



## Committee - ENAV

AGENDA	TITLE	DATE
1.1	<b>1. Introduction</b> ENAV23-1.1.1 Hotel Information - ENAV23 & IOC Workshop	23 Jan 2019
1.3	<b>1. Introduction</b> ENAV23-1.3.1 Agenda ENAV23	30 Mar 2019
1.5	<b>1. Introduction</b> ENAV23-1.5.1 Programme for the week	28 Mar 2019
2.1	<b>2. Review of action items from last meeting</b> ENAV23-2.1.1 ENAV22 Action Items	29 Jan 2019
3.0	<b>3. Review of input papers</b> ENAV23-3.0 Input paper Committee meeting template	05 Feb 2019
3.1.1	<b>3. Review of input papers</b> ENAV23-3.1.1 3GPP Technical Specification 22.119 dedicated to maritime communications	18 Feb 2019
3.1.1.1	<b>3. Review of input papers</b> ENAV23-3.1.1.1 3GPP TS 22.119 V2.0.0 (2018-12)	18 Feb 2019
3.1.1.2	<b>3. Review of input papers</b> ENAV23-3.1.1.2 TS 22.119 on "Maritime Communication Services over 3GPP system; Stage 1"	18 Feb 2019
3.1.1.3	<b>3. Review of input papers</b> ENAV23-3.1.1.3 3GPP 22819_CR0002r1_(Rel-16)_S1-183636 revision of S1-183616 Addition of annex in TR 22.819	18 Feb 2019
3.1.2	<b>3. Review of input papers</b> ENAV23-3.1.2 Feasibility of digitization of voice radiotelephony in the VHF maritime mobile band and the implementation of digital voice radio telephony in the VHF	21 Feb 2019
3.1.3	<b>3. Review of input papers</b> ENAV23-3.1.3 VDES R-Mode_Working arrangement	01 Mar 2019
3.1.4	<b>3. Review of input papers</b> ENAV23-3.1.4 Feb2019-Sydney_O-01_Report-WG3-Intersessional-final	01 Mar 2019
3.1.5	<b>3. Review of input papers</b> ENAV23-3.1.5 S1-190426 LS on the update of 3GPP Release 16 Stage 1 MARCOM standardization	01 Mar 2019
3.1.6	<b>3. Review of input papers</b> ENAV23-3.1.6 Proposed changes to IALA position on WRC-19 for CPM19-2-1	06 Mar 2019
3.1.7	<b>3. Review of input papers</b> ENAV23-3.1.7 the establishment of the Maritime Connectivity Platform Consortium	06 Mar 2019
3.1.8	<b>3. Review of input papers</b> ENAV23-3.1.8 VDE-SAT spectrum allocation plan TDD 03-11-2019	14 Mar 2019
3.1.9	<b>3. Review of input papers</b> ENAV23-3.1.9 VDE-SAT Uplink Transmission Timing Advance	14 Mar 2019
3.1.10	<b>3. Review of input papers</b> ENAV23-3.1.10 Detection of near-miss risk and dynamic hotspot in near future	14 Mar 2019
3.1.11	<b>3. Review of input papers</b> ENAV23-3.1.11 "REVISED" Report on the development of SMART-Navigation product speci...	27 Mar 2019
3.1.12	<b>3. Review of input papers</b> ENAV23-3.1.12 efficiency of VDE ARQ	18 Mar 2019

3.1.13	<b>3. Review of input papers</b> ENAV23-3.1.13 Exact Earth Recommendations related to IALA Guideline 1139	21 Mar 2019
3.1.14	<b>3. Review of input papers</b> ENAV23-3.1.14 GLA-VDES_R_mode_Stakeholder_Requirements-1v0	19 Mar 2019
3.1.15	<b>3. Review of input papers</b> ENAV23-3.1.15 VDE signal ambiguity issue 03-26-2019	28 Mar 2019
3.1.16	<b>3. Review of input papers</b> ENAV23-3.1.16 VDE channelization	28 Mar 2019
3.1.17	<b>3. Review of input papers</b> ENAV23-3.1.17 Addition of IP-Port to VDES Messages To support VDES service gateway addressing mode application (G1139)	28 Mar 2019
3.2.1	<b>3. Review of input papers</b> ENAV23-3.2.1 Liaison Note to ARM & ENAV re VDES R-Mode system requirements (ENG8-12.1.25)	18 Feb 2019
3.2.2	<b>3. Review of input papers</b> ENAV23-3.2.2 Proposal for R-Mode workshop 2019 (ENG8-12.1.23)	18 Feb 2019
3.2.3	<b>3. Review of input papers</b> ENAV23-3.2.3 Liaison Note ARM to IALA Committees re MAtoN lights (ARM8-12.1.3)	18 Feb 2019
3.2.4	<b>3. Review of input papers</b> ENAV23-3.2.4 Liaison Note on VDES R-Mode to ENG (ARM8-12.1.6)	18 Feb 2019
3.2.5	<b>3. Review of input papers</b> ENAV23-3.2.5 Liaison note to ARM to ENAV on Development of AMRD – Draft IALA Recommendation and Guideline (ARM8-12.1.12)	18 Feb 2019
3.2.6	<b>3. Review of input papers</b> ENAV23-3.2.6 Draft Report on IALA questionnaire 2017	18 Feb 2019
3.2.7	<b>3. Review of input papers</b> ENAV23-3.2.7 Report IALA Questionnaire 2017	18 Feb 2019
3.2.8	<b>3. Review of input papers</b> ENAV23-3.2.8 Liaison Note to ENAV and ARM on draft Maritime Services Guideline	06 Mar 2019
3.2.8.1	<b>3. Review of input papers</b> ENAV23-3.2.8.1 WP WG1 Draft Guideline on Maritime Services (VTS46-13.3.1)	06 Mar 2019
3.2.8.2	<b>3. Review of input papers</b> ENAV23-3.2.8.2 Appendix 1 MS 1-3_merged revised WG 1 VTS46 (VTS46-13.3.1.1)	06 Mar 2019
3.2.9	<b>3. Review of input papers</b> ENAV23-3.2.9 Liaison Note to ENAV Committee on developing technologies	06 Mar 2019
3.2.10	<b>3. Review of input papers</b> ENAV23-3.2.10 Draft Liaison Note on VDES R-Mode to ENAV 23 (ENG9-12.5)	25 Mar 2019
3.2.10.1	<b>3. Review of input papers</b> ENAV23-3.2.10.1 Draft Input to IMO_ITU EG 15_rev 2 (ENG9-12.5.1)	25 Mar 2019
3.2.11	<b>3. Review of input papers</b> ENAV23-3.2.11 Liason Note on R1004 Sustainability from ENG9	25 Mar 2019
3.2.11.1	<b>3. Review of input papers</b> ENAV23-3.2.11.1 Draft Recommendation R1004 Ed1 Sustainability Recommendation (ENG9-12.11)	25 Mar 2019
4.1.1	<b>4. Reports from other bodies</b> ENAV23-4.1.1 Report Council 68 Final (C68-19.1)	14 Mar 2019
4.2.1	<b>4. Reports from other bodies</b> ENAV23-4.2.1 Position on the development of AtoN services_Revised PAP36_track changes	01 Apr 2019
4.3.1.1	<b>4. Reports from other bodies</b> ENAV23-4.3.1.1 Conference Highlights ENUW 2019	14 Mar 2019
4.3.1.2	<b>4. Reports from other bodies</b> ENAV23-4.3.1.2 e-Navigation-Underway-International-2019-Report	02 Apr 2019

4.4.1	<b>4. Reports from other bodies</b> ENAV23-4.4.1 Summary report of IMO Council 121	14 Mar 2019
4.4.3	<b>4. Reports from other bodies</b> ENAV23-4.4.3 Report on IMO NCSR6	14 Mar 2019
5.3.1	<b>5. Reports from rapporteurs</b> ENAV23-5.3.1 IALA Report of ITU-R WP5B meetings November 2018 V20181203	14 Mar 2019
5.3.2	<b>5. Reports from rapporteurs</b> ENAV23-5.3.2 Diagram of AMRD in the regulatory framework	14 Mar 2019
5.3.3	<b>5. Reports from rapporteurs</b> ENAV23-5.3.3 E Liaison statement to IALA on AMRD	14 Mar 2019
5.3.4	<b>5. Reports from rapporteurs</b> ENAV23-5.3.4 E Liaison statement to IALA on revision Rec ITU-R M1371-5	14 Mar 2019
5.3.5	<b>5. Reports from rapporteurs</b> ENAV23-5.3.5 IALA_Report_of_ITU_WRC-19_CPM_meeting_Geneva_2019	14 Mar 2019
5.5.1	<b>5. Reports from rapporteurs</b> ENAV23-5.5.1 ETSI briefing Pete Hizzey	02 Apr 2019
6.1	<b>6. Presentations</b> ENAV23-6.1 MPA & Fujitsu dynamic hotspot detection	13 Apr 2019
6.2	<b>6. Presentations</b> ENAV23-6.2 MCP Consortium	01 Apr 2019
6.3	<b>6. Presentations</b> ENAV23-6.3 dPMR testing maritime VHF band	01 Apr 2019
6.4	<b>6. Presentations</b> ENAV23-6.4 20190401_VDES testbed in Japan	01 Apr 2019
6.5	<b>6. Presentations</b> ENAV23-6.5 IALA WWA Presentation	01 Apr 2019
6.6	<b>6. Presentations</b> ENAV23-6.6 3GPP presentation for IALA ENAV23	01 Apr 2019
8.0	<b>8. WG1 â€™ Digital Information System</b> ENAV23-8.0 WP Terms of Reference of WG1 (ENAV22-11.2)	18 Feb 2019
8.1	<b>8. WG1 â€™ Digital Information System</b> ENAV23-8.1 WP Draft IALA Guideline on MSPs v21 (ENAV22-12.2.3)	18 Feb 2019
9.0	<b>9. WG2 â€™ Emerging Digital Technology</b> ENAV23-9.0 WP Terms of Reference for WG2 (ENAV22-11.4)	18 Feb 2019
9.1	<b>9. WG2 â€™ Emerging Digital Technology</b> ENAV23-9.1 WP Initial Stage proposal IALA template (ENAV22-12.2.1)	18 Feb 2019
9.2	<b>9. WG2 â€™ Emerging Digital Technology</b> ENAV23-9.2 WP Initial Stage proposal IALA Candidate Technology - QualCom 5G (ENAV22-12.2.2)	18 Feb 2019
9.3	<b>9. WG2 â€™ Emerging Digital Technology</b> ENAV23-9.3 Initial assessment of LTE-Maritime	18 Mar 2019
9.4	<b>9. WG2 â€™ Emerging Digital Technology</b> ENAV23-9.4 LTE-Maritime as an e-Navigation communication infrastructure	18 Mar 2019
10.0	<b>10. WG3 â€™ Digital Communication System</b> ENAV23-10.0 WP Terms of Reference for WG3 (ENAV22-11.3)	18 Feb 2019
10.1	<b>10. WG3 â€™ Digital Communication System</b> ENAV23-10.1 WP WD ITUR M-1371 ENAV22-9.5.2 R15-WP5B-C-0470 P1 MSW-E (ENAV22-12.2.4)docx	18 Feb 2019
11.1	<b>11. Work Programme (2018 - 2022)</b> ENAV23-11.1 Council 68 approved work plan	18 Feb 2019

11.2	<b>11. Work Programme (2018 - 2022)</b> ENAV23-11.2 WP IALA-ENAV-22 Task Plan (ENAV22-11.1)	18 Feb 2019
12.1.1	<b>12. Review of output and working papers</b> ENAV23-12.1.1 Liaison Note to ITUWP5B on AMRD	09 Apr 2019
12.1.2	<b>12. Review of output and working papers</b> ENAV23-12.1.2 Liaison Note to PAP - 2018-2022 Work Programme	09 Apr 2019
12.1.3	<b>12. Review of output and working papers</b> ENAV23-12.1.3 Liaison to ARM and VTS - Maritime Services in the context of e-Navigation	09 Apr 2019
12.1.4	<b>12. Review of output and working papers</b> ENAV23-12.1.4 a lay-persons description of e-Navigation	09 Apr 2019
12.1.5	<b>12. Review of output and working papers</b> ENAV23-12.1.5 Liaison Note to ARM - Maritime Resource Names (MRN)	09 Apr 2019
12.1.5.1	<b>12. Review of output and working papers</b> ENAV23-12.1.5.1 IHO Level Guidance on how to manage the IHO Maritime Resource Names (MRN) namespace	09 Apr 2019
12.1.6	<b>12. Review of output and working papers</b> ENAV23-12.1.6 Liaison Note to 3GPP	09 Apr 2019
12.1.6.1	<b>12. Review of output and working papers</b> ENAV23-12.1.6.1 Liaison Note to 3GPP - Annex comments on 3GPP TS 22.119 V16.0.0 (2018-12)	09 Apr 2019
12.1.7	<b>12. Review of output and working papers</b> ENAV23-12.1.7 Liaison Note to PAP - Identification and Assessment of Technologies	09 Apr 2019
12.1.7.1	<b>12. Review of output and working papers</b> ENAV23-12.1.7.1 Digital Technologies - initial review process	09 Apr 2019
12.1.8	<b>12. Review of output and working papers</b> ENAV23-12.1.8 Liaison Note to ECC - digitisation of maritime services - digital VHF (voice)	09 Apr 2019
12.1.9	<b>12. Review of output and working papers</b> ENAV23-12.1.9 Liaison Note to ITU WRC-19 on AI 192 VDE-SAT (Approved WG3) (1)	09 Apr 2019
12.1.9.1	<b>12. Review of output and working papers</b> ENAV23-12.1.9.1 Position on WRC-19 AI192 (approved WG3)	09 Apr 2019
12.1.10	<b>12. Review of output and working papers</b> ENAV23-12.1.10 Liaison to ITU WP 5B on revision of Rec ITU-R M.1371-5	09 Apr 2019
12.1.11	<b>12. Review of output and working papers</b> ENAV23-12.1.11 Revisions to G1139	09 Apr 2019
12.1.12	<b>12. Review of output and working papers</b> ENAV23-12.1.12 Input to IMO_ITU EG 15	09 Apr 2019
12.1.13	<b>12. Review of output and working papers</b> ENAV23-12.1.13 Liaison Note to ARM and VTS on R-Mode	09 Apr 2019
12.1.14	<b>12. Review of output and working papers</b> ENAV23-12.1.14 Liaison Note to ENG on R-Mode	09 Apr 2019
12.1.15	<b>12. Review of output and working papers</b> ENAV23-12.1.15 R-Mode Stakeholder Requirements	09 Apr 2019
12.1.16	<b>12. Review of output and working papers</b> ENAV23-12.1.16 Liaison Note to ENG on R1004 Sustainability from ENAV23	09 Apr 2019
12.1.16.1	<b>12. Review of output and working papers</b> ENAV23-12.1.16.1 Draft Recommendation R1004 Ed1 Sustainability Recommendation	09 Apr 2019
12.1.17	<b>12. Review of output and working papers</b> ENAV23-12.1.17 Position on the development of AtoN services_Revised PAP36_track changes	09 Apr 2019
12.2.1	<b>12. Review of output and working papers</b> ENAV23-12.2.1 WP IALA Rec on MS in the context of ENAV	09 Apr 2019

12.2.2	<b>12. Review of output and working papers</b> ENAV23-12.2.2 WP Draft Guideline IALA on MS in the context of ENAV	09 Apr 2019
12.2.3	<b>12. Review of output and working papers</b> ENAV23-12.2.3 WP Terms of Reference of WG1	09 Apr 2019
12.2.4	<b>12. Review of output and working papers</b> ENAV23-12.2.4 WP Revised ToR - WG2	09 Apr 2019
12.2.5	<b>12. Review of output and working papers</b> ENAV23-12.2.5 WP Terms of Reference for WG3	09 Apr 2019
14.1	<b>14. Review of session report</b> ENAV23-14.1 Report of ENAV23	13 Apr 2019