

# The APCO Bulletin

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## Standards Committee Reports

### STANDARD SIGNALS DISCUSSED

An informal meeting of the State Systems Standards Committee was held at Kirkwood, Mo., January 3. Chief topic of discussion was the proposed standard set of interstate communication signals. In order that these signals be equally applicable to municipal and state system use numerous changes were made in the list that has been in use in Iowa, Illinois, Missouri and Minnesota for the past several years. The Wisconsin chapter is particularly aggressive in getting such plans into action, will no doubt make excellent use of the signals selected and in that manner lead the way for universal adoption of the signal system.

It will be noted in the revised list of signals included with this article that several changes in the original list are noteworthy and of particular convenience to county and municipal stations; namely, those in the lower brackets which make it possible for the signals to be employed in the direction of officers in squad cars. Considerable time and thought have been expended in the arrangement of these "Ten" signals to make them flexible and worthwhile to each and every department, regardless of size or classification. It is sincerely hoped by all those who have participated so freely and generously in the work so far produced that all departments will see fit to adopt and place the signals into use, upon their ratification.

This is another constructive step which has been taken by the membership of APCO to standardize our operation in all the channels of police communication which are involving more and more of our officers and departments from coast to coast.

A formal meeting of the State Systems Standards Committee will be held at 601 Sangamon Avenue, Springfield, Ill., on March 25, 1940. Notice is hereby served to all members of this committee and to the membership as a whole that they are requested to be in attendance or to forward all comments, suggestions or criticisms to the chairman for discussion at this meeting. Formal action will be taken on the subject of selection of the standard set of interstation communication "Ten" signals as well as other pertinent subjects.

Those present at the Kirkwood meeting were: Sgt. James H. Teefer, PD, St. Louis, Mo.; H. G. Dakin, PD, St. Louis, Mo.; Sheriff Owen Rex, Janesville, Wisc.; A. G. Sayre, SO, Janesville, Wisc.; E. C. Zindars, SO, Elkhorn, Wisc.; R. E. Lathrop, PD, Waukesha, Wisc.; R. S. Groenier, PD, Madison, Wisc.; Capt. J. M. Wherritt, SP, Jefferson City, Mo.; Sgt. J. W. Bryant, SP, Jefferson City, Mo., and T. M. B. Lowe, SP, Springfield, Ill., chairman of the committee.

The revised list of "Ten" signals:

- 10-1 Receiving poorly.
- 10-2 Receiving well.
- 10-3 Stop transmitting.
- 10-4 Acknowledgement.
- 10-5 Relay.
- 10-6 Busy.
- 10-7 Out of service.
- 10-8 In service.
- 10-9 Repeat, conditions bad.
- 10-10 Out of service—subject to call.
- 10-11 Dispatching too rapidly.
- 10-12 Officials or visitors present.
- 10-13 Advise weather and road conditions.
- 10-14 Convoy or escort.
- 10-15 We have prisoner in custody.
- 10-16 Pick up prisoner at....
- 10-17 Pick up papers at ....
- 10-18 Complete present assignment as quickly as possible.
- 10-19 Return to your station.
- 10-20 What is your location?
- 10-21 Call this station by telephone.
- 10-22 Take no further action last information.
- 10-23 Stand by until no interference caused to Iowa (Mo.) (etc.)
- 10-24 Trouble at station—unwelcome visitors—all units vicinity report at once.
- 10-25 Do you have contact with.....?
- 10-26 Can you obtain automobile registration information from.....?
- 10-27 Any answer our number.....?
- 10-28 Check full registration information (lic., motor, name, stolen, etc.)
- 10-29 Check for wanted.
- 10-30 Does not conform to rules and regulations.
- 10-31 Is lie detector available?
- 10-32 Is drunkometer available?
- 10-33 Emergency traffic at

- this station—clear?
  - 10-34 Clear for local dispatch?
  - 10-35 Confidential information.
  - 10-36 Correct time?
  - 10-37 Operator on duty?
  - 10-38 Station report—satisfactory.
  - 10-39 Your Nr.....delivered to addressee.
  - 10-40 Advise if Officer..... available for radio call.
  - 10-41 Tune to ..... kcs. for test with mobile unit or emergency service.
  - 10-60 What is next item (message) number?
  - 10-61 Stand by for CW traffic on ..... kcs.
  - 10-62 Unable to copy phone—use CW.
  - 10-63 Net directed.
  - 10-64 Net free.
  - 10-65 Clear for item (message) assignment?
  - 10-66 Clear for cancellation?
  - 10-67 Stations .... carry this item (message).
  - 10-68 Repeat dispatch.
  - 10-69 Have you dispatched..?
  - 10-70 Net message (State net traffic).
  - 10-71 Proceed with traffic in sequence (busy here).
- (This "80" series is reserved for assignment by nets for local use. The meanings shown are suggestions and are intended for use in Mo., Ill., Iowa, and Minn.)
- 10-80 ..... tower lights at this station burned out.
  - 10-81 Officer Nr..... will be at your station .....
  - 10-82 Reserve room with bath at hotel for officer Nr.....
  - 10-83 Have officer Nr..... call this station by telephone.
  - 10-84 Advise telephone Nr .....your city that officer Nr .....will not return this date.
  - 10-85 Officer ..... left this station for (Jefferson City) (Des Moines) .....
  - 10-86 Officer Nr.....left this station for..... at .....
  - 10-87 Officer Nr.....will be in..... if officer Nr..... will be in.
  - 10-88 What phone number

- shall we call to make station to station call to officer Nr. .... ?
- 10-89 Request radio service man be sent to this station...
- 10-90 Radio service man will be at your station.....
- 10-91 Prepare for inspection (date)..... (time).....
- 10-92 Your quality poor—transmitter apparently out of adjustment.
- 10-93 Frequencies to be checked this date.
- 10-94 Test—no modulation—for frequency check.
- 10-95 Test intermittently with normal modulation for.....
- 10-96 Test continuously with tone modulation for .....

## CW Op—Can You Pass This Exam?

There are a few operators in our ranks who are jeopardizing the jobs of all police CW operators and threatening frequency assignments. Many police departments are only halfway sold on the value of CW to them, and a few errors in the handling of messages, or unnecessary delays in delivery, will influence them to discontinue using CW.

In addition to that, there is a very authentic rumor that a certain government monitoring station has been paying close attention to the police frequencies, and some operators have received citations from the FCC for superfluous communication, while several others have received requests for copies of their station logs.

Below are ten questions which should be studied carefully. If you can answer them in the affirmative they can be considered as promises that you will not be a traitor to your profession.

1. Will you always carefully check the group count of an originated message and PUT IT IN

## Last Call for Radio Engineers

It is important that the engineering committee have on file a list of all qualified radio engineers belonging to APCO. Why not cooperate by sending in your card NOW. All that it requires is a 3x5 file card with the following information:

Name.....

Present Position.....

Department.....

College.....

Date of Graduation.....Degree.....

Licenses Held.....

Past Experience.....

Most Interested in Design.....Research.....

Maintenance.....Other.....

We wish to thank those who have already mailed in their cards. To those that have not yet responded, please do so by mailing your cards to Arnet A. Curry, Chairman Engineering Reports and Research Committee, 126 State House, Indianapolis, Indiana.