# 47 CFR Ch. I (10-1-12 Edition)

COMMERCIAL AVIATION AIR-GROUND SYSTEMS

22.853 Eligibility to hold interest in licenses

limited to 3 MHz of spectrum.

- 22.857 Frequency bands.
- 22.859 Incumbent commercial aviation airground systems.
- 22.861 Emission limitations.
- 22.863 Frequency stability.
- 22.867 Effective radiated power limits.
- 22.873 Construction requirements for com-
- mercial aviation air-ground systems. 22.877 Unacceptable interference to part 90
- non-cellular 800 MHz licensees from commercial aviation air-ground systems.
- 22.878 Obligation to abate unacceptable interference.
- 22.879 Interference resolution procedures.
- 22.880 Information exchange.
- 22.881 Air-Ground Radiotelephone Service subject to competitive bidding.
- 22.882 Designated entities.

## Subpart H—Cellular Radiotelephone Service

- 22,900 Scope.
- 22.901 Cellular service requirements and limitations
- 22.905 Channels for cellular service.
- 22.907 Coordination of channel usage.
- 22.909 Cellular markets.
- 22.911 Cellular geographic service area.
- 22 912 Service area boundary extensions.
- 22.913 Effective radiated power limits.
- 22.917 Emission limitations for cellular equipment.
- 22.921 911 Call processing procedures; 911only calling mode.
- 22.923 Cellular system configuration.
- 22.925 Prohibition on airborne operation of cellular telephones.
- 22.927 Responsibility for mobile stations.
- 22.929 Application requirements for the Cellular Radiotelephone Service.
- 22.935 Procedures for comparative renewal proceedings.
- 22.936 Dismissal of applications in cellular renewal proceedings.
- 22.939 Site availability requirements for applications competing with cellular renewal applications.
- 22.940 Criteria for comparative cellular renewal proceedings.
- 22.943 Limitations on transfer of control and assignment for authorizations issued as a result of a comparative renewal proceeding.
- 22.946 Service commencement and construction systems.
- 22.947 Five year build-out period.
- 22.948 Partitioning and Disaggregation.
- 22.949 Unserved area licensing process.
- 22.950 Provision of service in the Gulf of Mexico Service Area (GMSA).
- 22.951 Minimum coverage requirement.
- 22.953 Content and form of applications.

- 22,955 Canadian condition
- 22.957Mexican condition. 22.959
- Rules governing processing of applications for initial systems.
- 22.960 Cellular unserved area radiotelephone licenses subject to competitive bidding.
- 22.961-22.967 [Reserved] 22.969 Cellular RSA licenses subject to competitive bidding.
- 22.970 Unacceptable interference to part 90 non-cellular 800 MHz licensees from cellular radiotelephone or part 90-800 MHz cellular systems.
- 22.971 Obligation to abate unacceptable interference.
- 22.972 Interference resolution procedures.
- 22.973 Information exchange.

#### Subpart I—Offshore Radiotelephone Service

- 22.1001 Scope.
- 22.1003 Eligibility.
- 22.1005 Priority of service.
- 22.1007Channels for offshore radiotelephone systems.
- 22.1009 Transmitter locations.
- 22.1011 Antenna height limitations.
- 22.1013 Effective radiated power limitations.
- 22.1015Repeater operation.
- 22.1025 Permissible communications.
- 22.1031 Temporary fixed stations.
- Construction period. 22.1035
- 22.1037 Application requirements for offshore stations.

AUTHORITY: 47 U.S.C. 154, 222, 303, 309, and 332.

SOURCE: 59 FR 59507, Nov. 17, 1994, unless otherwise noted.

# Subpart A—Scope and Authority

# §22.1 Basis and purpose.

This section contains a concise general statement of the basis and purpose of the rules in this part, pursuant to 5 U.S.C. 553(c).

(a) Basis. These rules are issued pursuant to the Communications Act of 1934, as amended, 47 U.S.C. 151 et. seq.

(b) Purpose. The purpose of these rules is to establish the requirements and conditions under which radio stations may be licensed and used in the Public Mobile Services.

[59 FR 59507, Nov. 17, 1994, as amended at 70 FR 19307, Apr. 13, 2005]

## §22.3 Authorization required.

Stations in the Public Mobile Services must be used and operated only in accordance with the rules in this part

§22.1

## Federal Communications Commission

and with a valid authorization granted by the FCC under the provisions of this part.

(a) The holding of an authorization does not create any rights beyond the terms, conditions and period specified in the authorization. Authorizations may be granted upon proper application, provided that the FCC finds that the applicant is qualified in regard to citizenship, character, financial, technical and other criteria, and that the public interest, convenience and necessity will be served. See 47 U.S.C. 301, 308, and 309.

(b) Authority for subscribers to operate mobile or fixed stations in the Public Mobile Services, except for certain stations in the Rural Radiotelephone Service, is included in the authorization held by the licensee providing service to them. Subscribers are not required to apply for, and the FCC does not accept applications from subscribers for, individual mobile or fixed station authorizations in the Public Mobile Services, except that individual authorizations are required to operate rural subscriber stations in the Rural Radiotelephone Service under certain circumstances. See §22.703.

 $[59\ {\rm FR}\ 59507,\ {\rm Nov.}\ 17,\ 1994,\ {\rm as}\ {\rm amended}\ {\rm at}\ 70\ {\rm FR}\ 19307,\ {\rm Apr.}\ 13,\ 2005]$ 

#### §22.5 Citizenship.

The rules in this section implement section 310 of the Communications Act of 1934, as amended (47 U.S.C. §310), in regard to the citizenship of licensees in the Public Mobile Services.

(a) *Foreign governments*. The FCC will not grant an authorization in the Public Mobile Services to any foreign government or any representative thereof.

(b) Alien ownership or control. The FCC will not grant an authorization in the Public Mobile Services to:

(1) Any alien or the representative of any alien;

(2) Any corporation organized under the laws of any foreign government;

(3) Any corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country; (4) Any corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country, if the FCC finds that the public interest will be served by the refusal or revocation of such license.

 $[59\ {\rm FR}\ 59507,\ {\rm Nov.}\ 17,\ 1994,\ {\rm as}\ {\rm amended}\ {\rm at}\ 61\ {\rm FR}\ 55580,\ {\rm Oct.}\ 28,\ 1996]$ 

#### §22.7 General eligibility.

Any entity, other than those precluded by section 310 of the Communications Act of 1934, as amended, 47 U.S.C. 310, is eligible to hold a license under this part. Applications are granted only if the applicant is legally, financially, technically and otherwise qualified to render the proposed service.

[70 FR 19307, Apr. 13, 2005]

#### §22.99 Definitions.

Terms used in this part have the following meanings:

Air-Ground Radiotelephone Service. A radio service in which licensees are authorized to offer and provide radio telecommunications service for hire to subscribers in aircraft.

Airborne station. A mobile station in the Air-Ground Radiotelephone Service authorized for use on aircraft while in flight or on the ground.

Antenna structure. A structure comprising an antenna, the tower or other structure that exists solely to support antennas, and any surmounting appurtenances (attachments such as beacons or lightning rods).

Antenna. A device that converts radio frequency electrical energy to radiated electromagnetic energy and vice versa; in a transmitting station, the device from which radio waves are emitted.

Authorized bandwidth. The necessary or occupied bandwidth of an emission, whichever is more.

Authorized spectrum. The spectral width of that portion of the electromagnetic spectrum within which the emission power of the authorized transmitter(s) must be contained, in accordance with the rules in this part. The