**Agenda (draft)**

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| **6th Meeting of the Nautical Information Provision Working Group (NIPWG)**  **28 January – 1 February 2019, BSH, Rostock, Germany**  **Stakeholders Forum on provision of NPUB information on onboard devices**  **29 January (Penta Hotel), Rostock, Germany** |

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|  | **Monday, 28 January Forenoon** | |  |  |
| 1 | Opening and administrative arrangements | | JS-F |  |
|  | Opening address on behalf of the German HO | | TD |  |
| 2 | Agenda | |  |  |
|  | Adoption of the Agenda | | JS-F | 6-2 |
|  |  | |  |  |
| 3 | Minutes of NIPWG5 | | JS | 6-3 |
| 3.1 | Amendments to the minutes | | JS |  |
| 3.2 | Review of Action Items from NIPWG5 | | JS |  |
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| 4 | NIPWG status of work (overview) | | JS-F | 6-4 |
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| 6 | Council and HSSC related information | |  |  |
| 6.1 | Overview of Council and HSSC decisions affecting NIPWG (status of actions items assigned to NIPWG) | | YG | oral |
| 6.2 | Discussion of Council 2-4.1 and 2-4.3 | | JS-F | Oral  6-6.2 |
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| 7 | S-100 related information | |  |  |
| 7.1 | Outcome of the S-100WG TSM meetings | | DZ | 6-7 |
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| 5 | Projects and concepts | |  |  |
| 5.1 | Information on SMART project progress (on THURSDAY) | | JP | 6-5.1 |
| ~~5.2~~ | ~~IIC Technologies ePilots Concept~~ | | ~~CH~~ | ~~6-5.2~~ |
| 5.3 | NOAA’s NPB progress on transitioning from paper products to S-100 products | | BS | 6-5.3  presentation |
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|  |  | |  |  |
|  | **Monday, 28 January Afternoon** | |  |  |
| 8 | S-126 (Physical Environment) discussions | |  |  |
| 8.1 | S-126 status and further data model development discussions | | BS | 6-8.1 |
| 8.3 | Discussion of the paper | | JS-F |  |
|  |  | |  |  |
| 9 | (S-129) Under keel clearance information | |  |  |
| 9.1 | HDWG (Under Keel Clearance Management Systems definition) (draft discussion paper for UKCMPT consideration) | | JS | 6-9.1 |
| 9.2 | Update of Mariners’ Routeing Guide (S-49) | | MK | 6-9.2 |
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| 10 | (S-128) Catalogue of Nautical Products |  | |  |
| 10.1 | Presentation of the work status | SJ | | 6-10.1  ProdSpec draft 0.0.1 |
| 10.2 | Discussion on the paper | JS-F | |  |
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| 11 | (S-124) Navigational Warnings (WWNWS) | |  |  |
| 11.1 | WWNWS-Correspondence Group report | | EM | 6-11.1 |
| 11.2 | STM - Baltic Navigational Warning service | | JS-F (on behalf of ML) | 6-11.2 |
| 11.3 | Canadian Trial on S-124 for NtM | | EM | 6-11.3 |
| 11.4 | Denmark Trial on S-124 for NtM/NIORD | | JC | 6-11.4 |
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| 13 | US NGA enhanced update service for Nautical Publications | |  |  |
| 13.1 | Introduction of the ESYNC system | | JS | 6-13.1 |
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|  | Minutes of Day1 | |  |  |
|  | *END OF DAY 1* | |  |  |

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|  | **Tuesday, 29 January whole day** | |  |  |
|  | **Stakeholders Forum** | |  |  |
|  | **0900–1030** | |  |  |
|  | Welcome speech and introduction | | JS-F |  |
|  |  | |  |  |
|  | **09:45** (08:45 UK time, Matthew is online from 08:30) ICS presentation\* | MW | |  |
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|  | **1100–1200** |  | |  |
|  | CIRM presentation | MB | |  |
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|  | **1400–1530** |  | |  |
|  | BIMCO presentation\* | AS | |  |
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| 8.2 | Effort and capacity in the development of portrayal concepts for S-126 data | | JK | 6-8.2 |
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|  | **1600–1700** |  | |  |
|  | IHMA presentation | BvS | |  |
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|  | *END OF DAY 2* | |  |  |

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| JS-F | Jens Schröder-Fürstenberg (NIPWG Chair |
| JK | Jimin Ko (ROK/ KHOA)) |
| MB | Michael Bergmann (CIRM) |
| AS\* | Ashok Srinivasan (BIMCO) |
| MW\* | Matthew Williams (ICS) |
| BvS | Ben von Scherpenzeel (IHMA) |

**\* remotely via Skype**

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|  | **Wednesday, 30 January (Data work)** | |  |  |
| 30 | (S-122) MPA and (S-123) Radio Services | |  |  |
| 30.1 | Status of Registry entries | | JS-F | oral |
| 30.2 | Maintenance procedure | | JS-F | oral |
| 30.3 | S-122 conversion from IUCN data to S-122 dataset | | DZ | 6-30.3 |
| 30.4 | S-122 practical showcase with Anthropocene data distribution | | VZ | 6-30.4 |
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| 32 | (S-127) Traffic Management |  | |  |
| 32.1 | Presentation of the development status | EM+RM | | 6-32.1 |
| 32.2 | Summary of Feature Catalogue Builder testing | EM+RM | | 6-32.2 |
| 32.3 | Discussion on the paper and outstanding issues (e.g. portrayal) | JS-F | |  |
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| 34 | Provision of S-122, S-123 and S-127 based test data sets |  | |  |
| 34.1 | Collection of source material, Data model extension, Development of portrayal proposals | SJ | | 6-34.1 |
|  | **Wednesday, 30 January Afternoon (Think Tank)** | |  |  |
| 35 | (S-125) Navigational Services | |  |  |
| 35.1 | Status of work and gap discussion | | SE | 6-35.1 |
| 35.2 | IALA Paper | | SE | 6-35.2  6-35.2 supplementary information |
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| 36 | Product Specification Harmonisation | |  |  |
| 36.1 | Similarities and differences, and harmonisation of Product Specifications (approved/ developed/ under development) | | RM | 6-36.1 |
| 36.2 | Discussion on the paper | | JS-F |  |
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| 37 | Marine Resource Names | |  |  |
| 37.1 | Discussion of NIPWG comment on S-100WG paper | | BS  EM |  |
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|  | Minutes of Day3 | |  |  |
|  | *END OF DAY 3* | |  |  |

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| **No.** | **Agenda Item** | **Lead** | **Documents** |
|  | **Thursday, 31 January Forenoon (NIPWG ProdSpecs, IMO)** |  |  |
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| 5 | Projects and concepts (cont.) |  |  |
| 5.1 | Information on SMART project progress and MCP (Maritime Connectivity Platform) in e-Navigation | JP | 6-5.1 |
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| 41 | IHO Registry |  |  |
| 41.1 | Status of the IHO Registry and intended revision | ?? | 6-41.1 |
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| 43 | Harmonisation of NtM XML Structure |  |  |
| 43.1 | Outcome of the XML workshop | SE | 6-43.1 |
| 43.2 | Discussion of potential benefits and way forward | JS-F |  |
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| 44 | Report of and cooperation with various HSSC WG |  |  |
| 44.1 | DQWG | JS-F | 6-44.1 |
| 44.2 | NCWG |  | 6-44.2 |
| 44.3 | HDWG | JS | 6-44.3 |
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| 45 | IMO’s e-Navigation |  |  |
| 45.1 | Outcome of MSC100/ NCSR6 | HP | oral |
| 45.2 | Outcome of 2nd HGDM meeting | JS-F | oral |
| 45.3 | Presentation of the results related to NIPWG work | JS-F | 6-45.3 |
| 45.4 | Discussion of what is relevant for NIPWG work | JS-F |  |
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|  | **Thursday, 31 January Afternoon (IMO/S-100 based ProdSpecs)** |  |  |
| 46 | Architectural display of S-100 related products | JS-F |  |
| 46.1 | Discussion of the developed structure | JS-F | 6-46.1 |
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| 47 | Interoperability issues between S-122 and S-121 data sets | VZ |  |
| 47.1 |  |  |  |
|  |  |  |  |
| 48 | S-127 and S-101 data model |  |  |
| 48.1 | Data model amendments for versions 2 | AP | 6-48.1 |
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| 49 | M-3 Resolutions revision |  |  |
| 49.1 | 7/2009 Time information (reflecting IHO CL 46/18) | JS-F | 6-49.1 |
| 49.2 | Gap analysis between M(aritime) S(ervice)12 and M-3 | JS-F | oral |
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|  | Minutes of Day4 |  |  |
|  | *END OF DAY 4* |  |  |

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|  | **Friday, 1 February 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 HSSC10 action items) | JS-F |  |
| 53.1 | Prioritising of NIPWG work plan items (top three) | JS-F | oral |
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| 57 | Any other business |  |  |
| 57.1 | HSSC Discussion paper on harmonising portrayal efforts (joint NIPWG, UKCMS-PT paper) | JS-F | 6-57.1 |
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|  | Review of Minutes | JS |  |
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| 59 | Dates and places of next meeting(s) | JS-F |  |
|  | NIPWG7 25 – 29 November 2019 Russian Federation / St. Petersburg  NIPWG8 September 2020 France/Brest (tbc)  NIPWG9 India 2021 (**invitation expected**) |  |  |
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Table of names

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| BS | Briana Sullivan (U.S./ UNH) |
| DL | Dave Lewald (U.S./ Coast Guard) |
| DZ | Daniel Zühr (GE) |
| EH | Edward Hosken (UK) |
| EM | Eivind Mong (U.S./ Portolan Sciences,  CA/ Coast Guard) |
| HC | HyunSoo Choi (ROK/KRISO) |
| HP | Hannu Peiponen (IEC) |
| JC | Jes Carstens (DK) |
| JK | Jimin Ko (ROK/ KHOA) |
| JP | JinHyoung Park (ROK/ KRISO |
| JS | Jason Strom (U.S./ NGA) |
| JS-F | Jens Schröder-Fürstenberg (GE) |
| JW | Jeff Wootton (IHO Secretariat) |
| MK | Mike Kushla (U.S./ NGA) |
| RM | Raphael Malyankar (U.S./ Portolan Sciences) |
| SE | Stefan Engström (FI) |
| SJ | Seung Eun Jung (ROK/ KHOA) |
| TD | Thomas Dehling (GE) |
| TL | Thomas Loeper (U.S./ NOAA) |
| WdT | Wilfred den Toom (NL) |
| YG | Yves Guillam (IHO Secretariat) |

Table of Acronyms

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| --- | --- |
| EAHC | East Asia Hydrographic Commission |
| 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 | 1100–1200 | 1100–1230 | 1100–1230 | 1045–1200\* |
| 1400–1530 | 1400–1530 | 1400–1530 | 1400–1530 |  |
| 1600–1700 | 1600–1700 | 1600–1700 | 1600–1700 |  |
|  |  |  |  |  |

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