RTCM
SC128 Sub-Committee
Satellite Emergency Notification Devices
(SEND)

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RTCM Special Committee SC128
on Satellite Emergency Notification Devices

- Focus is Commercial Satellite Systems
- SC128's primary role is to:
  - Consider the need for the establishment of standards for satellite emergency notification and locating devices; and
  - If the committee agrees that there is such a need, develop appropriate RTCM Standards or Reports addressing minimum operating and performance requirements, technical requirements, and/or test procedures, with a view to their use for the production and possible certification of such devices
  - The methods that such devices use to contact the emergency services either directly or indirectly are currently outside of the scope of the work of this Committee
- SC128 is drawing expertise and data from SC110

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RTCM Special Committee SC128
on Satellite Emergency Notification Devices

- Committee set up at the end of 2008 following a request from the USCG

- Inaugural meeting held in DC in Feb, first full meeting held earlier this week

- Committee members include:
  - Government Departments USCG, USAF, NASA, FCC
  - Satellite Providers - Globalstar, Iridium
  - Manufacturers
  - Consumer Advocate
  - Overseas representation – Canadian National SAR Secretariat

Current SC128 Main Work Areas

- Developing a generic standard for SEND's

- Standard will address:
  - Controls
  - Indicators
  - Operation
  - General Construction
  - Technical Characteristics
  - Environmental and Other Tests

- Standard will not cover technical features of satellite communications (e.g. Tx Power, Frequency, Modulation), the satellite provider is responsible for testing and approving these features

- Some back end services may be added later

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Questions?

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