**Agenda (draft)**

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| **5th Meeting of the Nautical Information Provision Working Group (NIPWG)**  **12–16 March 2018, Genova, Italy** |

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|  | **Monday, 12 March Forenoon** |  |  |
| 1 | Opening and administrative arrangements | JS-F |  |
|  | Opening address on behalf of the Italian HO | LS |  |
| 2 | Agenda |  |  |
|  | Adoption of the Agenda | JS-F | 5-2 |
|  |  |  |  |
| 3 | Minutes of NIPWG4 | TL | 5-3 |
| 3.1 | Amendments to the minutes | TL |  |
| 3.2 | Review of Action Items from NIPWG4 | TL |  |
|  |  |  |  |
| 4 | NIPWG status of work (overview) | JS-F | 5-4 |
|  |  |  |  |
| 6 | S-100 related information |  |  |
| 6.1 | Outcome of the S-100WG TSM meetings | JS-F | 5-6 |
|  |  |  |  |
| 7 | Council and HSSC related information |  |  |
| 7.1 | Overview of Council and HSSC decisions affecting NIPWG | YG | verbal |
|  |  |  |  |
| 5 | EAHC e-MIO project update/  e-nav project EfficienSea 2/  SMART Project update |  |  |
| 5.1 | Results of the recent e-MIO developments | IP | 5-5.1 |
| 5.2 | Information on the outcome of the EfficienSea 2 project | ML | 5-5.2 |
| 5.3 | Information on SMART project progress | HC | 5-5.3 |
|  |  |  |  |
|  | **Monday, 12 March Afternoon** |  |  |
| 8 | Proposal of M-3 and S-49 amendments |  |  |
| 8.1 | Submission on 7/2009 (time reference) | SE | 5-8.1 |
| 8.2 | Submission on 5/1937 (numbering of types of station) | EH | 5-8.2 |
| 8.3 | Submission on 9/1932, 4/1982, 4/1937, 9/1962 (diverse) | JS-F | 5-8.3 |
| 8.4 | Submission on 2/2007 (Principles and Procedures for Making Changes to IHO Technical Standards and Specifications) | JS-F | 5-8.4 |
| 8.5 | Outcome of investigations on the presentation of NtM related information | DL | 5-8.5  Comment matrix  chart |
| 8.6 | Provision of Under Keel Clearance information (draft discussion paper for UKCMPT consideration) | MK | 5-8.6  5-8.6 Annex  5-8.6 pptx |
| 8.7 | Provision of Under Keel Clearance information in S-49 (draft discussion paper for UKCMPT consideration) | MK | 5-8.7  5-8.7 pptx |
|  |  |  |  |
| 9 | (S-122) MPA and (S-123) Radio Services |  |  |
| 9.1 | Status of Registry entries | BS | verbal |
| 9.2 | Outcome of Impact Survey | JS-F | 5-9.2 |
| 9.3 | Maintenance procedure | JS-F | verbal |
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|  | Minutes of Day1 |  |  |
|  | *END OF DAY 1 (ICEBREAKER)* |  |  |

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|  | **Tuesday, 13 March Forenoon** | |  |  |
| 10 | (S-128) Catalogue of Nautical Products |  | |  |
| 10.1 | Presentation of the work status | IP | | 5-10.1 |
| 10.2 | Discussion on the paper | JS-F | |  |
|  |  |  | |  |
| 11 | (S-127)Traffic Management |  | |  |
| 11.1 | Presentation of the development status (contracted) | EM+RM | | 5-11.1  5-11.1 DCEG draft  5-11.1 Feature type diagram  5-11.1 Application schema draft |
| 11.2 | Discussion on the paper and outstanding issues (e.g. portrayal) | JS-F | |  |
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| 13 | (S-125) Navigational Services | |  |  |
| 13.1 | Status of work and gap discussion | | SE | 5-13.1 |
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|  | **Tuesday, 13 March Afternoon** | |  |  |
| 15 | Lesson learned from insufficient ECDIS use | |  |  |
| 15.1 | Grounding of “Munos” | | MK | 5-15.1  5-15.1 Annex  5-15.1 ppt |
|  |  |  | |  |
|  | Minutes of Day2 | |  |  |
|  |  | |  |  |
|  | (S-125 )Navigational Services) cont. | |  |  |
| 13.2 | Practical experience with an Italian AtoN | | CM |  |
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|  | *END OF DAY 2* | |  |  |

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|  | **Wednesday, 14 March Forenoon (Data work)** | |  |  |
| 21 | IHO Registry | |  |  |
| 21.1 | Status of the IHO Registry and intended revision | | JW | 5-21.1 |
| 21.2 | Outcome of the S-126 vs. S-101/411/412 comparison | WdT | | 5-21.2 |
| 21.3 | "A New Approach for Extension of S-126 Physical Environment including Marine Forecast” | KH | | 5-21.3 |
|  |  | |  |  |
| 20 | S-122, S-123 and-126 discussions (cont. for the latter) | |  |  |
| 20.1 | S-126 status and further data model development discussions | | BS | 5-20.1 |
|  |  | |  |  |
|  | **Wednesday, 14 March Afternoon (Data work cont)** | |  |  |
|  | S-122, S-123 and-126 discussions (cont. for the latter) cont. | |  |  |
|  | S-123 practical NL GML presentation and discussion | | BS |  |
|  | S-122 practical showcase with Anthropocene data distribution | | VZ |  |
|  |  | |  |  |
| 22 | Cooperation with S-124 | |  |  |
| 22.1 | Overview of Canadian Nav Warning System (session starts 15:45 CET) | | SL | 5-22.1 |
| 22.2 | S-124 Correspondence Group report | | EM | 5-22.2 |
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|  | Minutes of Day3 | |  |  |
|  | *END OF DAY 3* | |  |  |

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| **No.** | **Agenda Item** | **Lead** | | **Documents** |
|  | **Thursday, 15 March Forenoon (NIPWG ProdSpecs, IMO)** |  | |  |
|  |  |  | |  |
| 43 | Harmonisation of NtM XML Structure |  | |  |
| 43.1 | Reports on different HOs approaches | all | | 5-43.1 |
| 43.2 | Discussion of potential benefits and way forward | JS-F  DL | |  |
|  |  |  | |  |
| 44 | Provision of georeferenced nautical information |  | |  |
| 44.2 | Benefits from VONI | AP | |  |
|  |  |  | |  |
| 45 | MSC98/ NCSR5 | |  |  |
| 45.1 | Presentation of the results related to NIPWG work | | JS-F | 5-45.1 |
| 45.2 | Discussion of what is relevant for NIPWG work | | JS-F |  |
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| 46 | IMO’s e-Navigation | |  |  |
| 46.4 | MARVELOWS project, introduction | CM | | 5-46.4 |
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|  | **Thursday, 15 March Afternoon (IMO/NIPWG ProdSpecs)** |  | |  |
| 46.1 | Outcome of 1st HGDM meeting | | JS-F | 5-46.1 |
| ~~46.2~~ | ~~Summary of the recent IALA eNAV meeting(s)~~ | | ~~JE~~ | ~~5-46.2~~ |
| 46.3 | Report on e-navigation underway conference | | EH | 5-46.3 |
|  | Discussion of the development coordination | |  |  |
|  |  | |  |  |
| 47 | Submissions to IALA Conference | |  |  |
| 47.1 | Data sharing between ATON authorities and HOs in the S-201 world | | DL | 5-47.1 |
| 47.2 | Provision of Nautical Publication Information in an S-100 Based ECDIS | | JS-F | 5-47.2  Annex |
| 47.3 | Discussion of the papers | | JS-F |  |
|  |  | |  |  |
| 48 | Delivery of S-100 based products | |  |  |
| 48.1 | Introduction of the developed approach | | JS-F | 5-48.1  Annex |
| 48.2 | Discussion of possible advice to IHO on how to deliver “Maritime Services” | | JS-F | verbal |
|  |  | |  |  |
| 49 | Think tank |  | |  |
| 49.1 | Mid-term and long-term goal of NIPWG strategic discussion | TL | | 5-49.1 |
| 49.2 | Vision beyond the 10 year horizon (e. g.  Autonomous ships) |  | | 5-49.2 |
| 49.3 | Going toward information presentation on an S-100 environment |  | | 5-49.3 |
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|  | Minutes of Day4 | |  |  |
|  | *END OF DAY 4* | |  |  |

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|  | **Friday, 15 March Forenoon (** |  |  |
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| 50 | ToR review | MK;  JS-F | See NIPWG website |
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| 53 | Work plan for the NIPWG (status of HSSC9 action items) | JS-F |  |
| 53.1 | Prioritising of NIPWG work plan items (top three) | JS-F | verbal |
| 53.2 | Provision of the common TWCWG/NIPWG paper ( refers to HSSC9/26) | JS-F | verbal |
|  |  |  |  |
| 57 | Any other business |  |  |
| 57.1 | ???????????????? |  |  |
| 57.2 | ???????????????? |  |  |
|  |  |  |  |
|  | Review of Minutes | TL |  |
|  |  |  |  |
| 59 | Dates and places of next meeting(s) | JS-F |  |
|  | NIPWG6 14 – 18 January 2019 Germany/Rostock  NIPWG7 25 – 29 November 2019  Russian Federation/ St. Petersburg or  India (**invitation expected**)  NIPWG 8 September 2020 France/Brest (tbc)  NIPWG 9 ??????????????????????????????? |  |  |
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Table of names

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| AP | Anniken Puntervold (NO/ NHS) |
| BS | Briana Sullivan (U.S./ UNH) |
| CM | Carlo Marchi (IT) |
| DL | Dave Lewald (U.S./ Coast Guard) |
| EH | Edward Hosken (UK) |
| EM | Eivind Mong (U.S./ Portolan Sciences,  CA/ Coast Guard) |
| HC | HyunSoo Choi (KRISO/ ROK) |
| IP | Inyoung Park(KHOA/ ROK) |
| JE | Jon Leon Ervik, (NO/ IALA rep) |
| JS-F | Jens Schröder-Fürstenberg (GE) |
| JW | Jeff Wootton (IHO Secretariat) |
| KH | Kwangnam Han (KHOA/ROK) |
| LS | Luigi Sinapi (IT) |
| MK | Mike Kushla (U.S./ NGA) |
| ML | Malin Liljenborg (SE) |
| RM | Raphael Malyankar (U.S./ Portolan Sciences) |
| SE | Stefan Engström (FI) |
| SL | Stéphane Lessard (CA) |
| TL | Thomas Loeper (U.S./ NOAA) |
| WdT | Wilfred den Toom (NL) |
| YG | Yves Guillam (IHO Secretariat) |

Table of Acronyms

|  |  |
| --- | --- |
| EAHC | East Asia Hydrographic Commission |
| e-MIO | electronic-Marine Information Overlay |
| HSSC | Hydrographic Services and Standards Committee |
| M-3 | Resolutions of the International Hydrographic Organization |
| S-49 | Standardization of Mariners' Routeing Guides |
| TSM | Test Strategy Working Group Meeting |
| UKCMPT | Under Keel Clearance Management Project Team |

Work sessions:

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| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 0900–1030 | 0900–1030 | 0900–1030 | 0900–1030 | 0900–1030 |
| 1100–1230 | 1100–1230 | 1100–1230 | 1100–1230 | 1045–1200\* |
| 1400–1530 | 1400–1530 | 1430–1530 | 1400–1530 |  |
| 1600–1700 | 1600–1800 | 1545–1700 | 1600–1700 |  |

\* It has been proposed to continue the forenoon session without lunch break and close the meeting around noon