

158.3775 MHz, 158.415 MHz through 158.4375 MHz, 173.250 MHz, 173.300 MHz, 173.350 MHz, 451.175 MHz, 451.225 MHz, 451.275 MHz, 451.375 MHz, 451.425 MHz, 451.475 MHz, 451.525 MHz, 451.550 MHz, 451.575 MHz, 451.600 MHz, 451.625 MHz, 451.650 MHz, 451.675 MHz, 451.700 MHz, 451.750 MHz, 452.325 MHz, 452.375 MHz, 452.425 MHz, 452.475 MHz, 452.775 MHz, 452.825 MHz, 452.875 MHz, 456.175 MHz, 456.225 MHz, 456.275 MHz, 456.375 MHz, 456.425 MHz, 456.475 MHz, 456.525 MHz, 456.550 MHz, 456.575 MHz, 456.600 MHz, 456.625 MHz, 456.650 MHz, 456.675 MHz, 456.700 MHz, 456.750 MHz, 457.325 MHz, 457.375 MHz, 457.425 MHz, 457.475 MHz, 457.775 MHz, 457.825 MHz, 457.875 MHz, 462.475 MHz, 462.525 MHz, 467.475 MHz, and 467.525 MHz

**Subparts D–E [Reserved]**

**Subpart F—Radiolocation Service**

**§ 90.101 Scope.**

The Radiolocation Service accommodates the use of radio methods for determination of direction, distance, speed, or position for purposes other than navigation. Rules as to eligibility for licensing, permissible communications, frequency available, and any special requirements are set forth in § 90.103. Provisions for the Location and Monitoring Service (LMS) are contained in subpart M of this part.

[60 FR 15252, Mar. 23, 1995]

**§ 90.103 Radiolocation Service.**

(a) *Eligibility.* The following persons are eligible for authorizations in the Radiolocation Service to operate stations to determine distance, direction, speed, or position by means of radiolocation devices, for purposes other than navigation:

(1) Any person engaged in a commercial, industrial, scientific, educational, or local government activity

(2) A corporation or association that will furnish radiolocation service to other persons.

(3) A corporation that will furnish a nonprofit radio communication service to its parent corporation, to another subsidiary of the same parent, or to its own subsidiary where the party to be served is regularly engaged in any of the eligibility activities set forth in this paragraph.

(b) *Frequencies available.* The following table indicates frequencies available for assignment to stations in

the Radiolocation Service, together with the class of station(s) to which they are normally assigned, and the specific assignment limitations, which are explained in paragraph (c) of this section:

**RADIOLOCATION SERVICE FREQUENCY TABLE**

Frequency or band	Class of station(s)	Limitation
<b>Kilohertz</b>		
70 to 90 .....	Radiolocation land or mobile.	1
90 to 110 .....	Radiolocation land .....	2
110 to 130 .....	Radiolocation land or mobile.	1
1705 to 1715 .....	.....do .....	4, 5, 6
1715 to 1750 .....	.....do .....	5, 6
1750 to 1800 .....	.....do .....	5, 6
1900 to 1950 .....	.....do .....	6, 25, 26, 27, and 30
1950 to 2000 .....	.....do .....	6, 25, 27, and 30
3230 to 3400 .....	.....do .....	6, 8
<b>Megahertz</b>		
420 to 450 .....	.....do .....	21
2450 to 2500 .....	.....do .....	9, 22, 23
2900 to 3100 .....	.....do .....	10, 11
3100 to 3300 .....	.....do .....	12
3300 to 3500 .....	.....do .....	12, 13
3500 to 3650 .....	.....do .....	12
5250 to 5350 .....	.....do .....	12
5350 to 5460 .....	.....do .....	10, 14
5460 to 5470 .....	.....do .....	10, 15
5470 to 5600 .....	.....do .....	10, 11
5600 to 5650 .....	.....do .....	10, 16
8500 to 9000 .....	.....do .....	12, 17
9000 to 9200 .....	.....do .....	10, 14
9200 to 9300 .....	.....do .....	12
9300 to 9500 .....	.....do .....	10, 15, 18
9500 to 10,000 .....	.....do .....	12
10,000 to 10,500 .....	.....do .....	12, 13, 19
10,500 to 10,550 .....	.....do .....	20, 22, 24
13,400 to 13,750 .....	.....do .....	12
13,750 to 14,000 .....	.....do .....	31
15,700 to 17,300 .....	.....do .....	
24,050 to 24,250 .....	.....do .....	12, 22, 24
33,400 to 36,000 .....	.....do .....	12

(c) Explanation of assignment limitations appearing in the frequency table of paragraph (b) of this section:

(1) This frequency band is shared with and stations operating in this frequency band in this service are on a secondary basis to stations licensed in the International Fixed Service and the Maritime Mobile Service.

(2) This frequency band is shared with and stations operating in this frequency band in this service are on a secondary basis to the LORAN Navigation System; all operations are limited to radiolocation land stations in accordance with footnote US104, § 2.106 of this chapter.