Quarter)		Project lead
Lynn Patterson Lynn.Patterson@dfo-mpo.gc.ca (613) 204-9054	Manager, Hydrospatial Engineering and Support	Ottawa, ON / (Head Quarter)		Senior Adviser, IT infrastructure, and IHO specifications
Douglas Brunt Douglas.Brunt@dfo-mpo.gc.ca (613) 863-4520	Senior Adviser, Products and Services	Ottawa, ON / (Head Quarter)		Senior Adviser and IHO specifications
Michel Breton Michel.Breton@dfo-mpo.gc.ca (613) 324-3066	S-100 Coordinator	Ottawa, ON / (Head Quarter)		GIS, Technical adviser and coordination
Laura Colombe Laura.Colombe@dfo-mpo.gc.ca (905) 336-4917	Manager, Products and Services	Burlington, ON / (Central & Arctic)	<ul style="list-style-type: none"> • Great Lakes Record 2012-4 • Alaska Record # 2012-1 	Central and Arctic Products and Services Adviser
Daniel Brousseau Daniel.Brousseau@dfo-mpo.gc.ca (905) 336-6475	Supervisor, Products and Services	Burlington, ON / (Central & Arctic)	<ul style="list-style-type: none"> • Great Lakes Record 2012-4 	Central and Arctic Products and Services Adviser

			<ul style="list-style-type: none"> Alaska Record # 2012-1 	
Annie Biron Annie.Biron@dfo-mpo.gc.ca 418-775-0517	Manager, Products and Services	Mont-Joli, QC / (Quebec)		Quebec Products and Services Adviser
Mark Leblanc Mark.LebLANC@dfo-mpo.gc.ca (250) 363-6355	Manager, Products and Services	Sidney, BC / (Pacific)	<ul style="list-style-type: none"> Northwest Record # 2011-1 	Pacific Products and Services Adviser
Tom Rowsell Tom.Rowsell@dfo-mpo.gc.ca (902) 426-4581	Manager, Products and Services	Halifax, N-S / (Atlantic)	<ul style="list-style-type: none"> Atlantic Coast Record # 2012-1 	Atlantic Products and Services Adviser

US

Name and contact Info	Title	Role
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