Part 80 Report and Order & Part 87 Review

Equipment Authorization and Compliance Branch

Federal Communications Commission
Office of Engineering and Technology
Laboratory Division
PART 80 – Maritime Services

• Report & Order 16-119: Part 80
  • Effective date: January 17, 2017
    • AIS-SART
    • VDSMS
    • EPIRB
      • January 17, 2018
  • Further details:
    • R&O 16-119
PART 80 – Maritime Services

• USCG POC for Part 80: typeapproval@uscg.mil

• AIS Class B (§80.231)
  • CG Type Approval: 165.156
  • Not in US/EC MRA for Marine Equipment

• AIS-SART (§80.233)
  • No CG Type Approval, issue Letter of Conformance
  • Not in US/EC MRA for Marine Equipment

• AIS Class A (§80.275)
  • CG Type Approval: 165.155
  • In US/EC MRA for Marine Equipment

• EPIRB (§80.1061)
  • No CG Type Approval, issue Letter of Conformance
  • Not in US/EC MRA for Marine Equipment
### PART 80 – Maritime Services

- Three acceptable forms of CG review

<table>
<thead>
<tr>
<th>CG Review</th>
<th>AIS-A</th>
<th>AIS-B</th>
<th>AIS-SART</th>
<th>EPIRB (Type Accepted)</th>
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<td>✓</td>
<td>✗</td>
<td>Ref Only 161.011</td>
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<td>165.155</td>
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<td><strong>CG Letter of Conformance</strong></td>
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<td>(EU Item number)</td>
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- CG Type Approval
  - [www.cgmix.uscg.mil/](http://www.cgmix.uscg.mil/)
- CG Letter of Conformance
  - Signed by CG-ENG
- EU/USCG MRA Approved Equipment
  - [www.mared.org](http://www.mared.org)

May 2017

TCB Workshop
PART 87 - Aviation Services

• Licensed non-broadcast Station Transmitter (TNB)
  • Most popular Equipment class (94% of all Part 87 filings)
  • FAA letter of notification required prior to FCC Filing - §87.147(d)(3)
    • 90-110 kHz
    • 190-285 kHz
    • 325-435 kHz
    • 74.800 MHz to 75.200 MHz
    • 108.000 MHz to 137.000 MHz
    • 328.600 MHz to 335.400 MHz
    • 960.000 MHz to 1215.000 MHz
    • 1545.000 MHz to 1626.500 MHz
    • 1646.500 MHz to 1660.500 MHz
    • 5000.000 MHz to 5250.000 MHz
    • 14.000 GHz to 14.400 GHz
    • 15.400 GHz to 15.700 GHz
    • 24.250 GHz to 25.250 GHz
    • 31.800 GHz to 33.400 GHz
Questions and Answers

Thanks!