Code of Federal Regulations Changes

• Changes were submitted to FCC April of 2011 and should be released for comment period within the next year
• Changes affect EPIRB, ELT, and PLB Code of Federal Regulations (CFR)
• New NOAA mailing address was included in the language Aug 2012, but did not alter timeline of changes already submitted
Main Changes

• New NOAA/SARSAT mailing address
• Mandated use of Checksum on registration forms
• Prohibition of coding MMSI or Radio Call Signs in Beacon ID (UIN)
• Must include pre-paid envelope and registration form with pre-printed UIN broken into 3 groups of 5 characters and have the corresponding checksum
• Registration form must list NOAA’s online registration website – www.beaconregistration.noaa.gov
Main Changes

• New NOAA/SARSAT mailing address
• Must include pre-paid envelope and registration form with pre-printed UIN broken into 3 groups of 5 characters and have the corresponding checksum
  – In protocols where UIN will change, checksum is exempted
• Registration Form must contain the following statement
  – “WARNING – failure to register this ELT with NOAA before installation could result in a monetary forfeiture being issued to the owner.”
• Registration form must list NOAA’s online registration website – www.beaconregistration.noaa.gov
Main Changes

• New NOAA/SARSAT address
• Must include pre-paid envelope and registration form with pre-printed UIN broken into 3 groups of 5 characters and have the corresponding checksum
• Registration form must list NOAA’s online registration website – www.beaconregistration.noaa.gov
RTCM EPIRB Standard 11000.3

• On June 12th 2012, a new version of RTCM 406 MHz EPIRB Standard 11000.3 was published with the following changes:
  – Incorporates technical characteristics of C/S T.001, ITU-R M.690-1 and IEC 61097-2 by reference
  – Internal GNSS navigation device required, performance and test characteristics defined
  – Optional GNSS device self-test function
  – Annex F – Now prohibits EPIRB’s from being coded with Maritime User Protocol, Radio Call Sign User Protocol, or MMSI Location Protocol
  – New Ergonomics Requirements and Tests (not mandatory until Jan 1st 2014)
On June 8th 2012, a new version of RTCM 406 MHz PLB Standard 11010.2 was published with the following changes:

– Contains corrected GNSS test scenario tables in Annex G
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