

³Frequencies used in the Automated Maritime Telecommunications System (AMTS). See §80.385(b).

⁴Types of emission are determined by the INMARSAT Organization.

⁵Transmitters type accepted prior to December 31, 1969, for emission H3E, J3E, and R3E and an authorized bandwidth of 3.5 kHz may continue to be operated. These transmitters will not be authorized in new installations.

⁶G3D emission must be used only by one-board stations for maneuvering or navigation.

⁷Frequencies used for cable repair operations. See §80.375(b).

⁸For direction finding requirements see §80.375.

⁹Includes distress emissions used by ship, coast, EPIRBs and survival craft stations.

¹⁰On 2182 kHz A1B, A2B, H2B and J2B emissions indicate transmission of the auto alarm signals.

¹¹Ships on domestic voyages must use J3E emission only.

¹²For frequencies 154.585 MHz, 159.480 MHz, 160.725 MHz, 160.785 MHz, 454.000 MHz and 459.000 MHz, authorized for offshore radio-location and related telecommand operations.

¹³Class C EPIRB stations may not be used after February 1, 1999.

¹⁴NB-DP operations which are not in accordance with ITU-R Recommendation M.625-3, "Direct-Printing Telegraph Equipment Employing Automatic Identification in the Maritime Mobile Service," with Annex, 1995, or ITU-R Recommendation M.476-5, "Direct-Printing Telegraph Equipment in the Maritime Mobile Service," with Annex, 1995, are permitted to utilize any modulation, so long as emissions are within the limits set forth in §80.211(f) of this chapter. ITU-R Recommendations M.476-5 and M.625-3 with Annexes are incorporated by reference. The Director of the Federal Register approves this incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR Part 51. Copies of these standards can be inspected at the Federal Communications Commission, 445 12th Street, SW, Washington, DC (Reference Information Center) or at the Office of the Federal Register, 800 North Capitol Street, NW, Suite 700, Washington, DC. The ITU-R Recommendations can be purchased from the International Telecommunication Union (ITU), Place des Nations, CH-1211 Geneva 20, Switzerland.

¹⁵J2B is permitted only on 2000-27500 kHz.

¹⁶J2D is permitted only on 2000-27500 kHz, and ship stations employing J2D emissions shall at no time use a peak envelope power in excess of 1.5 kW per channel.

¹⁷J2B and J2D are permitted provided they do not cause harmful interference to A1A.

¹⁸Coast stations employing J2D emissions shall at no time use a peak envelope power in excess of 10 kW per channel.

¹⁹J2D is permitted only on 2000-27500 kHz.

■ 36. Section 80.209 is amended by revising the table in paragraph (a) to read as follows. **§ 80.209 Transmitter frequency tolerances.** (a) * * *

Frequency bands and categories of stations	Tolerances ¹
(1) Band 100-525 kHz:	
(i) Coast stations:	
For single sideband emissions	20 Hz.
For transmitters with narrow-band direct printing and data emissions	10 Hz. ²
For transmitters with digital selective calling emissions	10 Hz.
For all other emissions	100.
(ii) Ship stations:	
For transmitters with narrow-band direct printing and data emissions	20 Hz.
For transmitters with digital selective calling emissions	10 Hz. ²
For all other transmitters	10 Hz.
(iii) Ship stations for emergency only:	
For all emissions	20 Hz.
(iv) Survival craft stations:	
For all emissions	20 Hz.
(v) Radiodetermination stations:	
For all emissions	100.
(2) Band 1600-4000 kHz:	
(i) Coast stations and Alaska fixed stations:	
For single sideband and facsimile	20 Hz.
For narrow-band direct printing and data emissions	10 Hz. ²
For transmitters with digital selective calling emissions	10 Hz. ²
For all other emissions	50 Hz.
(ii) Ship stations:	
For transmitters with narrow-band direct printing and data emissions	10 Hz. ²
For transmitters with digital selective calling emissions	10 Hz. ³
For all other transmitters	20 Hz.
(iii) Survival craft stations:	20 Hz.
(iv) Radiodetermination stations:	
With power 200W or less	20.
With power above 200W	10.
(3) Band 4000-27500 kHz:	
(i) Coast stations and Alaska fixed stations:	
For single sideband and facsimile emissions	20 Hz.
For narrow-band direct printing and data emissions	10 Hz. ²
For digital selective calling emissions	10 Hz.
For Morse telegraphy emissions	10.
For all other emissions	15 Hz.
(ii) Ship stations:	
For transmitters with narrow-band direct printing and data emissions	10 Hz. ²
For transmitters with digital selective calling emissions	10 Hz. ³
For all other transmitters	20 Hz.
(iii) Survival craft stations:	50 Hz.
(4) Band 72-76 MHz:	