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**12th Meeting of the AtoN Engineering and Sustainability Committee (ENG12)**

The 12th meeting of the **AtoN Engineering and Sustainability Committee** will be held from 30 September – 16 October 2020 virtually.

The opening plenary will commence at 1000 – 1200 UTC on Wednesday 30 September 2020, and the closing plenary will begin at 1000 – 1200 UTC on Friday 16 October.

**AGENDA**

**Opening Plenary**

1. Introduction
   1. Welcome address from the Secretary-General/Deputy Secretary-General
   2. Approval of the agenda Simon Millyard
   3. Apologies and Introductions Simon Millyard
   4. New working arrangements for ENG12 Jaime Alvarez
   5. ENG committee structure Simon Millyard
      1. WG1 Overview
      2. WG2 Overview
      3. WG3 Overview
      4. WG4 Overview
2. Review of action items from last meeting Simon Millyard / Jaime Alvarez
   1. Review of action items from ENG10
3. Review of input papers Simon Millyard
   1. Review of input papers to ENG 12
   2. Input papers for action/allocation
4. Reports from other bodies
   1. IALA Minsu Jeon
      1. IALA Council
         1. Drivers & Trends
         2. Heritage Lighthouse Award
      2. IALA Policy Advisory Panel (PAP) Minsu Jeon
         1. Technical Documents Catalogue
         2. Sustainability
         3. 2022-2026 Work Plan
   2. IMO Minsu Jeon
   3. IHO/IALA liaison Minsu Jeon
   4. ITU Minsu Jeon
   5. IEC
   6. RTCM (104) Alan Grant
   7. PIANC Minsu Jeon
   8. CIE Alwyn Williams
   9. E-Navigation Underway / Digital@Sea Minsu Jeon
5. Reports from rapporteurs
   1. Power Peter Dobson
   2. Lights Alwyn Williams
   3. Buoys Peter Schneider
   4. PNT Members of WG3
   5. Environment Simon Millyard
   6. Use of drones Jørgen Royall Petersen
   7. IALA Dictionary Michel Cousquer
   8. IALA Bulletin liaison Michel Cousquer
   9. Update on IALA VTS-ENAV Symposium 2021 Maarten Berrevoets
6. Advertising Online Presentations
   1. Brief on WWA Kevin Gregory
   2. IALA's Role and Strategy for the S-200 product specifications        Minsu Jeon
   3. EGNOS test Finland Rodrigo Gonzalez
   4. R-mode Michael Hoppe / Stefan Gewies
   5. Measurement Method for Surface Colors of Visual Aids to Navigation China MSA
   6. Use of Modern Equipment on Heritage Lighthouses China MSA
7. Work Programme (2018 - 2022)
8. Overview of planned work for ENG12
   1. **WG 1 - Visual & Physical AtoN Alwyn Williams**
   2. WG 2 - Knowledge & Sustainability Peter Schneider/ Jörg Unterderweide
   3. WG 3 - Radionavigation Services Alan Grant
   4. WG 4 - Heritage Peter Hill
9. Establish Working Groups and Task Groups
10. END OF OPENING PLENARY
11. Working Groups/Task Groups progress work plan
12. CLOSING PLENARY
13. Review of output and working papers
14. Review of session report
15. Date and venue of next meeting
16. Close of meeting Simon Millyard