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 unacceptable interference, as defined in §22.877, shall resolve such interference in the shortest time practicable. Commercial aviation air-ground system licensees must provide all necessary test apparatus and technical personnel skilled in the operation of such equipment as may be necessary to determine the most appropriate means of timely eliminating the interference. However, the means whereby interference is abated or the technical parameters that may need to be adjusted is left to the discretion of the commercial aviation air-ground system licensee, whose affirmative measures may include, but not be limited to, the following techniques:

(i) Increasing the desired power of the public safety/CII signal;
(ii) Decreasing the power of the commercial aviation air-ground system signal;
(iii) Modifying the commercial aviation air-ground system antenna height;
(iv) Modifying the commercial aviation air-ground system antenna characteristics;
(v) Incorporating filters into the commercial aviation air-ground system transmission equipment;
(vi) Changing commercial aviation air-ground system frequencies; and
(vii) Supplying interference-resistant receivers to the affected public safety/CII licensee(s). If this technique is used, in all circumstances, commercial aviation air-ground system licensees shall be responsible for all costs thereof.

(2) Whenever short-term interference abatement measures prove inadequate, the affected part 90 non-cellular licensee shall, consistent with but not compromising safety, make all necessary concessions to accepting interference until a longer-term remedy can be implemented.

(3) When a part 90 public safety licensee determines that a continuing presence of interference constitutes a clear and imminent danger to life or property, the licensee causing the interference must discontinue the associated operation immediately, until a remedy can be identified and applied. The determination that a continuing presence exists that constitutes a clear and imminent danger to life or prop-

§ 22.880  Information exchange.

(a) Prior notification. Public safety/CII licensees may notify a commercial aviation air-ground system licensee that they wish to receive prior notification of the activation or modification of a commercial aviation air-ground system ground station site in their area. Thereafter, the commercial aviation air-ground system licensee must provide the following information to the public safety/CII licensee at least 10 business days before a new ground station is activated or an existing ground station is modified:

(1) Location;
(2) Effective radiated power;
(3) Antenna manufacturer, model number, height above ground level and up tilt angle, as installed;
(4) Channels available for use.

(b) Purpose of prior notification. The prior notification of ground station activation or modification is for informational purposes only; public safety/CII licensees are not afforded the right to
§ 22.901 Cellular service requirements and limitations.

The licensee of each cellular system is responsible for ensuring that its cellular system operates in compliance with this section.

(a) Each cellular system must provide either mobile service, fixed service, or a combination of mobile and fixed service, subject to the requirements, limitations and exceptions in this section. Mobile service provided may be of any type, including two way radiotelephone, dispatch, one way or two way paging, and personal communications services (as defined in part 24 of this chapter). Fixed service is considered to be primary service, as is mobile service. When both mobile and fixed service are provided, they are considered to be co primary services. In providing cellular services, each cellular system may incorporate any technology that meets all applicable technical requirements in this part.

(b) Until February 18, 2008, each cellular system that provides two-way radiotelephone service may use a bidding credit of 15 percent, as specified in §1.2110(f)(2)(iii) of this chapter, to lower the cost of its winning bid on a commercial Air-Ground Radiotelephone Service license.

(2) A winning bidder that qualifies as a very small business, as defined in this section, or a consortium of very small businesses may use a bidding credit of 25 percent, as specified in §1.2110(f)(2)(ii) of this chapter, to lower the cost of its winning bid on a commercial Air-Ground Radiotelephone Service license.

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