

shall be maintained and supplied in an electronic format.

(i) With respect to diversity audits of critical 911 circuits, such records shall include, at a minimum, audit records separately addressing each such circuit, any internal report(s) generated as a result of such audits, records of actions taken pursuant to the audit results, and records regarding any alternative measures taken to mitigate the risk of critical 911 circuits that are not physically diverse.

(ii) With respect to backup power at central offices, such records shall include, at a minimum, records regarding the nature and extent of backup power at each central office that directly serves a PSAP, testing and maintenance records for backup power equipment in each such central office, and records regarding any alternative measures taken to mitigate the risk of insufficient backup power.

(iii) With respect to network monitoring, such records shall include, at a minimum, records of diversity audits of monitoring links, any internal report(s) generated as a result of such audits, records of actions taken pursuant to the audit results, and records regarding any alternative measures taken to mitigate the risk of aggregation points and/or monitoring links that are not physically diverse.

[79 FR 3131, Jan. 17, 2014, as amended at 79 FR 7589, Feb. 10, 2014; 80 FR 10619, Feb. 27, 2015]

PART 13—COMMERCIAL RADIO OPERATORS

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AUTHORITY: Secs. 4, 303, 48 Stat. 1066, 1082 as amended; 47 U.S.C. 154, 303.

SOURCE: 58 FR 9124, Feb. 19, 1993, unless otherwise noted.

GENERAL

§ 13.1 Basis and purpose.

(a) *Basis*. The basis for the rules contained in this part is the Communications Act of 1934, as amended, and applicable treaties and agreements to which the United States is a party.

(b) *Purpose*. The purpose of the rules in this part is to prescribe the manner and conditions under which commercial radio operators are licensed by the Commission.

§ 13.3 Definitions.

The definitions of terms used in part 13 are:

- (a) *COLEM*. Commercial operator license examination manager.
- (b) *Commercial radio operator*. A person holding a license or licenses specified in § 13.7(b).
- (c) *GMDSS*. Global Maritime Distress and Safety System.
- (d) *FCC*. Federal Communications Commission.
- (e) *International Morse Code*. A dot-dash code as defined in International Telegraph and Telephone Consultative Committee (CCITT) Recommendation F.1 (1984), Division B, I. Morse code.
- (f) *ITU*. International Telecommunication Union.
- (g) *PPC*. Proof-of-Passing Certificate.
- (h) *Question pool*. All current examination questions for a designated written examination element.
- (i) *Question set*. A series of examination questions on a given examination selected from the current question pool.

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(j) *Radio Regulations.* The latest ITU *Radio Regulations* to which the United States is a party.

§ 13.5 Licensed commercial radio operator required.

Rules that require FCC station licensees to have certain transmitter operation, maintenance, and repair duties performed by a commercial radio operator are contained in parts 80 and 87 of this chapter.

[78 FR 23152, Apr. 18, 2013]

§ 13.7 Classification of operator licenses and endorsements.

(a) Commercial radio operator licenses issued by the FCC are classified in accordance with the *Radio Regulations* of the ITU.

(b) There are twelve types of commercial radio operator licenses, certificates and permits (licenses). The license's ITU classification, if different from its name, is given in parentheses.

(1) First Class Radiotelegraph Operator's Certificate. Beginning May 20, 2013, no applications for new First Class Radiotelegraph Operator's Certificates will be accepted for filing.

(2) Second Class Radiotelegraph Operator's Certificate. Beginning May 20, 2013, no applications for new Second Class Radiotelegraph Operator's Certificates will be accepted for filing.

(3) Third Class Radiotelegraph Operator's Certificate (radiotelegraph operator's special certificate). Beginning May 20, 2013, no applications for new Third Class Radiotelegraph Operator's Certificates will be accepted for filing.

(4) Radiotelegraph Operator License.

(5) General Radiotelephone Operator License (radiotelephone operator's general certificate).

(6) Marine Radio Operator Permit (radiotelephone operator's restricted certificate).

(7) Restricted Radiotelephone Operator Permit (radiotelephone operator's restricted certificate).

(8) Restricted Radiotelephone Operator Permit-Limited Use (radiotelephone operator's restricted certificate).

(9) GMDSS Radio Operator's License (general operator's certificate).

(10) Restricted GMDSS Radio Operator's License (restricted operator's certificate).

(11) GMDSS Radio Maintainer's License (technical portion of the first-class radio electronic certificate).

(12) GMDSS Radio Operator/Maintainer License (general operator's certificate/technical portion of the first-class radio electronic certificate).

(c) There are three license endorsements affixed by the FCC to provide special authorizations or restrictions. Endorsements may be affixed to the license(s) indicated in parentheses.

(1) Ship Radar Endorsement (First and Second Class Radiotelegraph Operator's Certificates, Radiotelegraph Operator License, General Radiotelephone Operator License, GMDSS Radio Maintainer's License).

(2) Six Months Service Endorsement (First and Second Class Radiotelegraph Operator's Certificates, Radiotelegraph Operator License)

(3) Restrictive endorsements relating to physical disability, English language or literacy waivers, or other matters (all licenses).

(d) A Restricted Radiotelephone Operator Permit-Limited Use issued by the FCC to an aircraft pilot who is not legally eligible for employment in the United States is valid only for operating radio stations on aircraft.

(e) A Restricted Radiotelephone Operator Permit-Limited Use issued by the FCC to a person under the provision of Section 303(1)(2) of the Communications Act of 1934, as amended, is valid only for the operation of radio stations for which that person is the station licensee.

[58 FR 9124, Feb. 19, 1993; 58 FR 12632, Mar. 5, 1993, as amended at 68 FR 46958, Aug. 7, 2003; 73 FR 4479, Jan. 25, 2008; 78 FR 23152, Apr. 18, 2013]

§ 13.8 Authority conveyed.

Licenses, certificates and permits issued under this part convey authority for the operating privileges of other licenses, certificates, and permits issued under this part as specified below:

(a) A First Class Radiotelegraph Operator's Certificate conveys all of the operating authority of the Second