Draft Standards   (After PAP29 discussion and Secretariat editing)

Blue boxes show the proposed seven Standards, white boxes indicate topic areas for Recommendations, and likely areas of Committee activity are shown by coloured columns.

AtoN Planning and Service Delivery [ARM]

- Obligations, International & national
- Levels of service objectives. Availability and Categories
- Quality management. Record keeping
- Risk analysis, Simulation

Visual AtoN Signalling [ENG] [ARM]

- Maritime Buoyage System
- Vision, Colour, Conspicuity
- Range and performance
- Offshore signals, Bridge signals, Traffic signals, Leading lines, Others
- Design objectives, Protection, Security
- Power systems
- Floating AtoN
- Commissioning. Maintenance. Environmental. Heritage

Radionavigation Services [ENG] [ENAV] [ARM]

- Satellite systems, including GNSS, SBAS
- Terrestrial systems including DGNSS, radio beacons, R-mode
- Terrestrial hyperbolic systems, including eLoran
- Microwave systems, including radar beacons & reflectors

VTS Implementation and Operations [VTS] [ENAV] [ARM]

- Operating principles and Procedures
- Presentation, Symbology (for the VTS operator)
- Standard VTS voice communications phrases
- Standard VTS digital messages
- VTS sensor requirements
- Auditing and assessing of VTS

Training and Certification [ALL COMMITTEES + WWA]

- Training and assesment
- Certification and revalidation
- Simulation in training
- Human factors and Decision support tools

Digital Communications [ENAV] [VTS]

- Terrestrial VHF and above, including VDES & AIS
- Other spectrum including NAVDAT, MF beacon data broadcasting
- Information exchange systems, including Inter-VTS exchange
- Commercial Terrestrial and Satellite

Information Services [ENAV] [ARM] [VTS] [ENG]

- Harmonised Connectivity Framework
- Maritime Identity Register
- Registry (S-200)
- MSI, MSP
- Application Specific Messages
- Situation awareness &Traffic information
- AtoN monitoring
- IALANET
- Symbology, terminology, IALA Dictionary