

Arctic Regional Hydrographic Commission (ARHC)
Tromsø, Norway, October 9-11, 2012

Paper for consideration by ARHC

Proposal for discussion of way ahead for procedures for the possible formation of an
ARHC Hydrographic information exchange working group.

| | |
|---------------------------|---|
| Submitted by: | Denmark |
| Executive Summary: | Denmark proposes ARHC to discuss the way ahead for the possible formation of an ARHC-Hydrographic data and information exchange working group. (HYDIX-WG) |
| Related Documents: | none |
| Related Projects: | none |

Introduction / Background

In order to avoid duplication of effort and to optimize the use of existing data and information in the Arctic region, Denmark proposes a discussion on the way ahead of the possible formation of an ARHC-hydrographic data and information exchange working group.

Analysis/Discussion

Realizing that collection and maintenance of hydrographic data and information in the Arctic region is sparse and very expensive, Denmark finds it potentially beneficial to all ARHC member states to investigate the possibility of bilateral and or multilateral exchange of hydrographic data and information, for the purpose of safety of navigation in the Arctic region.

Recommendations

The ARHC notes this proposal and discuss the way ahead of the possible formation of an ARHC-hydrographic data and information exchange working group.

Action Required of ARHC

The ARHC is invited to:

Take note of the proposal and discuss the way ahead for the possible formation of an ARHC-hydrographic data and information exchange working group.

Arctic Voyage Planning Guide - Design Standards
Edition 1 - DRAFT

Layout

Page size: ISO A0

| Reference Number | Element | Position |
|------------------|--|---|
| 1 | National hydrographic organization logo | <ul style="list-style-type: none"> • Upper left • Above neatline |
| 2 | International Hydrographic Organization logo | <ul style="list-style-type: none"> • Upper right • Above neatline |
| 3 | Title | <ul style="list-style-type: none"> • Top (centred) • Above neatline • Arial 62pt |
| 4 | Neatline | <ul style="list-style-type: none"> • 0.5 pt • Surrounds all elements except logos and product title |
| 5 | Edition date | <ul style="list-style-type: none"> • Arial 9 pt • Centred, below neatline |

Production Info

| Reference Number | Element | Position |
|------------------|--|---|
| 6 | Product description | <ul style="list-style-type: none"> • Arial 16pt |
| 7 | Production information <ul style="list-style-type: none"> • Scale • Horizontal Datum • Projection • Standard parallels | <ul style="list-style-type: none"> • Arial 16 pt |


Product Coverage

| Reference Number | Element | Position |
|------------------|----------------|--|
| 8 | Product extent | <ul style="list-style-type: none"> • Orthographic polar projection • Product extent outlined in red • Adjacent product extents outlined in grey |

Charlets

3pt data frame border
65 pt gap between border and frame


| Reference Number | Element | Position |
|------------------|--|---|
| 9 | Routeing | <ul style="list-style-type: none"> • Communities • Protected areas • Marine traffic patterns • Marine toponymy • Limiting depths at important choke points |
| 10 | Legislation and Regulations | <ul style="list-style-type: none"> • Transportation regulations |
| 11 | Charts, Publications and Carriage Requirements | <ul style="list-style-type: none"> • National carriage requirements including charts, publications, List of Lights, Notice to Mariners etc. |
| 12 | Marine Communications | <ul style="list-style-type: none"> • Navtex sites • Navarea • Metarea • National marine communications services |
| 13 | Ice Services | <ul style="list-style-type: none"> • National ice services |
| 14 | Weather Services | <ul style="list-style-type: none"> • Climate normals • Marine weather services |

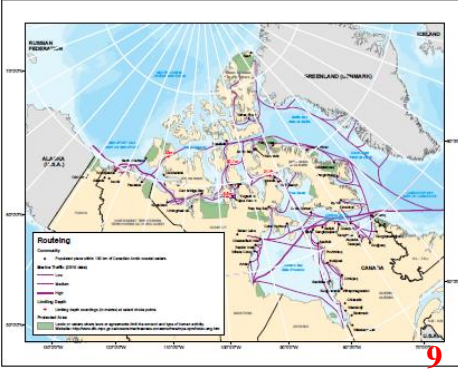

1

Arctic Mariners' Routing Guide 3

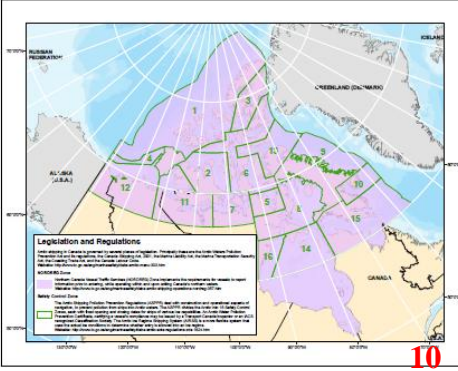
Voyage Planner

DRAFT

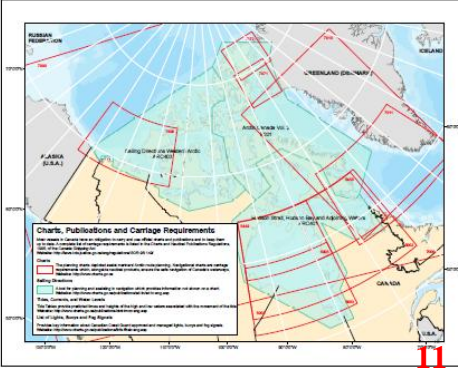

2



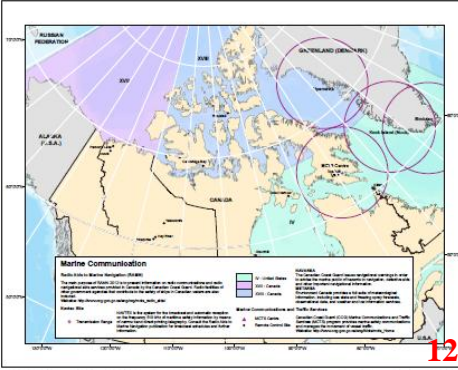
9



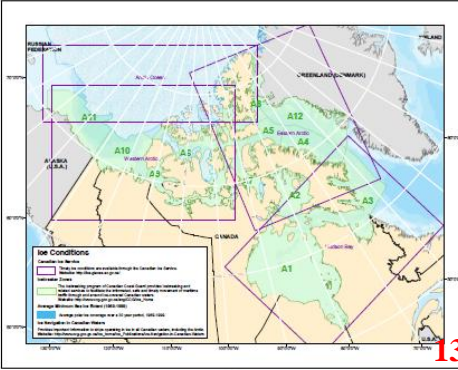
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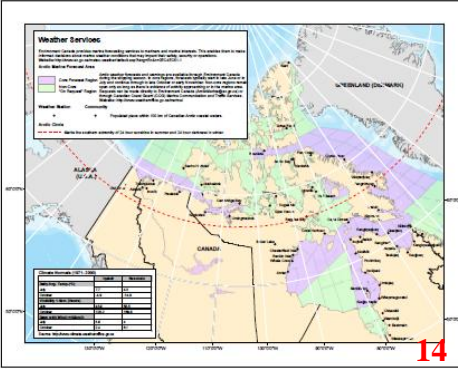
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The Arctic Mariners' Routing Guide is intended as a high-level tool to assist in Arctic voyage planning, and is not to be used for navigation. It is to be used in addition to nautical charts and publications.

The paper or digital Arctic routing guides are strategic planning tools and are not a replacement of the Charts and Nautical Publications Regulations, 1995, made pursuant to the Canada Shipping Act, 2001. Information on official carriage and regulatory requirements can be accessed in the on-line portal. In case of disparity, the information contained in the official nautical publications and the Regulations will prevail.

The digital on-line version is the official product and maintained up-to-date. It can be found at www.dfo-mpo.gc.ca/ArcticMariners/Planning/portal.go.ca

This hardcopy version of the Arctic Mariners' Routing Guide is a sub-set of the on-line version and may not be updated with the latest information. This hardcopy version complements the work of the Arctic Regional Hydrographic Commission to establish a circumpolar series of Arctic voyage planning tools to draw international awareness to the unique requirements of navigation in Arctic waters.

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
8

Scale: 1:15,000,000
Horizontal Datum: North American Datum 1983
Projection: Lambert Conformal Conic
Standard parallels: 82°00'00"N, 73°00'00"N

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CHG acknowledges the valuable contribution of information and data from the Canadian Coast Guard (CCG), Transport Canada (TC), Environment Canada (EC) and Geomatics & Geomatics © Department of Natural Resources Canada.

NOT TO BE USED FOR NAVIGATION


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