



The Radio Technical Commission for Maritime Services
Report to
HSSC-6
Viña del Mar, Chile



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Quick facts about RTCM



- More than 130 member organizations
- Involvement with
 - International Maritime Organization (IMO)
 - Cospas-Sarsat
 - International Electro-technical Commission (IEC)
 - International Organization of Standards (ISO)
 - European Telecommunication Standards (ETSI)
 - International Loran Association
- Contribute to relevant work of:
 - The International Hydrographic Organization (IHO)
 - The International Telecommunications Union (ITU)
 - The International Association of Aids to Navigation and Lighthouses Authorities (IALA)
 - The Comité International Radio-Maritime (CIRM)
 - The National Marine Electronics Association (NMEA)
 - The Mobile Satellite Users Association (MSUA)
- 15 Special Committees
- 5 different “Mailing Lists” (subject-specific interest groups)



Some activities relevant to IHO

The e-Navigation Steering Committee



- Evaluation of mobile platform technology
- The use of ENCs combined with AIS and other information
 - Runtime technology
- Addressing recreational boaters mainly
- Perhaps also some commercial uses – unregulated Portable Pilot Units (PPUs) and handhelds for Masters and Mates
- Influenced by the US e-Navigation Strategic Action plan
- Focus areas:
 - Improved connectivity
 - Seamless data exchange
 - System integration
 - Human-machine interface
 - Standards for components supporting the eNavigation framework
 - Position, Navigation and Timing

Special Committee 104 Differential Global Navigation Satellite Systems (DGNSS)



- Newly created Joint RTCM/NMEA Working Group
- For the development of new GPS/GNSS data messages
- It has 11 of the total SC 104 members
- Working Group tasks that can be beneficial to hydrographic surveys:
 - PBV Position: Extend (GGA – fix information) sentence with covariance (accuracy) information
 - PBV Baseline vector: Develop a new baseline vector sentence with covariance (accuracy) information



Thank you

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