

§ 101.101

Subpart C—Technical Standards

(b) The provisions of § 101.83 are applicable, notwithstanding any other provisions of this section.

[65 FR 54173, Sept. 7, 2000, as amended at 66 FR 63516, Dec. 7, 2001; 68 FR 19698, Apr. 8, 2003]

§ 101.101 Frequency availability.

| Frequency band (MHz) | Radio service | | | | Notes |
|----------------------|---------------------------|--------------------------|-------------------------------|--|---------|
| | Common carrier (Part 101) | Private radio (Part 101) | Broadcast auxiliary (Part 74) | Other (Parts 15, 21, 22, 24, 25, 74, 78 & 100) | |
| 928–929 | MAS | MAS | | PRS. | |
| 932.0–932.5 | MAS | MAS | | PRS. | |
| 932.5–935.0 | CC | OFS | | | (1). |
| 941.0–941.5 | MAS | MAS | | PRS. | |
| 941.5–944.0 | CC | OFS | Aural BAS | | (1). |
| 952–958 | | OFS/MAS | | PRS. | |
| 958–960 | MAS | OFS. | | | |
| 1850–1990 | | OFS | | | |
| 2110–2130 | CC | | | PCS. | |
| 2130–2150 | | OFS | | PET. | |
| 2160–2180 | CC | | | PET. | |
| 2180–2200 | | OFS | | ET. | |
| 2450–2500 | CC | OFS | TV BAS | PET. | F/M/TF |
| 2650–2690 | | OFS | | ISM | |
| 3700–4200 | CC LTTS | OFS | | MDS/ITFS. | |
| 5925–6425 | CC LTTS | OFS | | SAT. | |
| 6425–6525 | LTTS | OFS | TV BAS | SAT. | M. |
| 6525–6875 | CC | OFS. | | CARS | |
| 10,550–10,680 | CC | OFS DEMS. | | | |
| 10,700–11,700 | CC | OFS | | SAT. | |
| 12,200–12,700 | MVDDS | MVDDS, POFS | | DBS, NGSO FSS. | |
| 12,700–13,250 | CC LTTS | OFS | TV BAS | CARS | F/M/TF. |
| 17,700–18,580 | CC | OFS | TV BAS | SAT CARS. | |
| 17,700–18,300 | CC | OFS | TV BAS | CARS. | |
| 18,300–18,580 | CC | OFS | TV BAS | CARS SAT. | |
| 18,580–18,820 | CC | OFS | Aural BAS | SAT. | |
| 18,820–18,920 | CC | OFS | | SAT | |
| 18,920–19,160 | CC | OFS | Aural BAS | SAT. | |
| 19,160–19,260 | CC | OFS | | SAT | |
| 19,260–19,700 | CC | OFS | TV BAS | CARS SAT. | |
| 21,200–23,600 | CC LTTS | OFS | | | TF. |
| 24,250–25,250 | CC | OFS. | | | |
| 27,500–28,350 | LMDS | LMDS. | | | |
| 29,100–29,250 | LMDS | LMDS | | SAT. | |
| 31,000–31,300 | CC LMDS LTTS | OFS LMDS | | | F/M/TF. |
| 38,600–40,000 | CC | OFS | TV BAS | | F/M/TF |
| 71,000–76,000 | CC | OFS | | 25 | F/M/TF |
| 81,000–86,000 | CC | OFS | | 25 | F/M/TF |
| 92,000–95,000 | CC | OFS | | 15 | F/M/TF. |

BAS: Broadcast Auxiliary Service—(Part 74)
 CARS: Cable Television Relay Service—(Part 78)
 CC: Common Carrier Fixed Point-to-Point Microwave Service—(Part 101, Subparts C & I)
 DBS: Direct Broadcast Satellite—(Part 100)
 DEMS: Digital Electronic Message Service—(Part 101, Subpart G)
 ISM: Industrial, Scientific & Medical—(Part 18)
 ITFS: Instructional Television Fixed Service—(Part 74)
 LTTS: Local Television Transmission Service—(Part 101, Subpart J)
 MAS: Multiple Address System—(Part 101)
 MDS: Multipoint Distribution Service—(Part 21)
 OFS: Private Operational Fixed Point-to-Point Microwave Service—(Part 101, Subparts C & H)
 PCS: Personal Communications Service—(Part 24)
 PET: Emerging Technologies (per ET Dkt. No. 92–9, not yet assigned)
 PRS: Paging and Radiotelephone Service—(Part 22, Subpart E)
 SAT: Fixed Satellite Service—(Part 25)
 Notes:
 F—Fixed
 M—Mobile
 TF—Temporary Fixed

(1)—Applications for frequencies in the 932.5–935/941.5–944 MHz bands may be filed initially during a one-week period to be announced by public notice. After these applications have been processed, the Commission will announce by public notice a filing date for remaining frequencies. From this filing date forward, applications will be processed on a daily first-come, first-served basis.

[61 FR 26677, May 28, 1996, as amended at 62 FR 23165, Apr. 29, 1997; 62 FR 24582, May 6, 1997; 65 FR 38327, June 20, 2000; 65 FR 54175, Sept. 7, 2000; 65 FR 59357, Oct. 5, 2000; 67 FR 43037, June 28, 2002; 69 FR 3266, Jan. 23, 2004; 69 FR 72047, Dec. 10, 2004; 70 FR 4787, Jan. 31, 2005]

§ 101.103 Frequency coordination procedures.

(a) Assignment of frequencies will be made only in such a manner as to facilitate the rendition of communication service on an interference-free basis in each service area. Unless otherwise indicated, each frequency available for use by stations in these services will be assigned exclusively to a single applicant in any service area. All applicants for, and licensees of, stations in these services must cooperate in the selection and use of the frequencies assigned in order to minimize interference and thereby obtain the most effective use of the authorized facilities. In the event harmful interference occurs or appears likely to occur between two or more radio systems and such interference cannot be resolved between the licensees thereof, the Commission may specify a time sharing arrangement for the stations involved or may, after notice and opportunity for hearing, require the licensees to make such changes in operating techniques or equipment as it may deem necessary to avoid such interference.

(b)(1) Operations in the bands 31,000–31,075 MHz and 31,225–31,300 MHz licensed prior to March 11, 1997, were licensed on an unprotected basis and are subject to harmful interference from similarly licensed operations in that band.

(i) Operations licensed in the Local Multipoint Distribution Service and those operations licensed prior to March 11, 1997, except in the Local Television Transmission Service, operating in these bands are equally protected against harmful interference from each other.

(ii) In the case of operations licensed prior to March 11, 1997, except in the Local Television Transmission Service, that are licensed on a point-to-radius basis, LMDS licensees shall be subject to the protection requirement estab-

lished in this section in the case of existing links operated by such licensees, and in the case of links added by such licensees in the future in accordance with the terms of their point-to-radius licenses.

(iii) An LMDS licensee may not initiate operations within the point-to-radius area licensed to an operator (other than an operator in the Local Television Transmission Service) prior to March 11, 1997, even if such operator has not initiated operations to the fullest extent of the license. An LMDS licensee, however, may initiate operations at the border of such operator's license area without prior coordination if the LMDS licensee's operations would not cause harmful interference to the other operator's existing operations.

(iv) An operator (other than an operator in the Local Television Transmission Service) licensed on a point-to-radius basis prior to March 11, 1997, may add additional stations within its license area. Such operator shall coordinate with any affected LMDS licensee if its new operations might cause harmful interference to the existing operations of such LMDS licensee.

(v) Operations licensed prior to March 11, 1997, on a point-to-point basis may not be extended or otherwise modified through the addition of point-to-point links. Such operations shall be limited to the use of frequency pairs licensed as of March 11, 1997. Operations licensed in the Local Television Transmission Service as of March 11, 1997, may continue to operate, but such operators may not expand existing operations nor initiate new operations.

(2) Operations in the 31,075–31,225 MHz band licensed prior to March 11, 1997, shall receive no protection against harmful interference from authorized operations in the Local Multipoint Distribution Service in that band.