

Pt. 17

Point of contact: COTHEN Technical Support Center, COTHEN Program Manager, Tel: (800) 829-6336.

TABLE 5—CONSULTATION AREA COORDINATES FOR LAND STATIONS, SET 2 (1.7–30 MHz)

Site name	Latitude	Longitude
Albuquerque, NM	35°05'02" N	105°34'23" W
Arecibo, PR	18°17'26" N	66°22'33" W
Atlanta, GA	32°33'06" N	84°23'35" W
Beaufort, SC	34°34'22" N	76°09'48" W
Cape Charles, VA	37°05'37" N	75°58'06" W
Cedar Rapids, IA	42°00'09" N	91°17'39" W
Denver, CO	39°15'45" N	103°34'23" W
Fort Myers, FL	81°31'20" N	26°20'01" W
Kansas City, MO	38°22'10" N	93°21'48" W
Las Vegas, NV	36°21'15" N	114°17'33" W
Lovelock, NV	40°03'07" N	118°18'56" W
Memphis, TN	34°21'57" N	90°02'43" W
Miami, FL	25°46'20" N	80°28'48" W
Morehead City, NC	34°34'50" N	78°13'59" W
Oklahoma City, OK	34°30'52" N	97°30'52" W
Orlando, FL	28°31'30" N	80°48'58" W
Reno, NV	38°31'12" N	119°14'37" W
Sarasota, FL	27°12'41" N	81°31'20" W
Wilmington, NC	34°29'24" N	78°04'31" W

NOTE: Systems of coordinates conform to NAD 83.

Point Of Contact: ROTHM Deputy Program Manager, (540) 653-3624.

TABLE 6—CONSULTATION AREA COORDINATES FOR RADAR RECEIVER STATIONS (1.7–30 MHz)

Latitude/Longitude
18°01' N/66°30' W
28°05' N/98°43' W
36°34' N/76°18' W

NOTE: Systems of coordinates conform to NAD 83.

[70 FR 1374, Jan. 7, 2005, as amended at 71 FR 49379, Aug. 23, 2006]

PART 17—CONSTRUCTION, MARKING, AND LIGHTING OF ANTENNA STRUCTURES

Subpart A—General Information

Sec.

- 17.1 Basis and purpose.
- 17.2 Definitions.
- 17.4 Antenna structure registration.
- 17.5 Commission consideration of applications for station authorization.
- 17.6 Responsibility of Commission licensees and permittees.

Subpart B—Federal Aviation Administration Notification Criteria

- 17.7 Antenna structures requiring notification to the FAA.
- 17.8 Establishment of antenna farm areas.
- 17.9 Designated antenna farm areas.

47 CFR Ch. I (10–1–08 Edition)

- 17.10 Antenna structures over 304.80 meters (1,000 feet) in height.
- 17.14 Certain antenna structures exempt from notification to the FAA.
- 17.17 Existing structures.

Subpart C—Specifications for Obstruction Marking and Lighting of Antenna Structures

- 17.21 Painting and lighting, when required.
- 17.22 Particular specifications to be used.
- 17.23 Specifications for painting and lighting antenna structures.

AVIATION RED OBSTRUCTION LIGHTING [RESERVED]

- 17.24–17.43 [Reserved]
- 17.45 Temporary warning lights.
- 17.47 Inspection of antenna structure lights and associated control equipment.
- 17.48 Notification of extinguishment or improper functioning of lights.
- 17.49 Recording of antenna structure light inspections in the owner record.
- 17.50 Cleaning and repainting.
- 17.51 Time when lights should be exhibited.
- 17.53 Lighting equipment and paint.
- 17.54 Rated lamp voltage.
- 17.56 Maintenance of lighting equipment.
- 17.57 Report of radio transmitting antenna construction, alteration and/or removal.
- 17.58 Facilities to be located on land under the jurisdiction of the U.S. Forest Service or the Bureau of Land Management.

AUTHORITY: Secs. 4, 303, 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303. Interpret or apply secs. 301, 309, 48 Stat. 1081, 1085 as amended; 47 U.S.C. 301, 309.

Subpart A—General Information

§ 17.1 Basis and purpose.

(a) The rules in this part are issued pursuant to the authority contained in Title III of the Communications Act of 1934, as amended, which vest authority in the Federal Communications Commission to issue licenses to radio stations when it is found that the public interest, convenience, and necessity would be served thereby, and to require the painting, and/or illumination of antenna structures if and when in its judgment such structures constitute, or there is reasonable possibility that they may constitute, a menace to air navigation.

(b) The purpose of this part is to prescribe certain procedures for antenna structure registration and standards

Federal Communications Commission

§ 17.4

with respect to the Commission's consideration of proposed antenna structures which will serve as a guide to antenna structure owners. The standards are referenced from two Federal Aviation Administration (FAA) Advisory Circulars.

[61 FR 4362, Feb. 6, 1996]

§ 17.2 Definitions.

(a) *Antenna structure.* The term antenna structure includes the radiating and/or receive system, its supporting structures and any appurtenances mounted thereon.

(b) An antenna farm area is defined as a geographical location, with established boundaries, designated by the Federal Communications Commission, in which antenna towers with a common impact on aviation may be grouped.

(c) *Antenna structure owner.* For the purposes of this part, an antenna structure owner is the individual or entity vested with ownership, equitable ownership, dominion, or title to the antenna structure. Notwithstanding any agreements made between the owner and any entity designated by the owner to maintain the antenna structure, the owner is ultimately responsible for compliance with the requirements of this part.

(d) *Antenna structure registration number.* A unique number, issued by the Commission during the registration process, which identifies an antenna structure. Once obtained, this number must be used in all filings related to this structure.

[32 FR 8813, June 21, 1967, and 32 FR 11268, Aug. 3, 1967, as amended at 39 FR 26157, July 17, 1974; 61 FR 4362, Feb. 6, 1996]

§ 17.4 Antenna structure registration.

(a) Effective July 1, 1996, the owner of any proposed or existing antenna structure that requires notice of proposed construction to the Federal Aviation Administration must register the structure with the Commission. This includes those structures used as part of stations licensed by the Commission for the transmission of radio energy, or to be used as part of a cable television head end system. If a Federal Government antenna structure is

to be used by a Commission licensee, the structure must be registered with the Commission.

(1) For a proposed antenna structure or alteration of an existing antenna structure, the owner must register the structure prior to construction or alteration.

(2) For an existing antenna structure that had been assigned painting or lighting requirements prior to July 1, 1996, the owner must register the structure prior to July 1, 1998.

(3) For a structure that did not originally fall under the definition of "antenna structure," the owner must register the structure prior to hosting a Commission licensee.

(b) Except as provided in paragraph (e) of this section, each owner must file FCC Form 854 with the Commission. Additionally, each owner of a proposed structure referred to in paragraphs (a)(1) or (a)(3) of this section must submit a valid FAA determination of "no hazard." In order to be considered valid by the Commission, the FAA determination of "no hazard" must not have expired prior to the date on which FCC Form 854 is received by the Commission. The height of the structure will include the highest point of the structure including any obstruction lighting or lighting arrester.

(c) If an Environmental Assessment is required under §1.1307 of this chapter, the Bureau will address the environmental concerns prior to processing the registration.

(d) If a final FAA determination of "no hazard" is not submitted along with FCC Form 854, processing of the registration may be delayed or disapproved.

(e) If the owner of the antenna structure cannot file FCC Form 854 because it is subject to a denial of Federal benefits under the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862, the first tenant licensee authorized to locate on the structure (excluding tenants that no longer occupy the structure) must register the structure using FCC Form 854, and provide a copy of the Antenna Structure Registration (FCC Form 854R) to the owner. The owner remains responsible for providing a copy of FCC Form 854R to all tenant licensees on