



Sept 19, 1980

Society of Wireless Pioneers, Inc.
P.O. Box 530
Santa Rosa, Calif. 95402

REFERENCE: Pix and story on page 11 of
Sparks Journal Quarterly,
VOL 3, NO. 3 - NAA/NSS edition, 1980.

ARTICLE: The "WVY" Hot Shots, by Donald T
Wright. The 1932 photo on lower
right of page 11 with mention of
Capt. Woolverton in background.

COMMENT: This was a most interesting story
about the fascinating era of the
wireless phase of commercial and
military radio at that time in
radio history.

my reason for writing this letter
is the mention of Captain Woolverton
and my memories of the Army
Amateur Radio Service.

as an amateur, I was affiliated
with the A.A.R.S. for several years in
the early and middle 1930's.

Looking back, I suppose it was a fun sort of thing but there was a rigid discipline that I am sure influenced my career in commercial radio.

my main point is to mention Captain R. B. Woolverton. I first met him at an informal meeting of 6th District members at the home of W6AAN - they also our SCM, at his home in Arcadia, Calif. we all knew the captain as the chief, but I never knew a finer officer and gentleman. He could sure tell some good army stories! a few years later I was in San Francisco and had a nice visit with him plus a tour of the Presidio radio facilities.

It's been a long time since I have heard ZLVA or have had a ZAG but will always remember that phase of my amateur career. my old logs are full of the 6th dist. calls in the AARS but too numerous to mention here.

am enclosing some memorabilia of those years, for what it may be worth.

TNX ES 73

Don Haskell # 3437 P

Box 644, HURRICANE, UTAH. 84737

EX W6CPM - NOW W7CL

PROCEDURE SIGNALS PRESCRIBED FOR COMMUNICATION BETWEEN THE
ARMY AND NAVY AND IN ALL TACTICAL NETS

Signal	Meaning
Blank	Blank, representing missing or doubtful portions.
AA	All after (to be used in requesting a repetition or verification).
AB	All before (to be used in requesting a repetition or verification).
AR	End of message.
AS	Wait.
B	There is more to follow.
BN	All between (to be used in requesting a repetition or verification).
BT	Break, separating heading and text.
C	You are correct.
EEEEEEEEEE	Error.
F	Do not answer.
G	Repeat back.
GR	Group(s).
HM	Silence.
II	Space.
IMI	Repeat, I will repeat, interrogatory.
INT	Is this correct?
IX	Message following is a preparatory command, not to be carried out until the signal (command) of execution is received.
5-second dash	Signal (command) of execution.
2-second dash	Salvo mark (battery fired; that is, on the way).
J	Verify and repeat.
K	Go ahead (that is, answer -- and ending signal).
M	Nothing (or not) received.
NR	Number.
O	Urgent.
P	Priority.
R	Received or readability (according to context).
S	Signal strength.
T	Transmit to
T of O	Time of origin.....
TOR	Time of receipt.
U	Radio guard (Navy). Not control station (Army).
UC	Negative silence.
V	From.
VA	End of communication; finished; (and ending signal)
W	Interference.
WA	Word after (to be used in requesting a repetition or verification).
X	Static interference.
ZIA	Call me by wire telephone.

Signal

Meaning

ZAB.....	Are you in communication by visual with
ZAC.....	Are you in communication by radiotelephone with
ZAD.....	Am in communication by visual with.....(through.....)
ZAE.....	Am in communication by radiotelephone with.....
ZAF.....	Are you in communication by radio with
ZAG.....	Am in communication by radio with.....(through.....)
ZAH.....	Have you heard
ZAI.....	It is forbidden to transmit (until
ZAJ.....	Try radiotelephone (onKCS).
ZAK.....	Call me again at (onKCS).
ZAL.....	Can you hear? If so, what is his signal Strength?
ZAM.....	Can hear; his signal strength is
ZAN.....	Did send anything for me? If so, please repeat.
ZAO.....	Following is whatsent (ato'clock).
ZAP.....	Have (or has) been calling you since..... (onKCS).
ZAQ.....	Of what class and to whom are your messages ?
ZAR.....	Have messages for (If blanks not filled means "Have a message for you").
ZAT.....reports radio telephone
ZAU.....	I (or) will call you again as soon as I (he). can (or ato'clock) (onKCS).
ZAV..... is calling you (on KCS).
ZAW.....	Inform that I am calling him (onKCS).
ZAX.....	Nothing received from (at
ZAY.....	Report when you are in communication by visual with....
ZAZ.....	Report when you are in communication by radio with.....
ZBA.....	Wait, I must shift to copy another station (or.....) but will call you as soon as I can (or at o'clock).
ZBB.....	Radio telephone indistinct, send by key.
ZBE.....	Whom shall I call, and on what frequency, to report messages for
ZBF.....	Report messages to (onKCS).
ZBG.....	Through whom shall I relaymessages for
ZBH.....	May I relay messages for through you or (through) ?
ZBJ.....	Have nothing to transmit.
ZBK.....	Reception impossible. Send series of six dashes if transmission received or send series of six dots if transmission is not received. Send receipt for message when communication is next established.
ZIM.....	Fragments only received (from).

Signal

Meaning

ZDF.....	When may I expect an answer to my message..... ?
ZDM.....	Continuous frequency.
ZDN.....	Vacuum tube transmission.
ZDP.....	Land wire or cable.
ZDR.....	Radiotelephone.
ZDV.....	Tonic train (chopped CW) transmission.
ZDW.....	Visual.
ZDX.....	Frequency.
ZDY.....	Type..... transmitter.
ZDZ.....	Type..... Receiver.
ZFA.....	Model..... receiver.
ZFJ..... is radio guard on.....KCS (not control station for net whose call is.....).
ZFK.....	Am ready to take over radio guard (to act as net control station).
ZFL.....	Are you radio guard (net control station) (for.....)?
ZFM.....	Indicate ships (stations) for which you are radio guard (net control station).
ZFQ.....	(.....) Act as..... (until..... o'clock) (on.....KCS).
ZFW.....	Am in your zone. Relay communications for me.
ZFX.....	Expect to be out of communication for radio until..... o'clock. Handle radio communication for this ship (station).
ZFZ.....	Am (or..... is) unable to..... ?
ZGA.....	Are you (or..... is) unable to..... ?
ZGB.....	Am going to use (or am shifting to).....
ZGC.....	Am (or..... is) unable to use.....
ZGD.....	Am (or..... is) using.....
ZGF.....	Use.....
ZGG.....	My antenna (or antenna of.....) has been damaged (or carried away).
ZGJ.....	My receiving apparatus is temporarily out of commission.
ZGK.....	Repairs completed. Am in commission.
ZGL.....	There appears to be something wrong in your (.....) receiving equipment.
ZGM.....	There appears to be something wrong in your (.....) transmitter.
ZGN.....	My..... (or..... of.....) is defective.
ZGO.....	Your..... appears to be defective.
ZGP.....	I can not transmit on..... KCS.
ZGQ.....	Your antenna appears to be grounding.
ZGR.....	At the end of this transmission I (or.....) will transmit on CW.
ZGS.....	I have increased my radiation.
ZGT.....	My radiation is good.
ZGU.....	I cannot receive (.....).
ZGV.....	How is my note?
ZGW.....	Lower your note.

Signal

Meaning

ZGX.....Raise your note.
 ZGY.....Your note is bad.
 ZGZ.....Your note is clear and musical.
 ZJA.....Your note is rising and falling.
 ZJB.....Decrease strength of signals.
 ZJC.....Increase strength of signals.
 ZJD.....How are my signals ?
 ZJF.....What is my signal strength ?
 ZJG.....Your signals are unreadable owing to your 'bad' note.
 ZJJ.....Your spark is broken.
 ZJK.....Your signals fade.
 ZJL.....Cease using,
 ZJM.....Act as relay between me and,
 ZJN.....Give me your message for; I will forward it.
 ZJQ.....Inform me when this message (or message) has
 been received by the addressee (or by)
 ZJR.....Message has been received by the addressee
 (or by).
 ZJV.....Message(s) has (have) been sent by land wire.
 ZJY.....Take no further action with regard to forwarding mess-
 age (to).
 ZJZ.....Transmit this message now (or at) by "F"
 method.
 ZKA.....Transmit this message now (or at) without
 preliminary call up.
 ZKC.....Transmit this message now (or at) by inter-
 cept method.
 ZKG.....Pass following message to destination by dispatch mail
 system.
 ZKH.....Distribute this message by dispatch where no charges
 are involved and to all others by mail.
 ZKI.....Forward this message by commercial rate letter.
 ZKN.....Send V's on your present frequency (orKCS).
 ZKO.....Am going to send V's on my present frequency (or
KCS).
 ZKP.....Am going to transmit on KCS.
 ZKQ.....Am shifting to receive on KCS.
 ZKR.....Am (oris) unable to transmit on KCS.
 ZKU.....Am (oris) transmitting onKCS.
 ZKX.....On receiving "UKU" onKCS I shall (or
 ..will) transmit message to you onKCS.
 Answer on your present frequency (orKCS).
 ZKY.....Shift to receive onKCS until further orders.
 ZKZ.....Shift toKCS.
 ZLA.....Transmit and receive onKCS.
 ZLB.....What frequency are you (or is) using ?
 ZLC.....How is my frequency ?
 ZLD.....Your frequency appears to be correct.

Signal	Meaning
ZLF.....	Increase your frequency a trifle (orKCS).
ZLG.....	Decrease your frequency a trifle (orKCS).
ZLH.....	Your orientation is wrong; check it immediately.
ZLJ.....	Transmit on KCS.
ZLK.....	Shift from telegraph to compensating frequency or vice versa.
ZLL.....	Check your frequency.
ZLV.....	General call; all stations copy.
ZMC.....	Who is interfering with you ?
ZMF.....	I am being interfered with, by(on.....KCS).
ZMG.....	Listen in before transmitting. You are causing unnecessary interference.
ZMJ.....	Do not interfere, I am receiving from.....
ZMK.....	You are causing interference.
ZML.....	You are causing interference by inattention to order to wait.
ZMM.....	You are causing interference. Send on another frequency.
ZMN.....	You are sending at the same time as
ZNO.....	Answer and take his message(s);
ZNP.....	Answer calls for me.(or for.....).
ZNU.....	Answer in alphabetical order of call signs.
ZNV.....	Answer inKCS.
ZPA.....	Negative, No, Not. (For use with operating signals only.)
ZPB.....	Affirmative, Yes. (For use with operating signals only)
ZPF.....	Send.....(weather, obstruction, storm warnings, press, etc) last received (or received at.....) to me (or to.....).
ZPG.....	Set clocks too'clock upon receiving signal of execution.
ZPH.....	What time is it ?
ZPJ.....	Message undelivered; addresses unknown.
ZPN.....	Message undelivered; station out of range.
ZPO.....	Message refused.
ZPP.....	Message undelivered; addressee no longer here (or not here).
ZPR.....	Message accepted by..... State if correct.
ZPV.....	Address on message is..... Try again.
ZPW.....	Address on message..... insufficient. Give better address.
ZPX.....	Message now delivered O.K.
ZQO.....	Send report of weather conditions your vicinity.
ZXA.....	What was station serial number of last message received from this station (or from.....) ?
ZXB.....	Station serial number of last message received from you (or from.....) was

Signal	Meaning
ZXC.....	What was station serial number of last message you transmitted to me (or to)?
ZXD.....	Station serial number of last message transmitted to you (or to) was
ZXF.....	Prior to closing station records, last message transmitted to you (or to) was message; last message received from you (him) was message; (last message transmitted to was message; last message received from him was message).
ZZA ¹	Station reports into net.
ZZB ¹	Station leaves net temporarily (or forhours) (to communicate with). (Will be on KCS).
ZZC ¹	Is net directed of free ?
ZZD ¹	Net is directed.
ZZF ¹	Net is free.
ZZH ¹	Transmit (.....) message(s) (to) (onKCS).
ZZK ¹	The following stations are now in the net.
ZZO ²	Broadcast your message without preliminary call up.
ZZP ²	Do not broadcast. Call your station first.
ZZX.....	Close your station.
USA.....	General call. Any Army station hearing will answer.
USN.....	General call. Any Navy or Marine Corps Stations hearing will answer.

1. This signal is not in the Navy list. It should not be used in communication with naval stations.
2. The term broadcast as here used means that the call up and answer may be omitted.

PD

20014

pa in complain
also 2 msg for us str so

L43CR

5
8 EERC

17/17

PROCEDURE SIGNALS PRESCRIBED FOR COMMUNICATION BETWEEN THE
ARMY AND NAVY AND IN ALL ARMY TACTICAL NETS
ABBREVIATED LIST FOR USE OF AARS

Signal	Meaning
AAA	Blank, representing missing or doubtful portions.
AA	All after (to be used in requesting a repetition or verification).
AB	All before (to be used in requesting a repetition or verification).
AR	End of message.
AS	Wait.
B	There is more to follow.
BN	All between (to be used in requesting a repetition or verification).
BT	Break, separating heading and text.
C	You are correct.
EEEEEEEE	Error.
F	Do not answer.
G	Repeat back.
GR	Group(s).
II	Space.
IMI	Repeat, I will repeat, interrogatory.
INT	Is this correct?
J	Verify and repeat.
K	Go ahead (that is, answer--and ending signal).
NR	Number.
O	Urgent.
P	Priority.
R	Received or readability (according to context).
S	Signal strength.
T	Transmit to.....
V	From.....
VA	End of communication; finished; (and ending signal).
W	Interference.
WA	Word after (to be used in requesting a repetition or verification).
X	Static interference.
ZAA	Are you an Army Amateur station?
ZAF	Are you in communication by radio with
ZAG	Am in communication by radio with (through)
ZAH	Have you heard
ZAI	It is forbidden to transmit (until).
ZAK	Call me again at (onKCS).
ZAM	Can hear; his signal strength is
ZAQ	Of what class and to whom are your messages?
ZAR	Have messages for (If blanks not filled means "Have a message for you").

794
15
8017
822

GOO

130
5
17
154

K22

349

Signal

Meaning

- ZAU.....I (or) will call you again as soon as I (he) can (or at o'clock) (on KCS).
- ZAV..... is calling you (onKCS).
- ZAW.....Inform that I am calling him (on KCS).
- ZAX.....Nothing received from (at).
- ZBA.....Wait, I must shift to copy another station (or) but will call you as soon as I can (or at o'clock).
- ZBB.....Radio telephone indistinct, send by key.
- ZBF.....Report messages to (on KCS).
- ZBG.....Through whom shall I relay messages for?
- ZBH.....May I relay messages for through you or (through)?
- ZBJ.....Have nothing to transmit.
- ZBM.....Fragments only received (from).
- ZBN.....Send each message twice. I have difficulty receiving.
- ZBO.....Send each message once only. Reception is good.
- ZBP.....Send faster.
- ZBQ.....Send slower.
- ZBR.....You are missing dots.
- ZBV.....Reception very bad; send each group times.
- ZBX.....Reception impossible.
- ZBY.....Accuracy of reception of message is doubtful.
- ZCG.....Listen in for messages from (on KCS).
- ZCH.....Letter each group (in message).
- ZCI.....I will letter each group (in message).
- ZCN.....Number of groups (in message) was
- ZCR.....Cancel this message.
- ZCT.....Following is correct version (of message).
- ZCV.....Transmit your messages in strings of
- ZCW.....Am going to transmit messages in strings of
- ZCX.....Have you received my message?
- ZCZ.....Delay was due to fault in my receiving apparatus.
- ZDA.....Delay was due to fault in my transmitting apparatus.
- ZDB.....You are causing delay by slowness in answering.
- ZDC.....You are causing delay by answering out of turn.
- ZDD.....Request immediate reply to my message (.....).
- ZDG.....Transmit all your messages one after the other.
- ZDR.....Radiotelephone.
- ZDX.....Frequency.
- ZFK.....Am ready to take over radio guard (to act as net control station).
- ZFL.....Are you radio guard (net control station) (for....)?
- ZFQ.....(.....) Act as (until o'clock) (on KCS).

Signal

Meaning

ZFZ.....	Am (or is) unable to
ZGA.....	Are you (or is) unable to?
ZGB.....	Am going to use (or am shifting to).....
ZGC.....	Am (or is) unable to use.....
ZGD.....	Am (or is) using.
ZGF.....	Use
ZGJ.....	My receiving apparatus is temporarily out of commission.
ZGM.....	There appears to be something wrong in your (.....) transmitter.
ZGN.....	My.....(or of) is defective.
ZGO.....	Your appears to be defective.
ZGS.....	I have increased my radiation.
ZGT.....	My radiation is good.
ZGU.....	I cannot receive (.....).
ZGV.....	How is my note?
ZGY.....	Your note is bad.
ZGZ.....	Your note is clear and musical.
ZJA.....	Your note is rising and falling.
ZJB.....	Decrease strength of signals.
ZJC.....	Increase strength of signals.
ZJD.....	How are my signals?
ZJF.....	What is my signal strength?
ZJG.....	Your signals are unreadable owing to your bad note.
ZJK.....	Your signals fade.
ZJN.....	Give me your message for; I will forward it.
ZJQ.....	Inform me when this message (or message) has been received by the addressee (or by).
ZKN.....	Send V's on your present frequency (orKCS).
ZKO.....	Am going to send V's on my present frequency (or KCS).
ZKP.....	Am going to transmit on KCS.
ZKQ.....	Am shifting to receive on KCS.
ZKU.....	Am (or is) transmitting on KCS.
ZKY.....	Shift to receive on KCS until further orders.
ZKZ.....	Shift to KCS.
ZLB.....	What frequency are you (or is) using?
ZLD.....	Your frequency appears to be correct.
ZLF.....	Increase your frequency a trifle (orKCS).
ZLG.....	Decrease your frequency a trifle (orKCS).
ZLJ.....	Transmit on KCS.
*ZL1,2,3,etc.	Army amateur CQ calling for AA stations in 1st CA, 2nd CA, 3rd CA, etc.
*ZLAA.....	Army amateur CQ to all Army amateurs.
ZLV.....	General call; all stations copy.
*ZLV1, 2,3,etc.	Broadcast to all Army amateurs of 1st CA, 2nd CA, 3rd CA, etc. (Used within corps area).
*ZLVA.....	Broadcast to all Army amateurs. (All AA stations stand by and copy).

Signal

Meaning

647

ZMF.....	I am being interfered with by (on KCS).
ZMG.....	Listen in before transmitting. You are causing unnecessary interference.
ZMK.....	You are causing interference.
ZNO.....	Answer and take his message(s).
ZNU.....	Answer in alphabetical order of call signs.
ZPA.....	Negative, No, Not. (For use with operating signals, only.)
ZPB.....	Affirmative, Yes. (For use with operating signals only.)
ZPG.....	Set clocks to o'clock upon receiving signal of execution.
ZPH.....	What time is it?
ZPO.....	Message refused.
ZPP.....	Message undelivered; addressee no longer here (or not here).
ZPW.....	Address on message insufficient. Give better address.
ZPX.....	Message now delivered O. K.
ZQO.....	Send report of weather conditions your vicinity.
ZXA.....	What was station serial number of last message re- ceived from this station (or from)?
ZXB.....	Station serial number of last message received from you (or from) was
ZXC.....	What was station serial number of last message you transmitted to me (or to)?
ZXD.....	Station serial number of last message transmitted to you (or to) was
ZXF.....	Prior to closing station records, last message transmitted to you (or to) was message; last message received from you (him) was message; (last message transmitted to was message; last message received from him was message
ZZA ¹	Station reports into the net.
ZZB ¹	Station leaves net temporarily (or for hours) (to communicate with.....). (Will be on KCS).
ZZC ¹	Is net directed or free?
ZZD ¹	Net is directed.
ZZF ¹	Net is free.
ZZH.....	Transmit (.....) message(s) (to) (on KCS).
ZZK ¹	The following stations are now in the net:
ZZX.....	Close your station.
*ZZZZ...Z.....	Ten or twelve Z's followed by station call; then another string of Z's - Emergency call (Army Amateur SOS call.)

1. This signal is not in the Navy list. It should not be used in communication with naval stations.

* - Special Army Amateur procedure signals.

ARMY AMATEUR RADIO SYSTEM
CENTRAL CALIFORNIA NET
North Fork, Calif.

/MO

October 7, 1935.

Bulletin)
 :)
No. 2.)

1. Bulletin No. 1, April 24, 1935 is hereby amended. The following is applicable to operation in the Army Amateur Radio System.

a. The following message is repeated for your information and compliance:

ZLV9 37 W6ZG MO 100 AARS

PRESIDIO OF SAN FRANCISCO CALIF 430P SEPT 9

ALL ARMY AMATEURS

NINTH CORPS AREA

WEEKLY TRAFFIC TOTALS CALLED FOR IN ZLV NINE NUMBER FIFTEEN APRIL EIGHTH ARE NO LONGER REQUIRED STOP IN LIEU OF THE ABOVE A MONTHLY TRAFFIC TOTAL WILL BE FURNISHED THIS OFFICE BY ALL MEMBERS STOP TRAFFIC WILL BE COMPUTED FROM THE SIXTEENTH TO THE FIFTEENTH OF THE FOLLOWING MONTH AND

WILL REACH THIS OFFICE NOT LATER THAN THE TWENTIETH OF EACH MONTH STOP STATIONS AUTHORIZED. USE OF SPECIAL FREQUENCIES WILL KEEP SEPARATE TOTALS FOR TRAFFIC HANDLED IN THE AMATEUR BANDS AND THAT HANDLED ON SPECIAL FREQUENCIES STOP ABOVE REPORT TO BE THE SAME AS FURNISHED MONTHLY TO QST STOP REGARDS

FOR THE CORPS AREA SIGNAL OFFICER

FERRITER

0. In order to be counted present for each drill, it is necessary that a message be originated and routed through your DNCS, SNCS, and thence to the CANCS. The message MUST contain the following information:

- (1) Numbers, station received from and date received of all ZLVAs and ZLV9s received during the week.
- (2) Number of stations contacted during drill.

Suppose, for example, that during the week up to and including drill night you had received ZLVAs #57 WLM on April 9th and #58 WLM on April 11th, on Monday the 15th you had received #59 WLM and #16 W6ZG, all being copied from W6ZG at 70CP on 3846.2 kcs. During drill period you had worked just one station (your DNCS). The report message would be as follows:

NR 14 W6FF CK 35 AARS

GRASSLAWN CALIFORNIA 715P APRIL 15 1935

SIGNALS

SANFRANCISCO CALIF

ZZA ZJR ZLVA W SIX ZG COLON WLM FIVE SEVEN APRIL NINTH COMMA WLM
FIVE EIGHT APRIL ELEVENTH COMMA WLM FIVE NINE APRIL FIFTEENTH COMMA
W SIX ZG SIXTEEN APRIL FIFTEENTH STOP ZAG ONE END

W6FF

c. And remember, a report message will NOT be counted unless it is originated and transmitted to the proper DNCS or Minute Man on the day drill is normally held. In case your message is routed through your MM, it will be necessary to originate ANOTHER message addressed to your DNCS and SNCS with the same information contained therein.

(over)

d. A message will be submitted to the Signal Office, through channels, once a month reporting the number of messages originated, delivered, and relayed. This message will include that part of the month from the sixteenth to the fifteenth of the following month. The message will be sent so as to reach the Signal Office not later than the twentieth of each month. The following form for the message is suggested:

NR 15 W6FF CK 14 AARS

GRASSLAWN CALIFORNIA 800P OCTOBER 16 1935

SIGNALS

SANFRANCISCO CALIF

REPORT TRAFFIC TOTAL FOR PRECEEDING MONTH COLON ORIGINATED TEN
DELIVERED FOURTEEN RELAYED SIXTEEN END

W6FF

2. All traffic handled by members of the AARS through AARS channels should be properly prepared so as to conform to AARS procedure.

a. The following is the correct order of transmission:

1. Message number
2. Call letters of originating station
3. Check (number of words in text)
4. Place from
5. Time filed (if no filing time indicate NFT)
6. Date
7. Address
8. Body of text
9. Signature

2. Members should thoroughly inform themselves with all particulars of Circular No. 6, especially those of Circular 6-4, OCSigO AARS, Section II, regarding the checking of messages.

3. Local stations should keep continuous watch on their net frequency during drill period from 650P to 730P except during the transmission of the ZLVA on 3846.2 kcs at 700P.

A copy of each ZLVA and ZLV9 received should be kept on file and easily found in case any reference is desired thereto to settle some dispute or to clear up certain procedure. If there is anything that is not clearly understood, your DNCS and/or your SNCS will be glad to explain it to you.

4. If you are unable to contact your DNCS on the day drill is normally held call ZLVM and listen for your Minute Man. In any event, this call is not to take place until after 730p or until you have given up hope trying to contact your DNCS. The MM's for California are: W6FQU operating on about 3725 kcs and W6KGO on about 3700 kcs.

It is hoped that everyone will be able to get on their net frequency and use break-in operation. All this unnecessary calling and consequent ZMF would be very much reduced if the foregoing were followed.

5. DNCS will include in addition to the regular report message, the call letters of those stations ABSENT from drill and not those present.

All DNCS should send their write-ups intended for inclusion in the CA Bulletin to W6RJ, 261 Mather St., Oakland, Calif. so as to arrive by the 20th of the month. Material received after that date is liable to be delayed until the following issue.

ARMY AMATEUR RADIO STATION



AFFILIATED WITH
THE SIGNAL CORPS
UNITED STATES
ARMY

This certifies that
At Glendale, California *Amateur Radio Station* W 6 C P M

owned by Don Haskell *having been duly*
recommended by the representatives of the transmitting radio
amateurs of the United States to serve as the Local *radio station*
of The Sixth District of California *is hereby designated an*

ARMY AMATEUR RADIO STATION

As such, it is entitled to all the rights and privileges embodied
in the Signal Corps plan of affiliation with the transmitting radio
amateurs. The owners and operators thereof are empowered to
transmit and receive such traffic of an official nature as may be
necessary in the proper performance of their duties.

This appointment will continue in full force and effect for a
period of two years unless sooner terminated for just cause.

Given under my hand and seal
this 16th *day of* November 19 33

At Presidio of San Francisco, California

R. B. Woolverton

R. B. Woolverton, Captain Signal Corps

Asst. Signal Officer 9th Corps Area

