

## 5th Meeting of the Nautical Information Provision Working Group (NIPWG-5)

Genoa, Italy

12-03-2018 ~ 16-03-2018

## IHO Member State

| Country              | Organization                                                     | Participant                         | E-mail                             |
|----------------------|------------------------------------------------------------------|-------------------------------------|------------------------------------|
| Canada               | CANADIAN<br>HYDROGRAPHIC<br>SERVICE                              | Lynn PATTERSON(Head)                | lynn.patterson@dfo-mpo.gc.ca       |
| Canada               | Other<br>DANISH GEODATA<br>AGENCY -<br>GEODATASTYRELSEN<br>(GST) | Eivind MONG                         | eivind.mong@dfo-mpo.gc.ca          |
| Denmark              | DANISH GEODATA<br>AGENCY -<br>GEODATASTYRELSEN<br>(GST)          | Jes CARSTENS(Head)                  | jc@gst.dk                          |
| Denmark              | DANISH GEODATA<br>AGENCY -<br>GEODATASTYRELSEN<br>(GST)          | Allan Idd JENSEN                    | alije@gst.dk                       |
| Finland              | FINNISH TRANSPORT<br>AGENCY<br>HYDROGRAPHIC OFFICE<br>SERVICE    | Stefan ENGSTRÖM(Head)               | stefan.engstrom@fta.fi             |
| France               | HYDROGRAPHIQUE ET<br>OCEANOGRAPHIQUE DE<br>LA MARINE             | Yves LE FRANC(Head)                 | yves.le.franc@shom.fr              |
| Germany              | BUNDESAMT FÜR<br>SEESCHIFFFAHRT UND<br>HYDROGRAPHIE              | Jens SCHRÖDER-<br>FÜRSTENBERG(Head) | jens.schroeder-fuerstenberg@bsh.de |
| Italy                | ISTITUTO IDROGRAFICO<br>DELLA MARINA                             | Carlo MARCHI                        | carlo.marchi@marina.difesa.it      |
| Italy                | ISTITUTO IDROGRAFICO<br>DELLA MARINA                             | Ludovico STURLA                     | ludovico_sturla@marina.difesa.it   |
| Italy                | ISTITUTO IDROGRAFICO<br>DELLA MARINA                             | Elena ARMANINO                      | elena_armanino@marina.difesa.it    |
| Japan                | HYDROGRAPHIC AND<br>OCEANOGRAPHIC<br>DEPARTMENT                  | Jun SAEGUSA                         | ico@jodc.go.jp                     |
| Japan                | HYDROGRAPHIC AND<br>OCEANOGRAPHIC<br>DEPARTMENT                  | Kenji NAITO                         | ico@jodc.go.jp                     |
| Netherlands          | Hydrographic Service -<br>Royal Netherlands Navy                 | Wilfred DEN TOOM                    | WF.d.Toom@mindef.nl                |
| Norway               | NORWEGIAN<br>HYDROGRAPHIC<br>SERVICE                             | Punternvold ANNIKEN                 | kveann@kartverket.no               |
| Republic of<br>Korea | KOREA HYDROGRAPHIC<br>AND OCEANOGRAPHIC<br>AGENCY (KHOA)         | Inyoung PARK                        | piyocean@korea.kr                  |
| Republic of<br>Korea | KOREA HYDROGRAPHIC<br>AND OCEANOGRAPHIC<br>AGENCY (KHOA)         | Kwang nam HAN                       | hkn0112@korea.kr                   |
| Russian              | GLAVNOE                                                          | Igor BONAKOV(Head)                  | unio_main@mil.ru                   |

|                                                                  |                                                                               |                                 |                                    |
|------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|------------------------------------|
| Federation                                                       | OUPRAVLENIE<br>NAVIGATSII I<br>OKEANOGRAFII<br>GLAVNOE                        |                                 |                                    |
| Russian<br>Federation                                            | OUPRAVLENIE<br>NAVIGATSII I<br>OKEANOGRAFII<br>GLAVNOE                        | Yury KOMOSOV                    | komosov@yandex.ru                  |
| Russian<br>Federation                                            | OUPRAVLENIE<br>NAVIGATSII I<br>OKEANOGRAFII                                   | Mark PRIKHODKO                  | unio_main@mil.ru                   |
| Spain                                                            | INSTITUTO<br>HIDROGRAFICO DE LA<br>MARINA (IHM)                               | Alejandro Herrero<br>pita(Head) | aherrpit@fn.mde.es                 |
| Sweden                                                           | SJOFARTSVERKET                                                                | Malin LILJENBORG                | malin.liljenborg@sjofartsverket.se |
| United<br>Kingdom of<br>Great Britain<br>and Northern<br>Ireland | UNITED KINGDOM<br>HYDROGRAPHIC OFFICE                                         | Edward HOSKEN(Head)             | edward.hosken@ukho.gov.uk          |
| United States<br>of America                                      | NATIONAL GEOSPATIAL-<br>INTELLIGENCE AGENCY<br>DEPARTMENT OF<br>DEFENSE (NGA) | Michael KUSHLA                  | Michael.S.Kushla@nga.mil           |
| United States<br>of America                                      | Office of Coast Survey /<br>National Ocean Service<br>(OCS/NOS)               | Tom LOEPER                      | thomas.loeper@noaa.gov             |
| United States<br>of America                                      | Office of Coast Survey /<br>National Ocean Service<br>(OCS/NOS)               | Richard POWELL                  | richard.powell@noaa.gov            |
| United States<br>of America                                      | NATIONAL GEOSPATIAL-<br>INTELLIGENCE AGENCY<br>DEPARTMENT OF<br>DEFENSE (NGA) | Jason STROM                     | stromjd1@nga.mil                   |
| United States<br>of America<br>IGO                               | Other                                                                         | R. david Lewald                 | Robert.D.Lewald@USCG.MIL           |

| Country | Organization                                    | Participant          | E-mail                   |
|---------|-------------------------------------------------|----------------------|--------------------------|
|         | International Hydrographic<br>Organization      | Abri KAMPFER(Head)   | info@iho.int             |
|         | International Hydrographic<br>Organization      | Yves GUILLAM         | adcs@iho.int             |
| NGIO    |                                                 |                      |                          |
| Country | Organization                                    | Participant          | E-mail                   |
|         | International<br>Electrotechnical<br>Commission | Hannu PEIPONEN(Head) | hannu.peiponen@furuno.fi |

| Other Observers |                                                          |                   |                                         |
|-----------------|----------------------------------------------------------|-------------------|-----------------------------------------|
| Country         | Organization                                             | Participant       | E-mail                                  |
|                 | University of New<br>Hampshire                           | Briana SULLIVAN   | briana@ccom.unh.edu                     |
|                 | Other                                                    | Virgil ZETTERLIND | virgil@anthinst.org@virgil@anthinst.org |
|                 | Korea Research Institute of<br>Ships & Ocean Engineering | Hyunsoo CHOI      | troychoi@kriso.re.kr                    |

University of New  
Hampshire

Steven JOHNSON

wetraftingrat@yahoo.com

Industry

**Country****Organization****Participant****E-mail**

Raphael MALYANKAR

raphaelm@portolansciences.com

IHO Secretariat

**Country****Organization****Participant****E-mail**

Member of Staff

Jeff WOOTTON

tsso@iho.int

Others

**Country****Organization****Participant****E-mail**

IIC Technologies Inc

Christopher HUDSON

Chris.Hudson@iictechnologies.com