(d) * * *

(2) Only one of the frequencies 150.815, 150.8225, 150.830, 150.8375, 150.845, 150.8525, 150.860, 150.8675, 150.875, 150.8825, 150.890, or 150.8975 MHz may be assigned to the same licensee in a given area.

* * * * *

(6) Only one of the frequencies 157.470, 157.4775, 157.485, 157.4925, 157.500, 157.5075, 157.515, or 157.5225 MHz may be assigned to the same licensee in a given area.

* * * * *

(18) This frequency is not available in the 150–170 MHz band until August 18, 1996. This frequency will be assigned with an authorized bandwidth not to exceed 11.25 kHz. In the 450–470 MHz band, secondary telemetry operations pursuant to § 90.238(e) will be authorized on this frequency.

* * * * *

(20) This frequency is not available until August 18, 1996. After August 18, 1996 this frequency will be assigned with an authorized bandwidth not to exceed 6 kHz.

(21) Assignment of frequencies in this band are subject to the provisions of § 90.173

(22) This frequency will be authorized a channel bandwidth of 25 kHz.

(23) This frequency is available for systems first licensed prior to August 18, 1995. No new systems will be authorized after August 18, 1995, but prior authorized systems may be modified, expanded, and renewed.

(e) * * *

(2) Frequencies in the 25–50 MHz, 150–170 MHz, 450–512 MHz and 902–928 MHz bands may be assigned for the operation of Location and Monitoring Service (LMS) systems in accordance with the provisions of subpart M of this part, notwithstanding this limitation.

* * * * *

22. Section 90.173 is amended by revising paragraph (f) and adding paragraphs (l) and (m) to read as follows:

§ 90.173 Policies governing the assignment of frequencies.

* * * * *

(f) After August 18, 1995, applications for stations in the 150–174 MHz and 421–512 MHz bands for operation on frequencies 15 kHz or less removed from existing stations in the same geographic area will be granted based upon a recommendation from the applicable frequency coordinator.

* * * * *

(l) In the 150–174 MHz band, authorizations for frequencies available prior to August 18, 1995 will be granted with channel bandwidths of 25 kHz or less. After August 18, 1995, authorizations for all other frequencies in this band will be granted with channel bandwidths of 12.5 kHz or less.

(m) In the 421–512 MHz band, authorizations for frequencies available prior to August 18, 1995 will be granted with channel bandwidths of 25 kHz or less. After August 18, 1995, new authorizations for frequencies 12.5 kHz removed from these frequencies will be made for channel bandwidths of 12.5 kHz or less, and authorizations for frequencies 6.25 kHz removed from these frequencies will be granted with channel bandwidths of 6.25 kHz or less.

23. Section 90.175 is amended by revising paragraph (a) to read as follows:

§ 90.175 Frequency coordination requirements.

* * * * *

(a) For frequencies between 25 and 470 MHz: A statement from the applicable frequency coordinator recommending the most appropriate frequency. The coordinator's recommendation may include comments on technical factors such as power, antenna height and gain, terrain and other factors which may serve to minimize potential interference. Until August 18, 1995, for PLMR frequencies between 150 and 470 MHz, the coordinator:

(1) must not recommend any adjacent channel frequency 15 kHz or less removed to existing stations which would result in a separation of less than 16 km (10 mi), or 12 km (7 mi) in the Taxicab Radio Service, unless written concurrence is received from the licensee of such station(s); and

(2) if the frequency recommended is in the 150–170 MHz band, and is 17.5 kHz or less removed from frequency which is available to another radio service, the coordinators statement must show that approval has been received from the coordinator for the other service. Frequencies in the 450–470 MHz band, when used for secondary fixed operations, shall be assigned and coordinated pursuant to § 90.261.

* * * * *

24. Section 90.203 is amended by adding paragraph (j) to read as follows:

§ 90.203 Type acceptance required.

* * * * *

(j) For transmitters operating on frequencies in the 150–174 MHz and 421–512 MHz bands:

(1) Prior to August 1, 1996, type acceptance will be granted for equipment with channel bandwidths up to 25 kHz.

(2) On or after August 1, 1996, type acceptance will only be granted for equipment with the following channel bandwidths:

(i) 12.5 kHz or less for single bandwidth mode equipment or multi-bandwidth mode equipment with a maximum channel bandwidth of 12.5 kHz.

(ii) 25 kHz for multi-bandwidth mode equipment with a maximum channel bandwidth of 25 kHz if it is capable of operating on channels of 12.5 kHz or less.

(iii) 25 kHz if the equipment meets the efficiency standard of paragraph (j)(3) of this section.

(3) On or after August 1, 1996, requests for Part 90 type acceptance of transmitters designed to operate on frequencies in the 150–174 MHz and 421–512 MHz bands must include a certification that the equipment meets a spectrum efficiency standard of one voice channel per 12.5 kHz of channel bandwidth. If the equipment is capable of transmitting data and has an overall bandwidth of 6.25 kHz or more, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of bandwidth.

(4) On or after January 1, 2005, except for hand-held transmitters with an output power of two watts or less, type acceptance will only be granted for equipment with the following channel bandwidths:

(i) 6.25 kHz or less for single bandwidth mode equipment.

(ii) 12.5 kHz for multi-bandwidth mode equipment with a maximum channel bandwidth of 12.5 kHz if it is capable of operating on channels of 6.25 kHz or less.

(iii) 25 kHz for multi-bandwidth mode equipment with a maximum channel bandwidth of 25 kHz if it is capable of operating on channels of 6.25 kHz or less.

(iv) Up to 25 kHz if the equipment meets the efficiency standard of paragraph (j)(5) of this section.

(5) On or after January 1, 2005, requests for Part 90 type acceptance of transmitters designed to operate on frequencies in the 150–174 MHz and 421–512 MHz bands must include a certification that the equipment meets a spectrum efficiency standard of one voice channel per 6.25 kHz of channel bandwidth. If the equipment is capable of transmitting data and has an overall bandwidth of 6.25 kHz or more, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of bandwidth.