

§ 101.97

47 CFR Ch. I (10–1–19 Edition)

safety communications services would be disrupted).

§ 101.97 Future licensing in the 18.30–19.30 GHz band.

(a) All major modifications and extensions to existing FS systems in the 18.3–18.58 band after November 19, 2002, or in the 18.58–19.30 band after June 8, 2000 (with the exception of certain low power operations authorized under §101.147(r)(10)) will be authorized on a secondary basis to FSS systems. All other modifications will render the modified FS license secondary to FSS operations, unless the incumbent affirmatively justifies primary status and the incumbent FS licensee establishes that the modification would not add to the relocation costs for FSS licensees. Incumbent FS licensees will maintain primary status for the following technical changes:

- (1) Decreases in power;

- (2) Minor changes (increases or decreases) in antenna height;
- (3) Minor location changes (up to two seconds);
- (4) Any data correction which does not involve a change in the location of an existing facility;
- (5) Reductions in authorized bandwidth;
- (6) Minor changes (increases or decreases) in structure height;
- (7) Changes (increases or decreases) in ground elevation that do not affect centerline height;
- (8) Minor equipment changes.
- (9) Changes in ownership or control.

(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]

Subpart C—Technical Standards

§ 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		PCS.	
2110–2130	CC			PET.	
2130–2150		OFS		PET.	
2160–2180	CC			ET.	
2180–2200		OFS		PET.	
2450–2500	CC	OFS	TV BAS	ISM	F/M/TF
2650–2690		OFS		MDS/ITFS.	
3700–4200	CC LTTS	OFS		SAT.	
5925–6425	CC LTTS	OFS		SAT.	
6425–6525	LTTS	OFS	TV BAS	CARS	M.
6525–6875	CC	OFS.			
6875–7125	CC	OFS	TV BAS	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.			
29,100–29,250	LMDS	LMDS		SAT.	

Federal Communications Commission

§ 101.103

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)	
31,000–31,300	CC LMDS LTTS ...	OFS LMDS .....	.....	.....	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; 76 FR 59571, Sept. 27, 2011; 81 FR 79944, Nov. 14, 2016]

§ 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 established 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