**Emerging Digital Technology Working Group (WG 3)**

**Draft Terms of Reference**

**Introduction**

The development of digital technology continues to be rapid and it impacts on almost all aspects of the maritime industry, including aids to navigation and VTS. Therefore, it is important to evaluate emerging digital technologies such as those applicable to telematics, Maritime Autonomous Surface Ships (MASS) and broadband communications. Equally, it is important to identify their advantages, limitations and application to aids to navigation, VTS and e-navigation services and systems. For this purpose, a new working group, named Emerging Digital Technologies Working Group has been established for the 2018-22 work term.

**Terms of reference**

The Working Group, taking into account the input papers submitted to the Committee and the comments made and decisions taken in plenary, is instructed to:

1. evaluate emerging digital technologies and identify their advantages, limitations and applicability to aids to navigation, VTS and e-navigation;
2. develop draft IALA guidance documents on emerging digital technologies;
3. develop an IALA strategy on digitalisation of maritime traffic/operations/transport
4. inform other IALA Committees of matters of relevance to their work;
5. if necessary, liaise with other external bodies, as required ;
6. organise Workshops, Seminars or other events on digital technologies, as necessary;
7. submit a written report to plenary at the end of each session.