

ABSTRACT SUBMISSION

**Topic No :**

**proposed topic : DGPS System Upgrade for GNSS Service**

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ABSTRACT / RESUME:

The National Maritime PNT Office has installed and operated 11 DGPS reference stations in domestic coastal areas for more safe and efficient navigation in narrow channels, harbor entrances and approaches in accordance with IMO resolution. Adding 6 DGPS reference stations in land, Nationwide DGPS can be used in marine as well as in land.

Nowadays Russian GLONASS reached full operational capability with the full orbital constellation, so RTCM SC-104 has been working on revising RTCM standards. To cope with that, our office upgraded RSIM software at DGPS stations for DGLONASS service and now we operate DGNSS trial service

Our office plans to operate DGNSS service to cope with multi-constellation GNSS including GPS, GLONASS, BeiDou and Galileo.