

be performed only by or under the immediate supervision and responsibility of a person certified as technically qualified to perform transmitter maintenance and repair duties in the relevant radio service by an organization or committee representative of users of that service;

(3) Warnings concerning the replacement of any transmitter component (crystal, semiconductor, etc.) that could result in a violation of FCC rules; and

(4) For a transmitter that can only be operated with an FCC license, warnings concerning compliance with applicable licensing requirements and information concerning license application procedures.

§§ 95.395–95.499 [Reserved]

### Subpart B—Family Radio Service (FRS)

#### § 95.501 Scope.

This subpart contains rules that apply only to the Family Radio Service (FRS).

#### § 95.503 Definitions, FRS.

*Family Radio Service (FRS).* A short-distance two-way voice communication service, with limited data applications, between low power hand-held radios, for facilitating individual, family, group, recreational and business activities.

*FRS unit.* A transceiver for use in the FRS.

§§ 95.505–95.517 [Reserved]

#### § 95.519 FRS replacement parts.

The operator of a FRS unit may replace the batteries in the FRS unit with batteries of a type specified by the manufacturer. All other internal maintenance and repairs must be carried out in accordance with § 95.319.

§§ 95.521–95.529 [Reserved]

#### § 95.531 Permissible FRS uses.

FRS units are primarily used for short-distance two-way voice communications between individuals.

(a) *Digital data.* In addition to voice conversations, FRS units may trans-

mit digital data containing location information, or requesting location information from one or more other FRS or GMRS units, or containing a brief text message to another specific GMRS or FRS unit. Digital data transmissions must be initiated by a manual action of the operator, except that a FRS unit receiving an interrogation request may automatically respond with its location. *See also* § 95.587(c).

(b) *One-way communications.* FRS units may be used for one-way communications that are emergency messages, traveler assistance communications, voice pages or brief equipment tests.

(c) *GMRS stations.* FRS units normally communicate with other FRS units, but may also be used to communicate with General Mobile Radio Service (GMRS) stations.

#### § 95.533 Prohibited FRS uses.

FRS units must not be used for one-way communications other than those listed in § 95.531(b). Initial transmissions to establish two-way communications and data transmissions listed in § 95.531(a) are not considered to be one-way communications for the purposes of this section.

§§ 95.535–95.559 [Reserved]

#### § 95.561 FRS transmitter certification.

(a) Each FRS unit (a transmitter that operates or is intended to operate in the FRS) must be certificated for use in the FRS in accordance with this subpart and subpart J of part 2 of this chapter.

(b) A grant of equipment certification for the FRS will not be issued for any FRS transmitter type that fails to comply with all of the applicable rules in this subpart.

(c) A grant of equipment certification will not be issued for hand-held portable radio units capable of operating under both this subpart (FRS) and under any other subparts of this chapter (except part 15) if the application for such grant is filed on or after December 27, 2017.

#### § 95.563 FRS channels.

The FRS is allotted 22 channels, each having a channel bandwidth of 12.5