

September 16, 2019

Dear Hydrographic Colleagues of the Arctic,

I am pleased to contact you on the occasion of the upcoming ARHC-9 and to introduce myself as Director of the IHO Data Centre for Digital Bathymetry (DCDB) and Chair of the IHO Crowdsourced Bathymetry (CSB) Working Group.

As you are aware, Seabed 2030 is in its third year since launch and I am excited to report notable progress has been achieved in the expansion of data coverage of the world's oceans from 6% to 15%! The DCDB and the Seabed 2030 Regional Data Assembly and Coordination Centers (RDACCs) work closely together to ensure the archiving of and access to bathymetric data throughout the global oceans. We request that data contributions be made directly to the IHO DCDB and will work with the RDACCs to ensure that data are assembled and integrated into the freely available GEBCO Global Ocean Map. We envision the RHCs and RDACCs working closely together on matters of coordination to ensure that all efforts are complementary and not redundant.

Crowdsourced bathymetry activities continue to grow in the Arctic. A Fisheries and Oceans Canada (DFO) funded pilot project, conducted by the Canadian Ocean Mapping Research and Education Network (COMREN), is currently encouraging data to be collected by indigenous Inuit communities, area residents, shippers and tourism operators in Canada's Northern marine territory. Such data could be used to inform and augment the work of the Canadian Hydrographic Service (CHS). The DCDB is working with COMREN to make this data available to the public via the DCDB Data Viewer.

For your consideration, the DCDB has reviewed its holdings of bathymetric data in the Arctic Region commensurate with IHO INT Region N and has produced the attached summary.

I would welcome learning the results of your meeting, ideas you may have toward future Seabed 2030 and crowdsourced bathymetry collaborations, and any way the IHO DCDB may be of assistance in your work.

Sincerely,



Jennifer Jencks

Director of the IHO Data Centre for Digital Bathymetry
NOAA's National Centers for Environmental Information
325 Broadway, Boulder, Colorado USA 80305
jennifer.jencks@noaa.gov
Tel: (303) 497-6419

Figure: Ship tracks (green lines) of IHO DCDB bathymetric data holdings in Arctic Region commensurate with IHO INT Region N (yellow circle).

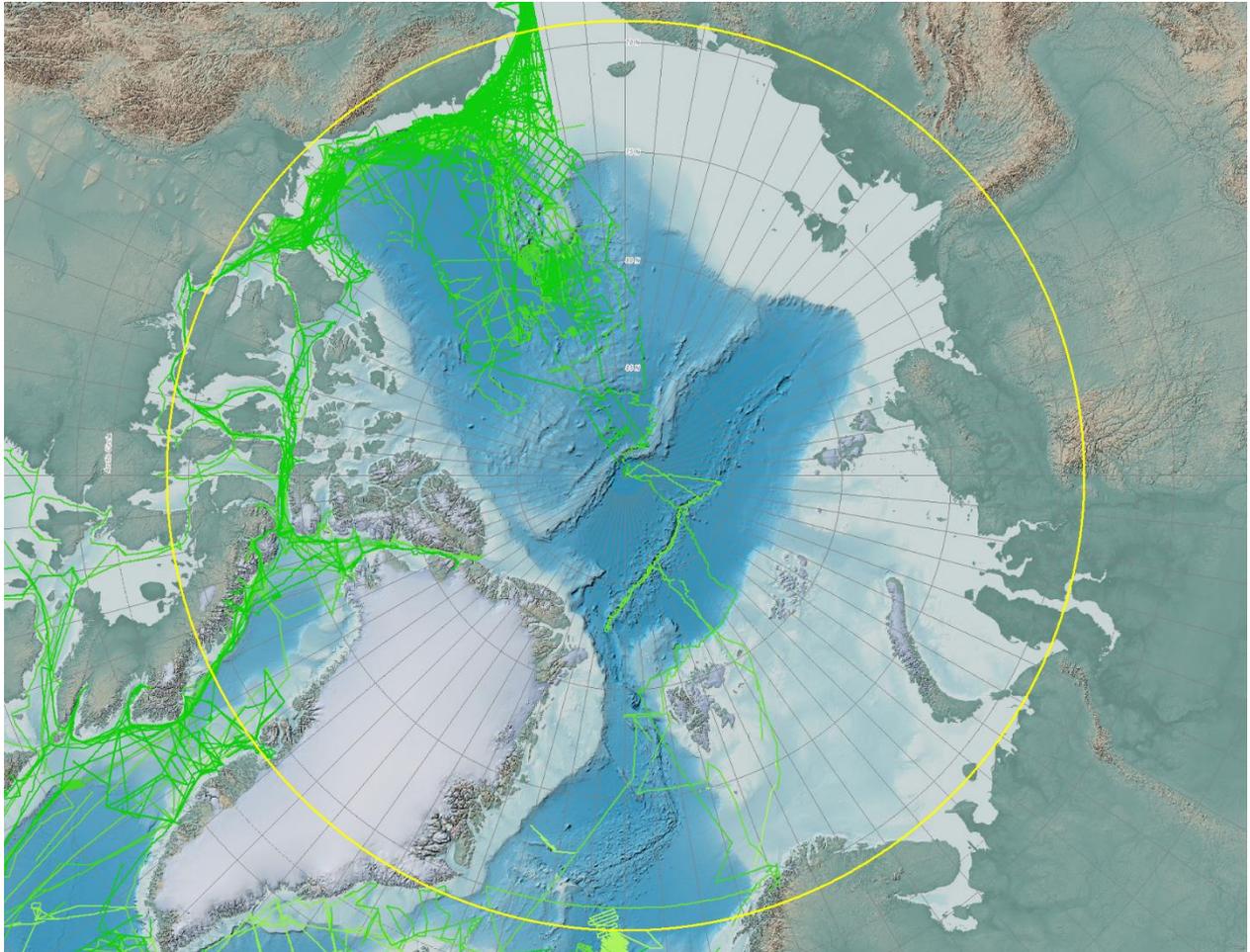


Table: Information on 98 IHO DCDB-held multibeam bathymetry surveys in the Arctic Region.

SURVEY NAME	SHIP NAME	DATA PROVIDER	SURVEY YEAR
SKQ201813S	Sikuliaq	Rolling Deck to Repository	2018
SKQ201709S	Sikuliaq	Rolling Deck to Repository	2017
SKQ201712S	Sikuliaq	Rolling Deck to Repository	2017
SKQ201713S	Sikuliaq	Rolling Deck to Repository	2017
SKQ201612S	Sikuliaq	Rolling Deck to Repository	2016
HLY1603	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2016
SKQ201510S	Sikuliaq	Rolling Deck to Repository	2015
HLY1502	Healy	Rolling Deck to Repository	2015
SKQ201511S	Sikuliaq	Rolling Deck to Repository	2015
AT30-02	Atlantis	Rolling Deck to Repository	2015
SKQ201512S	Sikuliaq	Rolling Deck to Repository	2015
HLY1401	Healy	Rolling Deck to Repository	2014
HLY1402	Healy	Rolling Deck to Repository	2014
HLY1403	Healy	Rolling Deck to Repository	2014
2013_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2013
HLY1301	Healy	Rolling Deck to Repository	2013
HLY1302	Healy	Rolling Deck to Repository	2013
HLY13TC	Healy	Rolling Deck to Repository	2013
KN213-02	Knorr	Rolling Deck to Repository	2013
HLY1303	Healy	Rolling Deck to Repository	2013
HLY1201	Healy	Rolling Deck to Repository	2012
HLY1202	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2012
HLY12TC	Healy	Rolling Deck to Repository	2012
HLY1203	Healy	Rolling Deck to Repository	2012
HLY1101	Healy	Rolling Deck to Repository	2011
2011_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2011
HLY11TD	Healy	Rolling Deck to Repository	2011
HLY1102	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2011
MGL1112	Marcus G. Langseth	Rolling Deck to Repository	2011
KN203-04	Knorr	Rolling Deck to Repository	2011
HLY1103	Healy	Rolling Deck to Repository	2011
HLY1104	Healy	Rolling Deck to Repository	2011
HLY1001	Healy	Rolling Deck to Repository	2010
2010_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2010



HLY1002	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2010
HLY1003	Healy	Rolling Deck to Repository	2010
KN199-02	Knorr	Rolling Deck to Repository	2010
2009_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2009
HLY09TD	Healy	Rolling Deck to Repository	2009
HLY0904	Healy	Rolling Deck to Repository	2009
HE0905	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2009
HLY09TE	Healy	Rolling Deck to Repository	2009
HLY08TH	Healy	Rolling Deck to Repository	2008
HLY0804	Healy	Rolling Deck to Repository	2008
HLY0805	Healy	Rolling Deck to Repository	2008
HE0805	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2008
2008_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2008
KN194-02	Knorr	Rolling Deck to Repository	2008
HE0806	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2008
HLY08TI	Healy	Rolling Deck to Repository	2008
KN194-04	Knorr	Rolling Deck to Repository	2008
2007_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2007
HLY07TG	Healy	Rolling Deck to Repository	2007
HLY0703	Healy	Rolling Deck to Repository	2007
HE0703	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2007
HLY07TH	Healy	Rolling Deck to Repository	2007
KN192-02	Knorr	Rolling Deck to Repository	2007
HLY06TG	Healy	Rolling Deck to Repository	2006
2006_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2006
HLY06TH	Healy	Rolling Deck to Repository	2006
KN187L02	Knorr	Woods Hole Oceanographic Institution (WHOI)	2006
HLY05TC	Healy	Rolling Deck to Repository	2005
HLY0501	Healy	Rolling Deck to Repository	2005
HLY0502	Healy	Rolling Deck to Repository	2005
Hidden_Ocean	Healy	National Oceanic and Atmospheric Administration (NOAA)	2005
2005_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2005
HLY05TD	Healy	Rolling Deck to Repository	2005
HLY0503	Healy	Rolling Deck to Repository	2005
HLY05TE	Healy	Rolling Deck to Repository	2005
HLY0402	Healy	Rolling Deck to Repository	2004
2004_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping	2004



		Group	
HLY0403	Healy	Rolling Deck to Repository	2004
HLY0404	Healy	Rolling Deck to Repository	2004
KN179L05	Knorr	Woods Hole Oceanographic Institution (WHOI)	2004
HLY0405	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2004
HE0405	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2004
HLY04TG	Healy	Rolling Deck to Repository	2004
NBP0304A	Nathaniel B. Palmer	Marine Geoscience Data System (MGDS)	2003
HLY0301	Healy	Rolling Deck to Repository	2003
HLY03TD	Healy	Rolling Deck to Repository	2003
NBP0304B	Nathaniel B. Palmer	Marine Geoscience Data System (MGDS)	2003
HLY0302	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2003
HE0302	Healy	University of New Hampshire, Center for Coastal and Ocean Mapping (UNH/CCOM)	2003
HLY0303	Healy	Rolling Deck to Repository	2003
2003_Amundsen	Amundsen	University of New Brunswick (UNB), Ocean Mapping Group	2003
HLY0201	Healy	Rolling Deck to Repository	2002
KN166L11	Knorr	Woods Hole Oceanographic Institution (WHOI)	2002
HLY0202	Healy	Rolling Deck to Repository	2002
HLY0203	Healy	Rolling Deck to Repository	2002
HLY0204	Healy	Rolling Deck to Repository	2002
HLY0102	Healy	Rolling Deck to Repository	2001
HLY0103	Healy	Rolling Deck to Repository	2001
HLY0004	Healy	Rolling Deck to Repository	2000
M26-2	Meteor	Germany	1993
M26-3	Meteor	Germany	1993
EW9001	Maurice Ewing	Marine Geoscience Data System (MGDS)	1990
EW9007	Maurice Ewing	Marine Geoscience Data System (MGDS)	1990
BELL02	unknown	Bell Geospace Inc.	