



Mariners' Workshop 2018

SOUS-COMITÉ SUR LA NAVIGATION ÉLECTRONIQUE DU QUÉBEC



January 31, 2018



MEETINGS

- Quebec City, June 8, 2017
- Montreal, November 22, 2017
- Membership update - ECCC





AIS BROADCASTING MET HYDRO DATA

- Update – GCC on the West Coast test bench
 - Up to 19 stations
 - Ready for implementation in other regions
 - Great Lakes (8)
 - St. Lawrence River (16)
 - Atlantic (17 planned)
 - West Coast (Additions)





AIS BROADCASTING MET HYDRO DATA

- Challenges
 - Display standards
 - Signal transmission reliability
 - Message update frequency
 - Messages prioritization





AIS synthetic and virtual AtoN test bench

- Work in progress
 - Precision
 - Used as a mean for calibrating nav instruments
- Critical AtoN
 - Buoys motion radius tracking
 - High current flow rate
 - Hardly reachable locations/reefs
 - Marine protected areas
- Mariners' feedback - GCC





CHS UPDATE Ocean Protection Plan

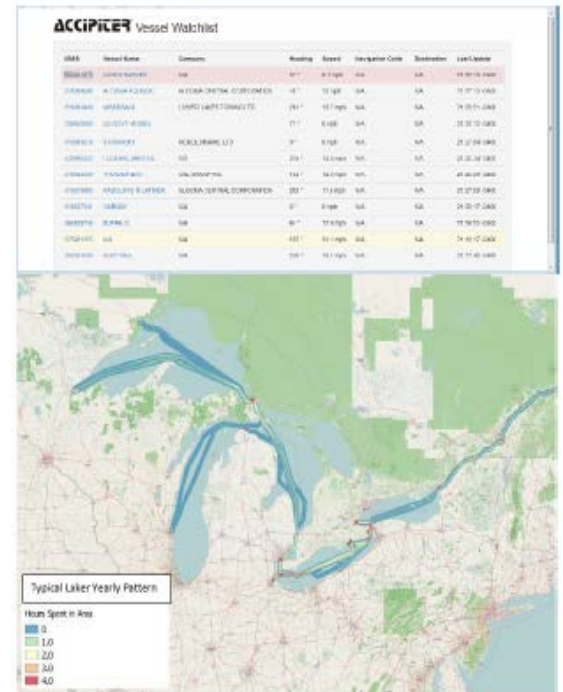
- Charting modernization
 - S-100
 - S-102 Bathymétrie
 - S-111 Surface Curent
 - S-104 Niveau d'eau
- Canada US(NOAA) moving forward to common platform, June 2018
- Lidar for rapid mapping
- Water level monitoring stations Canadian standardisation
- HD bathymetry /Curent/Water levels for PPU (NavSim & SealQ)



Marine Domain Awareness

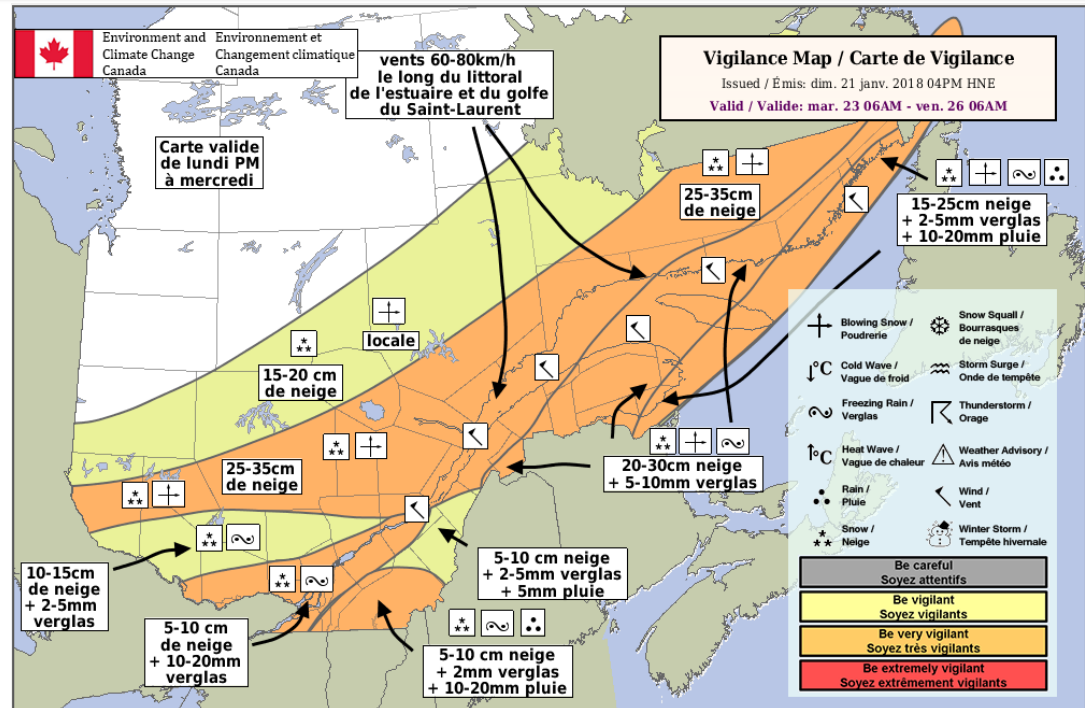
Accipiter presentation

- Safety
- Operational efficiencies
- Environmental
- Security
- Resiliency: Backup to GPS Navigation



Weather Network

- Test bench
 - SAM
 - Windguru
 - ECCC – Storm Prevention Center



Port “Collaborative Decision Making” (CDM)

- Presentation and topic for a Workshop



An aerial, high-angle photograph of a container ship's deck. The deck is filled with numerous colorful shipping containers in shades of red, green, yellow, blue, and orange, arranged in neat rows that recede into the distance. The ship is moving through a clear, bright blue ocean under a sky with scattered white clouds. In the background, two other large ships are visible on the horizon. The word "MERCI" is overlaid in the center of the image in a white, sans-serif font.

MERCI

