

Before the  
Federal Communications Commission  
Washington, D.C. 20554

In the Matter of )  
 )  
Amendment of the Commission’s Rules Regarding ) WT Docket No. 04-344  
Maritime Automatic Identification Systems )

**ERRATUM**

**Released: March 18, 2009**

By the Deputy Chief, Mobility Division, Wireless Telecommunications Bureau:

On September 19, 2008, the Commission released a *Second Report and Order*, FCC 08-208, in the above-captioned proceeding. This Erratum corrects Appendix B to the *Second Report and Order* as indicated below:

1. Paragraph 5, Section 80.371, is corrected to read as follows:

Section 80.371 is amended by removing the column titled “Frequency pairs not available for assignment” in the table in paragraph (c)(1)(ii), and revising paragraphs (c)(1)(i), (c)(1)(ii) introductory text, and (c)(3) to read as follows:

**§ 80.371 Public correspondence frequencies.**

\* \* \* \* \*

(c) Working frequencies in the marine VHF 156-162 MHz band. (1)(i) The frequency pairs listed in this paragraph are available for assignment to public coast stations for communications with ship stations and units on land.

Working Carrier Frequency Pairs in the 156-162 MHz Band<sup>1</sup>

Channel designator	Carrier Frequency (MHz)	
	Ship Transmit	Coast Transmit
24.....	157.200	161.800
84.....	157.225	161.825
25 <sup>5</sup> .....	157.250	161.850
85 <sup>2</sup> .....	157.275	161.875
26.....	157.300	161.900
86.....	157.325	161.925
27.....	157.350	161.950
87 <sup>3</sup> .....	157.375	161.975
28.....	157.400	162.000
88 <sup>4</sup> .....	157.425	162.025

<sup>1</sup> For special assignment of frequencies in this band in certain areas of Washington State, the Great Lakes

and the east coast of the United States pursuant to arrangements between the United States and Canada, see subpart B of this part.

<sup>2</sup> The frequency pair 157.275/161.875 MHz is available on a primary basis to ship and public coast stations. In Alaska it is also available on a secondary basis to private mobile repeater stations.

<sup>3</sup> The frequency 161.975 MHz is available only for Automatic Identification System communications. No license authorizing a site-based VHF Public Coast Station or a Private Land Mobile Radio Station to operate on the frequency 161.975 MHz will be renewed unless the license is or has been modified to remove frequency 161.975 MHz as an authorized frequency. Licenses authorizing geographic stations to operate on frequency 161.975 MHz will be modified on [INSERT DATE TWO YEARS AFTER EFFECTIVE DATE] to replace the frequency with either frequency pair 157.225/161.825 MHz (VPCSAs 10-15, 23-30, 33-34, 36-39, and 41-42) or frequency pair 157.275/161.875 MHz (VPCSAs 16-22, 31-32, 35, and 40), unless an application to so modify the license is granted before that date.

<sup>4</sup> The frequency 162.025 MHz is available only for Automatic Identification System communications. One hundred twenty kilometers (75 miles) from the United States/Canada border, the frequency 157.425 MHz is available for intership and commercial communications. Outside the Puget Sound area and its approaches and the Great Lakes, 157.425 MHz is available for communications between commercial fishing vessels and associated aircraft while engaged in commercial fishing activities.

<sup>5</sup> In VPCSAs 10-42, the working carrier frequency pair 157.250/161.850 MHz (Channel 25) is not available for assignment under Part 80.

(ii) Service areas in the marine VHF 156-162 MHz band are VHF Public Coast Service Areas (VPCSAs). As listed in the table in this paragraph, VPCSAs are based on, and composed of one or more of, the U.S. Department of Commerce's 172 Economic Areas (EAs). See 60 FR 13114 (March 10, 1995). In addition, the Commission shall treat Guam and the Northern Mariana Islands, Puerto Rico and the United States Virgin Islands, American Samoa, and the Gulf of Mexico as EA-like areas, and has assigned them EA numbers 173-176, respectively. Maps of the EAs and VPCSAs are available for public inspection and copying at the FCC Public Reference Room, Room CY-A257, 445 12th Street, SW., Washington, DC 20554. In addition to the EAs listed in the table in this paragraph, each VPCSA also includes the adjacent waters under the jurisdiction of the United States. In VPCSAs 10-42, the working carrier frequency pair 157.250 MHz/161.850 MHz (Channel 25) is not available for assignment under Part 80.

VHF Public coast station areas (VPCSAs)	
VPCSAs	EAs
1 (Northern Atlantic)	1-5, 10
2 (Mid-Atlantic)	9, 11-23, 25, 42, 46
3 (Southern Atlantic)	24, 26-34, 37, 38, 40, 41, 174
4 (Mississippi River)	34, 36, 39, 43-45, 47-53, 67-107, 113, 116-120, 122-125, 127, 130-134, 176
5 (Great Lakes)	6-8, 54-66, 108, 109
6 (Southern Pacific)	160-165
7 (Northern Pacific)	147, 166-170
8 (Hawaii)	172, 173, 175
9 (Alaska)	171
10 (Grand Forks)	110
11 (Minot)	111

12 (Bismarck)	112
13 (Aberdeen)	114
14 (Rapid City)	115
15 (North Platte)	121
16 (Western Oklahoma)	126
17 (Abilene)	128
18 (San Angelo)	129
19 (Odessa-Midland)	135
20 (Hobbs)	136
21 (Lubbock)	137
22 (Amarillo)	138
23 (Santa Fe)	139
24 (Pueblo)	140
25 (Denver-Boulder-Greeley)	141
26 (Scottsbluff)	142
27 (Casper)	143
28 (Billings)	144
29 (Great Falls)	145
30 (Missoula)	146
31 (Idaho Falls)	148
32 (Twin Falls)	149
33 (Boise City)	150
34 (Reno)	151
35 (Salt Lake City-Ogden)	152
36 (Las Vegas)	153
37 (Flagstaff)	154
38 (Farmington)	155
39 (Albuquerque)	156
40 (El Paso)	157
41 (Phoenix-Mesa)	158
42 (Tucson)	159

\* \* \* \* \*

(3) VPCSA licensees may not operate on Channel 228B (162.0125 MHz), which is available for use in the Coast Guard's Ports and Waterways Safety System (PAWSS). In addition, VPCSA licensees may not operate on Channel AIS 1 (161.975 MHz) or Channel AIS 2 (162.025 MHz), which are designated exclusively for Automatic Identification Systems (AIS), except to receive AIS communications to the same extent, and subject to the same limitations, as other shore stations participating in AIS. See note 3 to the table in paragraph (c)(1) of this section regarding use of Channel AIS 1 by VPCSA licensees in VPCSA 10-42.

\* \* \* \* \*

2. Paragraph 8, Section 90.20, is corrected to read as follows:

Section 90.20 is amended by removing paragraphs (g)(3) and (g)(4), redesignating paragraph (g)(5) as (g)(3), and revising paragraphs (g), (g)(2) and redesignated paragraphs (g)(3)(i), (g)(3)(ii), (g)(3)(iii)(B), (g)(3)(iii)(D), (g)(3)(iv), and (g)(3)(vi) to read as follows:

**§ 90.20 Public safety pool.**

\* \* \* \* \*

(g) Former public correspondence working channel in the maritime VHF (156-162 MHz) band allocated for public safety use in 33 inland Economic Areas.

- (1) \* \* \*

(2) In VHF Public Coast Service Areas (VPCSA) 10-42, the duplex channel pair 157.250 MHz/161.850 MHz (VHF Maritime Channel 25) is allocated for public safety use by entities eligible for licensing under paragraph (a) of this section, and is designated primarily for the purpose of interoperability communications. See 47 CFR § 80.371(c)(1)(ii) for the definitions of VPCSA.

(i) The channel pair 157.250 MHz/161.850 MHz was formerly allocated and assigned (under § 80.371(c) (1997) of this chapter) as a public correspondence working channel in the maritime VHF 156-162 MHz band, and was also shared (under former § 90.283 (1997) of this chapter) with private land mobile stations, including grandfathered public safety licensees. Thus, there are grandfathered licensees nationwide (maritime and private land mobile radio stations, including by rule waiver) operating on this channel both inside and outside of VPCSA 10-42.

(ii) The channel pairs 157.225 MHz/161.825 MHz and 157.275 MHz/161.875 MHz were formerly allocated and assigned under this section as public safety interoperability channels but were reallocated for assignment as VHF public coast station channels under § 80.371(c) of this chapter. Public safety operations licensed on these channels as of March 2, 2009 or licensed pursuant to an application filed prior to September 19, 2008 may remain authorized to operate on the channels on a primary basis until March 4, 2024.

- (3) \* \* \*

(i) Provide evidence of frequency coordination in accordance with § 90.175. Public safety coordinators except the Special Emergency Coordinator are certified to coordinate applications for the channel pair 157.250 MHz/161.850 MHz (i.e., letter symbol PX under paragraph (c)(2) of this section).

(ii) Station power, as measured at the output terminals of the transmitter, must not exceed 50 Watts for base stations and 20 Watts for mobile stations, except in accordance with the provisions of paragraph (g)(3)(vi) of this section. Antenna height (HAAT) must not exceed 122 meters (400 feet) for base stations and 4.5 meters (15 feet) for mobile stations, except in accordance with paragraph (g)(3)(vi) of this section. Antenna height (HAAT) must not exceed 122 meters (400 feet) for base stations and 4.5 meters (15 feet) for mobile stations, except in accordance with paragraph (g)(3)(vi) of this section. Such base and mobile channels shall not be operated on board aircraft in flight.

- (iii) \* \* \*

(B) Protect stations described in paragraph (g)(2)(i) of this section, by frequency coordination in accordance § 90.175 of this part.

\* \* \* \* \*

- (C) \* \* \*

(D) Where the Public safety designated channel is not a Public safety designated channel in an adjacent VPCSA: Applicants shall engineer base stations such that the maximum signal strength at the boundary of the adjacent VPCSA does not exceed 5 dB $\mu$ V/m.

(iv) The following table, along with the antenna height (HAAT) and power (ERP), must be used to determine the minimum separation required between proposed base stations and co-channel public coast stations licensed prior to July 6, 1998 under part 80 of this chapter. Applicants whose exact ERP or HAAT are not reflected in the table must use the next highest figure shown.

Required Separation in Kilometers (Miles) of Base Station from Public Coast Stations

Base Station Characteristics					
HAAT	ERP (watts)				
Meters (feet)	400	300	200	100	50
15 (50).....	138 (86)	135 (84)	129 (80)	129 (80)	116 (72)
30 (100).....	154 (96)	151 (94)	145 (90)	137 (85)	130 (81)
61 (200).....	166 (103)	167 (104)	161 (100)	153 (95)	145 (90)
122 (400).....	187 (116)	177 (110)	183 (114)	169 (105)	159 (99)

\* \* \* \* \*

(vi) Applicants seeking to be licensed for stations exceeding the power/antenna height limits of the table in paragraph (g)(3)(iv) of this section must request a waiver of that paragraph and must submit with their application an interference analysis, based upon an appropriate, generally-accepted terrain-based propagation model, that shows that co-channel protected entities, described in paragraph (g)(3)(iii) of this section, would receive the same or greater interference protection than the relevant criteria outlined in paragraph (g)(3)(iii) of this section.

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FEDERAL COMMUNICATIONS COMMISSION

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