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**21st Session of the AtoN Engineering and Sustainability Committee (ENG21)**

**AGENDA**

**Opening Plenary**

**Start 09:00 UTC (10:00 IST), 13th October 2025**

*Venue*: *Commissioners of Irish Lights Headquarters*

*Harbour Road, Dun Laoghaire, Co. Dublin, Ireland*

1. Introduction
   1. Welcome address from the

Chief Executive of Irish Lights Yvonne Shields O’Connor

* 1. Welcome address from the

Deputy Secretary-General Omar Frits Eriksson

* 1. Approval of the agenda Alwyn Williams
  2. Apologies and Introductions Alwyn Williams
  3. Working arrangements Alisa Nechyporuk
  4. Programme for the week Alisa Nechyporuk

1. Review of action items from last meeting Alwyn Williams
2. Review of input papers
   1. Review of input papers to ENG21 Alisa Nechyporuk
3. Reports from other bodies
   1. IALA
      1. IALA Council Minsu Jeon
         1. Documents approved by Council Minsu Jeon
      2. Policy Advisory Panel (PAP) Minsu Jeon
         1. Sustainability WS Alwyn Williams
         2. Future Radiocommunication and Radionavigation Hideki Noguchi
      3. 2025-2027 Work Plan and Task Register Michel Cousquer
   2. Update on MASS task group Minsu Jeon
   3. IMO Hideki Noguchi
   4. IHO Minsu Jeon
   5. ITU Minsu Jeon
   6. PIANC Minsu Jeon
   7. CIE Alwyn Williams
   8. WWA Update Vincent Denamur
4. Advertising Presentations Alisa Nechyporuk

5.1 Proposal of VDES ground and mobile stations upgrade to enable SBAS data retransmission

(Jose-Luis Martin, ESSP SAS) – WG2

5.2 RAPTIDE 2 project, results of a resilient PNT demonstrator for maritime applications

(Florin Mistrapau, GMV) – WG2

* 1. 3D tour on Tolbukhin Lighthouse (Oleg Gaidai, Department of Navigation and Oceanography)

– WG3

* 1. Twined Lighthouse (Masatora Ono, Japan Coast Guard) – WG3
  2. Lighthouse of the Year Stamp Crowdfunding Project (Jiwon Sim, KATON) – WG3
  3. Designing a Free Form Lens (Paul Mueller, Orion Maritime Systems Pte Ltd) – WG1

1. Overview of planned work for ENG21
   1. WG 1 – Visual & Physical AtoN Malcolm Nicholson
   2. WG 2 – Radionavigation Services Stefan Gewies
   3. WG 3 – Heritage and culture forum Sarah-Jane Lakshman
2. Establish Working Groups and Task Groups

**End of Opening Plenary**

**Approx. 12:00 UTC (13:00 IST)**

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**Working Groups to Progress Work Plan**

**13:00 UTC (14:00 IST), 13th October to 16:00 UTC (17:00 IST), 17th October**

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**Closing Plenary of Physical Week**

**Start 08:00 UTC (09:00 IST), 17th October**

1. Report from Working Groups and Secretariat
   1. WG 1 – Visual & Physical AtoN Malcolm Nicholson
   2. WG 2 – Radionavigation Services Stefan Gewies
   3. WG 3 – Heritage and Culture forum Sarah-Jane Lakshman
   4. Session Report Alisa Nechyporuk
2. Output Papers for Review
   1. Summary of Output Papers Alisa Nechyporuk
   2. Process for Comments Alisa Nechyporuk
3. Close of Physical Session Alwyn Williams

**End of Closing Plenary of Physical Week**

**Approx. 11:00 UTC (12:00 IST), 23rd October**

**Closing Plenary of Session**

**Session recommences 09:00 UTC (11:00 CEST), 23rd October on Microsoft Teams**

1. Opening of Online Session Alwyn Williams
2. Review of Documents Approved Alwyn Williams
3. Draft report overview Alisa Nechyporuk
4. Date and venue of next meeting Alwyn Williams
5. Close of Session Alwyn Williams

**End of Closing Plenary and Session**

**Approx. 10:00 UTC (12:00 CEST), 23rd October**