

IALA COUNCIL 75th session



30 May – 3 June 2022
Copenhagen
Denmark

7 – NATIONAL MATTERS

7.6 Canada

MODERNIZATION OF MARINE AIDS TO NAVIGATION

The Canadian Coast Guard continues to work toward the modernization of its marine navigation services. This is a transformative initiative, recalibrating Coast Guard's marine navigation programs to deliver services in a modern and increasingly digital environment, with a focus on e-Navigation as a driver to advance digital delivery of marine navigation programs.

The aim of this project is to address gaps such as:

- Outdated systems (i.e. Coast Guard's aids to navigation database, Vessel Traffic Management and Information System)
- Reducing/removing redundant reporting requirements
- Coverage gaps across Canada, including the Arctic
- Need for new data sets and real-time information

The Canadian Coast Guard is working with other Canadian Government partners to implement S-100 services. Many of these services are currently under development. We are also working in collaboration with our partners from South Korea for the activation of the S-201 series. We were pleased to participate to the DIGITAL@SEA NORTH AMERICA last month to share our current work on e-Navigation and the S-100 and S-201 series.

IMO AUDIT

Canada, led by Transport Canada, went through a virtual IMO audit between April 11-27, 2022. Canadian Coast Guard programs that were implicated in the audit included: Search and Rescue, Environmental Response, Aids to Navigation and Marine Communications and Traffic Services (Safety Communications and VTS). The Canadian Coast Guard's Atlantic region hosted a virtual regional site visit to demonstrate the operational capacities highlighted in the audit. This proved to be an enriching and successful event.

CESSATION OF THE CANADIAN DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) SERVICE

As communicated at earlier Council meetings, the Canadian Coast Guard wishes to remind its IALA partners that it will shut down its Differential Global Positioning System (DGPS) service by the end of 2022. The exact date of the shutdown will be on December 15, 2022.

Stakeholders have been expecting this decision, given the trend to find alternatives to aging DGPS infrastructure and the cessation of the United States Coast Guard's NDGPS in September 2020.



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The absence of DGPS will not impact the safety of navigation in Canadian waters or Coast Guard services. Modern GPS has improved to meet marine navigation requirements and exceeds the performance of DGPS.

CELEBRATING THE CANADIAN COAST GUARD 60th ANNIVERSARY

In 2022, the Canadian Coast Guard is celebrating its 60th anniversary. Our theme for this anniversary is “Celebrate the past. Navigate the future.” Today, and throughout 2022, we are celebrating our employees and all of their accomplishments in the last 60 years, and focussing on how we can continue to evolve as a progressive, innovative organization by developing a diverse, highly trained, professional, and nimble workforce – for today and tomorrow. For more information, please visit our website at www.ccg-gcc.gc.ca/ccg60gcc-eng.html.

Short video: https://youtu.be/_5uDbrp8rYM

