

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C10.001
Issue 2, 9-1-32
Standard

SCOPE AND ARRANGEMENT

1. GENERAL

1.01 This section covers the scope and arrangement of "Bell System Practices—Station Installation and Maintenance."

1.02 This section is reissued to care for changes in the section covering the "Outline" whereby the locating and mounting of common station apparatus is included in Division C30 rather than Division C20 as heretofore; all references to manual telegraph and teletypewriter stations are deleted, inasmuch as this information is covered in the "P" series; the last 100 numbers in each subdivision of each major division are reserved for Permanent practices prepared by Bell Operating Companies instead of the last 1,000 numbers of each major division as in the past; and to make certain rearrangements in the setup of this section. Also, several minor changes have been made.

1.03 "Bell System Practices—Station Installation and Maintenance" cover what are considered the most effective requirements, methods and procedures for installing and maintaining stations.

1.04 These practices are prepared primarily to serve as a working manual for the forces on the job who are directly responsible for the station installation and maintenance work. They will ultimately replace all existing information in the numbered handbook specifications and will cover such additional information as may be required from time to time.

1.05 The plan under which the practices are made available to the field provides uniform and definitely located information for use throughout the System, and their effective application will aid materially in securing a good installation and maintenance job.

1.06 With the flexible arrangement employed the sections may be selected and bound so as best to meet the requirements for general reference, supervisory or functional installation or maintenance purposes.

1.07 Volumes of practices issued to supervisory forces may contain all sections which relate to the types of equipment and apparatus under their charge. On the other hand, volumes which are prepared for functional use, such as magneto stations, etc., would ordinarily contain only such sections as apply to these particular functions.

2. SCOPE

2.01 "Bell System Practices—Station Installation and Maintenance" are divided at present into seven major divisions and, if found necessary, other divisions will be added later. Each division, in turn, is further divided into subdivisions for the purpose of grouping sections together with respect to their character or reference to types of equipment, apparatus or other classifications.

2.02 The titles of the seven major divisions are shown below and defined in the paragraphs following:

Division C10—General.

Division C20—Wiring—General.

Division C30—Apparatus—Dial and Manual Stations—General.

Division C40—Connections—Dial and Manual Stations—General.

Division C50—Other Apparatus and Connections.

Division C60—Inspection, Testing and General Trouble Locating Methods.

Division C70—Tools, Gauges, and Test Sets.

Division C10—General

2.03 This division covers the scope and arrangement, plan for issuing, indices and other items of a general nature. It also provides for including instructions required for administering the station installation and maintenance work. General administration practices are prepared and issued by the various Bell Operating Companies to meet their specific requirements and a location is assigned for this purpose.

Division C20—Wiring—General

2.04 This division covers the general practices relating to building entrances and station wiring. These practices should be followed in so far as they apply in connection with Division C50.

Division C30—Apparatus—Dial and Manual Stations—General

2.05 This division covers description of apparatus for general station use, such as subscriber sets, hand telephone sets, dials, receivers, transmitters, etc., together with information relating to their use, piece parts, installation, cording, adjustments and maintenance.

Division C40—Connections—Dial and Manual Stations—General

2.06 This division covers connections of apparatus for general use, such as subscriber sets, hand telephone sets, desk stands, line and ringer connections, etc. This division also includes lists of station sets by class of service.

Division C50—Other Apparatus and Connections

2.07 This division covers apparatus and connections other than for regular dial and manual common battery stations, such as public telephone stations, magneto stations, station systems, etc. The wiring, installation, cording, adjustment and maintenance practices applying to the specific types and assemblies of apparatus are also included in this division.

Division C60—Inspection, Testing and General Trouble Locating Methods

2.08 This division covers inspection plans, station testing, general trouble locating methods, etc., for all classes of stations.

Division C70—Tools, Gauges and Test Sets

2.09 This division covers description of tools, gauges, and test sets.

3. INDEXING

3.01 The indexing arrangement provides for an alphabetical index and checking lists.

3.02 The alphabetical index furnishes a complete record of the sections which have been issued prior to date of the index and is intended for use in locating detailed information.

3.03 The checking list, which is arranged numerically, provides information as to the sections current as of the date of the checking list, together with the latest issue numbers. This list is intended to be used for verifying whether or not any section or set of practices is up to date.

4. NUMBERING

4.01 The numbering scheme provides an individual number for each section. A five digit scheme is used which permits the assignment of different numbers up to ninety-nine thousand nine hundred and ninety-nine sections in each division. Each section number is composed of the letter prefix "C" and five digits. The first two digits are separated from the last three digits by a decimal point to facilitate reading and also to divide the subdivision number, indicated by the first two digits, from the detailed section number.

4.02 The letter prefix "C" has been assigned to all sections of "Bell System Practices—Station Installation and Maintenance" to distinguish them from other series of practices and to facilitate ordering and stocking arrangements.

4.03 The last one hundred numbers in each subdivision are available for use exclusively by the Bell Operating Companies in assigning section numbers covering practices of local character on subjects or types of equipment or apparatus which will not be covered by System issued sections.