Welcome

Enabling e-Navigation: Today and Tomorrow
Building the Infrastructure & Reaping the Benefits

Conference Starts at 8:30 am
WIFI: surfzone
Slido.com - #P063
Password: turtles701
Hosting Facility

- The Florida Aquarium
- Emergency Exits
- Facilities
- Open until 5:00 pm
What is RTCM?

- Non-profit, scientific, professional and educational organization

- Over 140 organization members from industry, government, and educational institutions from all over the world

- As an NGO, we maintain a unique relationship between US and international regulatory bodies and the public
RTCM Main Activities

• Navigation and Radiocommunication systems for commercial and recreational vessels

• Major role in national and international regulatory dialogues and policy initiatives

• Developing and maintaining standards through Special Committee (SC) Activity.
  – SC’s provide a forum in which government and non-government members work together to develop technical standards and consensus recommendations in regard to issues of particular concern.
We are actively engaged in the development of international standards through our involvement in –

- the International Maritime Organization (IMO),
- the International Electrotechnical Commission (IEC),
- the International Organization for Standardization (ISO),
- the European Telecommunications Standards Institute (ETSI),
- COSPAS-SARSAT,
- The International Loran Association.

We also monitor and contribute to relevant work of –

- the International Telecommunications Union (ITU),
- the International Hydrographic Organization (IHO),
- the International Association of Aids to Navigation and Lighthouse Authorities (IALA),
- the Comité International Radio-Maritime (CIRM),
- The National Marine Electronics Association (NMEA)
- Mobile Satellite Users Association (MSUA)
## RTCM Most Active Special Committees

<table>
<thead>
<tr>
<th>SC No.</th>
<th>Special Committee Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 110</td>
<td>Emergency Beacons (EPIRBs and PLBs)</td>
</tr>
<tr>
<td>SC 119</td>
<td>Maritime Survivor Locator Devices</td>
</tr>
<tr>
<td>SC 121</td>
<td>Automatic Identification Systems (AIS) and Digital Messaging</td>
</tr>
<tr>
<td>SC 123</td>
<td>Digital Message Services over Maritime Frequencies</td>
</tr>
<tr>
<td>SC 134</td>
<td>Integrity for High Accuracy GNSS-Based Applications</td>
</tr>
<tr>
<td>SC 135</td>
<td>Radio Layer for Real-Time DGNSS Applications</td>
</tr>
<tr>
<td>SC 136</td>
<td>Beacon Type Approval</td>
</tr>
<tr>
<td>SC 137</td>
<td>Electromagnetic Compatibility Requirements for LED Devices and other Unintentional</td>
</tr>
<tr>
<td></td>
<td>Emitters Located Near Shipboard Antennas</td>
</tr>
</tbody>
</table>
RTCM Annual Meeting and Conference

Last Assembly: September 17-20, 2019 in Portsmouth, VA

Next Assembly: September 22-25, 2020 in Orlando, Florida

www.rtcms.org
Port Tampa Bay