

| ARM Committee – Work Plan 2018-2022                       |   |                 |    |         |   |    |    |    |    |    |        |  |  |
|---|---|-----------------|----|---------|---|----|----|----|----|----|--------|--|--|
| Strategy Technical Domain                                 | Task  | Expected Output | WG | Session |   |    |    |    |    |    | Status |  |  |
|   |   |                 |    | 8       | 9 | 10 | 11 | 12 | 13 | 14 |        |  |  |
| 1. Standard 1010 – AtoN planning and service requirements |   |                 |    |         |   |    |    |    |    |    |        |  |  |
| 1.1. Obligations and regulatory compliance                | 1.1.1. Develop guidance on regulatory/legal framework for Aton Authorities  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 1.2. Risk management                                      | 1.2.1. Review G1018 Risk Management to ensure compatability with risk toolbox   |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.2.2. Review R0142 Maritime Data Sharing IALA Net  |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.2.3. In cooperation with ENG Revise R0138 and G1058 on simulation use by Aton authorities                                   |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.2.4. Develop R1003 marine data sharing for risk assessment analysis   |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.2.5. Develop guidance on cyber security for Aton authorities  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 1.3. Levels of service objectives                         | 1.3.1.  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 1.4. Quality management                                   | 1.4.1.  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 1.5. AtoN planning  | 1.5.1. Reformat and review the IALA MBS incorporating Maton   |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.5.2. Develop guidance for navigators on the use of Aton   |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.5.3. Undertake gap analysis of IALA guidance associated with the MBS, identify further work to add to the work plan at ARM8 |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.5.4. Revise G1096 anticipated user eNav requirements  |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.5.5. Develop guidance on Aton provision in polar regions  |                 |    |         |   |    |    |    |    |    |        |  |  |
|   | 1.5.6. Develop guidance on the provision of Aton for autonomous vehicle/vessel operations                                     |                 |    |         |   |    |    |    |    |    |        |  |  |

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| 1.6. Virtual marking                                     | 1.6.1. Review R0143 Provision of virtual aids to navigation and G1091 Virtual Aton           |                 |    |         |   |    |    |    |    |    |        |  |  |
| 2. Standard 1020 – AtoN design and delivery              |  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 2.1. Visual signalling                                   | 2.1.1. In association with ENG review G1116 synchronization of lights                        |                 |    |         |   |    |    |    |    |    |        |  |  |
| 3. Standard 1050 – Training and Certification            |  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 3.1. Training and certification                          | 3.1.1.   |                 |    |         |   |    |    |    |    |    |        |  |  |
| 3.2. Capacity building                                   | 3.2.1. In absence of alternate secretariat lead review undertake 4 yearly review of Navguide |                 |    |         |   |    |    |    |    |    |        |  |  |
| 4. Standard 1070 – Information services                  |  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 4.1. Management of Maritime Service Portfolios and S-200 | 4.1.1. Develop guidance on maritime service portfolios                                       |                 |    |         |   |    |    |    |    |    |        |  |  |
| 4.2. Terminology, symbology, and portrayal               | 4.2.1. Develop guidance on the symbology and portrayal of Aton                               |                 |    |         |   |    |    |    |    |    |        |  |  |
| 5. Other   |  |                 |    |         |   |    |    |    |    |    |        |  |  |
| 5.1. Seminar   | 5.1.1. Cooperate with WWA in providing Risk Seminar(s)                                       |                 |    |         |   |    |    |    |    |    |        |  |  |
| 5.2. Workshop  | 5.2.1. Undertake joint workshop with IHO on Portrayal  |                 |    |         |   |    |    |    |    |    |        |  |  |
|  | 5.2.2. Undertake joint workshop with ENG   |                 |    |         |   |    |    |    |    |    |        |  |  |