

**IALA COUNCIL**  
**63<sup>rd</sup> session****13-16 December 2016**  
**IALA Headquarters****11 – TECHNICAL ACTIVITIES****11.4 – ENAV****11.4.3 – Draft Recommendation R-150 on DGNSS Service Provision Upgrades and Future Use**

Note by the Secretariat

**1. BACKGROUND**

The International Maritime Organisation (IMO) requires vessels to carry a 'receiver for a Global Navigation Satellite System (GNSS) or a Terrestrial Radionavigation System (TRS), or other means, suitable for use at all times throughout the intended voyage to establish and update the ship's position by automatic means. The differential GNSS (DGNSS) correction broadcast infrastructure improves the navigational accuracy and integrity of GNSS to support this requirement.

**2. RECOMMENDATION ON DGNSS SERVICE PROVISION UPGRADES AND FUTURE USE**

This is a new Recommendation.

It recommends that IALA National Members and other appropriate Authorities providing marine aids to navigation services should consider provision of DGNSS services and the potential for additional services such as R-Mode (ranging using DGNSS radio signal timing). It also recommends that, if DGNSS services are withdrawn, authorities should retain existing 300kHz DGNSS infrastructure for future use.

The finalised document is submitted as input paper C63-11.4.3.1.

**3. THE COUNCIL IS REQUESTED TO**

**Approve** the draft Recommendation R-150 on DGNSS Service Provision Upgrades and Future Use.