



# **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

CG Review	AIS-A	AIS-B	AIS-SART	EPIRB (Type Accepted)
<u>CG Type Approval</u> (Approval Series Number)	✓ 165.155	✓ 165.155	x	Ref Only 161.011
CG Letter of Conformance	x	x	✓	✓
US/EC MRA (EU Item number)	✓ A.1/4.32	x	x	x

- 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)



# 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!**