

PART 1755—TELECOMMUNICATIONS STANDARDS AND SPECIFICATIONS FOR MATERIALS, EQUIPMENT AND CONSTRUCTION

1. The authority citation for part 1755 continues to read as follows:

Authority: 7 U.S.C. 901 *et seq.*; 1921 *et seq.*; Pub. L. 103-354, 108 Stat. 3178 (7 U.S.C. 6941 *et seq.*).

2. Section 1755.522 is amended by revising paragraphs (e)(5), (e)(6), (e)(7), (e)(11), and (e)(19)(vii), removing paragraph (f)(1)(ii), redesignating paragraph (f)(1)(iii) as paragraph (f)(1)(ii), removing paragraphs (g)(2)(ii), (g)(2)(iii) and (g)(8), redesignating paragraphs (g)(2)(iv) through (g)(2)(xv) as paragraphs (g)(2)(ii) through (g)(2)(xiii), and paragraphs (g)(9) through (g)(12) as paragraphs (g)(8) through (g)(11), revising paragraph (i)(2)(ix) and the text preceding the table in paragraph (p)(1)(vi), amending paragraph (p)(3)(i) by removing the entry "Revertive" from the table, removing paragraph (r)(6), redesignating paragraphs (r)(7) and (r)(8) as paragraphs (r)(6) and (r)(7), and revising paragraph (s)(5)(ii)(A), the text preceding the table in paragraph (s)(5)(ii)(C), and paragraph (s)(6)(ii) to read as follows:

§ 1755.522 RUS general specification for digital, stored program controlled central office equipment.

(e) * * * (5) The basic switching system shall include the provision of software programming and necessary hardware, including memory, for optional custom calling services such as call waiting, call forwarding, three-way calling, and abbreviated dialing. It shall be possible to provide these services to any individual line (single-party) subscriber. The addition of these services shall not reduce the anticipated ultimate engineered line, trunk, and traffic

capacity of the switching system as specified in appendix A of this section.

(6) The requirements in this specification apply only to single party lines. Although only single frequency ringing is required, other types may be requested in appendix A of this section.

(7) Provision shall be made for local automatic message accounting (LAMA), and for traffic service position system (TSPS) trunks, or equivalent, to the operator's office when required either initially or in the future.

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(11) Provision shall be made for hotel-motel arrangements, as required by the owner, to permit the operation of message registers at the subscriber's premises to record local outdial calls by guests (see Item 10.5, appendix A of this section).

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(19) * * *

(vii) If the 911 service bureau is holding a calling line, it shall be possible for the 911 line to cause the equipment to ring back the calling line. This is done by providing a flash of on-hook signal from the 911 line lasting from 200 to 1,100 milliseconds. The signal to the calling line shall be ringing current if the line is on-hook, or receiver off-hook (ROH) tone if the line is off-hook.

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(i) * * * (2) * * *

(ix) Distinctive tone, when required for alarm calls, or other features, shall consist of high tone interrupted at 200 IPM with tone on 150 ms and off 150 ms.

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(p) * * * (1) * * *

(vi) The traffic capacity in the following table should be used for small trunk groups such as pay station, special service trunks, intercept, and PBX

trunks, unless otherwise specified in appendix A of this section:

* * * * * (s) * * * (5) * * * (ii) * * *

(A) The ringing generators shall have an output voltage which approximates a sine wave and, as a minimum, shall be suitable for ringing straight-line ringers. Although not a requirement for RUS listing, decimonic, synchmonic, or harmonic ringing may also be specified in appendix A of this section.

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(C) The output of each generator shall have three or more voltage taps or a single tap with associated variable control. Taps or control shall be easily accessible as installed in the field. Software control of ringing generator outputs via I/O devices may be provided in lieu of taps. The taps, or equivalent, shall be designated L, M, and H. The variable control shall have a locking device to prevent accidental readjustment. The outputs at the terminals of the generators with a voltage input of 52.1 volts and rated full resistive load shall be as follows for the ringing frequencies provided:

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(6) * * * (ii) The ringing cycle provided by the interrupter equipment shall not exceed 6 seconds in length. The ringing period shall be 2 seconds.

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3. Appendix A to 7 CFR 1755.522 is amended by revising items 6., 7., and 10. to read as follows:

Appendix A to 7 CFR 1755.522— Specification for Digital, Stored Program Controlled Central Office Equipment Detailed Requirements (Host)

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6. Line Circuit Requirements (Includes all lines associated with RST's.)

6.1 Types of Lines

	No. of lines		No. of EAS areas	Total No. of lines required
	Local service only	both local and EAS service		
6.1.1 Individual—Flat Rate	_____	_____	_____	_____
6.1.2 Individual—Message Rate	_____	_____	_____	_____
6.1.3 Pay Station	_____	_____	_____	_____
6.1.4 Telephone Company Official Lines	_____	_____	_____	_____
6.1.5 Wire Chief	_____	_____	_____	_____
6.1.6 911 Emergency Service Bureau Lines	_____	_____	_____	_____
6.1.7 Number Hunting PBX Groups:	_____	_____	_____	_____