



- Committee

AGENDA	TITLE	DATE
1.3	1. Introduction ENAV22-1.3 Agenda ENAV22 20181005	05 Oct 2018
1.5	1. Introduction ENAV22-1.5 Programme for the week	09 Jul 2018
2.1	2. Review of last meeting ENAV22-2.1 Action Items ENAV21	01 Sep 2018
	ENAV Committee photograph	15 Oct 2018
2.2	2. Review of last meeting ENAV22-2.2 (ENAV21-16.1) Report 21st Session IALA ENAV Committee - ENAV21 final	01 Sep 2018
3.0	3. Input documents ENAV22-3.0 Input paper Committee meeting template	09 Jul 2018
3.1.1	3. Input documents ENAV22-3.1.1 (ENAV21-14.2.3) Working Paper on draft e-navigation FAQs revised v2.0 r1 at ENAV21	03 Sep 2018
3.1.2	3. Input documents ENAV22-3.1.2 (C65-11.4.2.10 and ENAV21-14.1.27) VDES FAQ revision	03 Sep 2018
3.1.3	3. Input documents ENAV22-3.1.3 S1-182760 LS to IALA on maritime works in 3GPP	04 Sep 2018
3.1.4	3. Input documents ENAV22-3.1.4 Invitation for ENAV23 and workshop Singapore	13 Sep 2018
3.1.5	3. Input documents ENAV22-3.1.5 Conceptual Description on the Maritime Messaging Service (MMS)	13 Sep 2018
3.1.6	3. Input documents ENAV22-3.1.6 (C67-7.2.1) Draft work programme for committees 2018-2022	03 Oct 2018
3.1.7	3. Input documents ENAV22-3.1.7 (PAP36-13.3) Committee responsibilities in Information services	03 Oct 2018
3.1.8	3. Input documents ENAV22-3.1.8 ENAV22 WG1 Work Program 20181008	06 Oct 2018
4.1	4. Reports from other bodies ENAV22-4.1 19th IALA Conference 2018 report final	01 Sep 2018
4.2.1	4. Reports from other bodies ENAV22-4.2.1 (C65-19.1) Report Council 65	01 Sep 2018
4.2.2	4. Reports from other bodies ENAV22-4.2.2 (C66-20.1) Report Council 66 - Revised	01 Sep 2018
4.2.3	4. Reports from other bodies ENAV22-4.2.3 (C67-12.1) Report Council 67	01 Sep 2018
4.3.1	4. Reports from other bodies ENAV22-4.3.1 (PAP34-18.1) Draft Report PAP34	01 Sep 2018
4.3.2	4. Reports from other bodies ENAV22-4.3.2 (PAP35-18.1) Draft Report PAP35_V1	01 Sep 2018

4.3.3	4. Reports from other bodies ENAV22-4.3.3 (PAP36-11.1) Draft Report PAP36_V2	03 Oct 2018
4.4.1	4. Reports from other bodies ENAV22-4.4.1 Report e-Navigation Underway International 2018 final	01 Sep 2018
4.4.2	4. Reports from other bodies ENAV22-4.4.2 Report e-Navigation Underway North America 2017 final	01 Sep 2018
4.4.3	4. Reports from other bodies ENAV22-4.4.3 Report e-Navigation Underway Asia-Pacific 2018 draft	01 Sep 2018
4.5	4. Reports from other bodies ENAV22-4.5 Arctic Seminar report	01 Sep 2018
4.6.1	4. Reports from other bodies ENAV22-4.6.1 NCSR 5-WP.4 - Draft Report of the Navigation Working Group (Working Grou...	01 Sep 2018
4.6.2	4. Reports from other bodies ENAV22-4.6.2 Report on IMO NCSR5	20 Sep 2018
4.6.3	4. Reports from other bodies ENAV22-4.6.3 Report on IMO MSC99	25 Sep 2018
4.6.4	4. Reports from other bodies ENAV22-4.6.4 Report on IMO Council120	20 Sep 2018
4.7.1	4. Reports from other bodies ENAV22-4.7.1 Report from rapporteurs on IMO-IHO HGDM1	03 Sep 2018
4.8.1	4. Reports from other bodies ENAV22-4.8.1 IALA-IHO Technical Coordination Meeting v3	01 Sep 2018
4.9.1	4. Reports from other bodies ENAV22-4.9.1 EfficienSea2 D1.27 Report on VDES Information Plan implementation v3	01 Sep 2018
4.9.2	4. Reports from other bodies ENAV22-4.9.2 EfficienSea2 D1.29 MCP-VDES inter-operability report	01 Sep 2018
4.9.3	4. Reports from other bodies ENAV22-4.9.3 EfficienSea2 D1.29-1 VDES-MCP Integration - presentation for IALA ENAV WG3 Inter-sessional Jan 2018-vs2	01 Sep 2018
4.9.4	4. Reports from other bodies ENAV22-4.9.4 EfficienSea2 D1.30 Final Report on IALA Work v03	01 Sep 2018
4.10.1	4. Reports from other bodies ENAV22-4.10.1 IALA Report of ITU-R WP5B meetings November 2017 and May 2018 - 20180624	04 Sep 2018
4.10.2	4. Reports from other bodies ENAV22-4.10.2 IALA Report 14th Joint IMO-ITU Expert group 3rd to 7th September 2018	12 Sep 2018
6.1	6. Presentations ENAV22-6.1 Big Data Analytics	08 Oct 2018
6.2	6. Presentations ENAV22-6.2 MMS (ENAV22)-Jin H. PARK	08 Oct 2018
6.3	6. Presentations ENAV22-6.3 Japan consideration on VDES	08 Oct 2018
6.4	6. Presentations ENAV22-6.4 VDES development and trial result in Singapore from ASTAR-I2R+ST+MPA v1.0 (slide)	08 Oct 2018
6.5	6. Presentations ENAV22-6.5 MPA presentation at ENAV22 (FINAL)	08 Oct 2018
6.6	6. Presentations ENAV22-6.6 3GPP_presentation_on_IALA_cooperation_v02	08 Oct 2018
6.7	6. Presentations ENAV22-6.7 S-211 Presentation IALA e-NAV22 081018-Final	08 Oct 2018

6.8	6. Presentations ENAV22-6.8 enav testbed in China	08 Oct 2018
6.9	6. Presentations ENAV22-6.9 WWA brief to ENAV Oct 2018rev. 1	13 Oct 2018
6.10	6. Presentations ENAV22-6.10 GNSS Augmentation using VDE-SAT	11 Oct 2018
8.0	8. WG1 - Digital Information System ENAV22-8.0 rev.1 Draft Terms of Reference for WG1	14 Sep 2018
8.1.1	8. WG1 - Digital Information System ENAV22-8.1.1 Report on S-100WG3 for IALA (WG1)	01 Sep 2018
8.1.2	8. WG1 - Digital Information System ENAV22-8.1.2 (ARM7-12.1.8) ARM Input to ENAV on S-201	01 Sep 2018
8.1.3	8. WG1 - Digital Information System ENAV22-8.1.3 S-211 Context Input paper	26 Sep 2018
8.1.4	8. WG1 - Digital Information System ENAV22-8.1.4 - Research Progress on SMART-Navigation product specification	28 Sep 2018
8.2.1	8. WG1 - Digital Information System ENAV22-8.2.1 Draft IALA Guidelines on MSPs v20_sept 10.	14 Sep 2018
8.2.2	8. WG1 - Digital Information System ENAV22-8.2.2 Input paper ENAV Committee on Guideline for MS	04 Sep 2018
8.2.3	8. WG1 - Digital Information System ENAV22-8.2.3 Draft IALA Guidelines on MSPs v19 23august 2018	04 Sep 2018
8.2.4	8. WG1 - Digital Information System ENAV22-8.2.4 Annex 1 MS 1 Information Service Template	04 Sep 2018
8.2.5	8. WG1 - Digital Information System ENAV22-8.2.5 Annex 2 MSP 2 Navigational Assistance Service Template	04 Sep 2018
8.2.6	8. WG1 - Digital Information System ENAV22-8.2.6 (VTS44-8.1.4) WG1 Annex 3 Draft MSP 3Traffic Organisation Service Template 170321	04 Sep 2018
8.2.7	8. WG1 - Digital Information System ENAV22-8.2.7 update G1128	13 Sep 2018
8.2.8	8. WG1 - Digital Information System ENAV22-8.2.8 Service Integrity MCP IALA Input	13 Sep 2018
8.2.9	8. WG1 - Digital Information System ENAV22-8.2.9 Proposal to Support Instant Messaging Data Exchange Pattern in The e-Navigation Technical Service Specification	13 Sep 2018
8.2.10	8. WG1 - Digital Information System ENAV22-8.2.10 (VTS45-12.1.15) Liaison VTS to ENAV on MS_03.10.2018	05 Oct 2018
8.2.11	8. WG1 - Digital Information System ENAV22-8.2.11 (VTS45-12.1.16) Draft Guideline on MS 20181004 rev2	05 Oct 2018
9.0.1	9. WG2 - Digital Communication System ENAV22-9.0.1 rev.1Draft Terms of Reference for WG2	14 Sep 2018
9.0.2	9. WG2 - Digital Communication System ENAV22-9.0.2 Jan2018-ESTEC-output01- Report on Comms Intersessional Jan 2018	03 Sep 2018
9.0.3	9. WG2 - Digital Communication System ENAV22-9.0.3 July2018-Yiwu_O-01_Report-WG3-Intersessional-final	03 Sep 2018
9.2.1	9. WG2 - Digital Communication System ENAV22-9.2.1 (ENAV21-14.2.7) 20170921-1246 WD item182 SPI REC-M.2092	01 Sep 2018
9.2.2	9. WG2 - Digital Communication System ENAV22-9.2.2 (ENAV21-11.17) Classification of VDES Message (Korean Register of Shipping)	01 Sep 2018

9.2.3	9. WG2 - Digital Communication System ENAV22-9.2.3 (Jan2018-ESTEC-output02a)-Liaison note to ITU-R WP5B on [VDE-SAT]	12 Sep 2018
9.2.4	9. WG2 - Digital Communication System ENAV22-9.2.4 (Jan2018-ESTEC-output02b)-PDNR_ITU-R_M_VDES-SAT_WG3_2018-01_output	12 Sep 2018
9.2.5	9. WG2 - Digital Communication System ENAV22-9.2.5 (July2018-Yiwu_W-05) VDES_R-mode_Discussion	12 Sep 2018
9.2.6	9. WG2 - Digital Communication System ENAV22-9.2.6 (July2018-Yiwu_W-06) Promote-VDES	12 Sep 2018
9.2.7	9. WG2 - Digital Communication System ENAV22-9.2.7 (July2018-Yiwu_W-07) IALA response-IEC WG15_Liasison	12 Sep 2018
9.2.8	9. WG2 - Digital Communication System ENAV22-9.2.8 Draft_IALA_position_on_WRC-19A192_R4	12 Sep 2018
9.2.9	9. WG2 - Digital Communication System ENAV22-9.2.9 VDES development and trial result in Singapore from ASTAR-I2R+ST+MPA v1.0	12 Sep 2018
9.2.10	9. WG2 - Digital Communication System ENAV22-9.2.10 VDES_R-mode_Development_Status_Update	12 Sep 2018
9.2.11	9. WG2 - Digital Communication System ENAV22-9.2.11 AIS_VDES_R-mode_Development-Technical_Report-1v1	12 Sep 2018
9.2.12	9. WG2 - Digital Communication System ENAV22-9.2.12 WG2 - Analysis of the effect of short training sequence(Syncword) on Bit Error Ratio performance	13 Sep 2018
9.2.13.1	9. WG2 - Digital Communication System ENAV22-9.2.13.1 VDES-SAT by JRC	13 Sep 2018
9.2.13.2	9. WG2 - Digital Communication System ENAV22-9.2.13.2 proposed modification to ITU 5B-TEMP-225	13 Sep 2018
9.3.1	9. WG2 - Digital Communication System ENAV22-9.3.1 Rec ITU-R M585-7e	01 Sep 2018
9.3.2	9. WG2 - Digital Communication System ENAV22-9.3.2 Rec M.[AMRD]	01 Sep 2018
9.3.3	9. WG2 - Digital Communication System ENAV22-9.3.3 R15-WP5B-C-0538!N29!IMSW-E Liaison to IMO and IALA on AMRD	04 Sep 2018
9.3.4	9. WG2 - Digital Communication System ENAV22-9.3.4 WG3 - Annex 29 Liaison ITU 181 WP-5B re AMRD	01 Sep 2018
9.3.4.1	9. WG2 - Digital Communication System ENAV22-9.3.4.1 annex 3 to ITU-5B-411-E	01 Sep 2018
9.3.4.2	9. WG2 - Digital Communication System ENAV22-9.3.4.2 annex 13 to ITU-5B-411-E	01 Sep 2018
9.3.4.3	9. WG2 - Digital Communication System ENAV22-9.3.4.3 annex 14 to ITU-5B-411-E	01 Sep 2018
9.3.4.4	9. WG2 - Digital Communication System ENAV22-9.3.4.4 annex 23 to ITU-5B-411-E	01 Sep 2018
9.3.5	9. WG2 - Digital Communication System ENAV22-9.3.5 (Jan2018-ESTEC-output04a)- Liaison to ARM re ITU liaison on AMRD rev1	12 Sep 2018
9.3.6	9. WG2 - Digital Communication System ENAV22-9.3.6 (Jan2018-ESTEC-output05) Liaison ENAV to ENG on R-Mode using VDES	12 Sep 2018
9.3.7	9. WG2 - Digital Communication System ENAV22-9.3.7 (Jan2018-ESTEC-output03)-Draft Liaison note to ITU-R WP5B(May) on AMRD - rev1	12 Sep 2018
9.3.8	9. WG2 - Digital Communication System ENAV22-9.3.8 (July2018-Yiwu_W-04) Liaison-IALA-ITU-WP5B-AMRD	12 Sep 2018

9.4.1	9. WG2 - Digital Communication System ENAV22-9.4.1 (VTS45-12.1.2) Response to ENAV on IVEF	05 Oct 2018
9.5.1	9. WG2 - Digital Communication System ENAV22-9.5.1 R15-WP5B-C-0470!!MSW-E	12 Sep 2018
9.5.2	9. WG2 - Digital Communication System ENAV22-9.5.2 R15-WP5B-C-0470!P1!MSW-E	12 Sep 2018
9.5.3	9. WG2 - Digital Communication System ENAV22-9.5.3 ITU-R-REC-M.1371-6_WD_18-09-29_usa	12 Sep 2018
9.6.1	9. WG2 - Digital Communication System ENAV22-9.6.1 IDIservice-2018-final	13 Sep 2018
10.0	10. WG3 - Emerging Digital Technology ENAV22-10.0 rev.1 Draft Terms of Reference for WG3	14 Sep 2018
10.3.1	10. WG3 - Emerging Digital Technology ENAV22-10.3.1 WG3 - Introduction of 3GPP and 5G	13 Sep 2018
10.3.2	10. WG3 - Emerging Digital Technology ENAV22-10.3.2 WG3 - Status of 3GPP MARCOM standardisation	13 Sep 2018
10.3.3	10. WG3 - Emerging Digital Technology ENAV22-10.3.3 WG3 - Example of the development of 3GPP use cases on IMO ...	13 Sep 2018
10.3.4	10. WG3 - Emerging Digital Technology ENAV22-10.3.4 (PAP36-7.3.1) The progress of VDES and the influence of AIS and mandatory carriage	20 Sep 2018
10.3.5	10. WG3 - Emerging Digital Technology ENAV22-10.3.5 S1-182760 LS to IALA on maritime works in 3GPP	27 Sep 2018
10.3.6	10. WG3 - Emerging Digital Technology ENAV22-10.3.6 22819-g10	27 Sep 2018
10.3.7	10. WG3 - Emerging Digital Technology ENAV22-10.3.7 making-5g-nr-a-commercial-reality	16 Oct 2018
10.3.8	10. WG3 - Emerging Digital Technology ENAV22-10.3.8 qualcomm-5g-vision-presentation	16 Oct 2018
11.1	11. ENAV Work Programme (2018 - 2022) ENAV22-11.1 IALA-ENAV-22_Task_Plan_18-10-12-2	15 Oct 2018
11.2	11. ENAV Work Programme (2018 - 2022) ENAV22-11.2 Terms of Reference for WG1	15 Oct 2018
11.3	11. ENAV Work Programme (2018 - 2022) ENAV22-11.3 Terms of Reference for WG2 (WG3)	15 Oct 2018
11.4	11. ENAV Work Programme (2018 - 2022) ENAV22-11.4 Terms of Reference for WG3	15 Oct 2018
12.1.1	12.1 Output documents ENAV22-12.1.1 Liaison ENAV to ARM on AMRD Draft docs	15 Oct 2018
12.1.2	12.1 Output documents ENAV22-12.1.2 draft IALA Recommendation on AMRD-For ARM	15 Oct 2018
12.1.3	12.1 Output documents ENAV22-12.1.3 draft IALA Guideline on AMRD- For ARM	15 Oct 2018
12.1.4	12.1 Output documents ENAV22-12.1.4 Liaison-IALA to ITU-WP5B on AMRD	15 Oct 2018
12.1.5	12.1 Output documents ENAV22-12.1.5 Liaison IALA to IMO-NCSR on AMRD	15 Oct 2018
12.1.6	12.1 Output documents ENAV22-12.1.6 Liaison IALA to IMO-NCSR on ITU WRC-23	15 Oct 2018

12.1.7	12.1 Output documents ENAV22-12.1.7 Liaison IALA to ITU on WRC-23	15 Oct 2018
12.1.8	12.1 Output documents ENAV22-12.1.8 IALA position on WRC-19 for CPM19-2	15 Oct 2018
12.1.9	12.1 Output documents ENAV22-12.1.9 VDE-SAT_LN_to_ITUWP5B (1)	15 Oct 2018
12.1.10	12.1 Output documents ENAV22-12.1.10 VDE-SAT_Annex to LN	15 Oct 2018
12.1.11	12.1 Output documents ENAV22-12.1.11 Draft Revision G1128 v1.1 on specification of enav technical service	15 Oct 2018
12.1.12	12.1 Output documents ENAV22-12.1.12 S-211 Context Input paper	15 Oct 2018
12.1.13	12.1 Output documents ENAV22-12.1.13 Liaison to IALA Secretariat reach out for emerging tech	15 Oct 2018
12.1.14	12.1 Output documents ENAV22-12.1.14 Draft revision G1139 on Technical Specifications of VDES	15 Oct 2018
12.1.15	12.1 Output documents ENAV22-12.1.15 Liaison ENAV to Council on draft Guidelines	15 Oct 2018
12.1.16	12.1 Output documents ENAV22-12.1.16 Liaison ENAV to Council to hold a Workshop on Initial Operating Capability (IOC) for e-Navigation	15 Oct 2018
12.1.17	12.1 Output documents ENAV22-12.1.17 Liaison ENAV to ENG on PNT_on_R_mode-1v0 (1)	15 Oct 2018
12.1.18	12.1 Output documents ENAV22-12.1.18 Liaison ENAV to PAP on ToR of WGs	15 Oct 2018
12.1.19	12.1 Output documents ENAV22-12.1.19 Liaison ENAV to 3GPP	15 Oct 2018
12.1.20	12.1 Output documents ENAV22-12.1.20 Liaison ENAV to ARM on MS	15 Oct 2018
12.2.1	12.2 Working papers ENAV22-12.2.1 Initial Stage proposal IALA template	15 Oct 2018
12.2.2	12.2 Working papers ENAV22-12.2.2 Initial Stage proposal IALA Candidate Technology - QualCom 5G	15 Oct 2018
12.2.3	12.2 Working papers ENAV22-12.2.3 Draft IALA Guideline on MSPs v21	15 Oct 2018
12.2.4	12.2 Working papers ENAV22-12.2.4 20181011 WD ITUR M-1371 ENAV22-9.5.2 R15-WP5B-C-0470!P1!MSW-E.docx	15 Oct 2018
14	14. Report ENAV22-14 Report ENAV22	12 Nov 2018