**Workshop Proposal**

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| **Vision** | What is the future of marine radiobeacon DGNSS? | |
| **Proposal** | Workshop to discuss and develop guidance on the future of radiobeacon DGNSS | |
| **Purpose** | * Knowledge sharing; * Define the future requirements for PNT services; * Discuss the future of DGNSS; and * Update IALA guidance on DGNSS. | |
| **Possible Topics** | * User requirements for PNT; * DGNSS architecture; * Opportunities and practical uses of DGNSS infrastructure; * Cost/benefit analyses; * Satellite-Based Augmentation Systems – can they replace DGNSS?; and * Alternative positioning, navigation and timing technologies. | |
| **Outcomes** | * Paper to guide members in deciding whether to discontinue their DGNSS service; * Review and update of the IALA Recommendation on DGNSS service provision, upgrades and future uses; and * Review of the following IALA Guidelines with a view to updating within IALA committees: | |
| G1016 | Bilateral Agreements and Inter-Agency MOU’s on the Provision of DGNSS services in the frequency band 283.5 khz – 325 khz |
| G1126 | Calculation of DGNSS Antenna Efficiency |
| G1053 | Template for the submission of a DGNSS Service for Recognition as a Component of the IMO WWRNS |
| G1060 | Recapitalization of DGNSS |
| G1112 | Performance and Monitoring of DGNSS Services in the Frequency Band 283.5 – 325 kHz |
| **Goals** | To share and understand the requirements for future DGNSS services. Specifically considering the following options:  Provision of GPS L1 single frequency corrections (as today)  Provision of multi-constellation, multi-frequency corrections  Use of alternative means | |
| **Who** | The workshop will provide a forum for discussion between stakeholder groups.  It is envisaged that invitations will be sent to:   * IALA National Members * IALA Associate Members * IALA Industrial Members * Other stakeholders, as identified by the steering group such as (but not limited to) the Nautical Institute, CIRM and RTCM | |
| **Size of Group** | It is expected that the Workshop will attract a group of up to 50 persons | |
| **Where** | Proposed location: UK, location TBD | |
| **Duration** | 4 days, but subject to the development of the technical programme | |
| **When** | Preferably later part of 2019 | |
| **Cost to Participants** | TBD | |
| **Process** | Four Day workshop  Day 1 – Introduction, presentations (half day)  Day 2 – Presentations and establish working groups  Day 3 – Working groups  Day 4 – Finalise work of the Working Groups, identify work to be progressed by committees and conclusion (half day) | |
| **Steering Committee** | Proposed Steering Committee for the Workshop:  Chairman: IALA ARM Committee Chair  IALA ENG Committee Chair  Vice-Chair of ARM Committee  ENG Working Group 3 Chair  Host nation committee member (MB)  IALA Deputy Secretary General  IALA Technical Operations Manager  IALA Technical Secretary | |