| **ENAV Committee – Work Plan 2014-2018** | | | | | | | | | | | |
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| **Strategy Technical Domain** | **Task** | **Expected Output** | **WG** | **Session** | | | | | | | **Status** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| 1. TD#1 – Data modelling and message systems | | | | | | | | | | | |
| * 1. AtoN data information structure, exchange, presentation | * + 1. Develop AtoN Data Structure | Data Structure | 1 |  |  |  |  |  |  |  |  |
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| * 1. S-100 registry and Product Specifications | * + 1. Develop Product Specification on AtoN Information | Product Specification | 4 |  |  |  |  |  |  |  |  |
| * + 1. Develop Product Specification on ASMs | Product Specification | 4 |  |  |  |  |  |  |  |  |
| * + 1. Develop Product Specification on VTS | Product Specification | 4 |  |  |  |  |  |  |  |  |
| * + 1. Develop Product Specification on MS | Product Specification | 4 |  |  |  |  |  |  |  |  |
| * 1. S-100 registry – coordination of work by all Committees | * + 1. Liaise with ARM, ENG and VTS and Coordinate Product Specification and Data Structure | Liaison notes | 4 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| * 1. Message structure for e-Navigation including VDES | * + 1. Develop Message Structure for VDES | Message Structure | 1/3 |  |  |  |  |  |  |  |  |
| * + 1. Develop Message Structure for e-navigation | Message Structure | 1/3 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. TD#2 – e-Navigation communications | | | | | | | | | | | |
| * 1. VDES, satellite, WRCP | * + 1. Update the MRCP | Marine Radio Comms Plan | 3 |  |  |  |  |  |  |  |  |
| * + 1. Develop Recommendation on VHF Narrowband initiatives | Recommendation | 3 |  |  |  |  |  |  |  |  |
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| * 1. AIS technology | * + 1. Review Rec. and G. on AIS | Revised Rec. and G. | 3 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| * 1. ASM coordination and web hosting | * + 1. Manage regional ASM web catalogue | ASM catalogue | 3 |  |  |  |  |  |  |  | Ongoing |
|  |  |  |  |  |  |  |  |  |  |  |
| * 1. ITU planning and liaison, WRC preparation and national coordination | * + 1. Monitor developments in GMDSS | Rapporteur reports | 3 | x | x | x | x | x | x | x | Ongoing |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. TD#3 – Shore technical infrastructure | | | | | | | | | | | |
| * 1. Resilient PNT shore services - DGPS, e-Loran, other | * + 1. Develop Guidelines on eLoran | Guideline | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop Guidelines on eLoran data formats, | Guideline | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop Guidelines on eLoran ASF | Guideline | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop a Product Specification on eLoran data, beacon corrections, and data exchange | Product Specification | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop a Guideline on port and harbour high accuracy systems and services | Guideline | 5 |  |  |  |  |  |  |  |  |
| * + 1. Update R-121 | Recommendation | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop a Guideline/Recommendation on resilient PNT algorithms | Guideline or Recommendation | 5 |  |  |  |  |  |  |  |  |
| * + 1. Monitor developments in DGPS, radar, resilient PNT, ePelorus and other | Rapporteur reports | 5 | x | x | x | x | x | x | x | Ongoing |
| * + 1. Liaise with RTCM on broadcast standards and ITU on M.823 | Liaison notes | 5 |  |  |  |  |  |  |  |  |
| * + 1. Liaise with IMO on revision to Res. A.915 | Liaison notes | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop a Recommendation on SBAS | Recommendation | 5 |  |  |  |  |  |  |  |  |
| * + 1. Develop a Recommendation on the Future of marine beacons and SBAS | Recommendation | 5 |  |  |  |  |  |  |  |  |
| * + 1. Liaise with IMO on revision of IMO WWRNS for inclusion of Galileo | Liaison notes | 5 |  |  |  |  |  |  |  |  |
| * + 1. Monitor developments in RTCM (broadcast standards) | Rapporteur reports | 5 | x | x | x | x | x | x | x | Ongoing |
|  |  |  |  |  |  |  |  |  |  |  |
| * 1. Virtual AtoN technology | * + 1. Liaise with ARM re Virtual AtoN | Liaison notes | 4 |  |  |  |  |  |  |  |  |
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| * 1. Sharing of shore data |  |  |  |  |  |  |  |  |  |  |  |
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| 1. TD#4 – e-Navigation test beds | | | | | | | | | | | |
| * 1. Data gathering and analysis | * + 1. Develop and progress an IALA Web portal on testbeds | Web portal | 2 |  |  |  |  |  |  |  |  |
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| * 1. Participation in and harmonisation of results of test beds | * + 1. Develop and progress an online discussion forum on testbeds |  | 2 |  |  |  |  |  |  |  |  |
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| * 1. Harmonisation policy and planning | * + 1. Update Guideline on the reporting of results in e-navigation testbeds | Guideline | 2 |  |  |  |  |  |  |  |  |
| * + 1. Liaise with IMO on e-navigation matters | Liaison notes | 2 |  |  |  |  |  |  |  |  |
| * 1. Monitoring of developments nationally and regionally, and effect on competent authorities |  |  |  |  |  |  |  |  |  |  |  |
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| 1. TD#5 – Maritime Service Portfolios | | | | | | | | | | | |
| * 1. IALA Domains management, data modelling and standardisation | * + 1. Develop Guideline/Recommendation on Maritime Service Portfolios | Guideline or Recommendation | 4 |  |  |  |  |  |  |  |  |
| * + 1. Develop Recommendation on Common Shore based System Architecture | Recommendation | 1 |  |  |  |  |  |  |  |  |
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