

Northern California

RECEIVE REPORT ON RECENT FLOODS

The January 12th meeting of the Associated Public Communications Officers, Inc., was held in the City of Napa. The host for the meeting was Martin Landers, who is in charge of radio communications for the City of Napa. The meeting was called to order by President Tom Bayley at 11:15 a.m. Roll call showed 27 members and guests in attendance.

The Secretary read the minutes of the November 10th and December 8th meetings which were approved by the Association. The Treasurer's report showed \$581.11 on hand; however, the National assessment had not been paid.

Request for Active Membership for Arthur E. Fouts, Communications Supervisor for the Santa Rosa Fire Department, was approved on a motion by Maybee, seconded by Huston.

President Bayley then requested the Frequency and Engineering Chairman, Brower McMurphy, to make his report. Chairman McMurphy reported on the following recommendations: County of Amador, 46.02 mc base and mobile; County of Humboldt, 39.78 mc base; City of Hayward, 155.07 mc base and mobile, less than 30 watts; County of Glenn, 155.55 mc base, 159.15 mc base and mobile; City of Pinole, 155.13 and 155.01 mc mobile; Cities of Concord, Martinez and Marysville, and the Counties of Stanislaus, Amador, Glenn and Butte, 155.67 mc base, as part of the Northern California point-to-point radio system. These recommendations were approved by the Association.

A request for frequency recommendation by the City of Sonoma on 154.89 mc base and mobile, with restrictions protecting the City of Oakland from possible interference was approved after considerable discussion on a motion by McMurphy, seconded by Maybee.

The Secretary then read a request from the City of Antioch to change frequency from 155.31 mc to any other suitable channel within 500 kc of 155.67 mc. As there are no available non-interference frequencies the Secretary was instructed on a motion by Mason, seconded by Burton, that the City be

advised that all frequencies are shared and it is our recommendation that this sharing be done with the City's neighbors rather than someone remotely removed who has nothing else in common with the City other than causing more objectionable interference. The City is to be advised that there are no frequencies available in the 150 mc band so, therefore, their only solution is to go to 450 mc, or to re-design their present system. On a motion by McMurphy, seconded by McDole, the City was to be further advised that our Association would be most happy to assist them by providing engineering service in an effort to alleviate their problem.

Following a very nice ham dinner, a discussion on the point-to-point system took place. It was felt that all agencies should plan on changing from 73.26 to 154.71 mc as soon as possible. President Bayley pointed out that many of the stations on the point-to-point system are not on the exact frequency and that he, in conjunction with the State Technician, would measure all frequencies, advising those who needed correction. Selective calling was again discussed at length with "Secode," manufactured by Electrical Communications, coming up for serious consideration.

(Continued Page 15)

CPRA

GROUP MEETS IN NEW LOS ANGELES POLICE BUILDING

The January 20th meeting was called to order at 10:00 a.m. by President Harvey Platt with 65 members and guests present.

The CPRA group was given a warm welcome to the new Los Angeles Police Facilities Building by Inspector Walker.

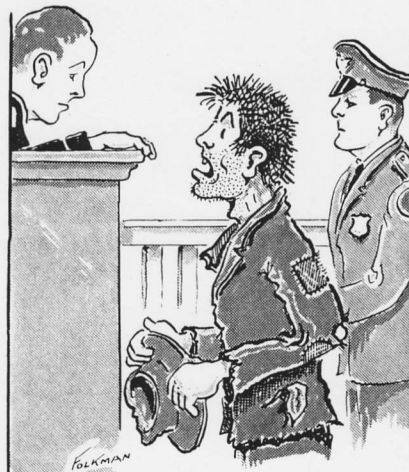
Guests and potential new members, Doris Pence, County of Tulare; Richard Green, California Highway Patrol; C. T. Jamison, San Diego Sheriff; A. T. Parker, Stoddart Radio and Mr. Richards of the Hycon Instrument Laboratory, were introduced.

Motorola demonstrated their new one way page system: (88 tones — selective and voice features — all transistorized with 7 transistors — 264 combinations — unit can use ac wiring of most buildings as the radio frequency carrier — the RF output is adjusted low enough not to require an FCC license — units will

operate 50-75 feet from wire source — battery life, on the pocket page units, is 200 operating hours — pocket page units have ear set jacks for use in high noise areas — systems available with eight weeks delivery).

Vern Stineman of General Electric Communications said G-E had increased their personnel to give greater help to operators of communications equipment.

Mr. Cohen and Mr. Boyer spoke on a new 30-50 mc antenna that has high efficiency for a physical short length, a voltage standing wave ratio under 2-1,



"Another thing, Sergeant — that police radio description of me was very uncomplimentary."

and less than 1 db loss when compared to a quarter wave whip of much greater length. A projected price of \$29.50 and delivery by January 1, 1957 was quoted by Mr. Cohen. A voice count from the membership showed a need for 3335 antennas of the type Mr. Boyer described.

Frank Walker said that transistorized motorcycle radio units have been tested by Motorola in Chicago for the past eight months; that they are the last word and will be available soon for all police frequencies. The radio units will have 10 watts or more RF output and will operate on either 6 or 12 volts.

Mr. Ricker demonstrated several of the new Hycon test instruments: (614 vacuum tube volt meter, 615 VT VM with 1% dc and ohm scales — 2% ac scales, and with automatic voltage counter). Also demonstrated was the Hycon 622 scope with 6 mc band pass.

Mr. Linden, Chief Engineer of the Los Angeles Office of the FCC, introduced his guest, Glen Martan of the Portland FCC Monitoring Office. Mr. Linden wished the California Public-Safety Radio Association much success for 1956.

Charley Ellison introduced California State Attorney General Edmund Brown. Mr. Brown said he was very interested

(Continued Page 17)

CPRA

(Continued)

in communications and would like to be informed of all new communications plans and ideas of the California Public-Safety Radio Association.

Harvey Platt stated that most of the progress made by CPRA in 1955 was due to hard working committees.

Bill Whiting installed the new President Foster Strong, the new Vice-President Ken Corner and the new Sergeant-at-Arms Ken Taylor.

President Strong said, "Manufacturers must have a good knowledge of what is needed; and CPRA should see that they are well informed."

The frequency of 155.79 mc for the City of Escondido and the frequency of 45.03 mc for the County of San Bernardino were recommended to the FCC by the membership after introduction by Frequency Chairman Fred Crowder. The frequency of 45.46 mc for the California Highway Patrol was also recommended (pending proper test and compatibility with the City of Pasadena).

Fred Crowder read several articles from the Industrial Communications Weekly: The year 1956 may settle split-channel questions and problems — 450 mc licenses should go on a regular basis soon — microwave rules will probably not be completed in the early part of 1956 — small fines as an enforcement measure to radio operations may be passed — FCC Commissioner Webster sees no need for more TV space — regulation of radiation from television receivers and other sources should be effective soon.

Police Chief Arthur Hohman explained the Sig-Alert Warning System used to warn large segments of population in California, Nevada and Arizona. Thus far most of the work on the system has been done by the California Highway Patrol and the City of Los Angeles. Chief Hohman explained the facilities of the new ultra modern police center, and a complete tour of the building was conducted.

Mr. Menzies of the Western Pacific Railroad gave a very detailed word picture of the great damage done by the recent floods in Northern California.

President Strong pointed out that CPRA needs only 15 more members to be the largest chapter in APCO.

The March 16th meeting will be at the Lakewood County Club, Long Beach, California.

The April 12, 13, 14 Conference with Northern APCO and IMSA will be at Bakersfield, California.

WARREN L. DAVIS, Sec'y

Carter Dynamotor Rotary Power Supplies

... The Choice of Experts ... where **DEPENDABILITY** Counts Most ...

for AIRCRAFT RAILROAD and MILITARY COMMUNICATIONS
MARINE DIRECTION FINDERS
POLICE RADIO
GEOPHYSICAL INSTRUMENTS
TAXICAB RADIO
RADIO TELEPHONES
FIRE DEPARTMENT FORESTRY and UTILITY COMMUNICATIONS
GUIDED MISSILES
TRUCK & BUS RADIO

CARTER Dynamotor Power Supplies provide dependable power for all forms of mobile communication and a host of other applications where *unfailing dependability* is the prime consideration.

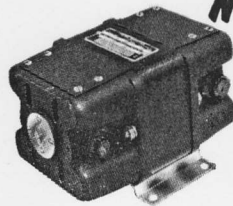
Design engineers have learned to specify CARTER DYNAMOTOR POWER as the *one sure way* to obtain unfailing operation. Ten basic CARTER DYNAMOTORS are available in a wide range of input and output specifications, delivering 6 to 1000 volts, 10 to 500 watts.

Don't take chances. Plan and Specify CARTER DYNAMOTOR POWER, right from the beginning. Our engineers will gladly collaborate with you in selecting or developing the ideal power supply.

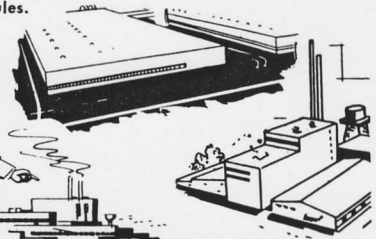
MAIL COUPON NOW for complete DYNAMOTOR catalog, showing electrical and mechanical specifications, dimensional diagrams, performance charts, etc. Every electronic engineer needs this informative book at hand for ready reference. No obligation.

NOW! 3 plants to serve you better!

Adequate engineering and production facilities to maintain critical delivery schedules.



Carter Super Generator outputs up to 375 watts at 115, 220 & 230 v. 3 3/8" x 3 3/8" high (not base)



Carter
ROTARY
POWER
SUPPLIES

Carter Motor Co.
2643 N. Maplewood Ave.
Chicago 47, Illinois

Please send Catalog and 6/12 conversion data on Carter Dynamotor Power Supplies.

Name.....

Address.....

City..... State.....