

# New England Telephone and Telegraph Co.

BOSTON, MASS., August 29, 1910.

*To Installers and Sub-Station Repairmen:—*

We find that on the daily work papers the material is not being reported properly.

All induction coils on backboards are to be reported under their proper code numbers. All worsted receiver cords shall be reported as a #92 receiver cord; therefore, if a man is to install a common battery wall telephone, he will report the proper number of his set, and one receiver cord #92, or in reporting a local battery magneto set, he will report either one #301-A set, or #288-A set, one receiver cord #92 and **3 dry batteries.**

All dry batteries shall be reported whether **installed or removed.**

In regard to spec. condenser backboards, they should be reported as 1 #2955 Set. Care should be taken to distinguish between a Condenser Backboard and a Special Condenser Backboard. As all desk stands come wired, they can be reported as 1-Desk Stand wired, using the proper code number, but the length of the 342 cord must be given.

It is very necessary that the proper code number of all wall sets be reported. The number is stamped on the set.

When change of equipment is made, the apparatus used and apparatus removed should be reported.

In reporting the code number of pay station signs, consult a book of reference, which can be obtained at stock room.

The following sets are in use: 43-F, 43-J, 43-N-Spec., 57, 101-E, 111-A, 124-G, 292-A, 295-A, 2955, 2955 A, B, C, D and F, Moore Gong and H. C. L. R. Bell.

In almost all cases a #6 Condenser or #21 D. Cond. and #710 B. Cond. Box are used with 292-A Sets and H. C. L. R. Bells.

The number of a special extension set is #130-A.

The resistance of a Moore gong is 1000 ohms, and it has a wooden frame. There is no place in the back to insert a condenser.

A Holtzer Cabot gong is wound to 2500 ohms resistance, and has an iron frame painted black, with 6" gongs with place to insert a condenser.

A 292-A Set is wound to 1000 ohms resistance, and is made of iron. There is no place to insert a condenser.

Code No.	Description.	Resistance.
43-F	Small bell box with 2½" metal gongs with 3 screws on top. Has bias spring.	1000 ohms
43-J	Same kind of bell as 43-F with wax ball.	2500 "
43-N-Spec.	Bell Box same size as 43-F bell. Has 4" Metal Gongs.	1000 "
57	Small bell box, has hinges and catch on cover.	1000 "
111-A	Extension Bell with 4" gongs, wax balls.	1000 "

Code.	Description.	Resistance.
101-E	Same style as 57 but is 6 in. square.	1000 ohms
124-G	Flat Bell about 3 inches high, 6 inches wide and 6 inches long.	1000 "
295-A	Same as above.	1000 "
2955-A	One inch longer than above.	1000 "
2955-B & D	One Set with bckbd. cut off.	1000 "
2955-C	Old Style Mag. Bell.	1000 "

2955	Special condenser backboard, #20 Ind. coil and #5 or 6 condenser and 43-F set.	1000	“
2955-F	One 294-A Set with bckbd. cut off.	1000	“
58	Common battery sets, should be reported by their proper code number and 1-#92 Cord.		
74			
85			
85-A			
85-K			
85-G			
95			
293-A			
294-A			
3294			
8593			

### Receivers and Transmitters.

Code.	Article.	Use.
122	Receiver	For all Sets.
128	“	Head Telephone.
128 Special	“	“ “
157	“	High Resist. Head Tel.
157 Special	“	“ “ “ “
229	Transmitter	{ For Desk Stands, coin boxes 293-A, #24 Gray P. S. and Swing Arms.
234	“	Breast Transmitter.
250	“	for Wall Sets.

### Carbons.

The carbons used in a #58 protector are #1 and #2. The micas used are #3.

The carbons used in a Hayes Protector (Magneto Exchange) are #3 and #4. The micas are #1.

### Condensers.

- #21-D Small Oblong.
- #5-A Flat with lugs.
- #6 Flat with two lead wires.

These condensers are used with common battery telephones and extension bells and have a capacity of 2-M. F.

### Protector.

The ordinary form of protector used in a subscriber's station is #58, which consists of 1-#76-A Protector, which is the instrument end of the protector, 2-#11-C, Fuses and 1-#16 Mounting, the line end of the protector, but the whole thing should be reported on work papers as one #58 **Protector**.

### Coils.

For Common Battery Telephone #20 Induction Coils are used.

For Local Battery Telephone #13 Induction Coils are used.

When coil bases are used they should be reported separately.

### Cords.

Code.	Use.
342-6'	P. D. S. 20-B.
342-10'	P. D. S. 20-B.
343-30"	Rec. Cord for 20-B.
179-11½"	Trans. Cord for 20-B.
358-30"	Rec. Cord for Aux. Rec. on Desk Stands (green silk cord).
359-30"	Rec. Cord for Aux. Rec. on Wall Sets (worsted cord).



**S equipment,** as 1-130-A Set Wired and 1 Set (give code number of set).

**P. W. equipment,** as 1-#293-J Set, 1-#133-A Bckbd., 1-7 W. E. Coin Box and 1-#92 Cord or 1-#8593 or #85 Set, 1-#7 W. E. Coin Box and 1-#92 Cord.

**Automatic Sets.**

- 282-F Wall Set.
- 30-A Desk Stand.
- 295-K Set.
- 299 Combination Cord.

**Selective Apparatus.**

- 98A Set 2500 Ohm Ringer 85A Relay.
- 105A “ “ “ “ “ “
- 296A “ “ “ “ “ “
- 297A “ “ “ “ “ “
- 2975 “ “ “ “ “ “

**Local Battery Magneto #4.**

- Magneto Backboard.
- Magneto Bell.
- #92 Cord.

**C. S. T. Sets.**

- #423 Set.
- #425 Set.

**Farmers Line.**

- 301A Set—#92 Cord.
- 303A “ “ “
- 317P “ “ “

### Local Battery Magneto #3.

#315-A Set.  
{ 43-N or 57A Set.  
{ Generator.  
{ Ind. Coil on Base.

### Generators.

The three bar generators are #283-A, #303A and #10.

The five bar generators are #1725.

When a man removes a set he will report removing #58 Prot. which he will return to the stock room.

If a man changes, installs or removes a receiver or transmitter, he should report the code numbers of apparatus used and apparatus removed.

The length of swing arms should always be given.

Wooden, Cow, and Sleigh Gongs should be reported as such.

There will be no excuse for not reporting the code number of apparatus properly, as every piece is correctly stamped.

Celluloid instruction discs are material, and when placed or removed, must be reported on the work papers.

When brackets are used or removed in connection with coin boxes, they must be reported.