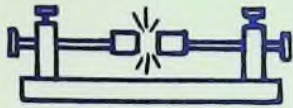
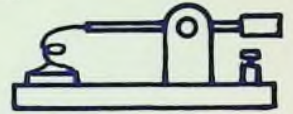


Spark-Gap Times



Published By
The Old Old Timers Club



NUMBER 19 VOL. 4

CHATTANOOGA - TENN.

FEBRUARY 1964



ROLAND BOURNE, WIANA
ONE OF THE FOUNDERS OF OOTC
(see page one)

Champion of independence...

or slave to your needs!

HT-44 SPECIFICATIONS

Versatile compact amateur band transmitter for independent operation or slaving with SX-117 receiver for function as transceiver. SSB, AM, or CW on 80 through 10 meters. Features Hallicrafters stabilized phasing system for sideband generation with -40 db of sideband suppression @ 1 kc and carrier suppression of -50 db. Distortion products, -30 db. VOX/CW break-in and PTT operation. Panel-adjusted VOX/CW delay for maximum Phone-CW flexibility. Exclusive AALC gives greater talk power with speech compression up to 12 db. Power input 200 watts DC on CW and SSB, 50 watts AM. Same size and style as SX-117. Furnished with crystals for 3.5-4.0, 7.0-7.5, 14.0-14.5, 21.0-21.5, and 28.5-29.0 mc. Less transceiver cables, \$395.00. P-150 AC power supply, \$99.50.

For sheer excellence of design as an independent transmitter, we'll put our money (in fact, we have) on the effortless performance of our new HT-44 SSB/AM/CW Transmitter. You get 200 watts DC input, SSB and CW . . . Hallicrafters' exclusive stabilized phasing system . . . Amplified Automatic Level Control (AALC) . . . VOX/PTT and dozens of other solid value features specified in detail above. Interconnected with our SX-117 Receiver, the HT-44 becomes the slave, and you're the master of every situation with transceive operation available at the flip of a switch. Either way, you can't duplicate the value, as your distributor will prove.

the **NEW HT-44** Transmitter by *hallicrafters*



Fifth & Kostner Aves., Chicago 24, Ill.

...where the new ideas in communications are born.

Export: Hallicrafters, International Div. Canada: Gould Sales Co., Montreal, P.Q.

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EARL E. CLINE, W4PPZ
THOMAS M. STEVENS, W6KAA
LARRY J. BATON, W6YI
ALLEN D. GUNSTON, W8GQ
EMIL SIMON
ROBERT A. CAMPBELL, VE3XL
MORTIMER O. SMITH, W6HSC

OUR COVER PICTURE

ROLAND BOURNE, W1ANA ONE OF THE FOUNDERS OF OOTC. CURATOR OF THE A.R.R.L. WIRELESS MUSEUM. AS HUBERT INGALLS, W1NQG, HONORABLE FOUNDER OF THE O.O.T.C. STATES IT: "DURING THE FALL OF 1947 I PUT THE PROPOSITION UP TO IRVING VERMILYA, W1ZE, AND ROLAND BOURNE, W1ANA. BETWEEN THE THREE OF US WE WHIPPED UP THE CONSTITUTION. I MADE IRVING, PRESIDENT; ROLAND, VICE PRESIDENT; AND TOOK THE JOB OF SECRETARY FOR MYSELF." AND THUS WAS FOUNDED THE OLD OLD TIMERS CLUB.

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EDITOR'S OPINION:

THE PASSING TO SILENT KEY OF EARL E. CLINE, W4PPZ, LEAVES A TERRIFIC HOLE IN THE OOTC ORGANIZATION. AS SECRETARY-TREASURER, AS PRESIDENT OF OOTC, HE SERVED THE CLUB LONG AND FAITHFULLY. I DON'T THINK ANYONE REALIZED THE AMOUNT OF THOUGHT HE WAS GIVING THE ORGANIZATION, AND THE AMOUNT OF WORK HE WAS DOING FOR IT. IT WAS PRACTICALLY A FULL TIME JOB THE WAY HE DID IT.

FOR THIS ISSUE AT LEAST I HAVE ASSUMED THE EDITORSHIP. FOR ABOUT TWO YEARS, PLANNING AGAINST JUST SUCH A SITUATION AS FACES US NOW, CLINE AND I TRIED, UNSUCCESSFULLY, TO GET SOME HELP WITH "SPARK-GAP TIMES." SO NOW, ONCE AGAIN, WE ARE ASKING THE MEMBERS OF OOTC IF ANYONE OF YOU WOULD CARE TO ASSUME THE RESPONSIBILITY FOR EDITING AND PUBLISHING "SPARK-GAP TIMES," THE WAY CLINE DID IT?

I AM ASSUMING, OF COURSE, THAT THE MEMBERSHIP HAS FELT THE TOUCH OF THE JOURNAL AND WANT TO PERPETUATE IT. STRAIGHTEN ME OUT IF I'M MISTAKEN IN THIS ASSUMPTION.

THERE ARE SOME WAYS THAT THE JOURNAL CAN BE PUBLISHED BUT THEY INVOLVE SOME CHANGES. FOR EXAMPLE, I HAD IN MIND IMPROVING THE MAKE-UP OF IT SO THAT IT WOULD BE ATTRACTIVE TO ADVERTISERS. WITH ITS SOMEWHAT LIMITED CIRCULATION IT WOULD NOT BE TOO ATTRACTIVE TO THE ADVERTISERS AT FIRST. I VISUALIZED A COVER AND SENT IT UP TO ROB-ROY, W8HR, IN CANTON, OHIO. ROB-ROY HAS BEEN MAKING BEAUTIFUL HALF-TONES FOR THE LAST THREE ISSUES OF "SPARK-GAP TIMES." THIS IS A SIZEABLE CONTRIBUTION ON ROBIE'S PART WHICH HE HAS MADE OUT OF THE GOODNESS OF HIS HEART. IT SEEMS TO ME WE SHOULD BE PAYING ROBIE AT LEAST HIS COST OF PRODUCING THE HALF-TONES; IF NOT PAYING HIM COMMERCIAL PRICES FOR THE WORK. THE SAME WITH THE COVER WHICH I VISUALIZED WITH THE OLD MAST-HEAD IN TWO COLORS ON SOME HEAVIER COLORED STOCK WITH THE LOWER TWO-THIRDS OF THE COVER CARRYING A PICTURE WHICH WOULD BE CHANGED WITH EACH ISSUE.

SOME REARRANGEMENT OF THE INSIDES MIGHT BE DONE WITH A CONTENTS PAGE, ETC. BILL HALLIGAN, CHAIRMAN OF THE BOARD OF HALLICRAFTERS HAS AGREED TO "CONTRIBUTE" FIFTY DOLLARS FOR A PAGE AD IN OUR JOURNAL. SOME MORE ADVERTISERS MAY BE SECURED BUT FOR A WHILE AT LEAST THE JOURNAL WILL NOT BE TOO ATTRACTIVE AS AN ADVERTISING MEDIUM. AS THE MEMBERSHIP INCREASES IT WILL BECOME INCREASINGLY ATTRACTIVE. THE COST OF PRODUCING AND MAILING AN ISSUE OF "SPARK-GAP TIMES" WITH THE IMPROVED FORMAT WOULD APPROXIMATE \$200.00. ANYONE WHO KNOWS ANYTHING ABOUT THE COST OF PRINTING WILL SAY THIS IS DIRT CHEAP FOR POSSIBLY 600 COPIES, OR \$1200.00 FOR 6 ISSUES IN ONE YEAR.

PROBABLY 10% OF OUR MEMBERS, AS PAUL WATSON, W3B0 ESTIMATES, HAVE A BELOW NORMAL INCOME, EMPLOYED OR RETIRED AND ACTUALLY SHOULD NOT SPEND MONEY ON AMATEUR RADIO. WE WOULD SET A PRICE OF \$2.00 PER YEAR FOR A SUBSCRIPTION, SEND THE JOURNAL TO ALL MEMBERS, AND THOSE WHO WERE ABLE TO RESPOND WITH PAYMENTS WOULD DO SO. THEN OF COURSE THE ADVERTISING WOULD PROVIDE SOME INCOME WHICH WOULD DEFRAY THE COST OF PUBLICATION. THIS DOESN'T PROVIDE ANY RESERVE FUND FOR OOTC WHICH IF BUILT UP AS PAUL WATSON SUGGESTS, "COULD BE USED TO PUBLISH A LOT OF MISCELLANEOUS PAMPHLETS, CALL BOOKS, ROSTERS, BLUEBOOK REVISIONS WHICH COULD BE PASSED ALONG TO THE MEMBERSHIP GRATIS. IN OTHER WORDS LET'S SET UP DUES SO THAT EVENTUALLY THE INCOME FROM ADVERTISING WOULD BE 'GRAVY' FOR A RAINY DAY. OTHERWISE THE ACTUAL FUTURE OF SGT/OOTC IS NOT SECURE, OR EVEN DEFINITELY DEFINED, FOR IT BECOMES PROVISIONAL ON THE SECURING OF THE CONTINUED SUPPORT OF OTHERS."

(A) THE GENERAL PLAN THAT PAUL SUGGESTS IS AS FOLLOWS: AS OF A CERTAIN DATE, SAY JUNE 1, 1964, ALL NEW MEMBERS WOULD PAY DUES UNTIL THEIR 50TH YEAR IN RADIO AT WHICH TIME THEY WOULD BE AWARDED "LIFE MEMBERSHIP" AND STOP PAYING DUES. ANNUAL DUES TO BE COMPUTED BY TAKING THE TOTAL COST OF ALL THE CLUB'S OPERATIONS BREAK THIS DOWN TO COST PER MEMBER,

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EDITOR'S OPINION CONTINUED

DOUBLE THIS COST PER MEMBER TO THE NEAREST EVEN FIGURE, AND CHARGE THIS FOR ANNUAL DUES. THE DOUBLING BEING NECESSARY TO CARRY THOSE TO WHOM "LIFE MEMBERSHIP" HAD BEEN AWARDED.

(B) HE SUGGESTS AN ALTERNATIVE PLAN TO CONTINUE THE ALL MEMBER "LIFE MEMBERSHIP" ARRANGEMENT, AND RAISE THE FIXED FEE TO WHAT EVER MIGHT BE NECESSARY TO CARRY EVERYTHING, INCLUDING THE SGT COST AND MAILING FOR ALL NEW MEMBERS.

UNDER "PLAN A" - I EXPECT THE ANNUAL DUES WOULD HAVE TO BE AT LEAST (\$2.50 DOUBLED) OR \$5.00..

UNDER "PLAN B" - THE APPLICATION FOR MEMBERSHIP FEE WOULD HAVE TO BE RAISED AT LEAST \$5.00 AND MAYBE \$10.00 WHICH MIGHT BE PROHIBITIVE.

IT SEEMS TO ME THAT A LESS DISRUPTING PLAN MIGHT BE TO CHARGE A SUBSCRIPTION PRICE OF \$2.00 OR \$2.50 FOR SGT TO ALL MEMBERS AND THOSE WHO CAN PAY, DO SO, AND THOSE WHO CAN'T SO INFORM THE SECRETARY-TREASURER. WE WOULD PROBABLY REALIZE AROUND \$1000 A YEAR THUSLY.

PERHAPS SOMEONE HAS A BETTER IDEA ABOUT OUR FINANCES AND THE THOUGHTS EXPRESSED ABOVE WILL BRING IT OUT. A SOLUTION HAS TO BE FOUND IN THE NEXT SIXTY DAYS SO DROP US A LINE AND GIVE US YOUR IDEAS.

OUR NEW ASSISTANT SECRETARY, WALLACE LELAND, W2WL, IS DOING A FINE JOB. HIS FIRST JOB IS THE MAILING OF THE ROSTER FOR 1964 TO ALL HANDS. THIS INVOLVES A LOT OF WORK AND WE HOPE EVERYTHING GOES FINE WITH HIM.

THIS IS THE 50TH ANNIVERSARY OF THE A.R.R.L. CONGRATULATIONS TO ALL THE OFFICERS AT HEADQUARTERS. THE A.R.R.L. AND THE MEMBERS OF OOTC GREW UP TOGETHER AND WE HAVE ONLY GOOD WISHES FOR THEIR BRIGHT FUTURE. MAY THEY FLOURISH FOR MANY, MANY MORE YEARS.

BERT, W4MF

* * * * *

CONCERNING THE 1964 ROSTERS

NO DOUBT ALL THE MEMBERS OF OOTC WILL HAVE RECEIVED THEIR COPY OF THE ROSTER BY THE TIME THIS ISSUE OF SGT REACHES THEM. IN THE CONFUSION CAUSED BY THE CHANGE OF OFFICES SOME MEMBER MAY HAVE BEEN OVERLOOKED AND WILL NOT RECEIVE A COPY. WALLY, W2WL, OUR NEW ASSISTANT SECRETARY SAYS THAT IF ANY MEMBER DOES NOT RECEIVE A COPY TO LET HIM KNOW AND HE WILL FORWARD ONE.

* * * * *

CONCERNING THE BLUEBOOK SUPPLEMENTS

YOUR EDITOR WAS BUSILY ENGAGED IN THE PREPARATION OF THE 1964 SUPPLEMENT WHEN HE WAS INTERRUPTED IN DECEMBER. THE FOREIGN MEMBERS AND THE FIRST DISTRICT NEW MEMBERS HAVE ALL BEEN WRITTEN UP AND THEIR PICTURES, OF WHICH WE HAD ABOUT 50, WERE SENT UP TO ROBB-ROY, W8HR, TO HAVE HALF TONES MADE. WHEN THE SHEETS WILL BE PRINTED AND GO OUT IS ANYBODY'S GUESS WITH SPARK-GAP TIMES ON OUR BACK. WE'LL DO THE BEST WE CAN AND GET THEM TO YOU SOON — WE HOPE. DOES ANYONE WANT TO BE BLUEBOOK EDITOR?

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EQUIPMENT ON HAND AS OF JANUARY 1, 1964

OFFICE OF PRESIDENT: C. BERT OSBORNE, W4MF

	ASSETS	LIABILITIES
1 ROYAL ELECTRIC TYPEWRITER — COST VALUE (\$35.00 TRADE IN AND \$172.89 CASH)	\$ 207.89	
1 HOMEMADE EXPOSURE FRAME FOR DEV. METAL MASTERS	50.00	
1 HOMEMADE SHADOW BOX	40.00	
1 HOMEMADE PAPER JOUNCER	35.00	
1 4-DRAWER FILING CABINET	44.29	
SUPPLIES (ESTIMATED) \$60.00 USABLE	0.00	
1 #750 OFF SET PRESS — COST VALUE (\$1192.32 PLUS \$35.77 TAX PLUS \$101.11 FINANCE) (TIME PAYMENTS 23 @ \$43.20 & 1 @ \$34.43) (PAID TO JANUARY 1ST — \$604.57) (BALANCE DUE IN TIME PAYMENTS — \$724.63)	1329.20	\$724.63

* * * * *

OFFICE OF SECRETARY-TREASURER: EARL C. WILLIAMS, W2EG

1 3-HOLE PUNCH — COST VALUE	14.95	
1 STAPLES — COST VALUE	12.00	
210 BLUEBOOK BINDERS @ \$1.28 COST EACH — (COST VALUE \$268.80) — SALABLE VALUE @ \$3.00	630.00	
ABOUT 100 REPRODUCTIONS OF CALL BOOKS — SALABLE VALUE	200.00	
75 GOLD LAPEL PINS @ 98¢ COST (\$73.50) NOT SALABLE (GIVEN FREE TO ALL NEW MEMBERS)	0.00	
ABOUT 40 PKGS (250) BLUE STICKERS — SALABLE @ \$1.00	40.00	
ABOUT 75 PKGS (250) GOLD STICKERS — SALABLE @ \$1.00	75.00	
ABOUT 35 BLUEBOOK FILLERS (FURNISHED WITH BINDER)	0.00	
MISCELLANEOUS STATIONARY ON HAND — VALUE (?)	0.00	

* * * * *

OFFICE OF ASSISTANT SECRETARY: WALLACE H. LELAND, W2WL

1 ADDRESSOGRAPH MACHINE	150.00	
ABOUT 400 PLATES @ 15¢	60.00	
	<u>\$2888.33</u>	

* * * * *

CASH ON HAND IN BANK	652.19	
TOTAL ASSETS	<u>\$3540.52</u>	
TOTAL LIABILITIES		\$724.63

NOTE: CASH ON HAND IN BANK WAS ABOUT \$250.00 AS OF FEBRUARY 1, 1964.

* * * * *

WHEN YOU LEND A FRIEND FIVE BUCKS AND NEVER SEE HIM AGAIN, IT'S WORTH IT.

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THE ETERNAL QUESTION

BY

HARTLAND WILDER VE2SF

WHICH WILL IT BE,
C.W., A.M. OR S.S.B?
WE OLD CODGERS,
ARE CERTAINLY DODGERS.

WE KNOW PERFECTLY WELL,
WHAT THE FUTURE WILL FORETELL,
BUT WE FIGHT LIKE HELL.

IN THE C.W., A.M. CHANGE OVER,
WE WERE ALL IN CLOVER.

WE COULD SEE THE ADVANTAGE,
FOR NOW WE COULD BANDAGE,
OUR OVERWORKED ARM,
AND KNEW IT WOULD SUFFER NO MORE HARM.

THIS WAS A BLESSING,
FOR WE WERE CERTAINLY NOT PAST CONFESSING,
THAT OUR OLD FIST,
WAS GETTING TIRED AT THE WRIST.

OUT OF CHOICE,
WE COULD NOW USE OUR VOICE.
THE DX THRILL,
NO LONGER FILLS THE BILL.

MAY BE BECAUSE IT REQUIRES TOO MUCH SKILL,
WE GET OUR ENJOYMENT,
WITHOUT DISAPPOINTMENT,
AND AS A MATTER OF FACT,
ITS THE CLOSE IN CONTACT,
THAT DOES ATTRACT US.

WE KNOW WHAT YOU TELL US,
AND MANY TIMES HAVE HEARD YOU DISCUSS,
THE ADVANTAGE OF S.S.B.
FOR AGAIN WE DO NOT NEED TO USE THE KEY,
BUT WE STILL HAVE OUR DOUBT,
AND THINK IT IS NO KNOCKOUT.

WITH OUR OLD FASHIONED RECEIVER,
WE ARE A COMPLETE UNBELIEVER,
BUT WE CAN TUNE IT IN,
NO MATTER IF IT IS AS SHARP AS A PIN,
WHICH IS NOT ALWAYS THE CASE,
AND YOU HAVE TO BACK-FACE.

WE TURN DOWN OUR R.F. GAIN,
WHICH GIVES US A PAIN,
FOR THEN OUR A.V.C.
WO'DN'T WORK PROPERLY.

WE KNOW WE MUST TURN ON OUR B.F.O.
AND THIS WE DO LIKE A PRO.,
WE KNOW THE SETTING OF OUR PITCH CONTROL,
AND THIS IS NO RIGMOROLE,
BUT OUR NET RESULT,
IS REALLY AN INSULT,
FOR OLD DONALD DUCK COMES THROUGH,
NO MATTER WHAT WE DO.

WE MAY BECOME ONE OF THE MANY MILLION,
WHO HAVE ALREADY CHANGED THEIR OPINION,
BUT AT PRESENT PLEASE LEAVE US ALONE,
WITH OUR A.M. PHONE.

PERHAPS I SHOULD GET SOME YOUNG CHAP,
TO SIT IN MY LAP,
AND HAVE A GLASS OF ALE,
AND GO INTO MORE DETAIL,
HOWEVER I REALLY KNOW THE ANSWER,
WHICH I FIGHT LIKE CANCER.

IT WILL BE NECESSARY TO BUY A NEW RECEIVER
TO BECOME A BELIEVER.

IF SOME OF YOU GUYS,
ARE AT ALL WISE,
YOU MIGHT ANSWER MY PLEA,
IN THE SAME HARMONY.

CITY DRIVER: "JOE YOU'VE HAD TOO MUCH TO DRINK TO DRIVE YOUR CAR HOME. WHY DON'T YOU TAKE A BUS?" DIESEL MECHANIC: "THAT'S A GOOD IDEA, SAM. THINK IT'LL FIT IN MY GARAGE?"

THE MODERN PARENT HAS TO SPARE THE ROD----SO JUNIOR CAN RIDE AROUND IN IT!

BILL: DO YOU KEEP STATIONARY? CUTE CLERK: UP TO A POINT, THEN I GO ALL TO PIECES.

WOMEN CAN KEEP SECRETS JUST AS WELL AS MEN---IT JUST TAKES MORE OF THEM.

EDITOR'S NOTE: CHAPTER VI OF THE RID STORY BY GEORGE E. STERLING, FORMER CHIEF ENGINEER OF THE FCC, AND ASSISTANT CHIEF FIELD DIVISION RADIO INTELLIGENCE DIVISION WW2 FOLLOWS. IN THIS CHAPTER GEORGE TELLS OF TWO INTERESTING CASES WHICH TOOK PLACE DURING WW2. EVERYONE THRILLS TO A TALE OF ESPIONAGE AND THESE TWO EXCITING CASES WILL HAVE YOU SITTING ON THE EDGE OF YOUR CHAIRS. THANK YOU, GEORGE, FOR LETTING S.G.T. HAVE THESE EXCITING STORIES.

CHAPTER VI THE RID STORY TWO INTERESTING CASES

ANOTHER EMBASSY CASE

THE DETECTION OF THE CLANDESTINE TRANSMITTER IN THE GERMANY EMBASSY IMMEDIATELY AFTER PEARL HARBOR WAS NOT THE ONLY TRANSMITTER RID LOCATED IN AN EMBASSY IN WASHINGTON DURING WORLD WAR II.

ON AUGUST 27, 1942, A STATION TRANSMITTING THE CALL LETTERS VS ON 11020 KILOCYCLES WAS INTERCEPTED BY OUR PRIMARY MONITORING STATION AT SANTA ANA, CALIFORNIA. DIRECTION FINDING BEARINGS OBTAINED FROM OUR STATIONS AT LAUREL, MD.; KINGSVILLE, TEXAS; PORTLAND, OREGON; AND ALLEGANS, MICHIGAN, PRODUCED A FIX BRACKETING THE DISTRICT OF COLUMBIA.

HAVING DETERMINED THAT THIS UNKNOWN STATION USING A TWO LETTER CALL WAS IN THE DISTRICT OF COLUMBIA MOBILE UNITS WERE ASSIGNED TO THE CASE AND LOOP DIRECTION-FINDING BEARINGS PLACED THE TRANSMITTER AT THE SOUTHWEST CORNER OF 16TH AND FULLER STREETS, N.W. THIS TIME IT WAS THE POLISH EMBASSY SO THE STATE DEPARTMENT AND FBI WERE NOTIFIED. IN THE MEANTIME THE OPERATOR OF THE STATION ESTABLISHED COMMUNICATIONS WHICH RID LOCATED AS BEING A CLANDESTINE TRANSMITTER NET OPERATED BY THE POLISH GOVERNMENT IN EXILE IN LONDON AND MONTEVIDEO, URUGUAY. IT IS INTERESTING TO NOTE THAT BEARINGS TAKEN IN HAWAII AND PUERTO RICO COMBINED WITH THOSE TAKEN FROM OUR STATESIDE STATIONS HELPED TO CONFIRM THE LOCATION OF THESE THREE STATIONS.

WE WERE CONCERNED ABOUT THE OPERATIONS OF THIS TRANSMITTER IN THE POLISH EMBASSY SINCE WHILE HAVING IT UNDER SURVEILLANCE A MESSAGE WAS TRANSMITTED IN ENGLISH ADVISING ABOUT THE WEATHER IN THE DISTRICT OF COLUMBIA AND VICINITY. THIS TYPE OF INFORMATION WAS IN VIOLATION OF OUR CENSORSHIP REGULATIONS. SOON AFTER THE TRANSMISSION OF THIS TYPE OF INFORMATION THE STATION WAS SILENCED BY OUR GOVERNMENT.

THE TRANSMISSION OF WEATHER INFORMATION IN THE UNITED STATES COULD HAVE BEEN OF VALUABLE ASSISTANCE TO THE NAZI HIGH COMMAND IN THE EVENT THEY WERE PLANNING TO STRIKE THE UNITED STATES BY AN AIR ATTACK.

RID HAD AT THIS TIME LOCATED TWO NAZI WEATHER STATIONS AS CLOSE TO OUR CONTINENT AS GREENLAND WHICH THE COAST GUARD SUBSEQUENTLY DESTROYED.

A CANADIAN CASE

AT ONE PHASE OF THE WAR AN INTERCEPT WAS MADE OF A SIGNAL HAVING MUCH OF THE CHARACTERISTICS OF THE NAZI ESPIONAGE SYSTEM. A NATION-WIDE ALERT BROUGHT IN BEARINGS THAT PRODUCED AND WIDELY AND SOMEWHAT ERRATIC FIX EMBRACING APART OF NORTHERN NEW YORK STATE AND CANADA. AT THAT TIME PROPAGATION CHARACTERISTICS WERE VERY TURBULENT. WE IMPLORED THE MONITORING STATIONS FOR BEARINGS BUT SOME DAYS PRODUCED NONE. WE WERE UNABLE TO MAKE ANY DETERMINATION AS TO WHETHER THE TRANSMITTER WAS IN THE UNITED STATES OR CANADA.

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A CANADIAN CASE (CONTINUED)

IT MUST BE REMEMBERED THAT HIGH FREQUENCY DIRECTION-FINDING IS NOT AN EXACT SCIENCE AND THE BEST IT CAN DO IS TO GIVE A DIRECTION OF THE ARRIVAL OF THE RADIO SIGNAL WHICH MIGHT BE DIVERTED FROM ITS TRUE COURSE BY PROPAGATION TURBULENCE OR SITE ERRORS. IN THE MEAN-TIME I HAD DISPATCHED THREE MOBILE UNITS HOPING THAT THEY COULD GET WITHIN THE GROUND WAVE OF THE SIGNAL, WHICH IS A SMALL AREA AT THE FREQUENCY THE STATION WAS OPERATING ON, AND THUS WITH LOOP DIRECTION FINDERS PINPOINT THE TRANSMITTER. AFTER SEVERAL UNRESTFUL DAYS AND NIGHTS PROPAGATION BECAME STABLE AND A FIX OF SUFFICIENT ACCURACY WAS OBTAINED TO CONVINCE ME THAT THE TRANSMITTER WAS IN OR NEAR MONTREAL. I IMMEDIATELY TELEPHONED MY COUNTERPART OF THE ROYAL CANADIAN SIGNAL CORP, COLONEL DRAKE, AND INFORMED HIM OF OUR CONCLUSIONS.

A FEW DAYS LATER HE INFORMED ME THAT WE HAD DONE MUCH TO PERMIT HIM TO SAVE FACE. THE STORY WAS THAT A GERMAN SUBMARINE HAD LANDED A SPY IN THE ST. LAWRENCE RIVER. HE WAS QUICKLY APPREHENDED BY THE CANADIAN MOUNTED POLICE. THEY, LIKE THE FBI IN THE UNITED STATES, WERE RESPONSIBLE FOR ACTS OF ESPIONAGE AND SABOTAGE.

ACCORDINGLY THEY HAD SET UP THE TRANSMITTER BY THE GERMAN AGENT AND WERE ATTEMPTING TO USE IT AS A COUNTER-ESPIONAGE OPERATION, SIMILAR TO THE FBI CASE ON LONG ISLAND WHICH I HAVE PREVIOUSLY NARRATED. SO COLONEL DRAKE'S CREW WENT TO WORK AND QUICKLY LOCATED THE TRANSMITTER AND HE IN TURN EXPRESSED GRATITUDE TO RID SINCE IT WAS UNNECESSARY FOR HIM TO DISCLOSE HOW HE HAD FIRST HEARD ABOUT THE OPERATION OF THE STATION.

* * * * *

* NOTICE TO MEMBERS OF OOTC ABOUT A SUBSCRIPTION *

* PRICE OF TWO FIFTY \$2.50 FOR SPARK - GAP TIMES. *

* BEGINNING WITH THIS ISSUE THE MEMBERS OF OOTC *

* WILL BE BILLED \$2.50 PER YEAR FOR SIX ISSUES, *

* OR ONE YEAR OF "SPARK-GAP TIMES". IF A MEMBER *

* IS UNABLE TO PAY THE \$2.50, HE WILL RECEIVE *

* "SPARK - GAP TIMES" JUST THE SAME. JUST RETURN *

* THE INVOICE TO THE SEC'Y-TREAS WITH A NOTATION *

* ON IT—"UNABLE TO PAY." IF YOU ARE ABLE TO PAY *

* —PLEASE DO SO. THIS PRICE CHANGE IS BROUGHT *

* ABOUT BY THE FACT THAT WE NO LONGER HAVE THE *

* FREE SERVICES OF "YE OLDE COPPYE BOYE". *

* * * * *

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THE PHOTOGRAPH ABOVE IS THAT OF THE U.S.S. NOKOMIS, A PRIVATE YACHT BEFORE BEING TAKEN OVER BY THE NAVY, BELONGING TO HORACE DODGE OF DETROIT (DODGE CARS). SHE WAS FITTED OUT AS A SUB-CHASER AND BECAME A MEMBER OF THE SUICIDE FLEET DEPLOYED IN THE BAY OF BISCAY EARLY IN WORLD WAR I. LATER THE YACHTS OF THIS "FLEET" WERE REPLACED BY THE 110 FOOT SUB-CHASERS. THE (THEN LIEUT. CHARLES M. KELLY, JR., USNRF) SERVED ABOARD HER AS DIVISION RADIO OFFICER. THIS PICTURE AND THE ONE ON THE FOLLOWING PAGE WERE SENT IN TO SPARK-GAP TIMES AT THE SUGGESTION OF ED RASER W2Z1, OOTC HISTORIAN, WHO "BLEW UP" THE ORIGINAL PHOTOGRAPHS. ROB-ROY, W8HR, OUR PHOTOLITHOGRAPHER IN CANTON, OHIO, MADE THE NEGATIVE HALF-TONES. CAPTAIN KELLY, K1GAD, NAVY MARS ~~N0AWU~~/N1CDL, IS A VALUED MEMBER OF THE OOTC.

* * * * *

THE NOVICE NEWSPAPER COPYWRITER PROBABLY HAD THE RIGHT IDEA WHEN HE TYPED UP THE REPORT ON A PROPOSED TAX INCREASE. THE STORY, WHICH WAS SUPPOSED TO HAVE READ: "THE PROPOSED COUNTY TAX RATE INCREASE WAS CALCULATED WITH A SLIDE RULE," APPEARED IN PRINT LIKE THIS. "THE PROPOSED COUNTY TAX RATE INCREASE WAS CALCULATED WITH A SLY DROOL!"

ONE SPECULATOR, WHEN ASKED HIS VIEW OF THE SITUATION, OBSERVED, "I'M NEITHER A BULL NOR A BEAR AT PRESENT, JUST CHICKEN."

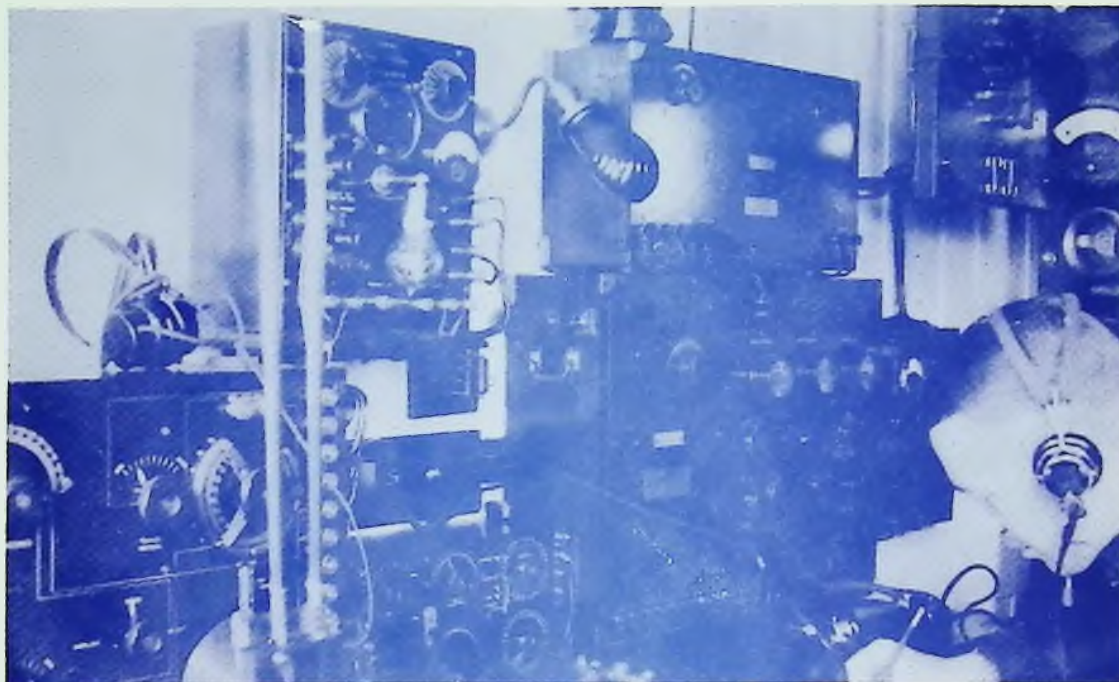
WORRIED SPOUSE: "YOU'VE JUST GOT TO CUT DOWN ON THE DRINKING, SAM. FIVE DOCTORS HAVE TOLD YOU IT'S BAD FOR YOU . . . AND THEY OUGHT TO KNOW."

HAPPY-GO-LUCKY HUBBY: "YEACH, BUT DO THEY KNOW? YOU SEE A LOT MORE OLD DRUNKS THAN OLD DOCTORS!"

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THIS PHOTOGRAPH SHOWS CAPTAIN CHARLES M. KELLY, JR. USNR (RET), THEN (LIEUT. CHAS. KELLY) IN 1917 STANDING WATCH AS DIVISION RADIO OFFICER, IN THE RADIO ROOM OF THE U.S.S. NOKOMIS. HIS CALL WAS "DO." REFERRING TO THE PICTURE:

EXTREME LEFT - CN239 LONG WAVE RECEIVER.

CENTER - CN113 MEDIUM WAVE RECEIVER WITH A DeFOREST DETECTOR PANEL ABOVE IT.

ON THE TABLE - CW-936, WE RADIO TELEPHONE SET WITH REMOTE AMPLIFIER ON BULKHEAD ABOVE.

EXTREME RIGHT - WIRELESS SPECIALTY CO., 1 KW, 500 CYCLE, QUENCHED SPARK TRANSMITTER.

FOREGROUND - WAVE CHANGER WHEEL OF WIRELESS SPECIALTY CO. WESTERN ELECTRIC TYPE 509 CANS ON OPERATOR.

THE NOKOMIS WAS ASSIGNED AS FLAGSHIP FOR COMBAT DIV. 3 AND LIEUT. KELLY WAS ADMIRAL'S AIDE (FLAG LIEUT.) AND DIVISION RADIO OFFICER. HE LIVED ABOARD THIS PALATIAL YACHT FOR SEVERAL MONTHS AND HAD IN HIS BATHROOM HOT AND COLD FRESH WATER AND SEA WATER TO BATHE IN.

(HOW ABOUT IT WINQ, DOES OUR PICTURES OF THE NOKOMIS BRING BACK MEMORIES?)

* * * * *

TANKER DRIVER: "WHAT THE HECK'S WRONG WITH THESE EGGS?"

WAITRESS: "DON'T ASK ME, MAC. I ONLY LAID THE TABLE!"

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ANDREW L. SHAFER, W8TE - WIRELESS PIONEER



BOTH THE "NEW CARLISLE SUN" AND THE "DESC ELECTRON" TOOK DUE NOTE IN NOVEMBER 1963 OF THE RETIREMENT OF ANDY SHAFER, W8TE. BOTH PAPERS SHOWED THE PICTURE ABOVE. ANDY, WHO ATTENDED MIAMI AND OHIO STATE UNIVERSITIES WAS EMPLOYED IN THE DIRECTORATE OF TECHNICAL OPERATIONS, DEFENSE ELECTRONIC SUPPLY CENTER, DAYTON, OHIO. ANDY WAS INTRODUCED TO "WIRELESS" IN 1911. HIS PIONEERING DURING THE INDUSTRY'S DEVELOPMENT LED TO A JOB IN 1917 WITH THE MARCONI CO., AS A COMMERCIAL WIRELESS OPERATOR ABOARD MERCHANT MARINE AND SHIPPING VESSELS. HE LOGGED SOME 500,000 MILES AT SEA ON VOYAGES TO EUROPE, SOUTH AND CENTRAL AMERICA, AND ON THE GREAT LAKES. HE MADE HIS LAST VOYAGE IN 1922. SINCE THEN HE HAS BEEN CHIEF COST ACCOUNTANT FOR A STOVE MANUFACTURER IN NEWARK, OHIO, AND INTERNAL AUDITOR FOR A TOOL CO., IN PIQUA. ANDY WENT TO WORK FOR DESC IN 1942. AS HIS FIRST PROJECT OF HIS RETIREMENT ANDY IS PLANNING TO RECONSTRUCT A TRUE TO LIFE MODEL OF HIS 1911 SPARK TRANSMITTER AND RECEIVER. (MAKE SURE THE DECREMENT OF THAT SPARK TRANSMITTER IS UNDER .2 ANDY!)

* * * * *

A FORMATION OF BIRDS WAS FLYING SOUTH FOR THE WINTER AND ONE BIRD NEAR THE REAR ASKED ANOTHER, "HOW COME WE ALWAYS FOLLOW THAT SAME IDIOT LEADER?" THE OTHER REPLIED, "HE'S GOT THE MAP."



THE STORY OF HOWARD SEEFRED W6EA

FIFTY-FIVE YEARS AGO THIS MONTH OF SEPTEMBER IN 1908, I STARTED 'HAM' WIRELESS WITH CARBON AND NEEDLE DETECTOR ON ONE WIRE AERIAL USING BIG AUTO DRY BATTERY AND BIG TELEPHONE RECEIVER IN LOS ANGELES. HEARD STATION "G" OF PACIFIC TELEGRAPH COMPANY FOUR BLOCKS AWAY. I WAS A SCHOOL BOY AGE 14, AND LATER I COULD CLIMB UP BIG PEPPER TREE IN OUR YARD AND READ THE MORSE CODE SIGNALS FROM THEIR 14-INCH SPARK ON 2 KW OPEN CORE TRANSFORMER COIL IN OPEN WINDOW OF STATION WHEN THEY SENT COMMERCIAL MESSAGES 60 MILES TO "A" (STATION AT AVALON) FOR TOURISTS ON CATALINA ISLAND IN THE PACIFIC OCEAN.

I THEN MADE A SINGLE SLIDE TUNER AND IRON PYRITES DETECTOR. HEARD "TM" (NOW NPL) AT POINT LOMA, NEAR SAN DIEGO, 100 MILES SOUTH OF LOS ANGELES, WITH 75 OHM WATCH CASE RECEIVER. ALL HOME MADE FROM "MODERN ELECTRIC" MAGAZINE.

AERIAL WAS FOUR WIRES THIRTY FEET LONG AND TWENTY-FIVE FEET HIGH. IN 1910 MY SENDING SET WAS THREE-QUARTER INCH AUTO SPARK COIL AND DRY BATTERIES. WORKED TEN MILES TO PASADENA WITH CALL LETTERS "KM".

I WORKED NEARLY SIXTY STATIONS AROUND IN THE CITY INCLUDING COMMERCIAL STATIONS "G" MASSIE WIRELESS "LA2"; DEFORREST STATION "RLA" AND EXAMINER NEWSPAPER "EX" STATION. I MADE A QUARTER KILOWATT SPARK TRANSFORMER, HELIX, GLASS-TINFOIL CONDENSER AND STRAIGHT GAP.

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THE STORY OF HOWARD SEEFRED W6EA (CONTINUED)

WITH THIS I WORKED THIRTY MILES TO SANTA ANA. WITH HOME MADE ONE-HALF KILOWATT TRANSFORMER AND ROTARY SPARK GAP, FIRST LONG DISTANCE AMATEUR STATION "KH" AT HIGH SCHOOL IN BAKERSFIELD, 100 MILES AWAY; NORTH OF LOS ANGELES, WAS WORKED WITH CALL LETTERS "CFS".

I ALSO WORKED NPL, NAVY WIRELESS STATION NEAR SAN DIEGO. HEARD LONG DISTANCE AMATEUR STATIONS "SAG" (OAKLAND), "SAZ" (SAN JOSE), "SJB" (PALO ALTO), "DO" (HOLLISTER), "PH1" (BURLINGAME), "PH2" (SANTA CRUZ), AND "PH3" (PACIFIC GROVE) IN CALIFORNIA. ALSO HEARD NAA (ARLINGTON, VA.), NAR (KEY WEST, FLA.) AND "HU" (HONOLULU) QUITE OFTEN ON HOME BUILT GALENA DETECTOR, LOOSE COUPLER, AND 2000 OHM BRANDES RECEIVERS.

73,

W6EA HOWARD SEEFRED

* * * * *

THE LATIN AMERICAN PAGE

FEDERACION ARGENTINA DE RADIOAFICIONADOS

CONFORME A LA CONVOCATORIA DE LA COMISION PROVISORIA DE LA FARA, SE REALIZÓ DURANTE LOS DIAS 26 Y 27 DE OCTUBRE LA PRIMERA ASAMBLEA GENERAL ORDINARIA, QUE ADEMÁS FUÉ CONSTITUTIVA COMO ENTIDAD JURIDICA BAJO EL IMPERIO DEL ESTATUTO APROBADO OPORTUNAMENTE POR EL PODER EJECUTIVO. LA PRIMERA COMISION DIRECTIVA ELECTA EN LA ASAMBLEA RESULTÓ COMPUESTA DE LA SIGUIENTE FORMA: PRESIDENTE: FEDERICO GRAUPNER, LU2DJM; VICE: HÉCTOR D. YIMMI, LU9DDS; SECRETARIO: DIONISIO DE MARCOS, LU5RB; PROSECRETARIO: JOSÉ BATAGLIA, LU8EM; TESORERO: ANGEL CARBONE, LU9ADL; PROTESORERO: HÉCTOR BOCCI, LU3PH; VOCALES: EFRAIN BARCENILLA, LU1DOQ; JOSÉ R. BAUDUCCO, LU9UB; MIGUEL CARMONA, LU1DAD; OSCAR DIANTACQ, LU8DMC; VOCAL SUPLENTE: HUMBERTO DEGAETANO GINÉS, LU1FW; REVISOR DE CUENTAS: NICANOR J. AREVALO, LU9AN (MIEMBRO DEL OOTC) Y SUPLENTE: OTTO TOSTICARELLI.

CABE DESTACAR QUE A ESTA ASAMBLEA SE HICIERON PRESENTES REPRESENTANTES DE LAS AUTORIDADES NACIONALES, DE LAS SECRETARIAS DE GUERRA, COMUNICACIONES, FUERZA AEREA ARGENTINA, DIRECCION DE GENDARMERIA NACIONAL, PREFECTURA NACIONAL MARITIMA, DIRECCION DE DEFENSA ANTIAEREA PASIVA, CENTRO ARGENTINO DE TELEVISION Y DELEGADOS DE VEINTE RADIOCLUBES ARGENTINOS.

ESPECIALMENTE INVITADOS CONCURRIERON LAS SIGUIENTES DELEGACIONES DEL EXTERIOR: OLD OLD TIMERS CLUB, FEDERACION URUGUAYA DE RADIOCLUBES Y THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS PRESIDIO LA ASAMBLEA EL CNEL. RICARDO MARAMBIO, LU9BG, ACTUANDO COMO SECRETARIO OTTO TOSTICARELLI LU9FAZ.

LAS PRINCIPALES RESOLUCIONES APROBADAS POR LA ASAMBLEA FUERON LAS SIGUIENTES: CONSIDERAR Y APROBAR EL INFORME DE LA COMISION PROVISORIA Y LA RENDICION DE CUENTAS CORRESPONDIENTE AL EJERCICIO MARZO-OCTUBRE DE 1963, DECLARANDO SU SATISFACCION POR LAS ACTUACIONES CUMPLIDAS. -INCORPORAR DEFINITIVAMENTE EN CALIDAD DE ENTIDADES ADHERIDAS AL CENTRO DE RADIOVETERANOS, R. C. TRES DE FEBRERO Y R. C. SAN NICOLÁS. -REINCORPORAR EN CALIDAD DE ASOCIADAS A LOS RADIOCLUBES CATAMARCA Y NORTE ARGENTINO. -APROBAR PARA EL AÑO 1964 EL PROYECTO DE INVERSIONES 1963 Y FACULTAR A LA C. D. PARA QUE REALICE LAS MODIFICACIONES QUE SEAN NECESARIAS A LOS EFECTOS DE ADAPTARLO A LA ACTUAL ESTRUCTURA DE FARA.-

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THE LATIN AMERICAN PAGE (CONTINUED)

RADIO CLUB ARGENTINO

EL RADIO CLUB ARGENTINO CELEBRÓ SU 42º ANIVERSARIO CON UN BANQUETE REALIZADO EN UN HOTEL CÉNTRICO AL QUE ASISTIERON REPRESENTANTES DE AUTORIDADES NACIONES, DELEGACIONES DE RADIOCLUBES E INVITADOS ESPECIALES. ENTRE ESTOS ÚLTIMOS CABE DESTACAR LA PRESENCIA DEL GENERAL DE DIVISIÓN ESTANISLAO LOPEZ, LU7AB, PRESIDENTE DEL CENTRO DE RADIOVETERANOS Y MIEMBRO DEL OOTC, TAMBIÉN CONOCIDO EN USA POR HABER SIDO EN UN TIEMPO AGREGADO MILITAR A LA EMBAJADA DE LA ARGENTINA. COMPLETARON LA CONCURRENCIA NUMEROSOS RADIOAFICIONADOS.

CENTRO ARGENTINO DE TELEVISION

CON UN VINO DE HONOR REALIZADO EN SU SEDE SOCIAL DE LA CALLE EL MAESTRO 80 DE BUENOS AIRES, CELEBRÓ SE 32º ANIVERSARIO EL CENTRO ARGENTINO DE TELEVISION. CON TAL MOTIVO HUBO UNA INTERESANTE Y CORDIAL REUNIÓN A LA QUE ASISTIERON DISTINGUIDAS PERSONALIDADES DE LA ELECTRONICA Y ALGUNOS INVITADOS ESPECIALES. ENTRE ESTOS ÚLTIMOS SE ENCONTRABA EL REPRESENTANTE DEL OOTC, QUE ASUMIA TAMBIÉN LA REPRESENTACIÓN DEL THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC., SR. AUGUSTO E. OSORIO, LU2AO.

DURANTE LA CEREMONIA EL PRESIDENTE DEL CAT, SR. EGON STRAUSS, EVOCÓ LA TRAYECTORIA DE LA ENTIDAD, SE ENTREGARON DIPLOMAS A SOCIOS VITALICIOS Y A LOS ALUMNOS EGRESADOS.

COOPERATIVA DEL RADIOAFICIONADO LTDA.

LA COOPERATIVA DEL RADIOAFICIONADO, ENTIDAD JURIDICA INTEGRADA POR RADIOAFICIONADOS PARA FACILITAR LA ADQUISICIÓN DE MATERIALES EN ARGENTINA Y EN EL EXTERIOR, FUNDADA EL 29 DE ABRIL DE 1960, REALIZÓ SU ASAMBLEA ANUAL EL 28 DE SEPTIEMBRE ÚLTIMO DURANTE LA QUE SE APROBÓ LA MEMORIA Y BALANCE DEL EJERCICIO DEL 1º DE JULIO DE 1962 AL 30 DE JUNIO DE 1963; SE ELIGIERON LOS MIEMBROS PARA INTEGRAR EL CONSEJO DE ADMINISTRACIÓN QUE PRESIDE EL SR. ANIBAL DELGADO, LU2AI.

* * * * *

OOTC MEMBER JOSEPH G. MULLEN, K4JKR, 101 FERNCLIFF DRIVE, CANTERBURY HILLS, WILLIAMSBURG, VIRGINIA HAS JUST HAD A HARD BOUT WITH THE SAWBONES AND IS RECOVERATING FROM SURGERY. GEORGE STERLING SAYS JOE WOULD ENJOY HEARING FROM YOU MEMBERS. HURRY UP AND GET WELL, JOE, OUR PRAYERS AND BEST WISHES ARE WITH YOU.

* * * * *

TRAFFIC OFFICER: "WHAT'S WRONG WITH YOU MAC? IF YOU SAW THE LADY COMING TOWARDS YOU IN HER CAR, WHY DIDN'T YOU PULL OVER AND GIVE HALF THE ROAD?" PICKUP DRIVER: "I COULDN'T TELL WHICH HALF SHE WANTED."

* * * * *

AN OHIO MAN TOLD POLICE HE TURNED IN A FALSE ALARM BECAUSE HE DIDN'T HAVE A HOME. HE HAS ONE NOW, FOR 30 DAYS.

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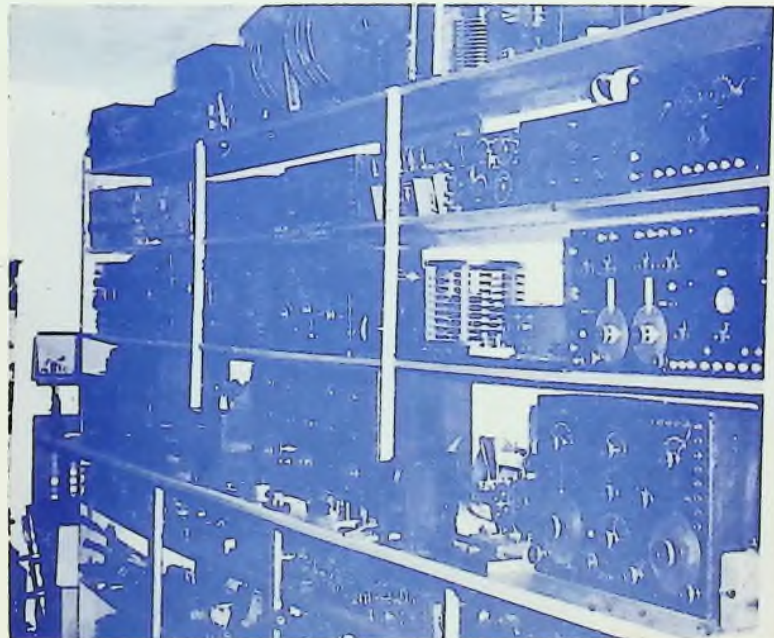
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ED G. RASER, W2Z1 - WIRELESS PIONEER



PHOTO BY W2QY

ED G. RASER, W2Z1, TRENTON, N.J. THIS PICTURE WAS TAKEN AT THE ORIGINAL SITE OF THE FAMOUS OLD GERMAN WIRELESS STATION SLI (LATER WSL) SAYVILLE, L.I., N.Y. ED WAS ON ONE OF HIS "SAFARIS" TO THESE HISTORY MAKING LONG WAVE STATIONS - 1955. (IT SEEMS TO ME I USED TO RECEIVE THIS STATION ON 18,000 METERS AROUND 1915. --EDITOR)



PRIVATE ANTIQUE WIRELESS MUSEUM OF ED. G. RASER, W2Z1, CONSISTING OF EARLY AMATEUR, NAVY AND COMMERCIAL SHIP GEAR, ORIGINAL MARCONI DATING BACK TO 1901. IT INCLUDES SOME 350 ITEMS. MUSEUM IS OPEN TO ALL INTERESTED RADIO PEOPLE. CALL TU-26645 WHEN NEAR TRENTON OR WRITE FOR AN APPOINTMENT, SO ED WILL BE SURE TO BE AT HOME. AMATEUR AND COMMERCIAL OPERATORS HAVE BEEN HERE FROM ALL OVER USA AND CANADA. THE LATCH STRING IS ALWAYS OUT.

ED. G. RASER, W2ZI -- RADIO PIONEER

HERE IS THE STORY OF ONE AMATEUR RADIO OPERATOR WHO HAS REALLY LIVED OVER A HALF CENTURY OF WIRELESS AND RADIO. HIS EARLY INTEREST IN WIRELESS SOON DEVELOPED INTO A LIFETIME OF ACTIVITY WHICH HAS DOMINATED MOST OF HIS WAKING HOURS, PROVIDING A SATISFYING CAREER AS WELL AS REWARDING FRIENDSHIPS AMONG THE AMATEUR FRATERNITY.

EXPERIMENTING WITH COHERER DETECTING DEVICES AS EARLY AS 1908 AT THE AGE OF NINE, ED JOINED UP THE NEXT YEAR WITH HUGO GERNSBACH'S WIRELESS ASSOCIATION OF AMERICA, ONE OF THE EARLIEST WIRELESS CLUBS IN THE WORLD. BY 1910 HE HAD WORKED A DISTANCE OF TEN MILES WITH A QUARTER-INCH SPARK COIL, HOME-MADE TUNER, A PIECE OF SILICON MINERAL AND A 75 OHM TELEPHONE RECEIVER. THE CALL LETTERS WERE THEN "RE" HIS INITIALS REVERSED.

AFTER THE RADIO LAW OF 1912, HE MADE HIS APPEARANCE AT THE PHILADELPHIA NAVY YARD AND TOOK THE EXAMINATION FOR AN AMATEUR FIRST GRADE LICENSE. HE RECALLS THAT THE LICENSE WAS SIGNED BY A LT. S.S. PAYNE, USN, AS THE NAVY WAS THE ONLY GOVERNMENT AGENCY AUTHORIZED TO CONDUCT EXAMINATIONS AT THAT TIME. HIS BRAND NEW CALL LETTERS WERE THEN 3NG. BY 1915 HE WAS WORKING STATIONS 400 MILES AWAY WITH A $\frac{1}{2}$ KW PACKARD TRANSFORMER AND HOME-MADE ROTARY GAP, USING ONLY A GALENA MINERAL DETECTOR, LOOSE COUPLER AND BRANDES PHONES FOR RECEIVING.

THE IMPENDING WAR IN EUROPE PUT AN END TO HIS EXPERIMENTING. SO NOT TO BE COMPLETELY FRUSTRATED, HE ENLISTED IN THE NAVY AS A WIRELESS OPERATOR AND SERVED A THREE YEAR HITCH ABOARD VARIOUS SHIPS AND SHORE STATIONS. DURING THIS PERIOD, WHILE SERVING ON DETACHED DUTY AT THE CAPE MAY NAVAL AIR STATION, HE INSTALLED AND TEST HOPPED THE FIRST E.J. SIMON $\frac{1}{2}$ KW, 500 CYCLE SPARK SETS EVER TO GO ALOFT IN AN AIRPLANE, AND USING LONG TRAILING WIRE ANTENNA. OTHER DUTY STATIONS WERE ON SUB PATROL BOATS, AND AFTER HOSTILITIES CEASED, AT COAST STATIONS NAA, NAI AND NSD.

ED HAD RECEIVED HIS FIRST GRADE RADIOTELEGRAPH LICENSE BEFORE WAR I. AFTER HIS NAVY SERVICE HE CONTINUED AS A COMMERCIAL WIRELESS OPERATOR AT BOTH LAND AND SHIPBOARD STATIONS. IN 1919 HE WAS OPERATOR ABOARD THE COASTER S.S. LAKE STRABO, KEBR, ON RUNS BETWEEN NEW ENGLAND AND GULF PORTS. IN 1920 HE TRANSFERRED TO THE NEW COLLIER S.S. ETHAN ALLEN, KUJQ WHICH CARRIED A 2 KW FEDERAL ARC SET. ON ITS MAIDEN VOYAGE TO BALBOA HE MAINTAINED CONTACT OVER MOST OF THE TRIP WITH CHARLESTON NAVY YARD, NAO AND COLON, PANAMA, NAX, THERE BEING FEW STATIONS ALONG THE WAY ABLE TO RECEIVE THE ETHAN ALLEN'S ARC SIGNALS. DURING HIS MARITIME DAYS HE WORKED FOR SUCH EARLY OPERATING COMPANIES AS KILBOURNE AND CLARK, MARCONI CO., AND TROPICAL RADIO TELEGRAPH CO.

IN APRIL 1915 ED HAD JOINED UP WITH THE THEN NEWLY ORGANIZED AMERICAN RADIO RELAY LEAGUE. HE BECAME THE 381ST MEMBER OF THIS ORGANIZATION, WHICH NOW HAS OVER 100,000 MEMBERS THROUGHOUT THE UNITED STATES AND CANADA. HE IMMEDIATELY BECAME ACTIVE IN LONG DISTANCE RELAY AND TRAFFIC HANDLING, AND WAS ASSIGNED IN MAY, 1916 TO OLD TRUNK LINE C, THE THEN VERY BUSY LINE OPERATING BETWEEN BOSTON AND WASHINGTON, D.C. HE ALSO WAS ONE OF THE FIRSTORS (OFFICIAL RELAY STATION) APPOINTEES IN 1922, THE YEAR WHEN THIS APPOINTMENT WAS CREATED. DURING HIS SOME 47 YEARS OF TRAFFIC WORK, DEDICATED TO SERVING THE PUBLIC AND AMATEUR RADIO, ED HAS HELD ALL ARRL FIELD POSITIONS AND APPOINTMENTS, AS WELL AS THAT OF ELECTED DIRECTOR OF THE LEAGUE FOR A TWO-YEAR TERM.

IN 1922 ED RECEIVED SPECIAL AMATEUR STATION LICENSE NUMBER 9, AND WITH IT THE CALL 3ZI. THIS ALLOWED HIM SPECIAL WAVELENGTHS OUT OF THE 200 METER BAND FOR LONG DISTANCE RELAYING OF MESSAGES. HE AND IRVING VERMILYA, WIZE ARE THE ONLY TWO ORIGINAL EAST COAST "Z CALLS" LEFT ON THE AIR TODAY AS FAR AS IT IS KNOWN--ALL OTHERS ARE REASSIGNMENTS. OTHER EARLY TWO LETTER CALLS WERE 3NG AND 3CS, BOTH WELL KNOWN SPARKS UNTIL 1924.

AMATEUR RADIO-WISE, HAVING PASSED THROUGH ALL THE VARIOUS STAGES OF SPARK TRANSMISSION FROM $\frac{1}{4}$ INCH SPARK COIL TO THE BOOMING 1 KW SYNC-SPARK SET IN THE MIDDLE 20'S, ED FINALLY SAW THE LIGHT WHEN A LITTLE $7\frac{1}{2}$ WATT TUBE BEGAN TO RUN RINGS AROUND HIS "BIG BERTHA." IN LATE 1924 HE GAVE IN TO LESS TWEET OF THE CW SIGNAL. THEN CAME THE 5 WATT

ED. G. RASER, W2Z1 -- RADIO PIONEER

"COLPITTS" AND "TNT" CIRCUITS, WITH BASKET-WEAVE COILS AND HONEY-COMB TUNERS, ALL OF WHICH LED UP TO THE PRESENT PRETTY DESK-TOP GEAR OF TODAY.

AS A PIONEER BROADCAST ENGINEER IN 1922, ED WAS TO HELP ESTABLISH WMAL, TRENTON'S FIRST STATION, AND LATER TO DESIGN AND CONSTRUCT THE CITY'S FIRST 500 WATT STATION, WOAX,, WHICH WAS CONSIDERED HIGH-POWERED AT THAT TIME. HIS LAST PARTICIPATION IN COMMERCIAL RADIO CAME IN 1935-36, WHEN HE RETURNED TO SEA FOR THE COLUMBIAN STEAMSHIP CO. PLYING THE BANANA BOAT ROUTES, HE SERVED ABOARD THE S.S. COLUMBIA, WKEG, THE S.S. HAITE, WKEJ AND THE FORMER UNITED FRUIT FLAGSHIP, THE S.S. PASTORES, KDBD. HIS TRIPS TO HAITI, JAMAICA, THE CANAL ZONE AND COLUMBIA BROUGHT HIM IN CONTACT WITH MANY A CARIBBEAN WIRELESS STATION OPERATOR.

ED'S INTEREST IN MILITARY RADIO STAYED WITH HIM FOR MANY YEARS. IN 1926 HE ENLISTED IN THE 112TH FIELD ARTILLERY, HEADQUARTERS BATTERY, NEW JERSEY NATIONAL GUARD, WHERE HE BECAME REGIMENTAL COMMUNICATIONS SERGEANT AND SENIOR SIGNAL INSTRUCTOR. IN 1933 HE TRANSFERRED TO THE 119TH OBSERVATION SQUADRON, ARMY AIR CORPS RESERVE, BASED AT NEWARK, N.J. HE WAS COMMUNICATIONS CHIEF OF THE SQUADRON, WITH SUPERVISION OVER TWENTY COMMUNICATORS, TWO GROUND STATIONS AND 13 OBSERVATION AIRCRAFT TYPES O-46 AND O-47. DURING WORLD WAR II HE WAS ENGAGED IN VEHICULAR RADIO DEVELOPMENT WORK AS A RADIO ENGINEER FOR THE SIGNAL CORPS RADIO LABORATORIES, FORT MOUNMOUTH, N.J. HE TRAVELED OVER MOST OF THE EASTERN UNITED STATES ON VARIOUS COMMUNICATIONS MISSIONS, FOR THE ARMY, AIR FORCE AND OTHER AGENCIES. ONE OF HIS MOST NOTABLE ASSIGNMENTS WAS TO PRESIDENT ROOSEVELT'S SECURITY NETWORK, WITH HIS HEADQUARTERS IN THE WHITE HOUSE.

WITH ALL HIS ON-THE-AIR ACTIVITY, AND WITH COMMERCIAL OPERATING IN BETWEEN, ED HAS FOUND TIME TO BE ACTIVE IN RADIO CLUB WORK. HE SERVED IN 1915 AS SECRETARY OF THE VERY EARLY YMCA RADIO CLUB OF TRENTON, N.J. HE JOINED THE TRENTON RADIO ASSOCIATION IN 1920, AND WAS CO-FOUNDER OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC., NOW (1963) IN ITS 33RD YEAR. HE IS ALSO A MEMBER OF MANY OTHER RADIO ORGANIZATIONS: THE RADIO CLUB OF AMERICA, (THE WORLD'S FIRST RADIO CLUB), CHARTER MEMBER OF THE DEFOREST PIONEERS, THE VETERAN WIRELESS OPERATORS ASSOCIATION, LIFE MEMBER OF THE QUARTER CENTURY WIRELESS ASSOCIATION, MORSE TELEGRAPH CLUB OF AMERICA, CHARTER MEMBER OF THE OLD OLD TIMERS CLUB (40 YEARS IN RADIO), THE ANTIQUE WIRELESS ASSOCIATION AND SENIOR MEMBER OF THE INSTITUTE OF RADIO ENGINEERS. HE STILL HOLDS COMMERCIAL RADIOTELEGRAPH LICENSE, FIRST CLASS, AND AN AMATEUR EXTRA CLASS LICENSE OF EARLY ISSUE. HE HAS BEEN CITED FIVE TIMES FOR THE ARRL PUBLIC SERVICE AWARD CERTIFICATE, FOR THE DELAWARE VALLEY RADIO ASSOCIATION SILVER CUP AWARD FOR FAITHFUL SERVICE, THE ACHIEVEMENT STATUETTE CONFERRED BY THE CONAMAUGH VALLEY RADIO ASSOCIATION OF JOHNSTOWN, PA. AND THE A-1 OPERATORS CERTIFICATE.

ED IS PROBABLY BEST KNOWN FOR HIS WIRELESS MUSEUM, WITH ITS LARGE COLLECTION OF ANTIQUE RADIO EQUIPMENT DATING BACK TO 1899, WHEN MARCONI FIRST CAME TO AMERICA. HIS COLLECTION OF HISTORICAL BOOKS AND PAPERS ON THE ART OF WIRELESS AND RADIO, NUMBER OVER 250 VOLUMES, AND REPRESENT SOME 35 YEARS OF RESEARCH WORK. THIS UNIQUE EXHIBIT IS OPEN TO ALL VISITORS BY APPOINTMENT, AND IS LOCATED AT 19 BLACKWOOD DRIVE, WILBURTHA SECTION, WEST TRENTON, N.J. IT IS SUGGESTED THAT THOSE INTERESTED IN VIEWING THE COLLECTIONS, EITHER CALL TU 2-6645, OR WRITE FOR AN APPOINTMENT, SO THAT NO ONE WILL BE DISAPPOINTED IN CASE ED IS NOT AT HOME. THERE ARE OVER 400 PIECES OF OLD RADIO AND WIRELESS GEAR ON DISPLAY, SO ONE CAN BE ASSURED THAT A VISIT WILL BE MOST INTERESTING AND WORTHWHILE.

ALONG WITH THE ABOVE ACTIVITIES, ED FOUND TIME TO RUN THE ORIGINAL OLD TIMERS NITE ROUND-UP. HELD IN TRENTON EACH YEAR DURING THE MONTH OF APRIL, THE ANNUAL EVENT HAS RUN FOR 16 YEARS. THE OLD TIMERS NITE ROUND-UP IDEA, WHICH ORIGINATED IN 1945, HAS BEEN PERPETUATED IN OLD TIMERS NITE AFFAIRS BEING RUN ALL OVER THE COUNTRY.

ED. G. RASER W2Z1 -- RADIO PIONEER

PRESENTLY EMPLOYED AS SUPERVISING ENGINEER AND TECHNICAL ADVISOR TO THE NEW JERSEY STATE POLICE SYSEM, HE PIONEERED THE EARLY FM SYSTEMS, HAVING INSTALLED THE SECOND STATE-WIDE SYSTEM IN AMERICA OR ELSEWHERE. AFTER SOME 22 YEARS IN MOBILE RADIO WORK, ED IS ABOUT TO RETIRE FROM POLICE RADIO ACTIVITY AND SETTLE DOWN TO ENJOY HIS SEVERAL HOBBIES. SO ENDS THE SAGA OF A VERY ACTIVE WIRELESS MAN, NOW ENJOYING SOME 53 YEARS ON THE AIR AND COVERING JUST ABOUT ALL PHASES OF THE "WIRELESS".

THE STORY OF WIMPP

AS TOLD BY HER HUSBAND, WIPS

EDITOR'S NOTE: WIMPP WAS THE FIRST OPERATING YL TO QUALIFY FOR OOTC. WIPS QUALIFIED ALSO TO MAKE THE FIRST MARRIED COUPLE IN OOTC.

A PIG-TAILED, FARM-RAISED GIRL OF MATTAPOISETT, MASS. DISPLAYED EARLY TALENT WITH PENCIL AND PEN. BARELY BEYOND THE SUB-DEB AGE SHE GOT A SUMMERTIME JOB MARKING GRADUATIONS ON THE WELL-KNOWN STARRETT DRAFTING SCALES. NOT ONLY COULD SHE EXECUTE THIS PRECISION, NON IMAGINATIVE WORK BUT IN HER HIGH SCHOOL STUDIES SHE DEMONSTRATED REAL ARTISTIC ABILITY WHICH LED TO ENROLLMENT IN THE MASSACHUSETTS NORMAL ART SCHOOL IN BOSTON. THIS BLENDING OF TALENTS, OPPOSITE IN POLARITY, COMBINING THE VISIONARY WITH THE PRACTICAL, CARRIED THROUGH INTO HER ADULT LIFE, HAD EVERYTHING TO DO WITH THE MOULDING OF HER UNIQUE CAREER.

EUNICE WAS THE FEMININE COUNTERPART OF THE TYPICAL HORATIO ALGER HERO. HERS WAS NOT STRICTLY THE ENACTMENT OF THE RELIABLE OLD ALGER FORMULA - FROM RAGS TO RICHES, BUT THE END RESULT IS AN APPROXIMATION, THE MORE EXCITING BECAUSE IT IS TRUE. IT DID NOT APPEAR IN HER HOROSCOPE BUT EUNICE, AS A MERE WOMAN, WAS TO COMPETE IN A MAN'S WORLD WITHOUT LOSING THE ATTRIBUTES ETERNALLY ASSOCIATED WITH FEMININITY. THIS GIRL WAS NOT TO CROSS THE CONTINENT IN A COVERED WAGON, BUT SHE WAS TO PARTICIPATE IN BLAZING NEW TRAILS OF IMPORTANCE ONLY DIMLY APPRECIATED BY HER MALE CONTEMPORARIES.

TO A GIRL WHOSE ROUTINE HOME CHORES INCLUDED FEEDING THE FIGS AND TIDYING UP THE COW STALLS, HER APPOINTMENT AS PAGE GIRL AND WAITRESS AT BOSTON'S FRANKLIN SQUARE HOUSE (YWCA TYPE HOSTELRY) MUST HAVE COME AS A THRILLING PROMOTION. THE "PAY" YIELDED ROOM AND BOARD, NO MORE. BUT IT ENABLED HER TO CONTINUE WITH THE ART SCHOOL, AN EASY - FOR HER - COBBLE PAVED WALK A MILE AWAY.

THE SPRING SEMESTER OVER, EUNICE SOUGHT OUT AN EMPLOYMENT AGENCY TO GUIDE HER INTO A REAL "PAY CHECK" JOB. WHAT? NO JOBS FOR ARTISTS? "HERE'S AN OUTFIT WANTING A TRACER, COUNTERED THE AGENT, BUT THEY SPECIFIED A MAN. GOOD DAY." EUNICE WAS BORN WITH SELECTIVE HEARING. SHE HEARD THE NAME AMERICAN RADIO AND RESEARCH CORPORATION, MEDFORD HILLSIDE, MASS. AND THE JOB OF TRACER. THE REST OF THE CONVERSATION WAS APPARENTLY LOST IN QRM. CATCHING THE FIRST TROLLEY, AN UN-COOPERATIVE CONDUCTOR FORGOT TO LET HER OFF AT THE VISITORS' ENTRANCE. THE CAR STOPPED AT THE FIRM'S BACK DOOR AND EUNICE FOUND HERSELF IN A SHOP FILLED WITH MEN, MACHINES, CUSPIDORS AND UNCENSORED CONVERSATION.

THE CHIEF ENGINEER QUICKLY STALKED UP AND DEMANDED AN EXPLANATION FOR HER PRESENCE. PRODUCTION MOMENTARILY SAGGED. THIS WAS AN INVASION. A VIOLATION OF THE AMENITIES. EUNICE MEEKLY EXPLAINED THAT SHE HAD COME FOR THE JOB AS TRACER. THE C.E. SNORTED. "MALE TRACER!" HE BARKED. "NO WOMEN. NO PLACE HERE FOR FEMALES." EUNICE STOOD BY. (PROBABLY ADJUSTED HER TONE CONTROL); NO DOUBT SMILED BRIEFLY. NOTICING THE PARALYSIS OF PRODUCTION, THE C.E. GRUFFLY CONCEDED, "COME UP STAIRS."

THE C.E. WAS BOXED. NO STAMPEDE OF MALE APPLICANTS HAD DEVELOPED FOR THE \$8 PER WEEK JOB. TRACINGS ATTEMPTED BY LOCAL SHOP TALENT LOOKED LIKE SMEARED FORGERIES. HANDING HER ENGINEER'S SKETCH OF A SMALL PART AND A BEAT-UP PEN THE C.E. GRUNTED - IN A TONE THAT

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IMPLIED; "THERE YOU ARE SMARTY, DO THAT." EUNICE HAD NEVER BEFORE TRACED WITH INK; NEITHER WAS BASHFULNESS ONE OF HER TRAITS. HER EFFORTS MUST HAVE PRODUCED A REASONABLE FACSIMILE AS SHE WAS HIRED ON THE SPOT AND BECAME A COMMUTER, BOSTON TO MEDFORD HILLSIDE THE NEXT DAY. FOR NORMAL ART SCHOOL - CURTAINS.

AT THAT TIME AMRAD LIGHTS BURNED LATE ON WAR WORK. IT WAS MAY, 1918. THE THREE YEAR OLD FIRM WAS STRAINING TO MEET SIGNAL CORPS DEMANDS FOR THE TRENCH SET, A TRANSCEIVER COMPRISING CRYSTAL DETECTOR, TUNING COIL, SPARK COIL AND KEY, BOXED WATERPROOF WITH CARRYING STRAP AND WEIGHING TEN POUNDS. NO ANTENNA FURNISHED AS IT WOULD WORK WITH ANY LENGTH OF BARBED WIRE THEN "PROTECTING" THE CONVENTIONAL FRONT-LINE TRENCH OF THAT DECADE.

BEFORE THE WAR HAD REALLY HEATED UP, AMRAD HAD ERECTED IN 1915 A 300 FOOT TOWER ON THE TUFTS COLLEGE CAMPUS AND, UNDER THE CALL 1XE, HAD SPORADICALLY BROADCAST NEWS AND MUSICAL PROGRAMS - EVEN BEFORE THE WORD 'PROGRAM' HAD BEEN THOUGHT UP IN THAT CONNECTION.

HARDLY HAD THE SUN SET ON ARMISTICE DAY WHEN THE MANAGEMENT BEGAN PLANS TO RE-INSTATE BROADCASTING AND CONVERT FROM WAR WORK TO CIVILIAN PRODUCTION. MANUFACTURE OF BROADCAST RECEIVERS THEN MADE LITTLE SENSE; THE ART WAS BARELY AT THE WEANING STAGE, AUDIENCES WERE LIMITED TO A FEW AMATEURS AND MARINE OPERATORS - SOME OF THEM OOTC'S. SO THE FIRM TURNED TO THE NEED OF RADIO AMATEURS, FIRST OFFERING THE SPARK COIL REVAMPED FROM THE TRENCH SET AND THEN THE QUENCHED GAP-REDESIGNED FROM THAT COMPONENT IN THE 500 CYCLE NAVY TRANSMITTER. FOLLOWING RAPIDLY WERE A 200 METER WAVEOMETER, A LIGHTENING SWITCH, T_R SWITCH, THE UBIQUITOUS BASKETBALL VARIOMETER AND FINALLY A COMPLETE R.F. RECEIVER, THE "S" TUBE (COLD CATHODE) AND THE FIRST ELECTROLYTIC CONDENSER NAMED THE MERSHON, FOR ITS INVENTOR.

IN ALL THIS EUNICE WAS IDENTIFIED WITH PEN AND INK, PRODUCING THE FINAL ENGINEERING DRAWINGS AND AT THE VERY ELBOWS OF THE ENGINEERING STAFF. THE TERM "ELBOWS" IS APPROPRIATE AS THEY WERE FIRST USED IN A SUBTLE WAY TO MOVE EUNICE TOWARD THE SEVERENCE PAYMASTER. FEMALES WERE UNWELCOME IN THE ESTABLISHMENT FROM THE C.E. DOWN. INTIMIDATING DEVICES USED WERE SNAKES IN HER DESK DRAWER, EXPERIMENTAL TOBACCO JUICE TRAJECTORIES OVER HER HEAD, ELIMINATION OF THE LOCK FROM THE THEN COMMON TOILET. THEN CAME A TURNING POINT. EN ROUTE TO WORK FROM HER BOARDING HOUSE HOME EUNICE PASSED A FRATERNITY HOUSE AND HAD EVOKED WHISTLES. ONE OF THE WHISTLERS GOT ACQUAINTED AND, PROBING HER POSSIBILITIES, DARED HER TO CLIMB THE AMRAD TOWER - A CRUDE LATTICE AFFAIR. CLIMB IT SHE DID, TO THE TOP AND BACK WITHOUT ASSISTANCE. AFTER THAT THE CLIMATE VISIBLY IMPROVED. THE MALE CONTINGENT HAD NO HEAVIER AMMUNITION TO FIRE.

BY NOW EUNICE HAD RECEIVED RAISES AND FRINGE BENEFITS, EVEN BEFORE SUCH BENEFITS HAD BEEN DISCOVERED. THE FIRST RAISE ENABLED HER TO TRANSFER HER LIVING QUARTERS TO MEDFORD HILLSIDE. THE SECOND ENABLED HER TO MAKE MORE FREQUENT WEEK-END VISITS TO THE FAMILY FARMSTEAD IN MATTAPOISETT. THE FRINGE BENEFITS WERE THOSE THAT PROJECTED HER INTO AMATEUR RADIO AND PROFESSIONAL BROADCASTING. COULD ANY MODERN UNION-WON FRINGE BE MORE EXCITING?

BEGINNING 1920, EVENTS SOON POPPED LIKE CORN. IN SUCH ENVIRONMENT "WIRELESS" BEGAN RUBBING OFF ON EUNICE. USING PRIMITIVE AMRAD PROTOTYPES AND BATTERY POWER THE FIRST AMATEUR STATION IN MATTAPOISETT WITH CALL LETTERS ER BEGAN ERUPTING ON 200 METERS - APPROXIMATELY. FIRST CONTACT - 1HAA, NOW WIZE. SEE NOTE 1. SOON THEREAFTER, AN OUTDOOR TRANSMITTER LOCATED UNDER AN UMBRELLA ANTENNA AT THE NEAREST SITE WITH COMMERCIAL POWER, REPRESENTED PROBABLY THE FIRST YL OPERATED REMOTE CONTROL. NOW THE CALL WAS 1CDP, THE OUTCOME OF A COURSE SUCCESSFULLY COMPLETED AT THE MASSACHUSETTS RADIO AND TELEGRAPH SCHOOL.

BECOMING FAMOUS AMONG HAMS AS THE OW OF 1XE, EUNICE BEGAN APPEARING AT CONVENTIONS, INITIALLY ON A PHONOGRAPH RECORD PLAYED AT THE AMRAD BOOTH AT THE FIRST NATIONAL ARRL CONVENTION AND SHOW AT CHICAGO IN 1921, LATER IN PERSON (ADD TO THIS DAY) AT COUNTLESS REGIONAL HAMFESTS BEGINNING WITH THE FIRST ARRL NEW ENGLAND DISTRICT AFFAIR IN PORTLAND, MAINE THAT SAME YEAR. IN THE THIRTIES SHE BECAME SECRETARY AND LATER PRESIDENT OF THE

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EASTERN MASSACHUSETTS AMATEUR RADIO ASSOCIATION AND OCCASIONALLY BECAME THE RECIPIENT OF MINOR HONORS, SOME OF THEM DUBIOUS, AS IN WINNING THE FOOT-SENDING CONTEST AT A PORTLAND HAMFEST IN THE FIFTIES.

SO GREAT WERE THE PRESSURES, SO RAPID WAS THE GROWTH, SO NUMEROUS WERE THE CHANGES DURING THE DECADE ENDING 1930 THAT A LAPSE IN HER AMATEUR RADIO ACTIVITIES WAS INEVITABLE. EUNICE LITERALLY GREW UP WITH HER EXPANDING BROADCAST AUDIENCE. THE EARLY POST-WAR PROGRAMS CAST EUNICE IN THE ROLE OF STATION OPERATOR, SWITCH BOARD ATTENDANT, RECEPTIONIST, ANNOUNCER, COMMENTATOR AND IMPRESSARIO. USUALLY SEVERAL OF THESE DUTIES WERE CONCURRENT. SHE WAS PART OF A ROTATION SCHEME WHICH ALLOTTED THE RESPONSIBILITY OF STATION OPERATION TO A DIFFERENT PERSON EACH DAY, PROVIDING NO ONE ANY COMPENSATION FOR THIS OVERTIME WORK. SHE THREW SWITCHES, MONITORED METERS, SQUELCHED COMPLAINTS AND DEVELOPED A MICROPHONE PERSONALITY.

AFTER AN ADOLESCENT ERA OF BUMBLING BROADCASTING WHICH INCLUDED THE PLAYING OF REQUEST RECORDS, ANNOUNCING NUMBERS OF STOLEN CARS AND WINDING UP EACH "PROGRAM" WITH A BURST OF CW, OLD IXE MATURED TO BECOME OFFICIALLY COMMERCIAL WG1 - "THE VOICE OF THE AIR" ON 350 METERS, UNDER THE SUPERVISION OF A CONVENTIONAL PAID STAFF. EUNICE THEN BECAME BEST KNOWN FOR HER NIGHTLY BED-TIME STORIES. STILL GROPING FOR THE FORMULA WHICH WOULD MAKE BROADCASTING SELF-SUPPORTING, A PUBLICATION CALLED LITTLE FOLKS MAGAZINE BECAME SPONSOR FOR HER PROGRAM. THE SCHEME WORKED - THOUSANDS OF LITTLE READERS LEARNED ABOUT EUNICE THOUSANDS OF LITTLE LISTENERS LEARNED ABOUT LITTLE FOLKS MAGAZINE. THE HARVEST WAS GOLDEN, NOT IN DOLLARS, BUT IN THE THOUSANDS OF SWEET DREAMS WHICH FOLLOWED THE FINAL TUCK-IN BY THE FAIRY GODMOTHER OF WG1. BROADCASTING WAS ON ITS WAY, AND SO WAS EUNICE.

IN HER SPARE ???? TIME EUNICE HAD UTILIZED THE CONVENIENCE OF ADJOINING TUFTS COLLEGE TO TAKE A COURSE IN ADVANCED DRAFTING AND ANOTHER IN APPLIED MATHEMATICS. ANY HOROSCOPE READER OF THAT DAY WOULD HAVE NODDED APPROVAL, BECAUSE AMRAD - THE RADIO PIONEER, THE ELECTRONIC TRAIL-BLAZER, WAS DOOMED TO FOLD AND BE SUCCEEDED BY MARKET-MINDED MANUFACTURERS, FIRST CROSLEY, LATER DEFOREST OF CANADA. BEFORE THIS MANIPULATION COULD BE CONSUMMATED, AN EMBARRASSING HIATUS INTERVENED - A PLANT-WIDE KAYOFF WAS DECLARED.

NO GRASS HAD EVER GROWN UNDER OUR HEROINE'S FEET. EUNICE WAS SOON PLANTED IN THE BOSTON OFFICE OF THE WARD LEONARD ELECTRIC COMPANY WHERE SHE WAS QUICK TO PICK UP THE JARGON OF TERMS AS APPLIED TO INDUSTRIAL EQUIPMENT ASSOCIATED WITH TRANSFORMERS AND RESISTORS. ANOTHER COURSE, THIS TIME IN SPEEDWRITING, FILLED IN THE SO-CALLED SPARE TIME, THE MORE AMAZING AS EUNICE WAS NOW MARRIED.

IT IS ONLY FAIR TO SAY THAT DURING HER METEORIC RISE AT AMRAD THE LOCAL AIR WAS CLUSTERED WITH CUPIDIAN DARTS. EUNICE MUST HAVE TAKEN SECRETLY A COURSE IN EVASIVE ACTION. HOW SO MANY MISSILES COULD MISS THEIR MARK IS NOT QUITE CLEAR, BUT AS THE SCUFFLE WANED THE THEN DIRECTOR OF BROADCASTING, A QUIET MAN, CLOSED IN. HE MUST HAVE HAD SOMETHING ON THE ARROW. HOWEVER THE RESULTING MARRIAGE IN 1925 PROVED TO IN BROAD RETROSPECT, ONLY A BRIEF INTERLUDE.

IN 1929 THE WARD LEONARD OFFICE CLOSED. THE WRITER MAINTAINS THAT IT WAS OPENED ONLY TO GIVE EUNICE A CHANCE TO GET A SMATTERING KNOWLEDGE OF INDUSTRIAL EQUIPMENT, OR JUST ENOUGH TO TALK HER WAY INTO A BERTH WITH NEW ENGLAND POWER COMPANY. HERE WAS HER REAL FUTURE CAREERWISE AND HERE WAS THE TYPICAL HORATIO ALGER STARTING POINT - A JOB IN THE SALARY SUBCELLAR, WITH THE STATUS OF A POOR RELATION, AND A WOMAN AT THAT, PRESUMING TO USURP A MAN'S JOB.

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HERE ALL OF HER PRIOR EXPERIENCE WAS BROUGHT TO A FOCUS - FACILITY WITH THE PEN, A YEN TO LEARN, ABILITY TO SPAR WITH ANTAGONISTIC MALES, SKILL IN LATCHING ON TO UNFAMILIAR TERMINOLOGY. BUT WHY GO ON. THE LIGHT READ GO, THE COURSE MARKED UP.

THE SITUATION CALLED FOR MORE COURSES, A PAIR OF THEM AT BOSTON COLLEGE EVENINGS AND LATER A COURSE AT EASTERN RADIO INSTITUTE WHICH BROUGHT HER BACK ON THE HAM WAVES AGAIN AS WIMPP. 2 $\frac{1}{2}$, 5 AND 160 METERS WERE HER FAVORITE FREQUENCIES, ESPECIALLY THE FARMER NET ON 184) K.C.

EUNICE ROSE BY BUILDING RUNGS INTO THE LADDER ABOVE HER. THE POWER COMPANY WAS THEN A SOMEWHAT LOOSE ASSOCIATION OF LOCAL COMPANIES SCATTERED OVER MUCH OF NEW ENGLAND. COMPANY INTERCONNECTS WERE HARD TO GET DOWN IN MANUAL OR REFERENCE FORM. EACH COMPANY WAS GROWING, ENLARGING ITS FACILITIES. NOTHING STATED PUT VERY LONG. FREQUENTLY LOCAL OPERATING OFFICIALS COULD NOT PRECISELY STATE JUST WHAT EQUIPMENT THEY HAD AT ANY GIVEN SUBSTATION. IN THOSE FIRST CRITICAL DAYS EUNICE WAS REMINDED SHARPLY OF THAT FATEFUL DAY AT AMRAD WHEN THE C.E. BARKED - "THERE YOU ARE SMARTY, OO THAT." NO PREDECESSOR AT NEW ENGLAND POWER HAD BLAZED ANY TRAIL - NO SIGNS, NO GUIDES - LITERALLY A WILDERNESS OF LINES AND TRANSFORMERS.

SO IT WAS UP TO EUNICE TO "CASE THE JOINT" AND IT WAS A BIG JOINT. TO A GIRL WHO HAD SHINNED HER OWN TREES IT WAS NO GREAT TASK TO CRAWL OVER AND THROUGH SUBSTATIONS NEAR LINES SO HOT YOU COULD SENSE THE CORONA. THIS SAME GIRL COULD BE HEARD SINGING SUNDAY EVENINGS IN BOSTON'S HANDEL AND HAYDN CHORAL SOCIETY. "JUST REHEARSING HER PART WITH THE HEAVENLY HOSTS" COULD BE THE ONLY LOGICAL EXPLANATION.

HOWEVER THE HANDICAP OF STATUS WAS SOMEWHAT MORE SERIOUS, HEADQUARTERS IN BOSTON WAS SENDING OUT THIS MERE WOMAN TO ASK MALE OFFICIALS QUESTIONS, WHICH IN MANY CASES THEY COULD NO ANSWER THEMSELVES. RECEPTIONS WERE OFTEN LESS THAN CORDIAL. UNDER THESE CIRCUMSTANCES A BIG EXPENSE ACCOUNT, EVEN IF PROVIDED, COULD DO NOTHING TO UNFREEZE THE HUMAN MACHINERY. THE SITUATION CALLED FOR A LONG CAMPAIGN EXTENDING OVER THE YEARS WITH THE MOST SUBTLE FEMININE STRATEGY CONSTANTLY APPLIED.

DURING WORLD WAR II MORE STRESSES DEVELOPED. RADIATION LABORATORY ACROSS THE RIVER IN CAMBRIDGE ATTEMPTED TO LURE EUNICE INTO THEIR CAMP WITH EXTRAVAGANT SALARY PROMISES. THE POWER COMPANY HAD IN SIGHT NO ADEQUATE REPLACEMENT SHOULD EUNICE LEAVE, YET COULD NOT MATCH THE MONETARY OFFER. EUNICE HAD ALREADY DONE HER WAR HOME WORK VIA THE SAVINGS BOND ROUTE, THE LOCAL EMERGENCY UNIT ON TWO METERS AND LETTING GO TO THE GOVERNMENT FOR A SONG MUCH OF HER HAM EQUIPMENT. AFTER AN AGONIZING REAPPRAISAL OF THE DILEMMA SHE SAID A FIRM "NO" TO RADIATION AND CONTINUED WITH THE POWER COMPANY TO BATTLE HER OWN INTERNAL WAR TO FINAL VICTORY.

COMPANY ATTITUDE TOWARDS WOMEN NOW SOFTENED. (MANPOWER SHORTAGE THE CAUSE, LITTLE CHANGE IN BASIC PHILOSOPHY). EUNICE TOOK MORE COURSES, SOME WITH COMPANY ENCOURAGEMENT. FOR A TIME SHE WAS A MEMBER OF THE J.R.E. EVENING STUDIES INCLUDED THOSE DEALING WITH SUBSTATION PRACTICES, APPLICATION OF HIGH POWER SWITCHING RELAYS, AND SO ON. INEVITABLY EUNICE WAS THE ONLY FEMALE IN THESE CLASSES.

FINALLY THE SYSTEM "BIBLE" TOOK SHAPE - A COMPREHENSIVE ASSEMBLY OF CIRCUIT DIAGRAMS IN BASIC ONE-LINE FORM INCLUDING THE ENTIRE TERRITORIAL OPERATION. THIS REFERENCE WORK, WIDELY DISTRIBUTED, ENABLED OPERATING PERSONNEL AT ALL LEVELS TO DETERMINE WHAT WENT WHERE AT EVERY SUBSTATION IN EVERY STATE AND HOW EACH INDUSTRIAL CUSTOMER OF ANY IMPORTANCE WAS SERVED.

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CONSTANT REVIEW, REVISION AND UPDATING OF THE "BIBLE" WAS A PRESSING DEMAND. THIS MEANT REPEATED FIELD WORK IN ALL WEATHER, AN ACTIVITY SO RIGOROUS IT THEN WOULD HAVE EVEN DEFIED MRS. ROOSEVELT. IN THE FINAL YEARS EUNICE WAS DESIGNATED SUPERVISOR OF MAPS AND DIAGRAM, WITH SEVEN ASSISTANTS, ALL MALE. SHE DISLIKED USE OF THE TERM "UNDER", THE MEN WERE WITH HER, SOME OF THEM HALF HER AGE, BUT IT WAS PLAIN TO SEE WHO WAS BOSS. MAPS, DETAILING THE LOCATION OF ALL GENERATING STATIONS, DAMS, KEY SUBSTATIONS AND TRANSMISSION LINES, WHICH LATER ADORNED THE OFFICE WALLS OF THE BIG BRASS, WERE ALL DRAWN UP PERSONALLY BY EUNICE. SHE WAS THE ONE PERSON WHO KNEW LITERALLY, ALL THE TENTACLES OF THE ENTIRE SYSTEM.

THERE WERE EXTRA CURRICULA ACTIVITIES OF COURSE. HER 30 W.P.M. CODE PROFICIENCY STICKER IS DATED JULY 6, 1941. SHE WAS IN BOWLING TEAMS. IN ODD MOMENTS SHE WOULD DO NEEDLE POINT. AND SOMEHOW SHE KEPT UP WITH GRANGE, JOINED IN 1913, ADVANCING TO NATIONAL MEMBERSHIP IN THE 20'S.

IN 1948, RETIREMENT YEARS AHEAD, CUPID CAME IN AGAIN, THIS TIME FOR THE CLINCHER. SHE MARRIED WIPS, AN OLD AMRADIAN, AND ONE OF THE EARLY ADMIRERS AND CONTENDERS, WHO WAS THEN 2PL. SEE NOTE 2. IN THE HEATS OF THE 20'S, A FROST; IN THE STRETCH OF THE 40'S, A VICTOR. THE COUPLE WERE MARRIED IN A CHATHAM, N.H. CHURCH, JUST OVER THE BORDER AND IN SIGHT OF THEIR NEW MAINE HOME, BY THE REV. HOLLIS FRENCH, WIJLK, AND ALSO AN OOT. THE WEDDING ANNOUNCEMENT, SENT TO A LONG LIST OF HAMS, FEATURED A SCHEMATIC IN WHICH THE BRIDE WAS SYMBOLIZED BY A CAPACITOR AND THE GROOM BY AN INDUCTOR, THE VALUES OF THESE ELEMENTS UNDISCLOSED.

MORE THAN A DOZEN YEARS OF WEEK-END COMMUTING FOLLOWED, DURING WHICH TIME THE COUPLE AS DO-IT-YOURSELVES ARCHITECTS, BUILT A SMALLER HOME HIGHER UP ON THEIR 63 ACRE HILLSIDE LOT. SANDWICHED IN SOMEWHERE WERE COURSES IN RUG-MAKING AND CERAMICS, EMBRACING NOT MERE THEORY, BUT THE ACTUAL PRODUCTION OF BREATHTAKING SPECIMENS, REFLECTING THE ARTISTIC SENSITIVITY OF THEIR ORIGINATOR. IMAGINE IF YOU CAN, RUGS JUST TOO BEAUTIFUL TO WALK ON AND BOWLS TOO EXOTIC TO EAT OUT OF. ON THE SIDE (WHICH SIDE?) EUNICE BECAME A NEOPHYTE NUMISMATIST, LIMITED OF COURSE BY FINANCIAL RESOURCES, SO SHE TURNED TO BUTTON COLLECTING AS THE ROUTE MOST LIKELY TO SATISFY HER HOARDING INSTINCTS.

OPPORTUNITY FOR EARLY RETIREMENT CAME IN 1961. EUNICE SEEMED TO BE THE LAST TO REALIZE THAT SHE HAD LONE SINCE "ARRIVED" AS ONE OF THE VERY FEW LADY ENGINEERS OF A BIG PUBLIC UTILITY. HER WORK LOAD HAD NEVER BEEN HEAVIER, THE VISTA OF NEW FACILITIES AND EXPANSIONS OVER THE SYSTEM SEEMED ENDLESS. TO "TERMINATE" THEN WAS A HARD DECISION, BUT THERE IN THE MOUNTAINS WAS THE NEW MAINE HOME AND THE OLD MAN, THEN STATIONED AT THE BLUE HILL WEATHER OBSERVATORY NEAR BOSTON, HAD MIGRATORY FEELINGS.

TO CUSHION THE SHOCK OF LEISURE EUNICE REDOUBLED HER TIME WITH THE HOOK RUG-MAKING IMPLEMENT, ACQUIRED A LOOM FOR THE WEAVING OF THROW-OVERS, DRAPES AND TABLE COVERS, AND THEN TO MAKE SURE THAT NO VACANT MINUTE WOULD BE UNEMPLOYED TOOK UP A HOME COURSE TO BECOME A BRAILLE TRANSCRIBER! TO REMIND HER STERNLY OF THE PASSAGE OF TIME THE GRANGE BESTOWED THE 50 YEAR JEWEL FOR UNINTERRUPTED MEMBERSHIP.

AS A DAILY INCIDENT SHE SEEMED TO CONDUCT A SIZABLE MAIL ORDER BUSINESS, STRICTLY NON-PROFIT ON A MONITARY BASIS, BUT RICHLY REWARDING IN THE CONTACTS SHE MAINTAINS WITH HUNDREDS OF FRIENDS ACQUIRED OVER THE YEARS. THE DEMANDS OF HER CAREER ASSOCIATED HER FAR MORE WITH MEN THAN WOMEN, MOST OF THE FORMER BEGINNING THEIR ACQUAINTANCE AS ANTAGONISTS, THEN (UNDER THE SPELL) MELLOWING INTO FRIENDS. SHE KNOWS MORE FIRST NAMES THAN A CITY WARD HEELER. AS FOR HER RELATIONS WITH "ROYALTY" SHE COULD CRASH INTO A CORPORATION DIRECTOR'S MEETING AND HAIL DR. VANNEVAR BUSH BY HIS NICKNAME, TO THE EMBARRASSMENT OF HIS COLLEAGUES, BUT NOT TO HIM.

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TO A HOLLYWOOD PRODUCER HER SAGA WOULD BE SHORT ON SOPHISTICATED SPICE AND THEREFORE POOR BOXOFFICE. YET TO FORECAST THE CHAIN OF UNLIKELY EVENTS CROWDING HER FORTY MOST ACTIVE YEARS WOULD TAX THE VISIONARY POWERS OF A DARWIN CROSSED WITH A GERNSBACK. AS FOR A PIECE OF ALGERIAN FICTION HER STORY IS IMPOSSIBLE; HORATIO JUST DIDN'T HAVE IT.

NOTE 1: SEE QST JULY 1921, PAGE 29 --- NOTE 2: SEE QST FEB. 1920, PAGE 21.

EDITORS NOTE: THANKS GEORGE FOR A MOST ENTERTAINING ARTICLE AND A TRIBUTE TO A MOST REMARKABLE WOMAN. YE OLDE COPPYE BOYE.

TED McELROY

BY HOWARD S. PYLE, "YB" OF W7OE

THIS IS THE TYPE OF ARTICLE WHICH I DO NOT RELISH WRITING. NEVERTHELESS IT IS ONE WHICH MOST CERTAINLY DESERVES THE RECOGNITION OF THE WIRELESS TELEGRAPH FRATERNITY. IT IS MY SAD DUTY TO CHRONICLE THE PASSING OF ONE OF OUR OLD-TIME PIONEERS IN THE WIRELESS OPERATING FIELD . . . TED McELROY. R

TED, UP UNTIL HIS DEMISE ON NOVEMBER 12, 1963, HAD BEEN THE ACKNOWLEDGED CHAMPION OF THE WIRELESS TELEGRAPH (CONTINENTAL OR INTERNATIONAL) CODE AT AN OFFICIALLY RECOGNIZED SPEED OF 72.5 WORDS PER MINUTE. TO THE BEST OF MY KNOWLEDGE, NO ONE HAS EVER REACHED OR EVEN APPROACHED THIS FABULOUS SPEED.

UP UNTIL A FEW YEARS AGO, TED HAD BEEN OPERATING AS A MANUFACTURER OF VARIOUS TYPES OF EQUIPMENT FOR RADIO CODE TRANSMISSION AND RECEPTION BY AUTOMATIC MEANS FOR BOTH MILITARY AND COMMERCIAL APPLICATIONS AS WELL AS MAKING SUCH APPARATUS AVAILABLE TO THE RADIO HAM WHO WAS IN A FINANCIAL POSITION TO AFFORD SUCH EXCELLENT EQUIPMENT. A FEW YEARS AGO TED SAW FIT TO RETIRE AND TURNED OVER THE MANUFACTURING AND MARKETING INTERESTS TO HIS SON WHO, WE UNDERSTAND, CARRIES ON THIS ENDEAVOR AND PRODUCES THE SAME TYPE OF EQUIPMENT AND WITH THE SAME INTEGRITY AND QUALITY WHICH HIS DAD INITIALLY ESTABLISHED.

ALTHOUGH KNOWING TED BY BOTH NAME AND REPUTATION FOR MANY YEARS, I HAD NEVER HAD THE PRIVILEGE OF MEETING AND KNOWING HIM PERSONALLY. THIS DOES NOT NOW, NOR NEVER HAS, DETRACTED IN THE LEAST FROM MY ADMIRATION FOR ONE OF THE AMATEUR/COMMERCIAL PIONEERS WHO CONTRIBUTED SO MUCH TO THE TELEGRAPHIC ANGLE OF RADIO COMMUNICATION.

I WISH I HAD MORE KNOWLEDGE OF TED'S BACKGROUND, BEYOND THAT WHICH HAS ACCUMULATED IN MY FILES OVER THE ENSUING YEARS. I SHOULD LIKE TO SAY MORE ABOUT HIM FOR I KNOW THAT IT COULD NOT BE OTHER THAN FAVORABLE. I HAVE HAD, FROM TIME TO TIME, OCCASIONAL CORRESPONDENCE WITH TED AND FROM THAT, PLUS THE VARIOUS WRITE-UPS CONCERNING HIM AND HIS PERSONAL ACQUAINTANCE WITH MANY OF THE 'OLD-TIMERS' WHO KNEW HIM, MY RESPECT FOR TED McELROY HAS ONLY INCREASED.

I THINK THAT I CAN EXPRESS THE ATTITUDE OF ALL OF US OLD TIME TELEGRAPHERS WHEN WE JOIN TOGETHER IN SAYING THAT HE WAS "ONE OF THE BEST". IT IS UNFORTUNATE AND MORE THAT HE DIED AT THE AGE OF 62 BUT DEATH IS INEVITABLE AND THE YEARS BETWEEN BIRTH AND DEMISE ARE UNPREDICTABLE. WE CAN ONLY HOPE THAT HIS DEATH BEYOND THIS MORTAL SPHERE, IF SUCH EXISTS, IS MOST HAPPY AND PLEASANT. TO THIS I WANT TO ADD THAT THOSE OF US 'OLD TIMERS' WHO KNEW HIM EITHER PERSONALLY OR BY RECORDED DEEDS, JOIN IN SYMPATHY TO HIS FAMILY AND MANY

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NO PICTURE
AVAILABLE

ONE OF TED McELROY'S MANY INTERESTS WAS IN ENCOURAGING THE YOUTHFUL ELEMENT IN PURSUING THE TELEGRAPH CRAFT. HERE HE IS SHOWN WITH LITTLE JEAN HUDSON WHO AT THE AGE OF EIGHT, QUALIFIED FOR HER AMATEUR RADIO TELEGRAPH LICENSE. JEAN STILL HOLDS SUCH A LICENSE AND IS NOW EMPLOYED IN A RESPONSIBLE SECRETARIAL POSITION IN NEW YORK. WE ARE INDEBTED TO THE CANDLER SYSTEM, 2077 LOCUST STREET, DENVER 7, COLORADO, WHO INITIALLY INSTRUCTED JEAN IN THE RADIO TELEGRAPH CODE, FOR THIS PIONEER PHOTOGRAPH. THE CANDLER SYSTEM OF CODE INSTRUCTION IS STILL ENGAGED IN THIS ACTIVITY.

HOWARD S. PYLE, "YB" OF W7OE

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NUMBER 19 PAGE 24

FEBRUARY 1964

EMIL J. SIMON

BY HOWARD S. PYLE, "YB" OF W7OE

PERHAPS THE TIME-WORN PHRASE, " . . . TIME MARCHES ON" IS MOST APPLICABLE HERE. EMIL J. SIMON, WELL KNOWN TO PIONEER WIRELESS MEN, WENT TO HIS WELL-EARNED REWARD ON SEPTEMBER 16, 1963. DEATH IS INEVITABLE TO ALL OF US; NEVERTHELESS IT ALWAYS BRINGS SADNESS COUPLED WITH PLEASANT MEMORIES TO THOSE OF US WHO WERE EITHER CASUALLY OR INTIMATELY ASSOCIATED WITH THE DECEASED WERE HE ONE WHO DESERVED SUCH DISTINCTION.

EMIL J. SIMON OR, AS HE WAS BEST KNOWN TO MOST OF US IN THE PIONEER GROUP OF EARLY WIRELESS DAYS AS "E.J.", WAS ONE OF THESE. THIS WRITER HAD LITTLE PERSONAL CONTACT WITH E.J. ALTHOUGH MEETING HIM CASUALLY ON A NUMBER OF OCCASIONS AS WELL AS BEING A SHORT TIME EMPLOYEE OF HIS IN THE EARLY 1920'S IN THE INTER-CITY WIRELESS COMPANY. HIS SINCERE AND RATHER SUCCESSFUL EFFORTS TO CONTRIBUTE TO THE FURTHERANCE OF THE WIRELESS TELEGRAPH METHOD OF COMMUNICATION FROM SHIP TO SHORE AND BETWEEN POINTS ON LAND COULD COMMAND AND DID, NOTHING LESS THAN RESPECT FOR HIS EFFORTS IN THIS FIELD.

AS A PIONEER MANUFACTURER OF WIRELESS TELEGRAPH COMMUNICATION EQUIPMENT, E.J. BECAME A SUBSTANTIAL CONTRACTOR IN SUPPLYING SUCH APPARATUS FOR THE UNITED STATES NAVY IN WORLD WAR I. WITH THE CESSATION OF HOSTILITIES IN NOVEMBER OF 1918, IT WAS NOT LONG BEFORE E.J. ESTABLISHED HIS INTER-CITY WIRELESS COMPANY AND BUILT SHORE STATIONS AT A NUMBER OF POINTS, NOTABLY IN THE GREAT LAKES AREA. BUFFALO, N.Y., CLEVELAND, OHIO, DETROIT, MICH., DULUTH AND SUPERIOR, WISCONSIN AND OTHERS WERE INITIALLY ESTABLISHED. EXPANSION OF SUCH FACILITIES TO OTHER POINTS WAS HANDICAPPED SHORTLY THEREAFTER BY THE MORE POWERFUL ECONOMIC ORGANIZATION KNOWN THEN AS TODAY, AS THE RADIO CORPORATION OF AMERICA.

E.J. HUNG ON 'BY HIS TEETH' AS THE SAYING GOES. HE MANAGED TO KEEP HIS HEAD ABOVE WATER FOR SEVERAL MONTHS BUT WAS EVENTUALLY SWAMPED OUT BY THE MORE POWERFUL CORPORATION. HE THEN TURNED TO CONTRACTING/MANUFACTURE IN WHICH HE SHORTLY GAINED A FIRM FOOT-HOLD IN THE COMMERCIAL ELECTRONIC FIELD.

RETIRING BUT A FEW SHORT YEARS AGO, E.J. TURNED HIS BUSINESS OVER TO OTHERS AND SETTLED DOWN TO ENJOY HIS WELL-EARNED RETIREMENT YEARS. UNFORTUNATELY, THESE DID NOT TURN OUT TO BE TOO MANY BUT FROM ALL THAT THIS WRITER CAN GATHER, THOSE THAT HE HAD WERE PLEASANT.

IN MEMORIAM THEN CAN WE SAY THAT ANOTHER OLD PIONEER OF WIRELESS DAYS HAS PASSED ON TO HIS MAKER WITH FOND MEMORIES, BOTH ON THE PART OF HIS FORMER ASSOCIATES WHO KNEW HIM PERSONALLY AND THOSE, LIKE THE WRITER, WITH CASUAL BUT WARM RECOLLECTIONS OF E.J.

GEORGE E. BURGHARD W2GEC

OOTC NUMBER 5 (GERNSBACK)

NEW YORK JOURNAL -AMERICAN TUES., DEC. 10, 1963

ONE OF NEW YORK'S RADIO STATIONS IS STILLED TODAY. IT WAS ONE OF THE CITY'S MANY "HAM" RIGS, REACHING OUT SOME NIGHTS FROM THE GRANITE CANYONS HERE TO ISLANDS IN THE REMOTE CORNERS OF THE WORLD.

THIS ONE WAS OPERATED BY GEORGE EHRET BURGHARD FROM HIS PENTHOUSE AT 240 CENTRAL PARK SO. MR. BURGHARD WAS ONE OF THE PIONEER RADIO "HAMS" - AN AVID ENTHUSIAST AND EXPERIMENTER FROM BOYHOOD TO HIS DEATH SUNDAY IN LENOX HILL HOSPITAL AT THE AGE OF 68, AFTER A HEART ATTACK.

MR. BURGHARD HAD FREQUENTLY CONTACTED AMATEUR RADIO STATIONS AROUND THE WORLD WITH HIS EAGLE'S-NEST TRANSMITTER ON THE RIM OF CENTRAL PARK.

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GEORGE E. BURGHARD W2GEC

SPANNED ATLANTIC - BACK IN 1921-25, WHEN RADIO HAMS WERE PUSHING OUT ON THE FRONTIER OF EXPERIMENTATION. MR. BURGHARD WAS PRESIDENT OF THE RADIO CLUB OF AMERICA. HE WAS ONE OF A GROUP OF HAMS WHO STOOD AROUND A TRANSMITTER IN GREENWICH, CONN., IN 1921, AND SENT ONE OF THE FIRST SHORT-WAVE RADIO MESSAGES ACROSS THE ATLANTIC. IT WAS RECEIVED IN SCOTLAND AND SERVED TO OPEN UP ADDITIONAL, USEFUL SPACE IN THE RADIO SPECTRUM.

FOR HIS PART IN THAT ACHIEVEMENT, THE RADIO CLUB OF AMERICA PRESENTED HIM WITH A BRONZE MEDAL IN 1950. TURNING HIS HOBBY INTO A BUSINESS, MR. BURGHARD FOUNDED AND HEADED FROM 1920 TO 1934 THE CONTINENTAL RADIO CORP., AN RCA DISTRIBUTOR. LATER HE HEADED CONTINENTAL SALES CO., RADIO EQUIPMENT SUPPLIERS IN NEWARK, UNTIL HE DISSOLVED THAT FIRM. HE WAS ALSO A FOUNDER IN 1955, AND PRESIDENT SINCE THEN, OF THE ARMSTRONG MEMORIAL RESEARCH FOUNDATION, IN MEMORY OF COLUMBIA PROF. EDWIN H. ARMSTRONG, INVENTOR OF FREQUENCY MODULATION, AND MR. BURGHARD'S FRIEND AND CO-WORKER OF MANY YEARS.

NEVER PRACTICED - THE ARMSTRONG FOUNDATION PROMOTES ENGINEERING RESEARCH BY GRANTING FELLOW-SHIPS TO GRADUATE STUDENTS. MR. BURGHARD WAS GRADUATED FROM COLUMBIA COLLEGE IN 1916. HE SERVED AS AN ENSIGN IN THE NAVY IN WORLD WAR I, COMMANDING THE NAVY RADIO COMPASS SCHOOL AT PELHAM BAY NAVAL TRAINING STATION, BRONX. IN 1918, HE GOT A LAW DEGREE FROM COLUMBIA LAW SCHOOL, BUT DID NOT PRACTICE LAW. INSTEAD, HE HELPED MANAGE FOR A WHILE THE MANHATTAN BREWERY FOUNDED BY HIS GRANDFATHER, GEORGE EHRET.-- BUT HIS SCIENTIFIC TURN OF MIND SOON DREW HIM INTO THE FIELD OF ELECTRONICS.

A REQUIEM MASS WILL BE OFFERED TOMORROW AT 10 A.M. AT THE ROMAN CATHOLIC CHURCH OF ST. IGNATIUS LOYOLA, PARK AVE. AND 84TH ST.

MR. BURGHARD, A WIDOWER, IS SURVIVED BY TWO BROTHERS, FREDERICK J., OF DORSET, VT., AND EDWARD G., OF PALM SPRINGS, CALIF., AND A STEP-DAUGHTER, MRS. ALBERT K. TROUT OF MIAMI, FLA.

CMDR. RICHARD T. SMITH

THIS ITEM WAS SENT IN BY DON GUPTILL - FROM BOSTON PAPER - UNIDENTIFIED. 12/6/63

HENNIKER, N.H. - CMDR. RICHARD T. SMITH, (U.S. NAVY RET) 69, FORMER HEAD OF THE NEW HAMPSHIRE DEPARTMENT OF PROBATION DIED THURSDAY AT HIS HOME ON BRADFORD ROAD.

BORN IN NEW YORK CITY, HE HELD DEGREES FROM YALE AND COLUMBIA UNIVERSITIES. HE SERVED AS SECRETARY OF THE YMCA IN CONCORD AND DIRECTOR OF CAMP SPAULDING IN PANACOOK UNTIL 1923 WHEN HE WAS APPOINTED BUSINESS MANAGER OF THE MONMOUTH COUNTY, N.J. ORGANIZATION FOR SOCIAL SERVICE.

CRIMINOLOGY TEACHER. - CMDR SMITH BECAME HEAD OF THE NEW HAMPSHIRE PROBATION DEPARTMENT IN 1937. HE RETIRED IN FEBRUARY, 1961. SINCE THAT TIME HE HAS CONDUCTED CRIMINOLOGY CLASS AT NEW ENGLAND COLLEGE IN HENNIKER. HE WAS A LIEUTENANT IN THE CALVERY IN WORLD WAR I. AND A COMMANDER IN THE NAVY DURING WORLD WAR II.

AN ARDENT SHORT WAVE RADIO OPERATOR, HE MAINTAINED AN EXTENSIVELY EQUIPPED STATION AND MUSEUM ADJACENT TO HIS HOME. HE WAS A MEMBER OF THE AMERICAN RADIO RELAY LEAGUE, THE VETERANS WIRELESS RADIO OPERATORS ASSOCIATION AND A MEMBER OF THE OLD OLD TIMERS CLUB.

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CMDR. RICHARD T. SMITH

CMDR. SMITH WAS ACTIVE IN THE MASONS, THE NEW HAMPSHIRE HISTORICAL SOCIETY, THE SONS OF THE AMERICAN REVOLUTION, THE MAYFLOWER SOCIETY, THE AMERICAN LEGION, THE AMERICAN PRISON ASSOCIATION AND THE NEW ENGLAND CRIMINOLOGY SOCIETY.

HE LEAVES HIS WIFE, MRS. MARGARET SMITH; A DAUGHTER, MRS. RICHARD BRYANT OF REDONDO BEACH, CALIF; AND A STEPSON, JOHN T. BULMAN OF SEATTLE, WASH. SERVICES WILL BE HELD SUNDAY AT 2 P.M. AT THE HOLMES FUNERAL HOME, HENNIKER.

* * * * *

LARRY J. BARTON - W6YI - SK

THE FRIENDS OF LARRY BARTON, W6YI WERE DISMAYED TO LEARN THAT LARRY HAD JOINED THE SILENT KEYS IN DECEMBER 1963. LARRY WAS A VALUED MEMBER OF OUR OOTC CLUB AND WE HAVE EXTENDED OUR SYMPATHY AND SORROW TO THE FAMILY ON HIS PASSING.

LARRY, A GRADUATE OF STANDFORD UNIVERSITY, WAS THE INVENTOR OF THE CLOROX FORMULA. HE WAS THE AUTHOR OF SEVERAL BOOKS ON METALLURGY. HE WAS A RETIRED VICE PRESIDENT OF THE CLOROX CHEMICAL COMPANY.

LARRY WAS PROUD TO BE A MEMBER OF THE OLD OLD TIMERS CLUB AND THE BLUEBOOK PICTURE OF HIM WAS ONE THAT "TEMP" CAMPBELL, W6ELW, HAD TAKEN FOR BRUCE KELLEY, W2ICE OF THE AWA.

AS W6OCH HE WAS THE ONLY WEST COAST WINNER OF THE DX CONTEST. LARRY WAS A NATIVE SON OF SAN FRANCISCO AND JOINED THE U. S. ARMY AS A FLIER IN APRIL 1917. HE SHOT DOWN SEVEN ENEMY AIRCRAFT AND FOUR BALLOONS. HE WAS A MUCH DECORATED FIGHTER PILOT ACE AND HIS DECORATIONS INCLUDED THE DISTINGUISHED SERVICE CROSS, THE FRENCH CROIX-DE-GUERRA WITH STAR AND PALM, AND THE BRITISH LEASON MEDAL.

* * * * *

A POEM WRITTEN BY TOM MARTIN, K1VWZ; SENT IN BY EUNICE THOMPSON, W1MPP. (IT WAS INSPIRED BY IRVING VERMILYA JOINING THE SKS.)

THE SILENT KEY - TO WIZE

WE DARE NOT ASK THE REASON, FOR IT'S
NOT OUR RIGHT TO KNOW
THE SECRETS CARRIED DEEP ENOUGH,
SO THAT THEY DO NOT SHOW.
INSTEAD WE ALL SHOULD BOW OUR HEADS
AND ASK THE GRACE OF HE
WHO'LL WELCOME HOME TO PEACE AND REST,
ANOTHER SILENT KEY.



THOMAS M. STEVENS W6KAA

1885 - 1963

THE SACRAMENTO UNION - FRIDAY, NOV. 29, 1963:

T.M. STEVENS SERVICE SCHEDULED FOR TODAY ----SERVICES WILL BE AT 11 A.M. TODAY IN KLUMPP'S FOR THOMAS M. STEVENS, 78, A RETIRED COMMUNICATIONS CONSULTANT FOR STATE OFFICE OF CIVIL DEFENSE, WHO DIED SATURDAY IN A SACRAMENTO HOSPITAL. BURIAL WILL BE IN EAST LAWN.

STEVENS, WHOSE ENTRY INTO THE RADIO FIELD DATED BACK TO NAVY SERVICE IN 1902, RESIDED AT 5858 SHARPS CIRCLE, CARMICHAEL. HE CAME TO SACRAMENTO IN 1935 AFTER WORKING FOR DEF-FOREST WIRELESS TELEGRAPH CO., THE UNITED WIRELESS CO. AND MARCONI CO. IN TEXAS. HE WAS A RADIO OPERATOR IN THE NAVY FROM 1902 TO 1906. HE ALSO WORKED FOR RADIO MARINE CORP. OF AMERICA AFTER WORLD WAR I. DURING WORLD WAR II HE WORKED FOR FEDERAL COMMUNICATIONS COMMISSION. HE RETURNED TO SACRAMENTO IN 1950 AND BEGAN WORKING FOR THE STATE. HE RETIRED EIGHT YEARS AGO.

HE WAS A MEMBER OF THE PEGUOSSETTE LODGE AF & AM OF WATERTOWN, MASS. SURVIVING ARE HIS WIFE, EMMA BARRON; A SON, HARLAN H. STEVENS SR; SISTERS KATHRYN DALTON, HERMLONE STEVENS AND MARY LESTER, FOUR GRANDCHILDREN AND TWO GREATGRANDCHILDREN.

NOTE - THE WRITER HAS KNOWN TOM AND HAS BEEN A CLOSE FRIEND FOR MANY YEARS. HE COULD WRITE A EULOGY OF A THOUSAND WORDS BUT HE COULD NEVER EXPRESS IN BETTER WORDS THE FEW THAT WERE SPOKEN TO HIM ON 20 ONE DAY BY OUR MUTUAL FRIEND ROY ARMSTRONG, W5RIH, WHEN EXPRESSED HIS FEELINGS FOR TOM, "TOM STEVENS WAS THE BEST BOSS I EVER HAD." YE O. C. B.

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W6KAA - SILENT KEY ---

RAYMOND E. MEYERS- W6MLZ

ON NOVEMBER 29TH 1963, AT 1900 GMT, AS THE REVEREND HAROLD PARROTT READ A PASSAGE FROM PSALM TWENTY EIGHT, CIVIL DISASTER SERVICE sirens IN THE CITY OF SACRAMENTO, CALIFORNIA LET LOOSE WITH A CHORUS OF WAILING BLASTS AS IF TO ANNOUNCE THAT FUNERAL SERVICES FOR THOMAS MILTON STEVENS, W6KAA, HAD STARTED.

TRUE THE WAILING SIRENS WAS A REGULAR SCHEDULED TEST WHICH IS HELD AT ELEVEN A.M. ON THE LAST FRIDAY OF EACH MONTH IN ALL CITIES THROUGHOUT THE STATE, BUT TO THOSE SEATED IN THE CHAPEL OF THE FLOWERS AT 808 "Q" STREET, IT SEEMED TO BE IN TRIBUTE TO THE FORMER FIELD REPRESENTATIVE OF THE STATE CIVIL DEFENSE ORGANIZATION, NOW KNOWN AS THE DISASTER SERVICE.

FRIENDS AND FORMER CO-WORKERS OF DAYS OF YESTER-YEAR ATTENDED THE SERVICES TO PAY TRIBUTE TO A GREAT PIONEER IN THE FIELD OF COMMUNICATIONS. AS THEY SAT IN SILENCE, OTHER THAN THE WAILS OF THE SIRENS WHICH WERE FOLLOWED BY THE SWEET TONES OF SEVERAL CANARIES, WE HAD THE IMPRESSION THAT THEY WERE WELCOMING A WEARY TRAVELER THAT HAD STARTED OUT ON A JOURNEY TO THAT UNDISCOVERED COUNTRY FROM WHICH NO MAN RETURNS.

FOLLOWING THE "CLOSED CASKET" CEREMONY AND EULOGY BY REVEREND PARROTT, INSPECTOR HAL RICHARDS, REPRESENTING THE FREE AND ACCEPTED MASONS IN THE AREA, CONDUCTED THE IMPRESSIVE ANCIENT MASONIC SERVICES ASSISTED BY A GROUP OF FRATERNITY BRETHREN OF TOM AND HIS SON HARLAN. AT THE EASTLAWN CEMETERY, REVEREND PARROTT AGAIN OFFICIATED AT THE GRAVESIDE ACCOMPANIED BY A PATRIOTIC GROUP OF WORLD WAR I VETERANS WHO WERE ON HAND TO GIVE THE FAREWELL FIRING SQUAD VOLLY AND "TAPS" AS A MILITARY TRIBUTE TO CDR. STEVENS, USNR, (RET)

FLORAL PIECES FROM THE FOUR CORNERS OF THE NATION INDICATED THAT THE MANY FRIENDS OF TOM STEVENS HAD NOT FORGOTTEN THE TALL KINDLY TEXAN WHO HAD STARTED A CAREER IN COMMUNICATIONS, AS A WIRELESS OPERATOR WITH THE UNITED STATES NAVY IN 1902, OVER SIXTY ONE YEARS AGO. SUBSEQUENT POSITIONS WITH THE DEFOREST WIRELESS, THE OLD MARCONI COMPANY, RADIO-MARINE CORPORATION, THE FEDERAL COMMUNICATIONS COMMISSION, AND THE STATE OF CALIFORNIA, PLUS HIS NAVAL SERVICE WHICH SAW HIM RISE FROM THE RATING OF ELECTRICIAN TO THE RANK OF LIEUTENANT COMMANDER, LEFT NO DOUBT AS TO THE FACT THAT - HERE WAS A PIONEER.

HIS AFFILIATION WITH SUCH ORGANIZATIONS AS THE AMERICAN RADIO RELAY LEAGUE, THE QUARTER CENTURY WIRELESS ASSOCIATION, THE OLD OLD TIMERS CLUB, AND THE VETERAN WIRELESS OPERATORS' ASSOCIATION, A FEW OF THOSE ORGANIZATIONS WE ARE AWARE OF ATTEST TO HIS LONG RECORD AS A MEMBER OF THE AMATEUR AND MARINE RADIO SERVICES.

TO HIS WIFE EMMA BARRON STEVENS, HIS SON HARLAN, SISTERS KATHRYN DALTON, MARY LESTER AND HERMLONE STEVENS, AS WELL AS HIS CHARMING DAUGHTER-IN-LAW HELEN, HIS FOUR GRANDCHILDREN AND TWO GREAT GRAND DAUGHTERS, WE OLD TIMERS THANK YOU FOR PERMITTING YOUR HUSBAND, FATHER, GRANDFATHER AND GREAT GRANDFATHER, TO PLAY SUCH AN IMPORTANT PART IN THE LIVES OF SO MANY AMATEUR, PROFESSIONAL, AND MILITARY COMMUNICATIONS MEN AND WOMEN THAT ARE SCATTERED AROUND THIS EARTH OF OURS. WE JOIN YOU IN A COMMON HOUR OF SADNESS WITH A PRAYER THAT WHEN ST. GABRIEL, THE PATRON SAINT OF COMMUNICATIONS, ANNOUNCES OUR COMING TO THE "PEARLY GATES" THAT THE GOOD SAINT PETER WILL OPEN THE GATES LONG ENOUGH TO PERMIT US TO HAVE A SHORT QSO WITH W6KAA. WE FEEL SURE THAT HE WILL BE OPERATING A MONITORING STATION IN HEAVEN, USING HERETOFOR UNKNOWN TECHNIQUES THAT SOME DAY WE EXPERIMENTERS AND COMMUNICATORS MAY USE IN HEAVEN.

73 & 88 Tom,

FROM THOSE YOU LEFT BEHIND.

WE'LL BE SEEING YOU AMIGO.

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IRVING VERMILYA, WIZE, FIRST PRESIDENT OOTC

EARL E. CLINE, W4PPZ, LAST PRESIDENT OOTC

TWO STALWARTS OF THE OLD OLD TIMERS CLUB JOINED THE SILENT KEY COLUMN ALMOST WITHIN A MONTH OF ONE ANOTHER. NO MORE WILL THEIR SIGNALS RIDE THE AIR WAVES. CLINE, W4PPZ, WITH HIS STACCATTO ACCENTS, EVER POLITE AND ENGAGING; IRVING WITH THE MOST BEAUTIFUL C.W. FIST ON THE AIR. GOD REST THEIR SOULS!

IRVING VERMILYA WAS A LEGENDARY CHARACTER, THE HOLDER OF THE NUMBER ONE (1) AMATEUR RADIO LICENSE ISSUED ON DECEMBER 12, 1912 (12-12-12) BY THE BROOKLYN NAVY YARD, THE KING OF THE AMATEURS, THE OWNER OF AS PRETTY A FIST AS EVER WORKED A KEY. IRVING WAS A FRIENDLY, AFFABLE MAN, WHO HAD CORRESPONDENCE WITH RADIO OPERATORS FROM ALL CORNERS OF THE GLOBE. HE HAS CHATTED OVER THE AIR WAVES WITH RICH AND POOR, HUMBLE AND MEEK, AND WITH THE NATION'S MILITARY ARMS.

HE WAS ON FRIENDLY TERMS WITH ALL THE GREATS OF THE ART BOTH PAST AND PRESENT, DR. LEE DEFEST, MAJOR EDWIN H. ARMSTRONG, GUGLIELMO MARCONI, AND DAVID SARNOFF. IN FACT HE WAS ON THE SCENE AT SIGNAL HILL, ST. JOHN, NEWFOUNDLAND, WHEN MARCONI THE DEVELOPER OF WIRELESS TELEGRAPHY MADE HIS FIRST SUCCESSFUL TRANS-ATLANTIC SIGNAL RECEPTION, IN 1901. DURING THE EARLY 1900'S BEFORE LICENSING BEGAN, HE OPERATED "VN" FROM MT. VERNON. "ELECTRONICS ILLUSTRATED" IN A RECENT ARTICLE STATED THAT HE RECEIVED THE FIRST CERTIFICATE OF PROFICIENCY ISSUED BY THE DEPARTMENT OF LABOR IN 1912. IN 1906 THE UNITED WIRELESS CO., OFFERED HIM A JOB AS WIRELESS OPERATOR ON THE "CARACAS", MAINLY TO GET "VN" OFF THE AIR. DURING THE NEXT NINE YEARS HE SAILED ALL OVER THE WORLD AS AN EMPLOYEE OF THE MARCONI CO. WHICH SUCCEEDED UNITED WIRELESS. SHORTLY BEFORE WW1 HE WAS STATIONED AT WELLFLEET AS MANAGER OF THE RCA OVERSEAS STATION. HE ENLISTED IN THE NAVY AT PROVINCE-TOWN WHEN THE WAR STARTED AND BECAME OFFICER-IN-CHARGE OF THE WELLFLEET STATION.

HE INSTALLED AND OPERATED A POLICE RADIO SYSTEM FOR NEW BEDFORD AND FAIRHAVEN UNTIL THOSE COMMUNITIES ACQUIRED THEIR OWN EQUIPMENT IN THE LATE 1930'S.

IN MAY 1921 HE LAUNCHED A RADIO STATION IN NEW BEDFORD NOW WNBH, THE THIRD STATION IN NEW ENGLAND AND THE ELEVENTH IN THE U.S. HE CONTINUED AS OWNER-OPERATOR UNTIL ITS TRANSFER TO E. ANTHONY & SONS IN 1934. HE REMAINED AS MANAGER UNTIL 1941 AND BECAME CHIEF ENGINEER UNTIL HE RETIRED IN 1955.

IN 1947 WHEN HUBERT INGALLS, WINQ, CONCEIVED OOTC, HE PUT THE PROPOSITION UP TO IRVING, WIZE, AND ROLAND BOURNE, W1ANA, AND THEY DEVISED THE CONSTITUTION OF OOTC. IRVING WAS MADE THE FIRST PRESIDENT.

FOR MANY YEARS IRVING HAS BEEN MCING THE THURSDAY NIGHT 75 METER ROUND TABLE AND HAS SHARED THE DUTIES OF NET CONTROL WITH EARL WILLIAMS, W2EG OUR PRESENT SECRETARY-TREASURER.

AND SO ENDS THE SAGA OF A GREAT MAN OF THE ART, A GREAT AMATEUR, A GREAT COMMERCIAL OPERATOR, A GREAT TECHNICIAN, AND ONE OF THE GREATS OF OUR OLD OLD TIMERS CLUB. HE WAS ONE OF THE FOUNDERS OF OUR CLUB, THE FIRST PRESIDENT, AND A STAUNCH SUPPORTER. AS EUNICE, WIMPP SAYS, "HE IS AT PEACE AND I'M SURE HIS SOUNDER WILL REACH THE INNER SANCTUMS OF MANY SOULS AND KEEP US IN LINE."

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NUMBER 19 PAGE 30

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FIRST AND LAST OOTC PRESIDENTS (CONTINUED)

EARL E. CLINE, W4PPZ, PRESIDENT OF OOTC, EDITOR AND PUBLISHER OF "SPARK-GAP TIMES", OR AS HE CALLED HIMSELF: "YE OLDE COPPYE BOYE" HAS DONE HIS LAST CHORE FOR OOTC AND GONE TO HIS REWARD. HE GOT A TREMENDOUS KICK OUT OF DOING SOMETHING FOR OOTC. AS LONG AS HE FELT GOOD NO JOB FOR OOTC WAS TOO LONG OR TOO ARDUOUS.

HE WAS ALWAYS THINKING ABOUT OOTC AND "SPARK-GAP TIMES". I REMEMBER WHEN HE STARTED IT AS A NEWSLETTER FROM THE PRESIDENT'S OFFICE AND HE CALLED IT "BLABBERMOUTH". THIS NAME RUBBED SOME OF THE MEMBERS THE WRONG WAY. HE ASKED ME TO MAKE A "BLABBERMOUTH" MASTHEAD WHICH I DID. WE HAD JUST GOT IT LAUNCHED NICELY WHEN THE COMPLAINTS ABOUT THE NAME REALLY BEGAN TO ROLL IN. A QUESTIONNAIRE WAS SENT OUT TO ALL MEMBERS, AND WHAT A VARIETY OF NAMES CAME BACK! CLINE READ THEM TO ME AND CHUCKLED WITH GLEE AT THE RATHER WARM REMARKS MADE ABOUT "BLABBERMOUTH" BY SOME MEMBERS. I THINK IT WAS ERICSON, WINF WHO SUGGESTED "SPARK-GAP". SOMEONE ELSE SUGGESTED A NAME THAT HAD "TIMES" IN IT AND CLINE PUT THE TWO TOGETHER AND NAMED IT "SPARK-GAP TIMES". SO I MADE ANOTHER MASTHEAD FOR HIM.

ALONG IN 1961 HE BEGAN TALKING TO ME ABOUT THE BLUEBOOK. I HAD MY HANDS FULL WITH MY JOB, ROTARY CLUB, CIVIC ACTIVITIES, AND AN AMUSEMENT PARK. HE TOLD ME SUCH A PITIFUL STORY ABOUT THE CLUB'S EFFORTS TO GET A BLUEBOOK GOING THAT HE ALMOST HAD ME IN TEARS AND I AGREED TO TAKE THE JOB ON. I BOUGHT A TYPEWRITER LIKE THE ONE CLINE WAS USING AND YOU KNOW THE REST OF THE STORY. I WAS WORKING ON IT IN DECEMBER, GETTING OUT THE 1963-64 SUPPLEMENT WHEN I WAS INTERRUPTED. CLINE WAS ABLE TO GET THE FIRST SHEETS OF THE BLUEBOOK PRINTED AT THE EARNEST HOLMES CO., WHERE HE HAD BEEN EMPLOYED AS CHIEF ENGINEER BUT THAT SOON WORE OUT AND CLINE DECIDED TO BUY AN OFFSET PRESS. WE LOOKED AT SEVERAL USED ONES AND FINALLY MADE A DEAL ON ONE FOR AROUND \$1150.00. CLINE STUDIED THE MANUAL CAREFULLY AND IN A SHORT TIME WAS DOING A PRETTY GOOD JOB OF PRINTING. HE HAD BEEN GETTING "SPARK-GAP TIMES" PRINTED AT EARNEST HOLMES CO. AND NOW HE WAS ABLE TO PRINT IT HIMSELF. MRS. CLINE SAID THE PRESS SOMETIMES RAN ALL DAY AND FAR INTO THE NIGHT WHEN CLINE WAS GETTING OUT AN SGT ISSUE.

I THINK THAT YOU GET THE PICTURE — THE TWO PAGE "BLABBERMOUTH", THE PRINTING DONE AT THE HOLMES CO.; THE INCREASING SIZE OF BLABBERMOUTH AND SGT, UNTIL THE DECEMBER ISSUE WAS 42 PAGES; TYPING THE MASTERS FOR 42 PAGES, ASSEMBLING IT, PRINTING IT, PRINTING THE BLUEBOOK PAGES, CARRYING ON A HEAVY CORRESPONDENCE — IT WAS TOO MUCH FOR HIM. I FEEL GUILTY FOR NOT HAVING OBSERVED WHAT HE WAS DOING TO HIMSELF.

CLINE WAS A "DIED IN THE WOOL" AMATEUR! HE KNEW THE GAME INSIDE OUT. HE STARTED IN 1908 WITH A HOME MADE COHERER AND DECOHERER, OATMEAL BOX TUNER AND A SPARK COIL TRANSMITTER. FROM THERE HE PROGRESSED WITH THE ART AND IN THE 50'S BUILT A CONSOLE RIG THAT COULD LAY A SIGNAL DOWN ANYWHERE WITH PROPAGATION CONDITIONS BEING NORMAL. CLINE HAD NEVER BEEN A COMMERCIAL OPERATOR. IN SOME WAYS THIS IS LIKE A CHAR WHO HAS NEVER BEEN TO COLLEGE. HE WAS ALL AMATEUR AND HE SEEMED TO BE A BIT APOLOGETIC ABOUT THIS. HE SEEMED TO HAVE A SPECIAL KIND OF ADORATION FOR INGALLS, VERMILYA, BOURNE, ELLSWORTH, ETC. HE OFTEN MADE THE REMARK TO ME "MY, BUT WE HAVE SOME VERY DISTINGUISHED MEMBERS IN OOTC."

HE CARRIED ON A VERY HEAVY CORRESPONDENCE WITH MANY MEMBERS OF THE CLUB THERE BEING ABOUT 150 THAT HE AVERAGED A LETTER TO EVERY COUPLE OF MONTHS. AS EVIDENCE OF HIS POPULARITY I HAVE ANSWERED LITTERALLY DOZENS OF LETTERS ANSWERING THE GENERAL LETTER I SENT OUT ABOUT HIM, ALL OF THEM EXPRESSING SORROW AT HIS PASSING. WELL THERE ISN'T MUCH MORE TO WRITE EXCEPT THAT CLINE WILL NEVER BEFORGOTTEN. HE HAD THE ATTRIBUTES OF PATIENCE, TOLERANCE, AND A SENSE OF HUMOR WHICH STOOD HIM IN GOOD STEAD. WE'LL NEVER FIND ANYBODY LIKE CLINE WHO LOVED OOTC AS HE DID AND WAS WILLING TO WORK HIMSELF LITERALLY TO DEATH FOR IT. HASTA LA VISTA, AMIGO!

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THIS SPACE AVAILABLE FOR
ADVERTISING. CONTACT THE
EDITOR FOR DETAILS.

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19 BLACKWOOD DRIVE
TRENTON 8, N.J.

MEMBERSHIP & PUBLICITY
WM. J. MCKEE, W1KC
240 MORELAND STREET
WORCESTER 9, MASS.

ASSISTANT SECRETARY
WALLACE H. LELAND, W2WL
2457 LOFT AVENUE
BALDWIN, N.Y.

NET MANAGER
ROY E. ARMSTRONG, W5RIH
RFD 1 - Box 60 - 8
LEANDER, TEX.

1913 LISTING CHAIRMAN
WM. B. GOULD, K2NP
926 WOODGATE AVENUE
ELBERON, N.J.

HONORABLE FOUNDER
HUBERT E. INGALLS, W1NQ
RFD
EPPING, N.H.

* * * * *

FIRST 13 ORIGINAL MEMBERS

#1 HUBERT E. INGALLS
HONORABLE FOUNDER
#2 IRVING VERMILYA
#3 ROLAND BOURNE
#4 JOHN E. WILKINSON
#6 FRANKLIN STANDISH
#7 ARTHUR A. STOCKELLBURG
#8 CLARENCE PFEIFER

W1NQ
W1ZE*
W1ANA
W1TK
W1JZU*
W1SS
W2FG

#9 H. W. LIPPINCOTT W2DH
#10 ERIC LEAVENS W2OUS*
#11 LEWIS SPRINGER W2ENX*
#12 LELAND K. SWART W2RBH
#13 CHAS. W. WEBBER W3CC
#14 ROBT. S. FENIMORE W4TY

* — SILENT KEY

* * * * *

100	LETTERHEADS	-----	\$2.00
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