

Spark-Gap Times



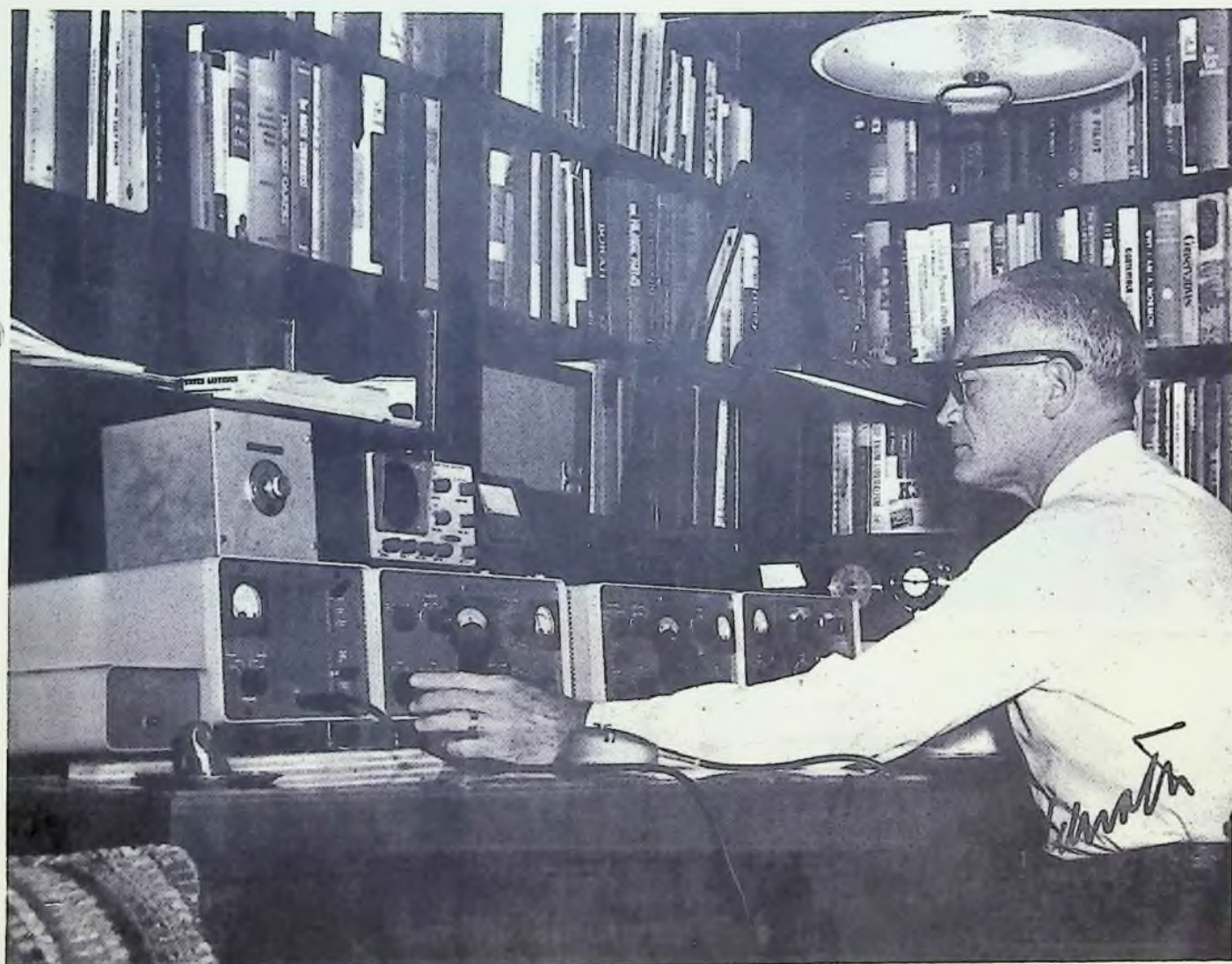
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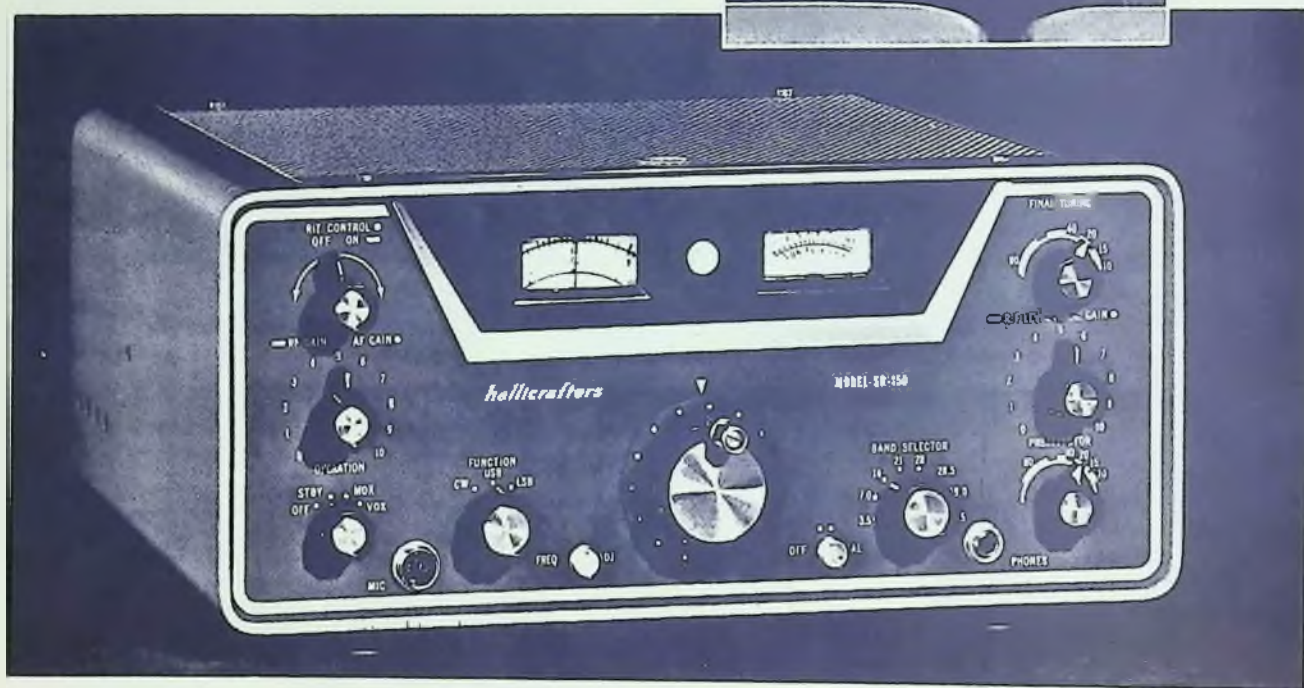
OCTOBER 1964



BARRY GOLDWATER K3UIG / K7UGA
U.S. SENATOR, REPUBLICAN PRESIDENTIAL NOMINEE,
PROMINENT MEMBER OOTC

All this performance for only \$650⁰⁰!

Full amateur band coverage, 80 through 10 meters • Hallicrafters exclusive new R.I.T. (Receiver Incremental Tuning) for ± 2 kc. adjustment of receiver frequency independent of transmitter, and AALC (Amplified Automatic Level Control) • Receiver AF gain and RF gain controls • SSB operation, VOX or PTT . . . CW operation, manual or break-in • 1650 kc. crystal filter . . .



SPECIFICATIONS

Frequency coverage: Eight-band capability — full coverage provided for 80, 40, 20, 15 meters; 10M crystals furnished for operation on 28.5 — 29.0 Mc. Other crystals may be added for full 10 meter coverage without adjustment. Available for operation on specified non-amateur frequencies by special order.

Front panel controls: Tuning; Band Selector; Final Tuning; RF Level; Mic. Gain; Pre-Selector; R.I.T.; Rec. RF Gain; AF Gain; Operation (Off/Standby/MOX/VOX); Function (CW/USB/LSB); Cal.

General: Dial cal., 5 kc.; 100 kc. crystal cal.; VFO tunes 500 kc.; 18 tubes plus volt. reg., 10 diodes, one varicap. Rugged, lightweight aluminum construction (only 17½ lb.); size—6½" x 15" x 13".

Transmitter Section: (2) 12DQ6B output tubes. Fixed, 50-ohm Pi network. Power input—150W P.E.P. SSB; 125W CW. Carrier and unwanted sideband suppression 50 db.; distortion prod., 30 db. Audio: 400-2800 c.p.s. @ 3 db.

Receiver Section: Sensitivity less than 1 μ v for 20 db. signal-to-noise ratio. Audio output 2W; overall gain, 1 μ v for ½ W output. 6.0 — 6.5 1st I.F. (tunes with VFO). 1650 kc. 2nd I.F.

Accessories: P-150AC, AC power supply, \$99.50. P-150DC, DC power supply, \$109.50. MR-150 mounting rack, \$39.95.



New
SR-150 Fixed/Mobile
Transceiver *hallicrafters*

Overseas sales: Export Division, Hallicrafters • Canada: Gould Sales Co., Montreal, P.Q.

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OUR COVER PICTURE

BARRY, K3UIG/K7UGA AT HIS RIG. WE THINK THAT BARRY'S NOMINATION FOR THE PRESIDENCY OF THE UNITED STATES IS THE GREATEST THING THAT EVER HAPPENED TO AMATEUR RADIO. BARRY MADE A GREAT (NON-POLITICAL) SPEECH AT THE RECENT ARRL CONVENTION IN NEW YORK. WE ARE PROUD TO HAVE YOU AS A MEMBER OF OOTC, BARRY! (HERB HOOVER, JR., W6ZH, ALSO JOINED OOTC DURING SEPTEMBER 1964. WELCOME, HERB, GLAD TO HAVE YOU ABOARD!)

EDITORS OPINION

THE A.R.R.L. 50TH ANNIVERSARY CONVENTION IS FAST FADING INTO THE PURPLE SHADES OF MEMORY. IT WILL GO DOWN IN THE ANNALS OF AMATEUR RADIO AS THE FINEST CONVENTION OF ALL TIME — A MOST MEMORABLE AFFAIR. I SURELY AM GLAD THAT I WENT. I WOULDN'T HAVE MISSED IT FOR THE WORLD.

HARRY DANNALS, W2TUK; STAN ZAK, K2SJO; FRANK FRIMMERMAN, W2FZ; AND HENRY LEVOW, W2NLL; AND THE VARIOUS COMMITTEE CHAIRMEN DESERVE THE UTMOST CREDIT FOR PUTTING ON THIS MAGNIFICENT CONVENTION. OUR HATS ARE OFF TO YOU, HARRY, AND YOUR FINE COMMITTEE.

THE PROGRAM FROM START TO FINISH WAS INTERESTING, STRIKING, INSTRUCTIVE, AND INFORMATIVE. IT COVERED ALL PHASES OF AMATEUR RADIO. THE EXHIBITS WERE MOST COMPLETE AND OUR FRIENDS HALLICRAFTERS AND MOSLEY HAD FINE DISPLAYS. THE ANTIQUE WIRELESS ASSOCIATION HAD A FINE EXHIBIT IN THE SHOW UNDER THE AUSPICES OF BRUCE KELLEY, W2ICE AND LINC CUNDALL, W2QY. THERE WERE QUITE A FEW OOTC MEMBERS THERE INCLUDING MERRILL BEAM, K2BX; LINCOLN CUNDALL, W2QY; DICK KLEINBERGER, W2AEC; BILL GOULD, K2NP; FRANK MATEJKA, W1MT; FRANK ATLEE, K2PI; BARRY GOLDWATER, K3UIG/K7UGA; ED RASER, W2ZI; DICK EGOLF, W2WX; JOHN HERLAND, W2MDB; AND LAST BUT NOT LEAST (BY ANYMEANS), HAL VORHIS, "NDM". I EXPECT I HAVE OMITTED THE NAMES OF SEVERAL OOTC MEMBERS WHO WERE IN ATTENDANCE AT THE CONVENTION FOR WHICH I AM SORRY.

THE "GRAND GATHERING OF OLD TIME WIRELESS OPERATORS" WAS A HUGE SUCCESS. THE SHOW PRODUCED BY BRUCE KELLEY, W2ICE; LINC CUNDALL, W2QY (OOTC MEMBER) AND THEIR ASSOCIATES WAS WONDERFUL. IT BEGAN WITH TELEGRAPH EQUIPMENT AND WENT RIGHT ON THROUGH THE YEARS WITH EARLY SPARK AND ARC RIGS RIGHT UP TO MODERN TIMES. IT HAD ALL THE SOUND EFFECTS SUCH AS A DYING ROTARY SPARK GAP ON THE SIGN OFF TO A BOTTLE OUTFIT WITH RAW A.C. ON THE PLATES. EARL WILLIAMS, W2EG, AND ED RASER, W2ZI BOTH APPEARED IN THE FILM INTRODUCING ANTIQUE GEAR. IT WAS A "HONEY OF A SHOW" AND WE ENJOYED EVERY MINUTE OF IT.

YE OLDE COPPYE BOYE, No.2 STARTED THE SESSION OFF BY CALLING ON ALL MEMBERS PRESENT TO RISE WHEN THE ORGANIZATION TO WHICH THEY BELONGED WAS NAMED. WE NAMED THE RADIO CLUB OF AMERICA, THE VETERAN WIRELESS OPERATORS ASSOCIATION, THE OLD OLD TIMERS CLUB, THE OLD

TIMERS CLUB, THE QUARTER CENTURY WIRELESS ASSOCIATION, THE ANTIQUE WIRELESS ASSOCIATION, AND THE A.R.R.L. YES I KNOW, THERE ARE OTHER IMPORTANT ORGANIZATIONS UNNAMED.

THEN WE CALLED OFF THE NAMES OF THE OLD COMPANIES, MARCONI (AMERICAN & BRITISH), UNITED WIRELESS, DEFOREST WIRELESS, TROPICAL, RCA, INTERCITY, ARMED SERVICES, INDEPENDANT COMPANIES. IT WOULD HAVE WARMED YOUR HEART TO HAVE SEEN THEM STAND UP.

NEXT WE CALLED ON THE AMATEUR LICENSEES TO STAND, COVERING PERIODS CLEAR BACK TO 12-12-1912. THEN WE ASKED FOR THOSE WHO HAD STATIONS BEFORE 12-12-1912 AND WE EVEN HAD SOME OF THOSE PRESENT. THE ROOM THE MEETING WAS HELD IN WAS PACKED. I GOT A TREMENDOUS KICK OUT OF THE OLD TIMERS SESSION.

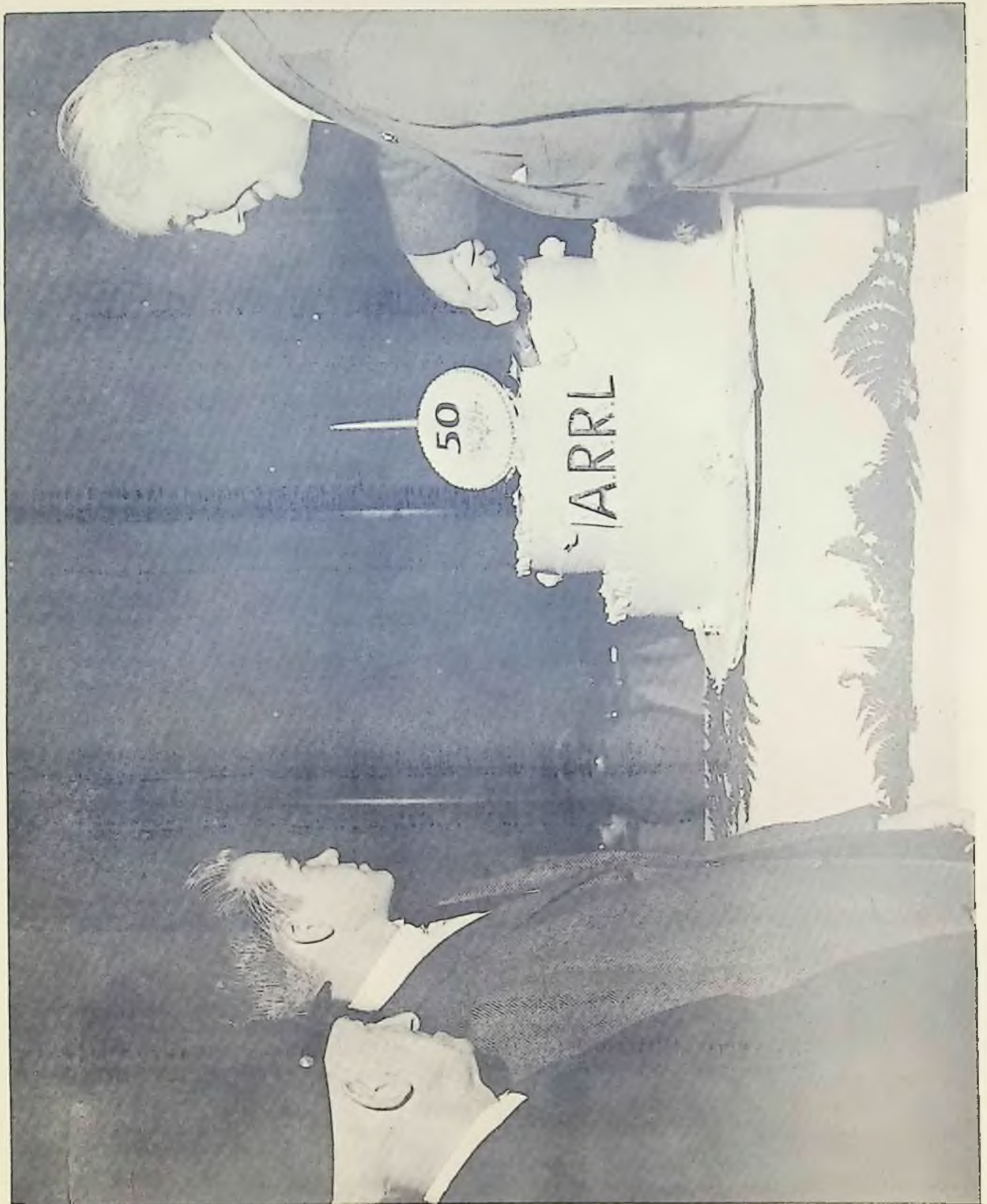
OF COURSE THE HIGH POINT OF THE CONVENTION WAS THE BIG BANQUET AND BARRY GOLDWATER'S ADDRESS. WE HAD THE PLEASURE OF MEETING HIM AND EXCHANGING A FEW WORDS WITH HIM. WE SAT AT THE HEAD TABLE BETWEEN JOHN DIBLASI, W2FX (PRESIDENT OF QCWA) AND RALPH HEINTZ, W6RH FAMOUS WEST COAST AMATEUR WHO BUILT ALL OF BYRD'S EQUIPMENT FOR THE POLAR EXPEDITIONS. JOHN DIBLASI AGREED TO JOIN THE OOTC IF I WOULD JOIN QCWA WHICH IS FAIR ENOUGH. WE ARE SURELY HAPPY TO HAVE THIS FAMOUS HAM AS A MEMBER OF OOTC. I HAVE SENT HIM MEMBERSHIP BLANKS AND AM EXPECTING TO RECEIVE QCWA BLANKS.

BARRY MADE AN EXCELLENT ADDRESS. THERE WAS NOTHING POLITICAL ABOUT IT. THE ONLY REFERENCE HE MADE THAT MIGHT BE CONSIDERED POLITICAL WAS RIGHT AT THE END WHEN HE MENTIONED THAT HE WOULD PROBABLY NEED SOME ASSISTANCE IN PUTTING UP HIS BEAM ON PENNSYLVANIA AVE., IN WASHINGTON.

WE BELIEVE THAT BARRY GOLDWATER'S CHOICE AS A CANDIDATE FOR THE PRESIDENCY OF THE UNITED STATES IS THE GREATEST THING THAT EVER HAPPENED TO AMATEUR RADIO.

DON GUPTILL, W1AOG HAS WRITTEN A LETTER TO SPARK-GAP TIMES SUGGESTING THAT HE INSTITUTE A POSTCARD SERVICE REGARDING LICENSE EXPIRATION OF MEMBERS. SEE IT UNDER LETTERS AND LET US HAVE YOUR COMMENTS.

"BABE" CHARBONEAU, W1SDT, SUGGESTS THAT A BAR PIN BEARING THE LEGEND 50 YEARS BE DESIGNED TO BE WORN JUST BELOW THE OOTC PIN BY THOSE MEMBERS WHO QUALIFY. WE THINK IT IS A GOOD IDEA. EARL WILLIAMS, W2EG HAS BEEN APPOINTED CHAIRMAN OF A COMMITTEE TO CHECK THIS IDEA OUT.
—YOCB 11



HERBERT HOOVER, JR., W6ZH, CUTTING THE ARRL 50TH BIRTHDAY CAKE, WITH CHARLIE KAHN, K2GZ AND MARK HOLSTIUS (CALL NOT KNOWN), LOOKING ON. THIS TOOK PLACE AT THE 50TH ANNIVERSARY OF ARRL CONVENTION, IN NEW YORK CITY AUGUST 21, 1964. HERB IS PRESIDENT OF ARRL.

LETTERS

YOCB-11:

I WILL HAVE A FEATURE STORY ON MY EXPERIENCES AS A PIONEER RADIO INSPECTOR IN A FORTH COMING ISSUE OF ELECTRONICS ILLUSTRATED; IT WILL PROBABLY APPEAR IN NOVEMBER OR DECEMBER ISSUE BUT MAY MAKE IT IN THE OCTOBER ISSUE. AS I THINK IT WILL BE OF INTEREST TO MANY OF THE OOTC MEMBERS (PARTICULARLY GEORGE STERLING) DO YOU WANT TO PUT A NOTE TO THIS EFFECT IN THE NEXT ISSUE OF SGT?

VERY "73"

W7OE

YOCB-11:

ANOTHER FINE ISSUE OF SGT AND I KNOW WHAT A CHORE IT IS TO MAKE UP AND EDIT A PAPER LIKE THIS; I'VE DONE A NUMBER IN THE PAST AS YOU KNOW. TOO, KNOWING THE TIME PRESSURE ON YOU MAKES ME JOIN IN HOPING THAT YOU CAN EVENTUALLY FIND SOME ONE TO TAKE OVER THE EDITORIAL DUTIES, ALTHOUGH YOU'RE MOST CERTAINLY DOING A SPLENDID JOB; WE'LL BE SORRY TO SEE YOU RELIEVED IF SUCH HAPPENS.

IT IS REALLY GOOD TO KNOW THAT ROB-ROY HAS AGAIN COME TO THE FRONT TO HANDLE THE BLUE BOOK; HOW DOES THAT GUY FIND TIME TO DO SO MUCH? ALL THE LITHO WORK ETC. FOR SGT IS JUST ABOUT A FULL TIME JOB IN ITSELF; NOW THE BLUE BOOK AND I RATHER GUESS HE HAS TO DO SOMETHING TO FEED AND CLOTHE THE FAMILY AS WELL; WHAT A GUY! WE ALL OWE HIM A SINCERE VOTE OF THANKS SO HERES' MINE.

THE LETTERS YOU PRINTED FROM TWO CORRESPONDENTS, IN THE AUGUST ISSUE, WHEREIN THEY EXPRESS DISPLEASURE WITH SGT AND BLUE BOOK; WELL THATS' THEIR PRIVILEGE; SORRY THEY SEE IT THAT WAY THOUGH. ACTUALLY, I FEEL SORRY FOR ANY GUY OLD ENOUGH TO BE AN OOTC MEMBER WHO CAN'T APPRECIATE THE NOSTALGIC REMINISCING; 99 PLUS PERCENT OF THE REST OF US REALLY EAT IT UP! AND, MAYBE THE PLAINT FROM THE FELLER WHO HAS ALWAYS BEEN A HAM, NEVER A COMMERCIAL OR MILITARY OP, HAS SOME MERIT, AT THAT, ALTHOUGH MOST OF THE HAMS OF MY DAY (INCLUDING RIGHT NOW AS WELL) HAVE A RATHER KEEN INTEREST IN ANY KIND OF RADIO OPERATION BE IT HAM, COMMERCIAL, MILITARY OR WHAT HAVE YOU. TRUE, THE GENERAL IMPRESSION IS THAT OOTC IS STRICTLY AN

ORGANIZATION OF OLD TIME HAMS, PROBABLY BECAUSE ALL OF ITS' FOUNDERS WERE HAMS AND SO MANY MEMBERS ARE STILL ACTIVE IN THE HAM FIELD. WE CAN'T LOSE SIGHT OF THE FACT HOWEVER, THAT A VERY LARGE PROPORTION OF THE MEMBERSHIP SERVED AS RADIO OPERATORS IN SOME COMMERCIAL OR MILITARY SERVICE, MANY FOR A GOOD MANY YEARS; HAMMING TO THEM NOW REPRESENTS THEIR RECREATION AND HOBBY BUT THEY HAVE A WORLD OF PROFESSIONAL MEMORIES AND ALMOST ALL OF THEM COULD CONTRIBUTE A GOOD MANY ANECDOTES AND FILL SGT TO AS MANY PAGES AS THE TRAFFIC WOULD BEAR! A GOODLY NUMBER OF THEM HAVE ALREADY DONE SO AND CONTINUE TO CONTRIBUTE. I'M SURE WE HAVE ALL INTENSELY ENJOYED GEORGE STERLINGS CONTINUING R.I.D. SERIES; IT'S DRAMATIC AND EXCITING AS WELL AS INFORMATIVE.

AND THE CONTRIBUTIONS OF W6JF, W1PH VIA K2NP AND W4IE, NOT TO FORGET OUR MOST EXCELLENT LATIN AMERICAN CONTRIBUTOR, LU2AO; ALL OF THIS MATERIAL IS WONDERFUL! MAKES YOU WONDER WHAT SOME OF THE FEW WHO TAKE A NARROW OUTLET OF THE CONTENTS OF SGT, REALLY WANT; MAYBE THEY'D BETTER START A PAPER MORE IN KEEPING WITH THEIR DESIRES!

ENOUGH OF THAT THOUGH; I'M A BUSY MAN, AS YOU KNOW AND AM FOREVER MEETING DEAD-LINES ESTABLISHED BY BOOK AND MAGAZINE EDITORS, BUT JUST THE SAME, I'M SQUEEZING OUT A LITTLE PIECE FOR SGT; IT'S MY TURN TO SHOW UP AGAIN I GUESS, SO YOU'LL FIND IT ENCLOSED.

"73"

"YB"- W 7 O E

DANA POINT, CALIF.

DEAR EARL, W2EG:

EVEN THOUGH I AM THE PROUD POSSESSOR OF THE O.O.T.C. DIPLOMA WITH THE "50 YEAR" STICKER ON IT INDICATING THAT I AM A LIFE MEMBER, I FEEL LEFT OUT IF I DON'T SEND SOMETHING FOR THE KITTY SO AM ENCLOSING SOME- CASH FOR THE FELINE.

EVERY TIME I RECEIVE ANOTHER EDITION OF THE SPARK GAP TIMES I READ IT AS AVIDLY AS I DID THE ELECTRO IMPORTING CO. CATALOG IN THE OLDEN DAYS. AND IT'S GETTING BETTER AND BETTER TOO. THE CUTS AND PRINTING ARE NOTICEABLY BETTER. KEEP UP THE GOOD WORK ALL YE FINE PEOPLE.

"73"

BEN JACKSON, W6JF

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YOCB-11: LETTERS CONTINUED:

8009 MIDNIGHT PASS RD.
YOCB-11: SARASOTA, FLA.

SINCE JOINING OOTC SOME SIX MONTHS AGO, I DON'T KNOW WHEN I'VE ENJOYED ANYTHING MORE THAN READING THE STORIES IN SPARK GAP TIMES, MOST OF WHOSE WRITERS I'VE KNOWN OR KNOWN OF IN EARLY HAM DAYS BEFORE COMING TO FLORIDA 40 YEARS AGO TO LIVE.

UNDERSTANDABLY, THEY REVIVE EARLY EVENTS AND MEMORIES I THOUGHT LONG FORGOTTEN AND PERHAPS I COULD ADD A FEW OF MY OWN FOR SGT, IF YOU FIND THEM INTERESTING ENOUGH. MOSTLY, THEY HAVE A TOUCH OF HUMOR, WHICH SEEMS TO BE THE THINGS I REMEMBER BEST FROM THE DARK AGES OF HAM RADIO.

SO, HERE GOES. IF YOU WANT TO EDIT OR PLACE IN FILE 13 IT'S ALRIGHT BY ME. I'LL WRITE THIS CHAPTER ON SEPARATE SHEETS, DOUBLE SPACED, IF IT WILL HELP THE PROBLEMATIC PRINTER. YOU ARE AT LIBERTY TO REVISE THE TITLE, IF YOU THINK OF A BETTER ONE.

GOD GIVE YOU STRENGTH - AND KEEP UP THE GOOD WORK.

SINCERELY,
CHARLIE

CHARLES SERVICE W4IE

249 E. PEACH ORCHARD RD.
DAYTON, OHIO 45419

EARL, W2EG:

HERE ARE SEVERAL PHOTOS TAKEN AT THE DAYTON HAMVENTION 4/25/64. I MANAGED TO GET SIX OF US OOTC MEMBERS TOGETHER AT OUR QCWA BOOTH, WHICH I HAD CHARGE OF.

THOUGHT YOU MIGHT BE INTERESTED IN THEM.

BY THE WAY WHAT HAS HAPPENED TO THE BLUE BOOK DIRECTORY - HAVE NOT RECEIVED ADDITIONAL BIOGRAPHY PAGES (INCLUDING MY OWN) FOR A LONG TIME?

BEST "73'S"

WILLIAM G. BIDDLE, K8UZ

YOCB-11

ENCLOSED FIND CLIPPING FROM OUR GOOD FRIEND HAROLD VOORHIS. THIS SHOWS WHAT CAN BE DONE IF THE BOYS GET TOGETHER.

I AGREE WITH PRESIDENT KENNEDY WHEN HE SAID, "IT ISN'T WHAT THE COUNTRY CAN DO FOR YOU, IT IS WHAT YOU CAN DO FOR YOUR COUNTRY". IN OTHER WORDS, IT IS NOT WHAT THE OOTC CAN DO FOR YOU, IT IS WHAT CAN YOU DO FOR THE OOTC.

FROM TIME TO TIME, WE HAVE BEEN ASKED ABOUT WHETHER WE HAVE ANY NETS OR ROUNDTABLES. THE

ANSWER IS YES. THE BOYS IN THE NORTH-EASTERN SECTION HOLD A ROUNDTABLE EVERY THURSDAY NIGHT AT 6:30 P/M. THIS INCLUDES MEMBERS IN THE 1ST-2ND & 3RD DISTRICTS. THESE ARE VERY WELL ATTENDED AND AT THE LAST MEETING ON THURSDAY THE 6TH, THERE WERE 25 PRESENT.

OUR NET CHAIRMAN, ROY ARMSTRONG, W5RIH, HAS TRIED MANY TIMES IN THE PAST TO FORM OTHER NETS WITHOUT SUCCESS. IT IS ENTIRELY UP TO YOU TO START OTHER ROUNDTABLES IN OTHER PARTS OF THE COUNTRY. GET IN TOUCH WITH ROY AND HE WILL HELP YOU GET STARTED.

73 - W2EG

EARL C. WILLIAMS, SEC.TREAS.

ST. CHARLES, ILLINOIS

MAY 27, 1964

DEAR EARL, W2EG:

FIRST OF ALL, HERE IS A CHECK TO HELP THE KITTY.

ALSO, SOMEWHERE ALONG THE LINE YOU WANTED TO KNOW SOMETHING ABOUT ONE OF THE OLD OLD TIMERS - W9RA. HIS NAME IS GEORGE JOYCE; HE NO LONGER HOLDS A LICENSE BUT HE AND HIS BROTHER ARE STILL RUNNING THE OLDEST RADIO JOBBING HOUSE IN THE UNITED STATES - THAT IS, THE CHICAGO RADIO APPARATUS CO., INC., 415 SOUTH DEARBORN STREET, CHICAGO, ILLINOIS 60605.

I THINK THEY STARTED THEIR BUSINESS ABOUT THE SAME TIME I STARTED MINE - 1922, BUT BACK IN 1908 AND 1910 THERE WERE THREE JOYCE BROTHERS - RAY, GEORGE AND BILL. ALL OF THEM WERE "HAMS" IN THE DAYS OF MORSE AND THEIR CALL WAS "BZ". THEY WERE ON THE AIR ALL OF THE TIME AND ALL OF THEM WERE EXCELLENT OPERATORS. BILL NEVER WENT INTO THE RADIO BUSINESS, BUT RAY AND GEORGE ARE STILL AT IT. THEY ALWAYS COULD PAY THEIR BILLS AND STILL DO.

PLEASE GET MY NAME STRAIGHT THE NEXT TIME YOU PUT OUT A ROSTER. YOU'VE GOT ME J. MCWILLIAMS BUT YOU LEFT THE STONE OFF.

I AM HAVING GREAT FUN WITH MY GEAR, WHICH I DON'T UNDERSTAND ANYTHING ABOUT. THE ONLY THING THAT IS ANY GOOD AFTER BEING OFF THE AIR FOR FORTY-SIX YEARS IS MY FIST.

THANKS FOR EVERYTHING THAT YOU ARE DOING.

"73"

MAC

J. MCWILLIAMS STONE, W9LH

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YOCB-11 LETTERS CONTINUED:

EARL, W2EG: MEDFORD, MASS

IN THE WASHINGTON AMATEUR RADIO NEWS WAS ABOUT A SERVICE THE CLUB GIVES TO ALL HAMS. IT IS CALLED LICENSE EXPIRATION NOTICE.

1. ADDRESS A POSTAL CARD, (NO OTHER FORM ACCEPTED) TO YOURSELF.
2. AT TOP OF CARD ON THE CORRESPONDENCE SIDE WHEN PLACED HORIZONTALLY WRITE
3. DATE, MONTH AND YEAR THAT YOU WANT THE CARD SENT AND IT WILL BE MAILED TO YOU.

IF YOU THINK THE CLUB WOULD LIKE THIS SERVICE LET ME KNOW AND PUT A NOTICE IN "SPARK GAP TIMES" AND I WILL BE HAPPY TO DO IT.

HOPE TO BE ABLE TO GO BACK TO WORK IN SEPTEMBER, BEST OF LUCK TO ALL,

"73"

DONALD F. GUPTILL, W1AOG
17 PARK ST. CT.
MEDFORD 55, MASS.

NOTE: THIS IS A NICE OFFER BY DON. I WISH I HAD HAD A CARD TO REMIND ME MY LICENSE WAS EXPIRING THIS SUMMER AND I WOULDN'T HAVE BEEN OFF THE AIR FOR TWO WEEKS...

YOCB-11

YOCB-11

I HAVE HAD SO MANY REQUESTS ABOUT WHETHER WE HAVE ANY ACTIVE NETS OR ROUNDTABLES. UP HERE IN THE NORTH-EAST, WE HAVE A VERY ACTIVE ROUNDTABLE WHICH MEETS EVERY THURSDAY EVENING AT 6:30 P.M. THE MEETING IS CALLED TO ORDER BY W1UL WITH EUNICE THOMPSON, W1MPP AT THE MIKE. WE GO THROUGH THE ROLL TWICE. THE FIRST HALF UNDER W1UL AND THE SECOND HALF IS TAKEN OVER BY ONE OF THE MEMBERS IN THE ROUNDTABLE. THE SECRETARY'S REPORT IS GIVEN ADVISING THE NEW MEMBERS TAKEN IN DURING THE WEEK ETC. THE ATTENDANCE AT THESE MEETINGS HAS BEEN VERY GOOD AS THE FOLLOWING REPORT BY W1UL SHOWS;

DATE	No. CHECKING IN.	DATE	No. CHECKING IN.
8-29-63	17	11-7-63	7
9-5-63	21	11-14-63	14
9-12-63	15	11-21-63	12
9-19-63	22	11-28-63	9
9-26-63	24		
10-3-63	20	12-5-63	14
10-10-63	20	12-12-63	9
10-17-63	18	12-19-63	14
10-24-63	No NET	12-26-63	11
10-31-63	16	1-2-64	3
	TOO BAD WEATHER	1-9-64	12
		1-16-64	9
		1-23-64	9

DATE	No. CHECKING IN
1-30-64	15
2-6-64	10
2-13-64	13
2-20-64	14
2-27-64	16
3-5-64	15
3-12-64	11
3-19-64	15
3-26-64	12
4-2-64	15 (2 GUESTS)
4-9-64	14 (1 GUEST)
4-16-64	15 (1 GUEST)
4-23-64	15
4-30-64	15

W1MPP
EUNICE RANDALL THOMPSON
LOVELL, MAINE

YOCB-11:

MONDAY, AUGUST 4TH I PAID MY SPRING VISIT TO SIR HUBERT THE GREAT INGALLS. THOUGH HE IS ONLY 80 MILES FROM ME I HAVE NOT HAD MUCH TIME TO VISIT HIM. HE IS VERY WELL AND HAS A BEAUTIFUL SUNTAN. IT HAS BEEN ON MY MIND TO WRITE YOU ABOUT A 50 YEAR PIN. THIS I DISCUSSED WITH HIM AND HE SAID TO WRITE YOU ABOUT IT. I THINK IT WOULD BE NICE IF WE HAD A PIN MADE TO PIN BELOW OUR OOTC PIN. A BAR THE SAME COLOR (BLUE WITH GOLD LETTERS) WITH "50 YEARS" ON IT.

THIS PIN TO BE SOLD FOR ABOUT \$1.00 OR MORE AND ONLY TO 50 YEAR AWARD MEMBERS. BURT THOUGHT THIS WAS A GOOD IDEA AND SAID PASS IT ALONG TO YOU.

I SURE ENJOY READING MY SPARK GAP TIMES.

I DO WISH TO SAY WE HAVE A FINE PRESIDENT IN YOU BERT. I WAS SORRY TO HEAR OF THE PASSING OF W4PPZ, OUR OLD FRIEND CLINE.

ON AUGUST 28TH I WILL RETIRE AFTER HAVING WORKED 46 YEARS FOR MASS. ELECTRIC CO. AS A STEAM ENGINEER. I SURE AM LOOKING FOR THAT LONG VACATION. TODAY AUGUST I HAVE REACHED MY 65TH BIRTHDAY.

I CALL IN THURSDAY NIGHTS ON MY MOBILE RIG, ELMAC 40 WATTS, CAN WORK

.....CONT'D NEXT PAGE....

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YOCB-II LETTERS CONTINUED:

1-2-3-4s ON IT.

BEST OF HEALTH TO YOU AND ALL OOTC MEMBERS.

WILFRED "BABE" CHARBONEAU WISDT
2 SAUGUS PLACE
WORCHESTER, MASS.

A LETTER FROM W5JH (FORMER 8JG IN CAMBRIDGE SPRINGS, PA. TO YOCB-II (FORMER 8MF CONNEAUT, O.)

YOCB-II:

THANKS FOR YOUR REPLY LETTER OF MARCH 16TH, AND ALSO YOUR FOLLOW-UP LETTER OF MARCH 18, '64, WHICH I AM NOW HAPPY TO ANSWER. THE DELAY HAS BEEN ACCOUNT OF WAITING FOR INCLOSED PHOTO RE-PRINTS.

YES, I REMEMBER OF WORKING YOU IN CONNEAUT DURING THE 1915-16 PERIOD. AND I AM SORRY NOW THAT I DID NOT SEE YOU PERSONALLY ON THAT PARTICULAR TRIP SOME 49 YEARS AGO WHEN THESE PHOTO'S WERE TAKEN. THAT WAS A LONG LONG TIME AGO.

YES, I REMEMBER HARRY PORTER 8DX; AND ALSO LATER, HOMER BARTON 8VF; OWEN BARTON, W8IU; AND WILBURT GROSS W8DKM OF CONNEAUT. DO YOU REMEMBER SOME OF THESE NEARBY STATIONS THAT 8JG CAMBRIDGE SPRINGS WAS IN ALMOST DAILY CONTACT AT THAT TIME?

RX YMCA, ERIE, PA.DC DON CRANE, ERIE, PA. (WAS NAVAL OPR. ON OLD USS WOLVERINE BERTHED IN ERIE.)BAD (LATER 8HA) REX PATCH, NEW CASTLE, PA.8GC BYRON MINNIUM, MEADVILLE, PA. (DURING SUMMER COMM'L OPR ON LAKE BOATS)8HQ NOEL POUX. ? WALTER BAIRD, MEADVILLE, PA.8CH PAUL RILEY, GREENVILLE, PA.

OTHERS WERE IN HUBBARD, WARREN AND E. PALESTINE, OHIO BUT I CAN NOT REMEMBER THEIR CALL LETTERS AT THIS LATE DATE?

THE ENCLOSED PHOTO'S ARE FOR YOU, AND HOPE YOU ENJOY THEM. IF YOU REMEMBER THE CONNEAUT HARBOR'S COMMERCIAL CALL LETTERS, PLEASE WRITE THEM ON ENVELOPE OF MR. ERMATINGSERS LETTER AND RETURN.

THIS NOEL POUX 8HQ IN MEADVILLE HAD A 2 1/2 KW SPARK (WHEN YOU WERE THERE) AND MANY MANY TIMES WHEN HE WOULD FIRE UP WITH IT, I WOULD HEAR BOTH THE ASHTABULA AND CONNEAUT COMMERCIAL LAND STATION COME BACK AND TELL HIM TO QRT - QRT. GUESS OLD POUX COVERED THEM UP - THOSE WERE THE DAYS.

WHEN YOU HAD MY OOTC APPLICATION OUT, WAS MY PHOTO STILL ATTACHED? I NOTICED IN MY BLUE BOOK THAT SO MANY OF THE OLD-TIMERS PICTURES ARE

MISSING, AND THIS IS REALLY A SHAME, AS THEIR PHOTO WITH WRITE-UP MAKES THESE RECORDS COMPLETE.

REGARDING YOUR NOTE IN FIRST LETTER STATING "YOU WOULD LIKE TO FIND A NEW BLUE BOOK EDITOR IF POSSIBLE". SINCE RETIREMENT SOME SIX MONTHS AGO, WE ARE LIVING IN A TRAILER IN DALLAS, WITH PLANS TO PROBABLY MOVE ON TO ARIZONA WITHIN THE NEXT YEAR FOR OUR PERMANENT RESIDENCE. ACCORDINGLY IT WOULD NOT BE PRACTICAL FOR ME TO VOLUNTEER FOR A WORTHY CAUSE AT THIS TIME, SORRY. I SINCERELY HOPE YOU FIND SOMEONE THAT WILL DO A GOOD JOB FOR YOU. AND AS A NEW MEMBER OF OOTC I HOPE IT WILL SUCCESSFULLY CONTINUE TO GROW AND BECOME A PERMANENT RECORD OF EARLY WIRELESS PROGRESS.

LOOKING FORWARD TO CONTACTING YOU ON 20-15-10 SINGLE SIDEBAND.

73

HARRY R. LORD W5JH
4143 SUNBERRY ST.
DALLAS 27, TEXAS

WALLIE, W2WL:

WAS INTERESTED IN LETTER FROM BERT WITH 9AEJ, DEVILS LAKE, N.DAK.

IN THE GREAT LAKES AREA IN FALL OF 1916 THE AMATEURS WERE CORRALLED BY NAJ INTO SOME KIND OF A CLASS OF RADIO RESERVE AND WERE PERMITTED TO OPERATE NAJ (BOY WERE WE EXCITED!) FINALLY, THE FIRST PART OF 1917 WE WERE IN RECEIPT OF A LETTER TO GO TO NEAREST NAVY RECRUITING STATION AND ENLIST IN (I THINK) CLASS 9 RADIO RESERVE. DALE BALL AND THE WRITER WENT TO NEAREST OFFICE AT KALAMAZOO, MICH. THE OLD CHIEF IN CHARGE HAD NEVER HEARD OF ANY SUCH THING AND SHIPPED US TO DETROIT. THAT WAS MY UNDOING, AS A LT. RICHARDSON, IN CHARGE "SUCKED" ME INTO ENLISTING IN REGULAR NAVY AS LANDSMAN FOR ELECTRICIAN. HE TOLD ME I'D BE ABLE TO GO TO THE NAVAL RADIO SCHOOL (THEN AT BROOKLYN NAVY YARD), GET THE SCHOOLING AND IF I DIDN'T LIKE IT I COULD "BUG OUT" AT END OF A YEAR. WELL, I ENLISTED ABOUT 1ST OF FEB, 1917 AND THE WAR CAME ALONG. IT WASN'T UNTIL TWO OR THREE YEARS LATER

...CONT'D NEXT PAGE..

YOCB-II LETTERS CONTINUED:

THAT I SAW MY PAPERS. IN THE BACK OF THE JACKET WAS A WAIVER I HAD SIGNED RELINQUISHING MY RIGHT TO "BUG OUT" IN CONSIDERATION OF BEING SENT TO THE RADIO SCHOOL DIRECT INSTEAD OF GOING TO BOOT CAMP ABOARD SHIP, AND FINALLY WITH ANY LUCK MAKING RADIO SCHOOL VIA THE RADIO STRIKER ROUTE.

I'D SUSPECT THAT "CLASS 4 (OR 9) RADIO RESERVE" OR WHAT EVER IT WAS, WAS WHAT 9 AEJ WAS REFERRING TO!

TO BELONG YOU WERE A LICENSED HAM.

SINCERELY,
FORREST PHIPPENY
EX 8CX - W6CK

THE OLD OLD TIMERS CLUB

OFFICE OF BLUE BOOK

EDITOR AND PUBLISHER

CLARENCE R. ROY - W8HR
P. O. BOX 43 - STA B CANTON, OHIO 44706

YOCB-II:

OF COURSE I HAD TO HAVE A LETTERHEAD! ALL THE NEW APPLICATIONS AND YOUR LETTERS RECEIVED AND SURE GLAD YOU DID NOT WAIT TOO LONG, SO AS TO LOOSE YOUR CALL. GUESS I WILL HAVE TO GO TO CLEVELAND, OHIO AND REGAIN MY STANDINGS ABOVE GENERAL. I SUPPOSE I CAN LOOK FOR YOU ON THE AIR AGAIN, I HOPE.

BOY ITS SO DARN HOT HERE I CAN'T GET UP AMBITION TO COME BACK TO THE SHOP AND TYPE ON THE BLUE BOOK, BUT I AM GAINING ON IT NONE THE LESS.

I AM GETTING SOME QUESTIONS ON THE PHOTOS, SO I MADE UP THE LETTERHEAD SO I COULD ANSWER, PROFESSIONALLY THAT IS.

WELL BERT, WE ARE ONLY ABOUT THREE WEEKS AWAY FROM OUR VACATION AND LOOKING FORWARD TO HAVING A WONDERFUL TIME.

HAVE BOUGHT A NEW 550 NIKON-35MM CAMERA SO I CAN GET ABOUT 200 OR MORE SLIDES OF THE SCENERY AND THE CANADIAN AMATEURS, ALSO TAPE RECORDINGS OF EVERYTHING. MAYBE, (IF THEY TURN OUT ALL OK) THE BOYS OF YOUR RADIO CLUB IN CHATTANOOGA WOULD LIKE TO SEE THEM

IF SO, WILL SEND THEM DOWN. (PICTURES OF FISH AND EVERYTHING.)

THE WIFE HAS BEEN VERY SICK FOR THE PAST WEEK, BUT COMING ALONG ALL OK NOW, AND THE OLD MAN IS STILL BATTING 500.

HOPE TO HEAR YOU ON THE AIR SO UNTIL THEN,

"73"

ROB ROY

YOCB-II

THANKS FOR ANOTHER EXCELLENT ISSUE OF SGT. ENJOYED IT VERY MUCH AS USUAL!. I HAVE ONE MORE YEAR BEFORE I CAN APPLY FOR MY OTC MEMBERSHIP. I RECEIVED THE ENCLOSED A FEW DAYS AGO. PERHAPS SOME OF YOUR READERS WOULD FIND IT OF INTEREST UP AROUND NEW ENGLAND WAY. YOU MAY USE ANY PART OF IT - AS YOU SEE FIT.

HOPE YOU ARE RECEIVING AND ENJOYING OUR LITTLE PAPER - FLORIDA SKIP. IT TAKES UP QUITE A BIT OF OUR SPARE TIME. BETTY AND I HAVE 4 SMALL CHILDREN AND THAT TOO KEEPS US PRETTY BUSY.

I LEAVE TOMORROW FOR A TRIP TO VISIT ANDY ANDERSON, W3NL, EDITOR OF AUTOCALL. FLYING UP FOR TWO DAYS. HOPE TO PICK UP A FEW IDEAS ON ANDY'S OPERATION AND SAVE A FEW BUCK, IF POSSIBLE. (SEE ENCLOSED.)

BEST OF LUCK WITH SPARK-GAP TIMES AND KEEP UP THE GOOD WORK. IT IS SERVING A VERY USEFULL PURPOSE..EVEN THOUGH THE PAY IS LOW.

73,

ANDY

ANDY CLARK, W4IYT
EDITOR, FLORIDA SKIP, INC.

THE "ENCLOSED", WHICH ANDY, W4IYT, REFERS TO IN THE ABOVE LETTER IS AN ARTICLE ENTITLED "AMATEURS SAVE A SHIP" BY W. L. PEDERSEN, WA4MSJ, WHICH APPEARS UNDER "STORIES" LATER IN THIS ISSUE. WE APPRECIATE THIS ARTICLE FROM ANDY VERY MUCH.

STORIES

FERRIS WHEEL " RADIO STATION "

BY: HAROLD V.B. VOORHIS

TEN MILES FROM MY HOME TOWN OF RED BANK, NEW JERSEY IS THE SEA-SHORE RESORT OF ASBURY PARK. IN 1888 A MAN NAMED ERNEST SCHNITZLER ARRANGED WITH THE BETHLEHEM STEEL COMPANY TO ERECT A 65 FOOT FERRIS WHEEL AT LAKE AVENUE AND KINGSLEY STREET, A HALF BLOCK FROM THE OCEAN IN ASBURY PARK. ACROSS THE LAKE (WESLEY) IS OCEAN GROVE, KNOWN AS "HAMS PARADISE", AS TO THIS DAY NO VEHICLE IS ALLOWED TO MOVE IN THE RESORT BETWEEN MIDNIGHT SATURDAY AND MIDNIGHT SUNDAY. EVENTUALLY THE WHEEL AND MERRY-GO-ROUND WERE SOLD TO A MR. WILLIAMS AND A LITTLE MORE THAN TWENTY-FIVE YEARS AGO THE CENTRAL AMUSEMENT COMPANY BOUGHT THE WHOLE PROJECT.

ORIGINALLY THE WHEEL WAS OPERATED BY A STEAM ENGINE, BUT FOLLOWING WORLD WAR I A 30 H.P. GENERAL ELECTRIC MOTOR REPLACED THE STEAM ENGINE. IT IS 65 FEET HIGH AND HAS 18 BUCKETS, EACH HOLDING 8 PERSONS (OR 144 RIDERS AT A TIME). IT TAKES ONE MINUTE TO MAKE A REVOLUTION AND THE PRESENT PRICE OF A TRIP OF SEVERAL TURNS IS TWENTY-FIVE CENTS. IN 1904, WHEN I TOOK MY FIRST TRIP ON THE WHEEL, THE COST WAS FIVE CENTS. IN LATER YEARS I REMEMBER FLAG-POLE SITTER, SHIPWRECK KELLEY AND GLORIA SWANSEN, AMONG OTHER FAMOUS PEOPLE, RODE THE WHEEL.

NOW WE COME TO THE RADIO PART THIS SEVENTY-SIX YEAR OLD FERRIS WHEEL PLAYED IN MY STORY. INCIDENTLY THE WHEEL AND MERRY-GO-ROUND ARE STILL GOING "ROUND AND ROUND" - THE OLDEST AMUSEMENT ATTRACTION IN THE STATE IF NOT THE ENTIRE SEA BOARD.

IN 1912 I CONCEIVED THE IDEA THAT, IF I COULD GET PERMISSION TO GET MY "WIRELESS" UP IN THE STEEL OBSERVATORY ON TOP OF THE WHEEL (THIS SECTION HAS BEEN REMOVED), I COULD SEND MESSAGES TO GREAT DISTANCES. AFTER A COUPLE OF TRIPS TO ASBURY PARK ON MY BICYCLE, I WAS GIVEN PERMISSION TO "OPERATE", IF I WOULD CONFINE THE SENDING TO BETWEEN 6 A.M. AND 9 A.M. ON A WEEK DAY, AND MY FATHER WOULD SIGN A STATEMENT THAT SHOULD ACCIDENT OCCUR THE OWNER WOULD NOT BE RESPONSIBLE. THIS STATEMENT WAS

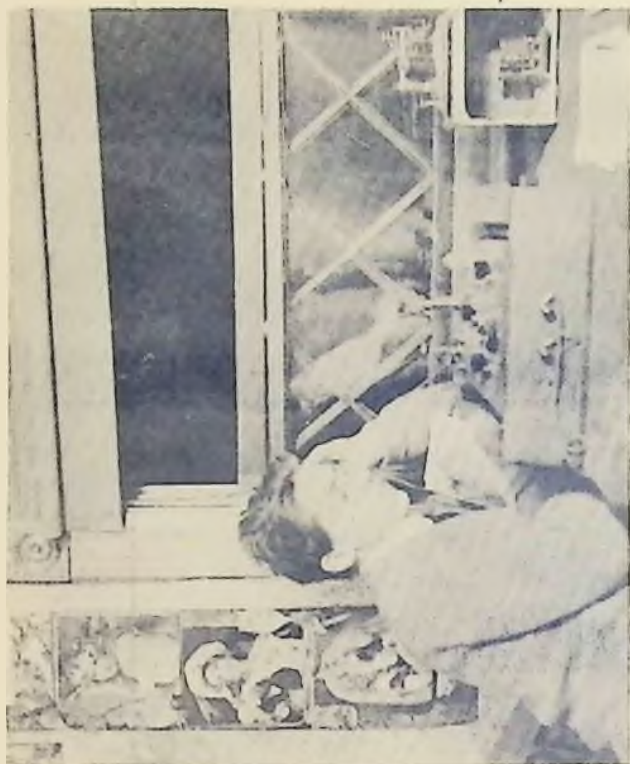
HARDER TO GET THAN PERMISSION TO GO UP ON THE TOWER. MY FATHER THOUGHT I WAS CRAZY AND I HAD TO GET HIM TO GO DOWN TO ASBURY PARK ON A BORROWED BICYCLE, GO UP IN THE WHEEL, THEN TO THE OBSERVATION TOWER. HE THEN SIGNED THE PAPER AND PART-I WAS COMPLETED. THEN CAME PART-II GETTING THE "STATION" TO ASBURY PARK AND UP ON THE TOWER. MY FATHER, WHO WAS AN OFFICER IN A LOCAL BANK, HAD A FRIEND WHO WAS IN THE LIVERY STABLE BUSINESS, (LEMUEL KETCHUM) AND HE ASKED FOR THE USE OF A RIG TO TAKE ME AND MY GEAR TO ASBURY PARK AND STAY THERE UNTIL THE EXPERIMENT WAS OVER. THAT WAS TO BRING ME BACK TO RED BANK (AT WHAT COST I DON'T KNOW - BUT AS KETCHUM AND MY FATHER WENT ALONG, THE RIDE WAS PROBABLY GRATIS, PLUS A SHOT OR TWO OF APPLE JACK.) ANYWAY, WE LEFT RED BANK IN THE DARK AT 4:00 CLOCK ON A WARM JULY MORNING AND, WITHOUT GOING INTO THE DETAILS OF HOW WE GOT THE TWO INCH SPARK-COIL TRANSMITTER AND RECEIVER PACKED, TRANSPORTED AND ERECTED IN THE OBSERVATION TOWER, SUFFICE IT TO SAY THAT AT 6:00 A.M. I WAS READY. I HAD ERECTED A STICK ON EACH OF THE CORNERS OF THE TOWER AND HAD AN ALUMINUM WIRE STRUNG AROUND IT AS AN ANTENNA.

IN RED BANK, ALL OF MY CHUMS WERE "ALL EARS" - JOHN B. HURD (2EG) A RETIRED TELEGRAPH OPERATOR; FRANK MERRITT (2NO) NOW LIVING IN FLORIDA; THEODORE HURD (2EF) SON OF JOHN B. HURD; ROBERT S. JOHNSON (RS-LATER W2AWL) WERE LISTENING. ALSO ARTHUR V. GREGORY (2KL) OF PERTH AMBOY, 30 MILES NORTH OF RED BANK AND H. SEABROOK SCHENCK (V2M OF KEPORT, 20 MILES NORTH OF ASBURY PARK.

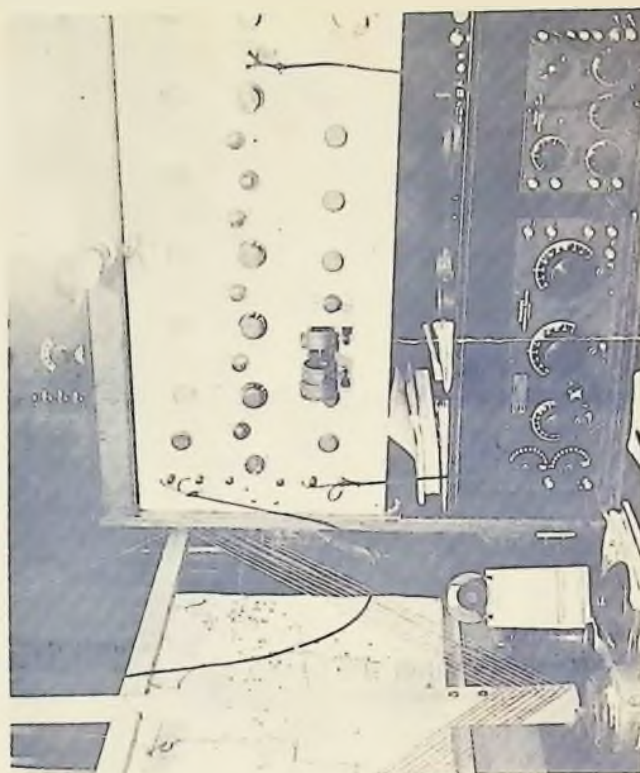
AT EXACTLY 6:00 A.M. I "GOT ON THE AIR" GIVING MY CALL NDM - BUT MY CAT WHISKER RECEIVER WOULDN'T RECEIVE AS MR. KETCHUM AND MY FATHER INSISTED ON RIDING THE WHEEL TO SEE HOW WE WERE DOING AND THE JIGGLING OF THE WHEEL KEPT PULLING THE WHISKER OFF THE "HOT SPOT." AFTER A HALF-HOUR I GOT THE WHEEL OPERATOR (WHO WE ALSO "HEALED" WITH A BOTTLE OF JERSEY LIGHTNING) TO TURN OFF THE POWER WHERE UPON MY FATHER AND MR. KETCHUM SPENT

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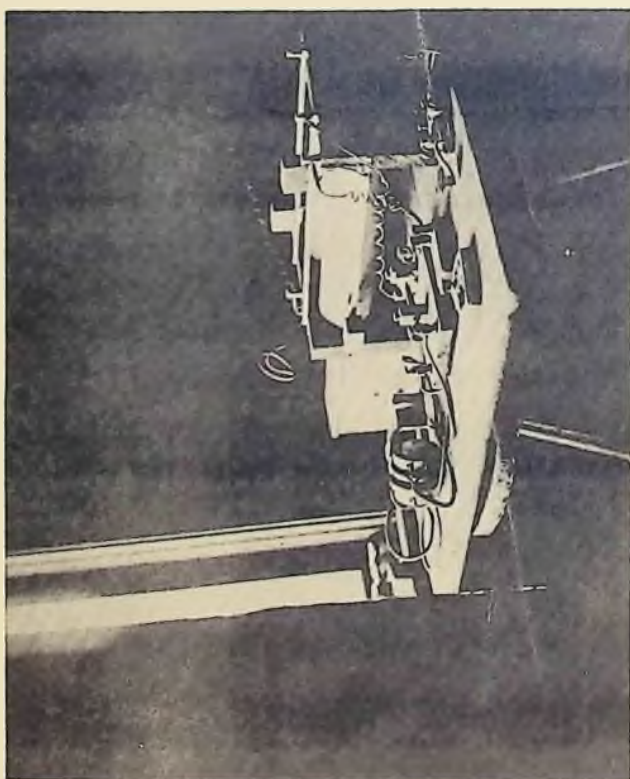
HAROLD V. B. VOORHIS AND HIS HAM RIGS.



VOORHIS' RIG, VINTAGE 1910



VOORHIS' RIG, VINTAGE 1922



VOORHIS' RIG VINTAGE 1908



VOORHIS RIG, VINTAGE 1912

FERRIS WHEEL " RADIO STATION"

....CONTINUED....

THE NEXT HOUR IN A BUCKET, FIFTY FEET IN THE AIR. PART-III THE RESULT, ALL FOUR RED BANK STATIONS COPIED ME, AND DID THE KEPORT AND PERTH AMBOY ONES. I HEARD THREE OF THOSE IN RED BANK. THEN TWO THING HAPPENED. I DROPPED THE RECEIVER CRYSTAL AND IT LANDED ON A PIECE OF IRON 40-50 FEET BELOW AND SMASHED - AND THE EXPERIMENT BEING OVER, THE WHEEL OPERATOR HAD LET THE STEAM ENGINE MOTOR GO DEAD AND IT TOOK A HALF HOUR BEFORE HE GOT STEAM UP TO GET IT GOING. WE FINALLY ALL GOT DOWN - WITH GEAR -

ALL IN ALL IT WAS A MOMENTOUS SUCCESS AND WE ALL WENT BACK TO RED BANK AND HAD BREAKFAST PREPARED BY MY ANXIOUS MOTHER WHO WAS GLAD IT WAS OVER, I'M SURE. I SPENT THE REST OF THE DAY CHECKING WITH THE OTHER STATIONS AND BRAGGING ABOUT TOWN OF THE DX EXPEDITION.

P.S. MY FATHER TORE HIS PANTS CLIMBING OUT OF THE OBSERVATION TOWER.

AMATEURS SAVE A SHIP

SUBMITTED BY W. L. PEDERSEN, WA4MSJ

FROM THE AUG. 9TH, 1964, ISSUE OF CAPE COD STANDARD TIMES

THE YACHT JON PEER OUT OF BERMUDA WAS REPORTED HITTING HEAVY SEAS AND HIGH WINDS 40 MILES SOUTH OF MARTHA'S VINYARD. THE CUTTER CAPE HORN OUT OF PROVINCETOWN ON DISTRICT PATROL, WAS ENROUTE TO ESCORT THE YACHT TO NANTUCKET. TWO PERSONS WERE ON BOARD THE CRAFT, THE COAST GUARD SAID.

TO THE SUNDAY READERS THIS WAS JUST ANOTHER RESCUE BY THE USCG, BUT THE STORY OF SERVICE BY AMATEUR RADIO OPERATORS WAS LEFT UNTOLD. SO HERE IT IS:

I AM VACATIONING WITH MY FAMILY ON CAPE COD AND AM ACTIVE ON 6 METERS WITH A COMMUNICATOR III AND A HILLTOPPER BEAM AND HAVE THE KWM-2 IN THE MOBILE.

SATURDAY 8 AUGUST HERE ON THE CAPE WAS COOL, OVERCAST, AND THREATENING RAIN SO THERE WASN'T MUCH INCENTIVE FOR OUTDOOR ACTIVITIES. AFTER FUTILELY CALLING CQ ON 6, I MADE MY WAY TO THE LOWER BANDS. I WAS TUNING 20 M AROUND THE LOW END WHEN I HEARD SOMEBODY SAY "EMERGENCY - MARITIME MOBILE." I LISTENED FOR A BIT AND HEARD VEØMLI, ERIC ASKING FOR INFORMATION ON SHALLOW WATER SHOALS IN THE NANTUCKET AREA AND STATING THAT THE USE OF HIS ENGINE TO POWER THE 30 FOOT MOTOR SAILER, JON PEER OUT OF BERMUDA WAS TO NO AVAIL DUE TO HEAVY SEAS. THIS WAS JUST BEFORE NOON AND LUNCH WAS READY SO I SHUT OFF THE RIG AND WENT INSIDE FOR LUNCH BECAUSE VEØMU WAS EVIDENTLY BEING HELPED BY SOME OTHER HAM AS THEY WERE IN QSO. VEØMU COULD

NOT USE THE LOW FREQUENCY MARINE RADIO PHONE BECAUSE HIS BATTERIES WERE LOW AND HIS ENGINE OFF AND QRN WAS BAD. SO 20 M SSB WAS USED FOR THIS REQUEST.

AFTER EATING I HURRIED BACK TO THE CAR TO FOLLOW THE COURSE OF EVENTS. VEØMU/MM WAS NOW TALKING TO WIBCR, WA4ECY AND W4PAA AND TRYING TO GET INFORMATION FROM THE NEWPORT COAST GUARD STATION. 20M QRM WAS VERY BAD AND WA4ECY, W4PAA AND A K8 IN MICHIGAN WERE TRYING TO KEEP THE CHANNEL CLEAR.

I DECIDED THAT POSSIBLY I COULD BE OF USE TO ERIC AND DROVE MY MOBILE TO THE CHATHAM USCG RESCUE STATION ABOUT A MILE AWAY. I ASKED FOR THE OFFICER IN CHARGE AND C.P.O. CHASE USCG CAME OUT TO THE CAR. I ASKED W4PAA TO INQUIRE IF VEØMU WOULD LIKE TO NOTIFY THE BRANT POINT USCG FACILITY ON NANTUCKET ISLAND THAT HE WAS HAVING DIFFICULTY AND WAS TOLD TO DO SO. C.P.O. CHASE WENT INSIDE AND CALLED BRANT POINT STATION ON USCG FREQ AND SUGGESTED THAT BRANT POINT CONTACT A NANTUCKET HAM TO ACT AS LIASION BECAUSE BRANT POINT HAD NO GENERAL COVERAGE RECEIVING EQUIP OR R.D.F. EQUIPMENT.

SOON KINDG "LEU" CAME ON CALLING ME ON 14,257MC AND ALERTED WIBDF "ED" ALSO ON NANTUCKET TO GET ON. I BRIEFED THEM ON THE SITUATION AND ASKED THAT THEY CALL VEØMU DIRECT. FROM THIS TIME ON WIBDF WITH HIS BEAM AND SSB RIG ACTED AS DIRECT CONTACT WITH VEØMU AND KINDG ON AM ACTED AS LIASION WITH BRANT POINT USCG VIA TELEPHONE.CONT'D NEXT PAGE....

AMATEURS SAVE A SHIP

...CONTINUED...

WITH SMALL CRAFT WARNINGS FLYING, HEAVY SEAS, TREACHEROUS WATERS, A SQUALL LINE STORM APPROACHING AND APPROACHING DARKNESS, 14 MC SCHEDULES WERE KEPT WITH VEØ MU/MM BY KINDG AND WIBDF AND PROGRESS OF THE JON PEER NOTED.

THROUGH THESE EFFORTS OF WIBDF AND KINDG AND THE BRANT POINT USCG STATION, RADIO CONTACT WAS FINALLY ESTABLISHED ON 2182 KC AND ERIC, VEØMU MADE A FORMAL REQUEST FOR ASSISTANCE AND A RENDEZVOUS WITH THE USCG CUTTER CAPE HORN FOR A TOW TO SHELTERED WATERS ABOUT 4:30 P.M. AFTER AN AFTERNOON

OF UNSUCCESSFUL ATTEMPTS TO SAIL AROUND NANTUCKET ISLAND.

I WAS PROUD TO RENDER MY SMALL PART IN THIS EMERGENCY BUT THE REAL WORK WAS DONE BY WIBDF, KINDG, W4PAA, WA4ECY AND NUMEROUS OTHER HAMS IN THE MIDWEST.

SO ENDS ANOTHER STORY OF AMATEUR SERVICE AND I FEEL THAT IT SHOULD BE DULY RECORDED.

BROADCAST STATION CALLS WITH A PAST

BY: WILLIAM FENWICK

SUBMITTED BY: BRUCE BOYD, W3QA.

CLIPPING FROM "RADIO BROADCAST" MAGAZINE ABOUT 1925

THROUGH THE YEARS THAT BROADCASTING HAS BEEN WITH US, THE LISTENER HAS INTERESTED HIMSELF, AMONG A MULTITUDE OF OTHER THINGS CONNECTED WITH A STATION, IN THE BIOGRAPHY OF PRACTICALLY EVERY MEMBER OF THE PERSONNEL AND THE CONTRIBUTING PERFORMERS. OCCASIONALLY, IN THE BEGINNING OF RADIO THE FORMER ROLES THE TRANSMITTER AND OTHER INSTRUMENTS HAD PLAYED ELSEWHERE WERE DISCLOSED AND EAGERLY ABSORBED BY THE RADIO DEVOTEE, BUT THIS CEASED AS THE PRACTICE CAME INTO BEING OF MAKING THE RADIO BROADCASTING EQUIPMENT TO ORDER. FEW, THOUGH, HAVE EVER PAUSED TO THINK OF WHAT MIGHT HAVE BEEN THE PAST OF THEIR FAVORITE STATION'S CALL LETTERS, A REFLECTION, AS WELL BE SEEN, THAT REVIVES THE MEMORY OF MANY HEROIC DEEDS AND HORRIBLE OCCURRENCES.

WSB TWICE WRECKED.

A SEARCH THROUGH OLD RECORDS WILL BRING TO LIGHT SEVERAL CALLS NOW POPULAR IN BROADCASTING THAT ONCE WERE WELL KNOWN IN SHIPPING CIRCLES, THE ORIGINAL OWNERS OF MANY OF WHICH HAVE MET WITH DISASTER. THE REASON THE GREATER NUMBER OF THESE WERE NOT REASSIGNED TO OTHER VESSELS IS DUE MAINLY TO A SEAMEN'S SUPERSTITION THAT IS AT VARIANCE WITH THE IDEA. WGR, AS AN INSTANCE, WAS AT ONE TIME A FAMILIAR STEAMSHIP CALL ALL ALONG THE PACIFIC COAST WHEN IT WAS BEING USED BY THE

PASSENGER STEAMER GOVERNOR PREVIOUS TO ITS ALLOCATION TO THE WIDELY KNOWN BUFFALO BROADCASTING STATION OF THE FEDERAL RADIO CORP. THE GOVERNOR SANK FOLLOWING ITS COLLISION WITH THE FREIGHTER WEST HARTLAND IN APRIL OF 1921.

ANOTHER QUITE FAMOUS CALL AND ONE WHICH HAS TWICE BEEN THE CENTRAL FACTOR IN PERILOUS EPISODES OF THE DEEP, IS WSB NOW OF THE ATLANTA, GEORGIA, JOURNAL. THE S.S. FRANCIS H. LEGGETT WAS THE FIRST POSSESSOR AND AFTER FOUNDERING OFF THE OREGON COAST ON SEPTEMBER 18, 1914 TAKING A TOLL OF TWO OF THE 67 LIVES ABOARD, IT WAS REASSIGNED TO THE FIREWOOD, THE NAME OF WHICH FORMS A GRIM COINCIDENCE WITH ITS FATE, IT BEING BURNED OFF PERU ON DECEMBER 18, 1919, WITH 28 PERSONS ON BOARD, ALL OF WHOM WERE SAVED.

KLZ OF THE REYNOLDS RADIO CO. OF DENVER, COLORADO, PRESENTS AN EVEN MORE EXCITING LIFE STORY. IT BELONGED TO THE SPEEDWELL IN 1920 WHEN THE VESSEL ON SEPTEMBER 29TH OF THAT YEAR FOUND ITSELF SUDDENLY AMIDST THE SWEEP OF A TROPICAL HURRICANE IN THE GULF OF MEXICO. AN IDEA OF THE SEVERITY OF THE STORM MAY BE HAD FROM THE REPORT THAT UPON THE FLASHING OF THE SOS AND THE SHIP'S POSITION THE ENGINE ROOM BECAME FLOODED, DISABLING THE DYNAMO, AND THE ONLY OTHER SOURCE OF POWER FOR THE STATION, STORAGE BATTERIES, BECAME USELESS WHEN THE WHOLE AFTER-DECK WAS TORN OFF AND SWEEP AWAY BY THE SEA. NINE OF THE 25 PEOPLE ON BOARD WERE LOST IN THIS TRAGEDY.CONT'D NEXT PAGE.....

BROADCAST STATION CALLS WITH A PAST

By: WILLIAM FENWICK

...CONTINUED....

THE MOST SORROWFUL MEMORIES, HOWEVER, LIE BEHIND THE LETTERS KRE NOW OF THE BERKELEY, CALIFORNIA, GAZETTE AND FORMERLY OF THE FLORENCE II, WHICH WAS WRECKED BY AN INTERNAL EXPLOSION ON APRIL 17, 1918, IN QUIBERON BAY, TAKING A TOLL OF 45 LIVES OF THE 77 PRESENT IN THE CATASTROPHE. THE GREATEST MONETARY WASTE TO THE SEA OF THOSE MENTIONED WAS IN THE CASE OF THE PRINCESS ANNE, CARRYING THE CALL KOB, SUBSEQUENTLY GIVEN TO THE RADIO STATION OF THE STATE COLLEGE OF NEW MEXICO. THE PRINCESS STRANDED ON FEBRUARY 2, 1920, ON ROCKWAY SHOALS, LONG ISLAND, AND THOUGH SHE BROKE IN TWO AND ALL OF THE 106 PASSENGERS AND CREW WERE SAVED, THE CARGO VALUED AT \$500,000 WAS PRACTICALLY A TOTAL LOSS.

ANOTHER CALL SIGN WHICH HAS ITS PAST MARRED WITH TRAGEDY IS THE NOW FAMILIAR WHN OF NEW YORK CITY. THIS CALL WAS AT ONE TIME ASSIGNED TO THE ILL-FATED STEAMER HANAHEI. LATER IT WAS PASSED TO

STEAMER SANTA ISABEL, WHICH VESSEL WAS SUBSEQUENTLY SOLD TO CHILE. IN CASES OF THIS SORT, WHERE A SHIP IS BOUGHT BY A FOREIGN COUNTRY, THE LETTERS ARE CHANGED TO THOSE GIVEN BY THE GOVERNMENT HAVING JURISDICTION OVER THE PURCHASER. A FEW OTHER EXAMPLES OF THIS WHERE THE CALLS ARE NOW IN USE IN BROADCASTING ARE: WWJ, WELL KNOWN AS THE DETROIT NEWS, WAS FORMERLY OF THE STEAMER PERU WHICH WAS SOLD TO FRANCE. KLS FAMILIAR NOW AS THE OAKLAND, CALIFORNIA, STATION OF WARNER BROS, WAS ONCE POSSESSED BY THE STEAMER KERMANSBAH, TRANSFERRED TO HUNGARY, LIKEWISE KNX OF THE LOS ANGELES EXPRESS WAS THE SIGNAL OF THE VESSEL SUSANA, WHICH WAS LATER PURCHASED BY AN ITALIAN COMPANY.

10

QST

MARCH, 1917

AMATEUR NUMBER ONE

By: IRVING VERMILYA

THIS CONCLUDES PART ONE OF AMATEUR NUMBER ONE WHICH APPEARED IN FEBRUARY. THE VERY FACT THAT PART OF MR. VERMILYA'S ARTICLE HAS BEEN READ MEANS THAT ALL THIS DESCRIPTION IS UNNECESSARY. IT'S A RIP-ROARING ARTICLE WITH SPARKS ALL OVER. THE DECREMENT OF THIS SECOND PART IS FAR LESS THAN TWO-TENTHS.

EDITOR

SUBMITTED BY: BILL GOULD, K2NP

BUT FELLOW "KNIGHTS OF THE AIR", TO GET BACK TO THE WIRELESS. OF COURSE THE TELEGRAPH LINE EXPERIENCE RAN ALL THROUGH MY CAREER AS A WIRELESS AMATEUR. BUT NEVERTHELESS, I EMERGED BACK TO WIRELESS A FULL FLEDGED FAIRLY GOOD MORSE OPERATOR, AFTER A YEAR OR SO ON THE OLD LINE.

THINGS BEGAN TO HAPPEN PRETTY QUICKLY NOW, AND IN THE FALL OF 1904, I RECONSTRUCTED MY OLD "NAILED TO THE CROSS" AERIAL, AND PUT ONE UP THAT WAS FOUR HUNDRED FEET LONG AND ABOUT SEVENTY FEET HIGH. IT HAD TWELVE WIRES IN IT, AND A GREAT SPREADER AT BOTH ENDS. THE MINISTER AGAIN CAME TO MY AID, AND SHOWED ME A NEW DETECTOR THAT HAD JUST BEEN INVENTED, CONSISTING OF TWO CARBONS AND AN

OXIDIZED NEEDLE. I QUICKLY MADE UP ONE OF THESE AND GOT A TELEPHONE RECEIVER FROM BUNNELL'S. WELL BOYS, THE AIR WAS NOT FULL OF SIGNALS, YOU CAN TAKE MY WORD FOR IT, BUT AT LEAST THERE WAS MORE DOING THAN WHEN I HAD TRIED IT TWO YEARS BEFORE. I LISTENED IN AND FREQUENTLY HEARD SIGNALS, BUT COULD NOT READ THEM. YOU SEE, I WAS HEARING MARCONI TESTS, AND ONE OR TWO SHIPS HE HAD FITTED UP AND THEY WERE USING THE CONTINENTAL CODE. OF COURSE THERE WERE NO AMATEURS IN THOSE DAYS, AND I WAS VERY LONESOME. IF I HAD HAD A COUPLE OF KILOWATTS AND AN AUDION, I BELIEVE I COULD HAVE WORKED TO THE PACIFIC, FOR THERE WAS ABSOLUTELY NO JAMMING.

I CAME ACROSS AN ARTICLE IN A NEW YORK

.....CONT'D NEXT PAGE.....

AMATEUR NUMBER ONE

....CONTINUED....

NEWSPAPER ONE DAY, THAT SAID A CERTAIN MR. WILLIAM SMITH HAD GOTTEN PINCHED FOR CAUSING AN ELECTRICAL DISTURBANCE IN AN APARTMENT HOUSE. I THOUGHT THIS FELLOW WOULD BE A GOOD SORT OF A CHAP TO GET ACQUAINTED WITH, AS HE WAS A MAN AFTER MY OWN HEART, HIS CHIEF DESIRE BEING EVIDENTLY TO CAUSE ANY KIND OF A DISTURBANCE, ELECTRICAL OR OTHERWISE. I WROTE HIM A LETTER, AND INVITED HIM TO CALL ON ME. HE DID SO, AFTER SPENDING HIS FIVE DAYS IN JAIL. I ASKED HIM JUST WHAT HE HAD DONE, AND..WELL, YOU'LL LAUGH WHEN I TELL YOU..HE HAD CONSTRUCTED AN ENORMOUS MAGNET OUT OF AN OLD CANNON. (LATER I SAW IT, AND CAN VOUCH FOR ALL THIS.) ON THIS CANNON, HE HAD WOUND AT LEAST FIVE MILES OF NO. 18 BELL WIRE THEN HE MADE UP A STORAGE BATTERY OF OVER SEVEN HUNDRED CELLS, CONSTRUCTING THEM FROM OLD LEAD AND SMALL JARS. THIS BATTERY GAVE NEARLY FOURTEEN HUNDRED VOLTS PRESSURE. HE HAD PUSHED THE OLD CANNON CLOSE UP TO THE WALL, AND TURNED ON THE JUICE. WHAT HAPPENED IN THE NEXT APARTMENT AS WELL AS HIS OWN, CAN WELL BE IMAGINED. TIN CANS, AND ALL MANNER OF TIN AND STEEL KNIVES, FORKS AND WHAT NOT, LEFT THEIR PLACES, ONLY TO COME UP AGAINST THE WALL WITH AN AWFUL RESOUNDING CRASH. HE SAID HE ALMOST CAUSED THE DEATH OF AN OLD WOMAN WHO LIVED IN THE NEXT ROOMS, AND THEY KNEW DARN WELL IT WAS SOME OF HIS WORK.



"TIN PANS, STEEL KNIVES AND FORKS LEFT THEIR PLACES ONLY TO COME UP AGAINST THE WALL WITH AN AWFUL CRASH."

AFTER HE HAD RELATED HIS STORY AND I HAD CALLED ON HIM, I DECIDED HE WAS JUST THE RIGHT KIND OF A FELLOW WITH WHOM TO START SOMETHING. HE WAS AN ENGINEER IN THE

HUDSON TUNNELS, I BELIEVE, AND HAD ALL THE MANNER OF LATHES AND TOOLS TO WORK WITH. I EXPLAINED THE MYSTERIES OF WIRELESS TO HIM, AND ASKED HIM HOW ABOUT SETTING UP A STATION. IN THE COURSE OF A SHORT TIME, THIS WAS DONE, AND I WAS THE PROUD POSSESSOR OF AN EIGHT INCH SPARK COIL, AND HE HAD A TWELVE. WE HAD THE WHOLE EARTH AND AIR TO OURSELVES, AND HAD A GREAT TIME, UNTIL ONE FINE DAY I HEARD A STRANGE SPARK COME IN. I LISTENED AND THIS FELLOW DIDN'T SEEM TO KNOW JUST WHAT HE WAS DOING. THE LETTER "V" HAD NOT YET BEEN THOUGHT OF AS A TEST LETTER, AND HE WAS MAKING AN AWFUL ROAR. FINALLY I HEARD HIM SIGN OFF "PT". I IMMEDIATELY CALLED HIM UP AND STARTED OFF BY ASKING "WHO THE H..ARE YOU?" HE SHOT BACK, "BROOKLYN NAVY YARD". WELL FELLOWS, I MUST LAUGH NOW WHEN I THINK OF IT. I TOLD THAT GUY THAT I WANTED IT UNDERSTOOD THAT HE WAS NOT TO USE THAT INFERNAL SPARK OF HIS WHILE SMITH AND I WERE WORKING, TO WHICH HE VERY OBEDIENTLY SAID HE WOULD BE VERY CAREFUL NOT TO INTERFERE WITH US IN THE FUTURE.

AGAIN THINGS MOVED VERY RAPIDLY, AND ONE DARK NIGHT I HEARD SOME ONE CALLING "VN" AND SIGNING "NY". I ANSWERED AND IT WAS DUFFY AT 42 BROADWAY. HE WANTED TO KNOW WHAT SHIP I WAS. I TOLD HIM THE "GOOD SHIP HARDSHIP". HE DIDN'T SAY EVEN AS MUCH AS THANKS.

WITH THE COMING OF "WA", "DF", AND A RAFT OF SHIP STATIONS, I FINALLY DECIDED THAT I WAS NOT MAKING ENOUGH NOISE AND A LARGER SET WOULD HAVE TO BE INSTALLED. I SCRAPED AROUND, AND FINALLY GOT HOLD OF A QUARTER KW. TYPE TRANSFORMER FROM CLAPP-EASTHAM, THIS WORKED GREAT, AND THE STATIONS WERE GETTING THICKER AND THICKER. I CANNOT DEFINITELY RECALL WHO WAS THE NEXT AMATEUR I HEARD, BUT I DO RECALL THAT DR. HUDSON WAS ONE OF THE PIONEERS. HE MADE AN AWFUL SLASH IN THE AIR ONE NIGHT AND I GAVE HIM A SHOUT AND ASKED "WHO IS IT? HE MANAGED TO TICK OUT VERY SLOWLY..THIS IS DR. HUDSON; I AM AT DR. BESSE'S HOUSE ON BROADWAY AND 144TH STREET. WHO ARE YOU?" I TOLD HIM WHO I WAS, AND EXTENDED HIM A HEARTY WELCOME TO THE ATMOSPHERE. HE ASKED ME IF I WOULD COME DOWN TO HELP HIM PUT UP AN AERIAL, AS HE TOO, WANTED TO GET IN THE GAME. I TOLD HIM I WOULD, BUT SORRY I AM TO THIS DAY, I NEVER GOT AROUND TO IT.

IT SO TURNED OUT THAT DR. BESSE WAS "A REGULAR GUY," WHEN IT CAME TO BUILDING TRANSFORMERS. HE WOULD TURN OUT A COUPLE OF KILOWATTS TRANSFORMER OVER NIGHT, SO I GOT HIM TO MAKE

.....CONT'D NEXT PAGE.....

AMATEUR NUMBER ONE

.....CONTINUED.....

ME ONE. POOR DR. BESSE. I HAVE ALWAYS FELT SORRY FOR HIM. HE USED TO SIGN "HB" AND ALTHOUGH HE SAID "A BEAR CAN LEARN TO TELEGRAPH," HIS SPEED NEVER EXCEEDED FIVE WORDS PER MINUTE. McCLARNEY, WHO USED TO BE NIGHT OPERATOR AT THE WALDORF, NICKNAMED HIM "QUEEN OF THE GLUE FACTORY," AND IT ALWAYS STUCK TO HIM. HOW WELL I CAN HEAR OLD MAC NOW CALLING UP "HB" AND PROCEEDING AT THE FIVE WORD PER MINUTE SPEED SAYING "PLEASE KEEP OUT", ONLY TO HAVE THE "QUEEN OF THE GLUE FACTORY" COME BACK WITH "WHAT? PLEASE SEND SLOWER". MAC HAD A MOST TERRIBLE TEMPER, AND A MOST BEAUTIFUL WAY OF SWEARING. HE WOULD TELL OLD "HB" ONE OR TWO THINGS AT ABOUT FORTY WORDS PER MINUTE, AND THEN FINALLY GO TO THE TELEPHONE AND TELL HIM WHAT HE HAD SO VAINLY ATTEMPTED TO SAY BY WIRELESS.

I WORKED BESSE'S TRANSFORMER FOR A FEW WEEKS, AND THEN DECIDED IT WAS A MISFIT, AND NOT DESIGNED RIGHT, SO I CALLED ON DAD AGAIN, AND ACQUIRED THE MONEY NECESSARY TO GET A ONE KILOWATT TYPE E. I TURNED THE OLD TRANSFORMER IN TO CLAPP-EASTHAM, AND I MUST SAY HERE A WORD OF PRAISE FOR THEM..THEY ALLOWED ME THE FULL PRICE ON IT TOWARD THE ONE KILOWATT. FELLOWS HERE IS ONE OF THE WHITEST FIRMS IN THE BUSINESS.

AMATEURS BEGAN TO COME IN GALORE NOW, AND AMONG SOME OF THESE I CAN RECALL: WEISS "PN," RUNYON "WA", KING "FK", HUDSON "DR", BESSE "HB", SKINNER "SK", MEYERS "DX", BOEDER FH", GOLDHORN GH", BARRETT "DB", MACON DM", CANNON "CC", RUPPERT, MINNERS BROS DONAHUE "GD", BIRCHARD "B", PACENT, PFEIFER, SHARRENEBECK, SHARP, SHAUGHNESSY, AND THERE ARE POSSIBLY FIFTY OTHERS WHO ARE REAL OLD TIMERS. ONE IN PARTICULAR, I CAN REMEMBER HIS CALL "SY" FROM YONKERS, BUT I CANNOT THINK OF HIS NAME.

NOW I AM GOING TO EXPOSE A VERY BASHFUL FRIEND OF MINE, WHO VERY MUCH DISLIKES NOTORIETY, BUT HE IS GOING TO GET SOME JUST THE SAME, IF THE EDITOR ONLY KEEPS UP COURAGE WITH ME. THIS FELLOW IS NO LESS THAN ARTHUR BOEDER, WHO IS RIGHT AMONG THE THICKEST OF YOU, AND WHO IS DOING SOME OF THE BEST WORK AMONG YOU TODAY. DO YOU KNOW WHERE HE LEARNED A GREAT PART OF HIS MORSE, FELLOWS? WELL, IT WAS SITTING OUT UNDER BY AERIAL AT NIGHT WITH AN OLD LANTERN, A PAD AND PENCIL AND LISTENING

TO SOME OF THE SPARE JUICE RUNNING OFF THE TIP OF MY BUM AERIAL. HE WAS TOO BASHFUL TO EVEN COME IN AND CALL ON ME. I NEVER KNEW HE WAS THERE AT ALL, UNTIL HE TOLD ME OF IT YEARS LATER.



"HATS OFF TO HIS KEEN WITS AND NOT MY BUM SENDING: HE TURNED OUT TO BE A DANDY LITTLE OPERATOR."

MR. EDITOR, WHY DON'T YOU GO DOWN AND "MUG" HIM FOR OUR QST? I AM JUST WRITING THIS PARAGRAPH TO GET HIS GOAT.

HATS OFF TO HIS KEEN WITS AND NOT MY BUM SENDING, AS HE TURNED OUT TO BE A DANDY LITTLE OPERATOR, AND LONG BEFORE HE WAS OUT OF SHORT PANTS, HE LEFT LOTS OF OTHERS IN THE DUST WHO HAD PLUGGED AND PLUGGED AT IT. I MIGHT JUST AS WELL ADMIT IT, BEFORE HE TELLS YOU TO GET BACK AT ME, THAT HE HAS ONE OF THE FINEST SISTERS A BROTHER EVER WANTED TO HAVE AND SHE CAN SEND TOO. AT LEAST SHE USED TO, FOR AFTER I KNEW HER, MY ELECTRIC LIGHT METER REGISTERED AT LEAST TEN DOLLARS A MONTH MORE FOR JUICE CONSUMED IN TALKING TO HER. CALL HER UP FELLOWS, AND ASK FOR JULIA. SHE SIGNS "JB". I'LL LET YOU GO NOW ARTHUR, ALTHOUGH I'D LIKE TO TELL 'EM HOW YOU WENT AND ASKED MR. HUGHES OF THE UNITED WIRELESS FOR A JOB, AND YOUR HEAD HARDLY CAME UP TO HIS KNEE, AND HE SAID, "YES I'LL GIVE YOU A JOB, MY BOY, BUT YOU WILL HAVE TO HAVE ON LONG PANTS FIRST".

THIS ARTICLE WILL BE CONTINUED
IN YOUR NEXT ISSUE OF SGT.

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NEWS ABOUT MEMBERS

ANTENNA AT THE WHITE HOUSE:

LOCAL HAM RADIO OPERATOR KNEW BARRY MANY YEARS AGO

SUBMITTED BY "TATE" THETREAU, WNFJ

By: RAY SPANGLER.

GUESS WHO ON THE PENINSULA HAS KNOWN BARRY GOLDWATER LONGER THAN ANYONE? I NOMINATE ERVIN (ERV) A. RASMUSSEN, 164 LOWELL ST., REDWOOD CITY.

BARRY GOLDWATER WAS BORN JAN. 1, 1909. IN 1923, PROBABLY IN JUNE, HE QUALIFIED FOR HIS AMATEUR RADIO STATION AND LICENSE, AND STARTED OPERATING STATION 6BPI.

RASMUSSEN AT THE TIME LIVED IN OSHKOSH, WISCONSIN. THERE HE OPERATED RADIO STATION 9BCH.

THE 14 YEAR OLD PHOENIX, ARIZONA OPERATOR SENT HIS NUMBER ONE MESSAGE CARD DATED JUNE 18, 1923, TO STATION 9BCH.

IT IS A PLAIN, GOVERNMENT POSTCARD AND THE MESSAGE IS WRITTEN IN PENCIL. IT IS LABELED NO. 1 FROM 6BPI AND IS ADDRESSED TO 9BCH.

THE MESSAGE: "UR CW HEARD HERE."

THE SIGNATURE IS 6BPI.

LATER THAT SAME YEAR BARRY HAD SOME CARDS PRINTED WITH THE STATION'S CALL LETTERS, 6BPI, IN EXTRA LARGE RED LETTERS.

ERV RASMUSSEN HAS KEPT BOTH CARDS.

THE SECOND IS ADDRESSED TO RADIO 9BCH. IT SAYS "UR SIG'S HRD. HR. SOMETIME, 1923, M.S.T."

THE REST OF THE LINGO THE AMATEUR RADIO BOYS WILL UNDERSTAND: "QRK...6BPI QRM... NIL QRN...YES QRH QRB".

THE BODY OF THE MESSAGE: "I AM REMODELING MY STATION SO EXPECT SOME REAL DX NEXT WINTER. BEST DX TOO 6XY HONOLULU." (THAT "TOO" IS AN ERROR IN LANGUAGE.)

FOLLOWED THE BASIC INFORMATION ABOUT HIS STATION: TRANSMITTER 10 WATTS. REVERSE FEED BACK, RADIATION 2.5 AMPS. NW RECEIVER-REINARTZ, WITH PEANUT TUBE, 2-STEP AMPLIFIER. ANTENNA - 4 WIRE T-100 FT. LONG, 35 FT. HIGH WIRE COUNTERPOISE.

THE CARD SAYS, "ALWAYS GLAD TO QSR IF POSSIBLE". IT IS SIGNED "PSE QSL. BIG 73'S, BARRY GOLDWATER, 710 NORTH CENTRAL AVENUE PHOENIX, ARIZONA."

THE INITIALS B.G. APPEAR IN INK TO PERSONALIZE THE CARD.

THE INITIALS A.R.R.L (MEANING AMERICAN RADIO RELAY LEAGUE) ARE UNDERLINED SIX TIMES. ACROSS THE BOTTOM OF THE CARD IS SCRAWLED THIS MESSAGE: "GLD U ARE HEARD IN 48 STATES O M- FINE WORK-."

THE O.M. STANDS FOR "OLD MAN" I'M INFORMED.

RASMUSSEN TALKED TO GOLDWATER BY HAM RADIO SUNDAY MORNING AT 11:15. HE SAID BARRY WAS KNOCKING OFF MESSAGES FROM ALL OVER THE COUNTRY, ONE RIGHT AFTER THE OTHER.

I ASKED HIS FI ANY OF THESE MESSAGES WERE CRITICAL, AND HE SAID: "CERTAINLY NOT. WE ALL WANT TO SEE AN ANTENNA AT THE WHITE HOUSE."

IT SEEMS THAT BARRY LET HIS RADIO WORK LAPSE FOR A NUMBER OF YEARS, BUT TWO YEARS AGO HE CAME TO PALO ALTO TO SPEAK TO THE YOUNG REPUBLICANS. AT THAT TIME HE AND RASMUSSEN TALKED ABOUT HIS MESSAGE CARD NO. 1, AND SHORTLY AFTER THAT BARRY PUT HIS STATION BACK INTO OPERATION AND HAS BEEN AT IT SINCE.

RASMUSSEN SAID HE ADDED HIS OWN CONGRATULATIONS TO ALL THE OTHERS POURING IN ON THE PHOENIX AMATEUR STATION.

WE REMEMBER ERV'S RADIO STATION BEST FOR THE GREAT FLOODS OF THE WINTER OF DEC. 1955 AND JAN. 1956 AND HIS PRESENT STATION, W6YPM.

THE OPERATORS OF THE HAM SETS IN EUREKA THERE WERE SO TIRED OF LISTENING TO FLOOD MESSAGES THAT THEY CALLED ERV AND ASKED FOR SOME NEWS OF THE OUTSIDE WORLD. HE CALLED ME AND I, IN TURN, CALLED THE ASSOCIATED PRESS. NEXT MORNING THE AP HAD BUD SPRUNGER DOWN HERE STANDING GUARD IN THE RADIO ROOM, BECAUSE IT DEVELOPED THAT THIS WAS THE ONLY RELIABLE MEANS OF COMMUNICATION TO THE FLOODED AREA.

RASMUSSEN HAS ONE OF THE MOST EXTENSIVE COLLECTIONS OF EARLY RADIO TUBES, RADIO RECEIVERS AND TRANSMITTERS ON THE COAST.

UNPREMEDIATED MC
BY: EUNICE R. THOMPSON, WIMPP
(MAP ON NEXT PAGE)

NEARLY A YEAR AGO WHEN WIZE WAS SUFFERING HIS FINAL DECLINE HE FOUND THE BURDEN OF NET CONTROL FOR THE OOTC ON THURSDAY NIGHTS AN INCREASING HARDSHIP. HE ASKED EUNICE, WIMPP, TO FILL IN FOR HIM OCCASIONALLY. THE ULTRA LOW POWER THEN USED BY EUNICE AT HER HOME STATION IN LOVELL, MAINE GAVE MOST LISTENERS A BAD CASE OF EAR STRAIN. SO WIUL, GEORGE, OOT No.425, IN THE ADJOINING TOWN OF EAST STONEHAM, OFFERED THE CONVENIENCES WHICH GO WITH AN 833A IN THE FINAL AMPLIFIER. IF EUNICE WOULD DONATE HER VOICE, HE WOULD DONATE THE POWER.

THUS IT CAME TO PASS THAT AN UNIDENTIFIED "2" ASKED WHY A YOUNG GIRL APPEARED THE MISTRESS OF CEREMONIES FOR THE OOT NET ON 3960 K.C. IT WAS ALL PERFECTLY LEGAL AND PROPER AS EUNICE HAD STARTED AS ICDP BACK IN 1919 AND BECAME OOT No. 168. HER OM, WIPS - KEN, WAS ROPED INTO THE ACT, ALSO LEGALLY, AS HE STARTED WITH A COHERER BACK IN 1907 AND IS OOT No. 230. HAD WIPS KNOWN THAT HE WAS TO PILOT A 1953 CHEVY OVER BACK ROADS WITH LITTLE REGARD FOR THE RIGORS OF MAINE WINTERS, HIS EYEBROWS WOULD HAVE LIFTED CLEAN OFF.

GEORGE'S XYL VIOLA, "HI VI FOR SHORT, WAS ALSO ENSNARED IN A DIFFERENT CAPACITY AS WE SHALL YET SEE. SHE WOULD NEVER ALLOW THE AGING VISITING COUPLE TO RETURN OVER THOSE DESERTED ROADS IN ZERO TEMPERATURES WITHOUT PROPER NOURISHMENT. SO EACH ONE OF THE QUARTET GOT INVOLVED IN THE WEEKLY AFFAIR BY A SORT OF SLOW MOTION SEDUCTION. IT WAS, AFTER ALL, TO BE A TEMPORARY ARRANGEMENT UNTIL IRVING, WIZE HAD RECOVERED OR UNTIL AN OFFICIAL MALE NET CONTROL COULD BE APPOINTED. APPARENTLY THE APPOINTIVE APPARATUS IS RUSTY AS NOTHING OFFICIAL HAS BEEN DONE IN THIS DIRECTION TO SEPTEMBER 1964.

THE APPENDED MAP GIVES CLUES TO THE PITFALLS OF THE TEN MILE ROAD BETWEEN THE RESPECTIVE QTH'S. AT "B" A BEAR WAS ONCE SEEN, AT "C" COONS, AT "D" DEER, AT "F" FOXES. SLAB CITY, ESTIMATED POPULATION 20, OFFERS THE CHALLENGE OF A 10% GRADE UN-NEGOTIABLE ASCENDING WHEN ICE-COATED, A TRAP FOR THE UN-WARY DESCENDING, WITH ITS SERPENTINE CURVES. ICE CONDITIONS SOMETIMES DICTATED A FIVE MILE LONGER ROUTE SKIRTING THE SHORES OF LAKE KEEWAYDIN, BUT EVEN HERE THE FINAL MILE IS STEEP AND THE COUPLE HAS WALKED IN THE LAST THOUSAND FEET.

SET BACK FROM THE ROAD SOME 300 FEET GEORGE'S DOMICILE, RINGED BY BIRCHES AND EVERGREENS HAS THE QUIANT LINES OF A FRENCH PROVINCIAL COTTAGE. FROM THE SPACIOUS PORCH, REPLETE WITH FORM-FITTING CHAIRS, THE OUTLOOK IS ACROSS A WOODED VALLEY TO GREEN HILLS BEYOND. AN ADJACENT SEPARATE BUILDING SERVES AS GARAGE, TV REPAIR SHOP, WAREHOUSE AND HAM SHACK, COMFORTABLY GAS-HEATED AND BACKED UP BY A FULL GALLON HOME-BREW TRANSMITTER.

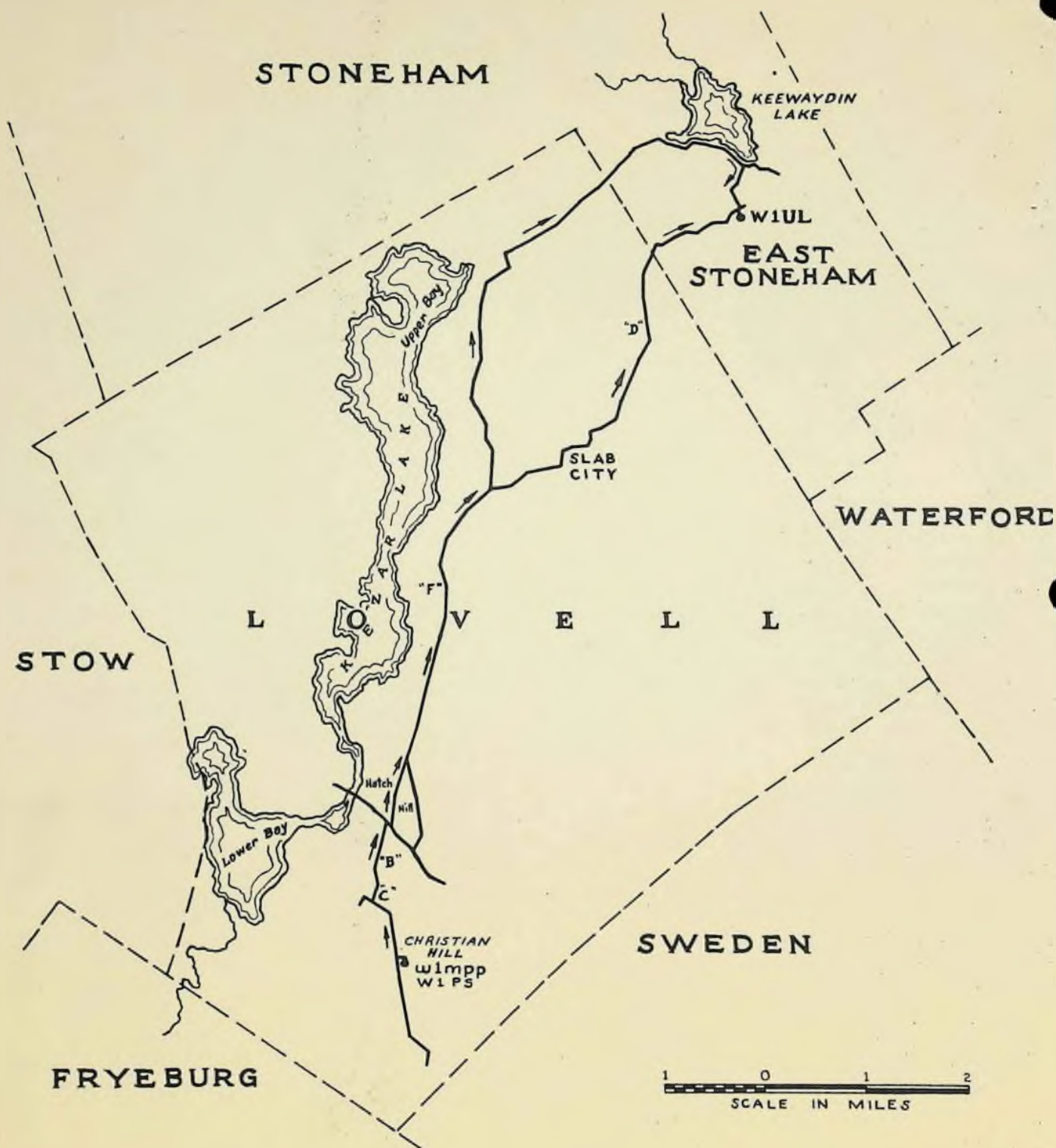
SPECIAL ACCOUTREMENTS ARE BROUGHT OUT (OR CONCEALED) FOR THE THURSDAY NIGHT FEMININE TAKE-OVER. ASH TRAYS ARE EMPTIED, CUSPIDORS REMOVED AND A BRACE OF PILLOWS APPLIED TO PAD THE HARD SEAT OF A MID-VICTORIAN CHAIR. IF A FULL MOON IS IMMINENT GEORGE EVEN SWEEPS THE FLOOR. THE MIKE IS PROPPED UP TO A CONVENIENT ELEVATION. THUS THE STAGE IS SET FOR THE 90 MINUTE ROUND TABLE ON 3940 BEGINNING OFFICIALLY AT 6:30 P.M.

AFTER SIGNING OFF, EUNICE, ACCOMPANIED BY HER ASSISTANT OPERATORS WIUL AND WIPS, ADJOURNS TO THE HOUSEHOLD LIVING ROOM. REINFORCING A SPRIGHTLY GREETING FROM HI VI, WHO HAS BEEN LISTENING TO THE NET IN SECLUSION, IS A FRESH SPRAY OF FLOWERS ON THE DINING TABLE. IT IS A LITTLE-KNOWN FACT THAT GEORGE OPERATES A HORTICULTURAL ESTABLISHMENT ON THE QT AND STRICTLY NON-COMMERCIAL. A GREEN HOUSE IS SO CLEVERLY MERGED INTO THE REAR OF HIS DWELLING IT IS HARD TO TELL WHERE THE ONE STOPS AND THE OTHER BEGINS. AT ANY RATE, THE FLOWERS ARE THERE, YEAR ROUND. HE CAN DISH OUT JONQUILS IN JANUARY AND SYRINGA IN SEPT.

A TEA KETTLE SINGS LAZILY ON THE WOOD BURNING STOVE, ALWAYS POLISHED AND BLACKED TO PERFECTION. HERE AND THERE SEVERAL CATS ARE STRETCHED OUT, SNOOZING. THESE SLEEK ANIMALS, BESIDES ADORNING THE HOME, SERVE THE UTILITARIAN PURPOSE OF SUPPRESSING THE BIRTH RATE OF PREDATORY CREATURES WHICH INFEST THE NEARBY THICKETS. IN THIS TRANQUIL ATMOSPHERE, GEORGE REMOVES HIS SHOES, HOISTS HIS FEET ONTO THE BACK OF THE STOVE AND THE THURSDAY NIGHT GOSSIP SESSION BEGINS.

THE FLOWERS ON THE TABLE ARE A DELIGHT TO THE EYE; THEIR EFFECT ON THE PALATE LEAVES SOMETHING TO BE DESIRED. ALONG

....CONT'D NEXT PAGE



...UNPREMEDIATED MC CONTINUED...

ABOUT 9:30 HI VI STROKES THE FIRE, A
POT OF TEA BEGINS TO SIMMER, DOILIES ARE
LAID OUT ON THE POLISHED TABLE TOP AND
ERE LONG BAKED AND OTHER DELICACIES
APPEAR. THE ALL-BUT-LOST ART OF COOKING
OVER A WOOD FIRE IS HERE RESTORED AND

PROVIDES TO WIMPP/WIPS ENOUGH NUTRIENT AND
INSPIRATION TO INSURE A RETURN THE FOLLOWING
THURSDAY. THIS ROUTINE HAS SPANNED NEARLY
FIFTY WEEKS. "ANYBODY WANT TO APPOINT A
PERMANENT NET CONTROL. I'M NOT RECOMMENDING,
JUST ASKING." - EUNICE -

LEAVES

BY: HAROLD CASTNER, WIBI

SUBMITTED - BY: EUNICE THOMPSON, WIMPP

IN WINTER TIME IT GRIEVES ME SO
TO SEE OUR GARDEN FILLED WITH SNOW
THE NAKED TREES SO BARE AND STILL
BUT IN THE SPRING, I KNOW THERE WILL
BE LEAVES.

WHEN APRIL COMES, I KNOW FULL WELL
THE LITTLE BUDS BEGIN TO SWELL
I AM SO EAGER, EVERY DAY
AND KNOW THAT VERY SOON THERE MAY
BE LEAVES.

I AM ENTHUSED IN EARLY MAY
AND WATCH THEM CHANGE, FROM DAY TO DAY
I KNOW BY JUNE THEY WILL HAVE GROWN
AND SHADE ME AS I SIT ALONE
THE LEAVES.

JULY REVEALS A LOVELY SIGHT
REFRESHING SHADE AND COOL DELIGHT
A THING OF BEAUTY, JUST TO SEE
HOW GOD PROVIDES THAT EVERY TREE
HAS LEAVES.

IN AUGUST, ON THE HOTTEST DAYS,
THE TREES CONTRIBUTE MANY WAYS
THE LOVELY SHADE AND GENTLE BREEZE
FOR ONLY GOD CAN MAKE THE TREES
GROW LEAVES.

ALL SUMMER LONG, I SO MUCH PRIZE
THOSE SHADY TREES OF VARIED SIZE
WHICH BEAUTIFY OUR GARDEN THERE
NO GREATER BEAUTY, I DECLARE
THAN LEAVES.

SEPTEMBER WHEN THE SUN HAS CROSSED
THE EQUINOX, WE LOOK FOR FROST
BEFORE IT COMES, I LOOK AROUND
AND NOTE THE PRESENCE, ON THE GROUND
OF LEAVES.

THEY MAKE A MESS UPON THE LAWN
I REALIZE THAT SUMMER'S GONE
THE MOWER CHOPS THEM UP YOU SEE
BUT VERY SOON THERE SEEMS TO BE
MORE LEAVES.

OCTOBER FROST IS MORE SEVERE
THE MOST DESTRUCTIVE TIME OF YEAR
THE FLOWERS DIE, AND ALL AROUND
AN AWFUL MESS, UPON THE GROUND
OF LEAVES.

I MUST ENDURE THIS AWFUL CURSE
OF PILES OF LEAVES, AND WHAT IS WORSE
EXPENSIVE PLANS I HAVE TO MAKE
TO HAUL THEM OFF AND RAKE AND RAKE
THOSE LEAVES.

MY BACK GETS LAME, MY FEET GET SORE
MY HANDS ARE BLISTERED, AND THE MORE
I RAKE AND HAUL, I LOOK AROUND
AND FIND A LOT MORE ON THE GROUND
OF LEAVES.

THEY TANGLE IN THE FLOWERS THERE
THEY NEARLY DRIVE ME TO DESPAIR
THEY AGGRAVATE ME, SO I GUESS
THAT NOTHING SEEMS LIKE SUCH A MESS
AS LEAVES.

IN TIME I GET THEM HAULED AWAY
THE FEW REMAINING HAVE TO STAY
YET, THERE IS STILL ANOTHER THING
CONFRONTING ME. IN EARLY SPRING
MORE LEAVES.

MY ATTITUDE HAS CHANGED BY NOW,
FORGETTING ALL THE MESS, SOMEHOW
I SOON DISPOSE OF ALL OF THESE
AND HOPE TO SEE THE LOVELY TREES
WITH LEAVES.

AND SO IT GOES. PERHAPS WE MAY
COMPARE IT OTHERWISE, AND SAY
"SOME THINGS IN LIFE ARE EVEN WORSE,
FIRST A BLESSING, THEN A CURSE"
LIKE LEAVES.

THE CONSOLATION THAT I FIND
IS ALWAYS PRESENT IN MY MIND
IN CLEANING UP THE MESS THEY MADE
THEY ARE DELIGHTFUL SUMMER SHADE
THESE LEAVES.

BERT: THIS POEM WRITTEN BY HAROLD CASTNER, EX IB! SINCE MOST EVERYONE HAS A PROBLEM OF
LEAVES, THOUGHT IT MIGHT BE APPROPRIATE FOR OCTOBER ISSUE. TIS NOT RADIO OR WIRELESS,
HOWEVER. YOU DON'T HAVE TO USE ANY OF THIS JUST THOUGHT IT MIGHT PROVE INTERESTING.

Spark-Box Times

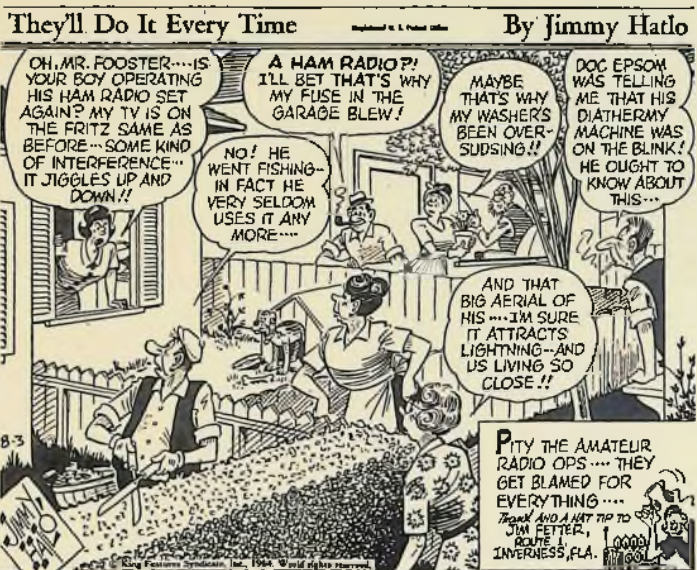
OCTOBER 1964



OOTC MEMBERS AT THE DAYTON
HAMVENTION 4-25-64
K8UZ, W8WC, W8TN, W8UDV, W8DG, W8TE



K8UZ, W8UDV, W8DG, W8TE



THIS WAS THE NEAT AND EFFICIENT STATION OF 8UG, HARRY LORD, CAMBRIDGE SPRINGS, PENNA. HARRY IS IN 5 LAND NOW. THE VINTAGE IS 1915.

ARTICLES

" THE AMERICAN RADIO RELAY LEAGUE "

By: WAYNE NELSON, W4AA

ANY OUTSTANDING SUCCESS WILL DRAW THE FIRE OF JEALOUSY FROM A SMALL SEGMENT OF MALCONTENTS. IN THE BEGINNING - SOME HALF CENTURY AGO - IT REQUIRED VISION AND DARING TO SET UP AND KEEP ALIVE THE ORGANIZATION "OF, BY AND FOR" THE AMATEUR. IN THE INTERVENING YEARS IT HAS REQUIRED DARING, PERSISTENCE AND FAR-SIGHTED ACTION TO FORGE AHEAD IN THE BEST INTERESTS OF AMATEUR RADIO. ONE OF THE OCCASIONAL AND RIDICULOUS SING-SONG "WAGS" SOMETIMES HEARD IS THAT THE ARRL IS "TRYING TO RUIN AMATEUR RADIO." BUT NEVER YET HAS THERE BEEN A SINGLE LOGICAL REASON GIVEN AS TO WHY THE ARRL WOULD WANT TO KILL THE THING THAT KEEPS IT ALIVE, NAMELY, HEALTHY AND WIDESPREAD AMATEUR ACTIVITY.

THE MEN WHO ADMINISTER THE LEAGUE ACTIVITIES ARE WELL ACQUAINTED WITH THE CONDITIONS WHICH MUST BE CONSIDERED IN PLANNING FOR YEARS AHEAD. THEY WELL KNOW THAT SOME WHO HAVE NEITHER THE TIME NOR THE INCLINATION (AND IN A FEW CASES NOT THE MENTAL CAPACITY) TO REACH DECISIONS WHICH WILL PROVE TO BE THE MOST JUDICIOUS ONES, WILL BE THE FIRST TO START DESTRUCTIONIST TACTICS. THERE MUST BE A SUB-LEVEL THAT IS OF LITTLE CREDIT TO AMATEURS WHEN A CONSIDERABLE NUMBER OF THOSE WHO WRITE PROTEST LETTERS TO THE FCC DO NOT EVEN KNOW HOW TO CORRECTLY SPELL THE WORD "AMATEUR", BASICALLY THE ONE OVERALL WORD APPLYING TO THEIR OWN HOBBY.

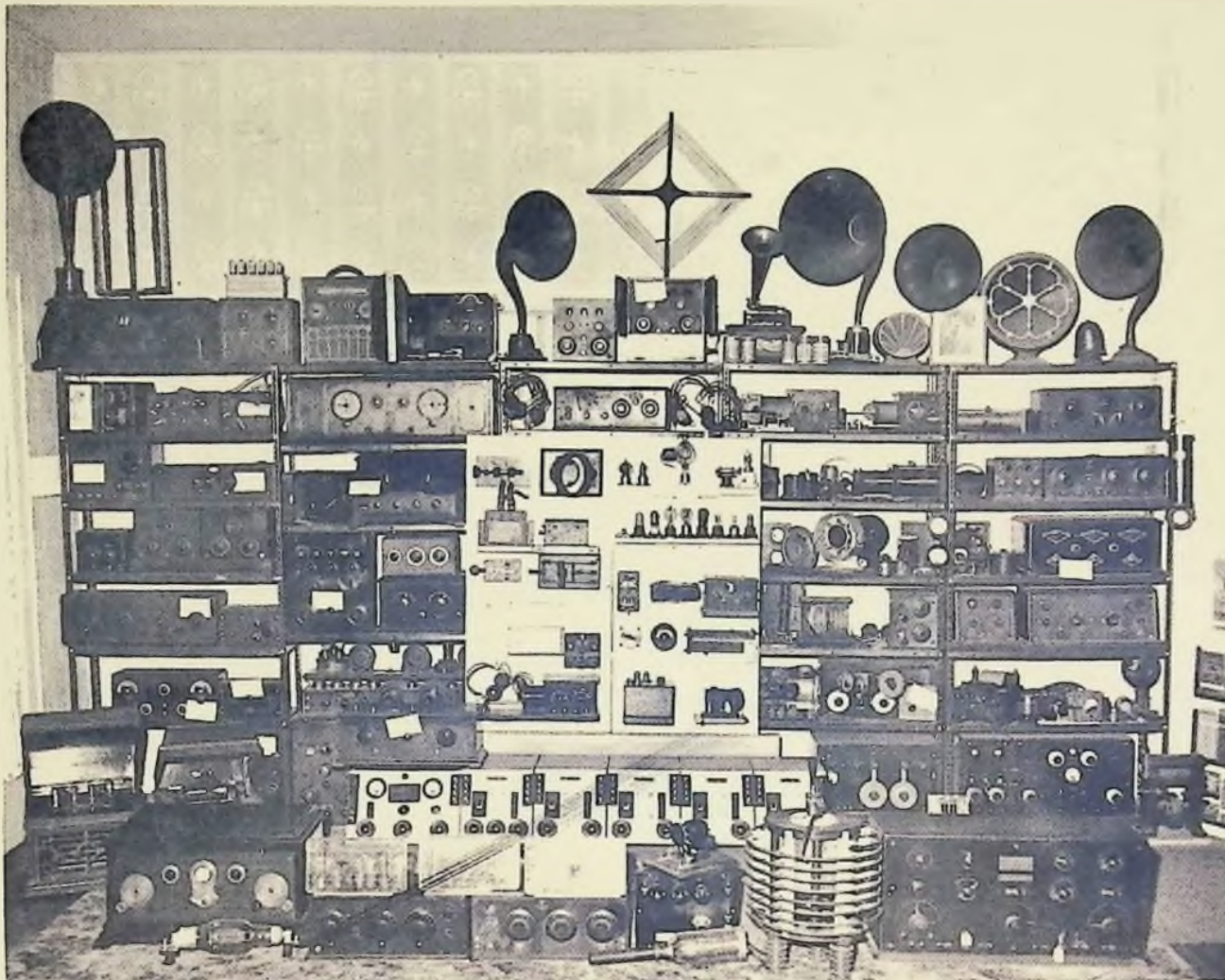
IT IS DEFINITELY TO THE CREDIT OF OUR OWN LEAGUE THAT IT COMMANDS SUCH RESPECT AS TO BE ABLE TO ATTRACT MEN WHOSE EXPERIENCE AND PERSONAL STANDING FITS THEM TO PERFORM EXECUTIVE DUTIES BEFITTING THE ONLY ORGANIZATION ADEQUATELY REPRESENTING THE AMATEUR. I AM CLOSELY ACQUAINTED WITH SOME BUSINESS ORGANIZATIONS WHOSE ADMINISTRATIVE HEADS COMMAND SALARIES IN THE \$25,000-\$75,000 RANGE YEARLY. SUCH POSITIONS SHOULD NOT BE ENTRUSTED TO INEXPERIENCED EXECUTIVES IN THE \$5,000-\$10,000 BRACKET. THE ADMINISTRATION OF OUR OWN LEAGUE IS NO DIFFERENT FROM THE HANDLING OF ANY OTHER BUSINESS, SUCCESS OR FAILURE DEPENDS ON THE WISDOM OF THE MEN AT THE HELM. THE LEAGUE NEEDS MEN OF THE CALIBRE OF HERBERT HOOVER, JR., AND IS FORTUNATE IN BEING ABLE TO MAKE USE OF THEIR ABILITIES.

IT SEEMS LITTLE SHORT OF "CARRYING COALS TO NEWCASTLE" TO RECALL THAT THE FIRST WIRELESS LEGISLATION TOLERANTLY DUMPED WHAT WAS THEN THOUGHT OF AS WORTHLESS WAVELENGTHS, AS THE NEXTING AND RESTING PLACE OF THE AMATEURS. NOT TO STAIN THE LAURELS OF PIONEER WORK, BUT FOR SAKE OF HISTORICAL ACCURACY, WE SHOULD HONESTLY ADMIT THAT IN BUT A SHORT TIME THE AMATEURS WERE IN NO SENSE ALONE IN THE EXPERIMENTAL AND DEVELOPMENTAL WORK INCIDENT TO SETTING AND SOON THEREAFTER IN BREAKING RECORDS AS TO SHORT WAVE PERFORMANCE, THE AMATEUR WAS OFTEN ONE OF THE STAFF OF SOME COMMERCIAL BUSINESS WHOSE EFFORTS WERE REDOUBLED IN THE STIFF COMPETITION FOR COMMERCIAL SUPREMACY. WIRELESS WAS PLEASANTLY A CLOSELY RELATED VOCATION-AVOCATION AND THE AMATEUR WAS NOT A THING APART FROM COMMERCIAL ENTERPRISE, THO OF COURSE MANY THOUSANDS REMAINED NON-COMMERCIAL AND ENJOYED WIRELESS SOLELY AS A HOBBY. OVER THE YEARS IT HAS BEEN BOTH BUSINESS AND PLEASURE TO ME AND NEITHER HAS DETRACTED FROM THE OTHER.

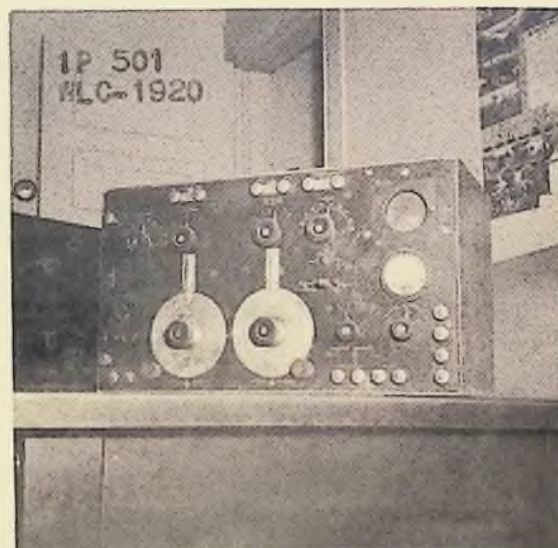
THE COUNTLESS FIELDS OF SERVICE THAT RADIO NOW PERFORMS AHEAD OF ALL TYPES OF COMMUNICATION IS PRACTICALLY ALL IN THE BANDS THAT WERE ONCE GIVEN LOCK, STOCK AND BARREL ONCE TO THE AMATEUR. OVER THE YEARS THOUSANDS OF LIVES HAVE BEEN SAVED BY THE RAPIDITY OF RADIO IN HUMANITARIAN WORK, HOSPITAL, POLICE, FIRE, FLOOD, CALAMITY AND AS VITAL CONTACT DAY IN AND DAY OUT WITH OTHERWISE TOTALLY ISOLATED POINTS IN OUR WORLD, PLUS NUMEROUS MODERN COMMERCIAL USES WHICH ALSO ARE A JUSTIFICATION IN THEMSELVES. IS THERE A SINGLE PERSON WHO WOULD SCRAP ALL THIS USE OF RADIO SERVICE TO OUR FELLOW HUMAN? WE NO LONGER LIVE IN A WORLD ALONE. THIS SAME USEFULNESS OF RADIO IS DUPLICATED IN MANY OTHER LANDS, SOME OF WHICH ARE FAR LESS SYMPATHETIC TO ANY AMATEUR ACTIVITY THAN ARE OUR OWN LAWMAKERS, SOME OF WHOM ARE THEMSELVES AMATEURS.

FORTUNATELY, THE DESTRUCTIONISTS ARE SMALL IN NUMBER, BUT THEY ARE RECKLESS WITH LOUD AND IRRESPONSIBLE MOUTHINGS AND

....CONT'D NEXT PAGE...



PART OF WAYNE NELSON'S, W4AA, ANTIQUE WIRELESS EQUIPMENT COLLECTION.



TWO PIECES FROM TATE THETREAU'S, W8FX, ANTIQUE WIRELESS EQUIPMENT COLLECTION.

....CONT'D....
" THE AMERICAN RADIO RELAY LEAGUE "

FALSE CHARGES. HAD IT NOT BEEN FOR THE HIGH STANDARD OF CONDUCT BY OUR LEAGUE OFFICIALS AND FOR THE RESPECT ACCORDED THE ARRL BY THE GOVERNMENT AGENCY HANDLING RADIO COMMUNICATIONS, WE MIGHT HAVE BEEN SHORN OF MUCH MORE OF THE FREQUENCY SPECTRUM THAN HAS HAD TO BE SET ASIDE FOR OTHER VITAL SERVICES. THE DESTRUCTIONISTS ARE MAKING USE OF THE VERY THING THE ARRL HAS CONTINUOUSLY HELPED KEEP FOR OUR - AND THEIR - USE AND ENJOYMENT. OUR OWN GOVERNMENT MUST MEET IN REGULARLY SCHEDULED CONFERENCES WITH OTHER NATIONS OF THE WORLD TO REVIEW AND REVISE FREQUENCY ALLOCATIONS AND PROVIDE FOR THE CO-OPERATION NEEDED TO MAKE MOST EFFICIENT USE OF A SPECTRUM OF DEFINITE LIMITATIONS, WITH HEAVIER DEMANDS BEING MADE ALL THE TIME.

BY AND FAR THE GREAT MAJORITY OF ARRL DIRECTORS HAVE BEEN, AND PRESENTLY ARE, RADIO MEN OF EXPERIENCE AND MATURITY AND OF RECOGNIZED STANDING AND RESPONSIBILITY IN THEIR OWN COMMUNITIES AND WHO HAVE BEEN SELECTED AND ELECTED BY THE ACTUAL AMATEURS TO COME TOGETHER TO REPRESENT THEIR INTERESTS. NONE OF THESE SERVE IN PERPETUITY AND THEIR RE-ELECTION OR ELECTION OF THEIR SUCCESSOR OR SUCCESSORS IS A PRIVILEGE OF THEIR OWN LOCAL AREA AMATEURS. I DO NOT AND CANNOT BELIEVE THESE MEN ARE INTENT ON KILLING THEIR OWN HOBBY. I HAVE NEVER HELD AN ELECTIVE OR APPOINTIVE ARRL OFFICE BUT OVER THE FORTY ODD YEARS PAST HAVE KNOWN MANY OF THE DIRECTORS AND OTHER LEAGUE OFFICIALS, AND I FEEL INDEBTED TO THEM FOR BEING WILLING TO RISK RIDICULE OF THE MOMENT IN ORDER TO MAKE DECISIONS WHICH THEY GENUINELY BELIEVE TO BE FAR-SIGHTED AND FOR THE GREATER GOOD OF AMATEURS GENERALLY.

FOR MORE THAN THIRTY-EIGHT YEARS I'VE MADE A LIVELIHOOD IN A MODEST WAY FROM BROADCASTING. OVER THESE YEARS I HAVE OWNED OUT-RIGHT EIGHT STANDARD BROADCASTING STATIONS. IN THE TWENTIES WE WERE ALLOWED A FREQUENCY DEVIATION OF FIVE HUNDRED CYCLES. NOW, IT HASN'T BEEN CUT IN HALF, OR QUARTERED, OR CUT TO A TENTH, BUT TO ONE-FIFTIETH, THE PERMISSIBLE DEVIATION IS NOW TEN CYCLES. FURTHERMORE, THE FCC DOES NOT ALLOW ANY GRANDFATHER RIGHTS OF WIDE TOLERANCE TO THOSE STATIONS ONCE OPERATING WITH SUCH ANTIQUATED TOLERANCES. NEITHER CAN WE AMATEURS EXPECT SUCH OUTDATED RIGHTS OF OTHER SORTS. OPERATING STANDARDS MUST BE CORRESPONDINGLY REVISED AND UPDATED.

NUMEROUS "CLUB" STARTS HAVE BEEN MADE OVER THE PAST HALF CENTURY, SOME BY MEN WHOM WE KNOW OR KNOW OF, AND WHOM WE HOLD IN HIGH ESTEEM, AS FOR INSTANCE MR. HUGO GERNSBACH WHO ONCE OPERATED THE RENOWNED ELECTRO IMPORTING COMPANY. EVEN THE MARCONI NAME, BACK OF THE WIRELESS AGE NAWA (NATIONAL AMATEUR WIRELESS ASS'N) FADED AWAY. MY ANTIQUE LIBRARY HAS A NUMBER OF NAMES IN THE "ORPHAN" RADIO MAGAZINE GROUP, MANY OF WHICH WERE EDITED BY FINE AND TRUSTWORTHY MEN. THE UN-SELFISH MOTIVES AND FARSIGHTED GOALS SET BY THE "FOUNDING FATHERS" OF THE LEAGUE ATTEST TO THEIR SOUNDNESS OF THINKING AND SUCCESS IN CARRYING OUT THEIR PLANS. ANY AMATEUR WHO WANTS TO INFORM HIMSELF AND BE ABLE TO CORRECTLY ASSESS THE PRESENT STATE OF THE ART AS IT AFFECTS THE AMATEUR, WOULD DO WELL TO INCLUDE IN HIS READING CERTAIN RECENT ARTICLES, SOME IN CQ, SOME IN QST.

JUNE 1964 CQ EDITORIAL ON PAGE 7 COVERS THE SUBJECT WITH VITAL FACTS THAT ANY ALERT AMATEUR SHOULD ACQUAINT HIMSELF WITH.

QST FOR JUNE 1964 ON PAGE 28 TAKES A "LOOK INSIDE PETITION RM-499". BILL ORR, W6SA1, A WELL KNOWN CALIFORNIAN DIGS OUT PERTINENT FACTS.

MARCH 1964 QST EDITORIAL LAST PARAGRAPH DOES A NUTSHELL SUMMATION: " MOST ENCOURAGING TO ALL PARTIES CONCERNED.. AND PARTICULARLY TO LEAGUE OFFICIALS.. IS THE GROWING REALIZATION IN ORGANIZED AMATEUR RADIO AROUND THE WORLD OF THE SERIOUSNESS OF THE REGULATORY PROBLEMS WHICH WILL FACE US AT THE NEXT INTERNATIONAL CONFERENCE. THIS GROWING RECOGNITION, AND THE SERIOUS DETERMINATION TO TACKLE THE PROBLEM WITH THE COMBINED EFFORTS OF ALL OF US, IS ANOTHER MAJOR STEP FORWARD IN AN OVER-ALL PLAN TO PRESERVE THE AMATEUR RADIO SERVICE."

HERAM PERCY MAXIM, FIRST OF THE FIVE ARRL PRESIDENTS IN HALF A CENTURY PUTS IT THIS WAY: " I ASK HOW IT ALL CAME ABOUT, THAT THE ARRL SHOULD HAVE SUCCEEDED AND ALL ITS OPPONENTS FAILED..IN OUR ARRL WE INSISTED FROM THE BEGINNING THAT NO SELFISH MOTIVE FOR ANYBODY OR ANYTHING SHOULD PREVAIL..THAT POLICY BRED LOYALTY AND CONFIDENCE. WITH THESE TWO THINGS AN ORGANIZATION CAN PROSPER FOREVER."

SPY OR NO SPY ??
BY: HOWARD S. PYLE, W7OE

SEEMS LIKE GEORGE STERLING STARTED SOMETHING WITH HIS MOST EXCELLENT R.I.D. STORY SERIES; WITNESS MORE OF THE SAME IN THE JUNE ISSUE! SO, HERE'S MY TWO BITS WORTH WHICH, HOWEVER, DON'T HOLD A CANDLE WITH WHAT GEORGE AND THE OTHERS HAVE BEEN WRITING; IT MAY HOLD A BIT OF INTEREST FOR SOME OF THE BOYS AT THAT.

I WAS A RADIO ENGINEER WITH U. S. CIVIL AERONAUTICS ADMINISTRATION IN THE EARLY PART OF 1942 SHORTLY AFTER WW2 GOT UNDER WAY. MY ASSIGNMENT ON ONE FIELD TRIP, INCLUDED INSPECTION OF SOME RADIO INSTALLATION WORK SOME OF OUR TECHNICIANS WERE ACCOMPLISHING AT THE SMALL TOWN OF EPHRATA, WASHINGTON, WHERE THE AIR FORCE HAD TAKEN OVER MOST OF THE OPERATION OF THE MUNICIPAL AIRPORT.

AS YOU FELLOWS ALL KNOW, ANY CONSTRUCTION AND/OR INSTALLATION WORK UNDERTAKEN BY THE GOVERNMENT INVOLVED THE USE OF THE VERY BEST OF MATERIALS AND CALLED FOR THE HIGHEST QUALITY OF WORKMANSHIP. ALL OF US IN THE CAA SERVICE WERE INTIMATELY FAMILIAR WITH THE TYPE OF WORK OUR CREWS WERE REQUIRED TO ACCOMPLISH SO THAT WE RECOGNIZED PROFESSIONAL PERFORMANCE AT FIRST GLANCE.

I ARRIVED IN EPHRATA AFTER DARK; HOTEL SPACE IN THE ONE AND ONLY HOTEL OF ANY CONSEQUENCE IN THE TOWN WAS FULL TO CAPACITY. I DID MANAGE TO WORK A SMALL BACK-ROOM WITH ONE WINDOW OVERLOOKING A ROW OF TWO STORY FRAME BUILDINGS, FROM THE PROPRIETOR OF THE TOWN'S ONLY REMAINING "HOTEL", A SHACKY OLD FIRE-TRAP BUT IT DID HAVE A BED!

BEING DARK, I NATURALLY SAW NOTHING FROM THE WINDOW WHEN I PULLED DOWN THE SHADE AGAINST THE ANTICIPATED MORNING SUN. BUT; UPON ARISING THE FOLLOWING MORNING AND RAISING THE SHADE, I WAS STARING DIRECTLY AT SOMETHING I HADN'T DREAMED OF SEEING! I RUBBED MY EYES AND LOOKED AGAIN. SURELY ENOUGH, RUNNING FROM THE ROOF GABLE OF THE BUILDING NEXT DOOR TO A TREE IN THE REAR, ABOUT SEVENTY FIVE FEET REMOVED, WAS ONE OF THE PRETTIEST PROFESSIONALLY BUILT FOUR WIRE FLAT-TOP ANTENNAS I THINK I'D EVER SEEN! AS I CARRIED FIELD GLASSES FOR MY OWN OFFICIAL INSPECTIONS OF CAA ANTENNA SYSTEMS, I CONFIRMED IN MAGNIFICATION WHAT MY NAKED EYES HAD TOLD ME!

GLAZED PORCELAIN INSULATORS OF HIGH QUALITY COMMERCIAL TYPE WERE INSERTED IN THE ENDS OF EACH WIRE AT BOTH SPREADERS. A COMMERCIAL PYREX TYPE LEAD-IN BOWL WAS FITTED IN THE BUILDING WALL AND A RAT TAIL

LEAD-IN ATTACHED TO IT WITH A COMMERCIAL LUG. ALL SPLICES WERE OF THE PROFESSIONAL TAPERED BACK SPLICE TYPE WHERE THE ANTENNA WIRES TIED INTO THE INSULATORS AND WERE WELL AND SMOOTHLY SOLDERED! WHAT GOES? I THOUGHT, "THIS IS NO AMATEUR INSTALLATION". FURTHERMORE, WITH AN UNUSED FLAGPOLE ABOUT FIFTEEN FEET ABOVE THE ROOF GABLE WHY WAS THIS NOT USED AS THE SUPPORT FOR THE ANTENNA AT THE BUILDING END; WHY JUST TYING IT TO THE GABLE UNLESS TO CONCEAL IT FROM VIEW FROM THE STREET?

IT WAS TOO MUCH FOR ME; MAYBE THIS WAS ONE OF THE SPY STATIONS WE HAD BEEN HEARING ABOUT. TO FURTHER THIS THOUGHT THE FRONT PORTION OF THE SECOND FLOOR OF THE BUILDING WAS USED AS A DENTISTS' OFFICE; HIS SHINGLE AT THE STREET ENTRANCE BORE A GERMAN NAME...VON...SOMETHING-OR-OTHER, I DON'T REMEMBER WHAT.

USING A MYTHICAL 'LOOSE FILLING' AS AN EXCUSE, I CASUALLY INQUIRED OF THE HOTEL CLERK WHETHER THE DENTIST NEXT DOOR WAS PRETTY GOOD; HE WAS THE ONLY 'TOOTH BUTCHER' IN TOWN. "OH", HE REPLIED, "I SUPPOSE HE IS OK BUT YOU'LL HAVE TROUBLE UNDERSTANDING HIM; HE HAS A PRETTY HEAVY ACCENT!" THAT DID IT! I OF COURSE, HAD NO AUTHORITY TO ATTEMPT ANY OFFICIAL INVESTIGATION BUT I DID DESCRIBE WHAT I HAD SEEN TO THE COMMANDING OFFICER AT THE AIR BASE. HE WAS INCLINED TO "POOH-POOH" IT AND SHRUG IT OFF, SO I WROTE MY CAA OFFICE IN SEATTLE. I FOUND LATER THAT THEY HAD TURNED THE INFORMATION TO THE SEATTLE OFFICES OF BOTH THE FBI AND THE FCC; WHAT THEY DID WITH IT, I DON'T KNOW. I LEFT EPHRATA A COUPLE OF DAYS LATER AND AFTER COMPLETING MY INSPECTION TOUR IN THE DISTRICT, RETURNED TO SEATTLE IN ABOUT A MONTH. INQUIRING AT OUR OFFICE, THEY TOLD ME THAT BOTH FCC AND FBI CONSIDERED THE INFORMATION WORTHY OF INVESTIGATION WHICH WAS PREUABLY DONE, BUT AS THE FEDERAL AGENCIES CONSIDERED IT SECRET AND CONFIDENTIAL, THEY WOULD GIVE NO REPORT ON WHAT HAD TRANSPIRED; I NEVER DID KNOW. IN LATER TRIPS INTO EPHRATA I FOUND THE OLD HOTEL AND THE FRAME BUILDING HOUSING THE DENTISTS OFFICE HAD BEEN TORN DOWN AND REPLACED WITH MORE MODERN STRUCTURES. IF AN INVESTIGATION WAS MADE IT WAS REALLY "HUSH-HUSH" WAS IT A SPY STATION OR NOT? GUESS I'LL NEVER KNOW!

...AND MAYBE THIS IS THE ONLY ONE I KNOW!

"MYSTERIOUS MONKEYSHINES IN MED."

By: DICK KLEINBERGER, W2AEC

IN THE SUMMER OF 1921 I MADE A TRIP ON THE S.S. JEFFERSON BOUNTY - KIKF, DOWN THE FULL LENGTH OF THE MEDITERRANEAN TO CONSTANTINOPLE, STOPPING AT VARIOUS PORTS ALONG THE WAY.

THE SHIP WAS LYING AT ANCHOR AT SALONICA, GREECE. I WAS LAZILY LOOKING OVER THE RAIL AT THE GENERAL HARBOR SCENE. ABOUT 100 YARDS FROM THE SHIP WAS A ROWBOAT WITH TWO MEN ABOARD. ONE WAS MANNING THE OARS, AND THE OTHER WAS TURNING A CRANK HANDLE THAT WAS EVIDENTLY AN AIR-PUMP. A HOSE FROM THE AIR-PUMP WENT OVER THE SIDE AND DOWN.

BUBBLES KEPT RISING TO THE SURFACE. FROM ALL THIS I DEDUCED THAT A DIVER WAS ON THE HARBOR FLOOR. THE DIVER EVIDENTLY DID CONSIDERABLE WALKING AROUND AS THE POSITION OF THE BUBBLES KEPT CHANGING. I WAS COMPLETELY PUZZLED. I WATCHED THIS PERFORMANCE FOR NEARLY AN HOUR. FINALLY THE DIVER SURFACED. HE HAD WITH HIM A LARGE WIRE BASKET WHICH WAS ABOUT THREE-QUARTERS FULL OF PIECES OF COAL WHICH HAD FALLEN OVERBOARD FROM SHIPS AND WERE BEING RETRIEVED BY THESE ENTERPRISING GENTS.

"HOW IS THAT FOR ECONOMY?"

YE OLDE COPYE BOYE MR TWICE:

PERHAPS SOME OF YOU HAVE WONDERED ABOUT THE ORIGINATION OF THE TWO CODES USED IN COMMUNICATING BY WIRELESS.

CONSIDERABLE RESEARCH WAS DONE ON THIS AND HERE IS THE STORY FROM YOUR GOOD FRIEND LOUISE MOREAU, W3WRE/WB6BBQ.

BERT YOU CAN EDIT IT FROM THE LETTER TO ME AND THE ENCLOSED CODES ETC. THAT WAY YOU WILL KNOW WHAT YOU WANT TO INCLUDE.

73

JACK DUNN, W6WPF

DEAR JACK..

HERE IS THE STORY ON THE CODES AS FAR AS I KNOW IT. RATHER IT IS IN BRIEF BECAUSE I COULD HAVE GONE INTO A BIT MORE DETAIL WITH ADDITIONAL FORMS. THESE ARE THE MAIN ONES, AND I HAVE EACH SEPARATELY, AS WELL AS THE BIBLIOGRAPHY FOR POSSIBLE REFERENCE. MORSE FIRST. THE NUMERICAL CODE, I THROUGH 10 WAS MERELY THE ONE THAT HE DREAMED UP ABOARD THE SHIP "SULLY" IN 1832 TO ILLUSTRATE HIS IDEA THAT INTELLIGENCE COULD BE TRANSMITTED OVER A WIRE. THE USE OF VARIOUS COMBINATIONS OF NUMBERS TO INDICATE WORDS WAS THE ORIGINAL MORSE IDEA. THIS WAS PURELY TO BE ABLE TO MAINTAIN SECRECY OF MESSAGE CONTENT. THUS, 215 MIGHT EASILY STAND FOR A GROUP OF WORDS, OR JUST ONE WORD. HE EVEN HAD A DICTIONARY MADE UP THAT WAS THE SIZE OF THE MANHATTAN TELEPHONE DIRECTORY. (I BELIEVE IT IS IN THE NATIONAL ARCHIVES). BUT BY 1837 HE DISCOVERED THAT IT WAS JUST AS EASY TO SEND THE SIMPLE ALPHABET ON HIS PORT-RULE TYPE "CORRESPONDENT." AS YOU WILL

SEE HE DID NOT HAVE ANY NUMERALS AT ALL ON 1837, SIMPLY THE ALPHABET. IN 1838 THE FAMILIAR MORSE ALPHABET APPEARS BUT IT IS INTERESTING TO NOTE THAT LIKE IN THE EUROPEAN SYSTEMS, HE USES A SUBSTITUTION SYSTEM WITH G AND J BEING THE SAME CHARACTER, ALSO I AND Y, WHILE Z DOES NOT EVEN APPEAR. HE, NO DOUBT, WOULD HAVE SUBSTITUTED THE LETTER S FOR Z, AS THE EUROPEANS DID. ONE THINK THAT INTERESTS ME IS THAT B AND V ARE JUST THE REVERSE OF THE FINAL FORM. (I WONDER WHY HE CHANGED THEM!)

BY 1840 YOU SEE WE HAVE THE FULL ALPHABET AND NUMERALS, BUT NO PUNCTUATION. ACCORDING TO THE VAIL DIARIES THE PUNCTUATION WAS ADDED SOMETIME AFTER 1844.

ON CONTINENTAL CODE, THIS WAS A SORT OF COMPROMISE DEAL. THE EUROPEANS LIKED MORSE'S SYSTEM, AND WANTED IT, BUT THEY WOULD HAVE NONE OF HIS CODE. THE SPACE LETTERS AND LONG DASHES UPSET THEM SO THEY DECIDED ON THEIR OWN.

THE CONTINENTAL CODE AS WE KNOW IT WAS BORN IN VIENNA, AT A CONFERENCE IN 1852. ACCORDING TO HISTORIANS, IT WAS THE COMBINATION OF SEVERAL DIFFERENT CODES, AND USUALLY STEINHEIL IS GIVEN FULL CREDIT FOR THE FINAL VERSION.CONT'D NEXT PAGE.....

STORY ON THE CODES ..CONTINUED

HOWEVER, IT IS NOTHING AT ALL LIKE THE STEINHEIL CODE USED ON HIS TELEGRAPH SYSTEM. USUALLY THIS IS ALL THAT WE ARE ABLE TO FIND IN THE REFERENCE BOOKS. HOWEVER, LAST WINTER, I RAN ACROSS A LITTLE KNOWN ENGLISH BOOK ON TELEGRAPHY BY EDWARD HIGHTON, PUBLISHED IN 1852. HIGHTON AND HIS BROTHER HAD DEVELOPED A VERY EXCELLENT NEEDLE TELEGRAPH SYSTEM AND HAD A SUCCESSFUL COMPANY GOING IN ENGLAND..HE IS THE ONLY HISTORIAN WHO LISTS, WHAT HE CALLS, "THE PRUSSIAN CODE" WITH THE COMMENT: "A MODIFICATION OF THE MORSE SYSTEM AND CODE WERE USED IN PRUSSIA IN 1851." THE CODE SPEAKS FOR ITSELF, OBVIOUSLY IT WAS THE BASIS FOR THE CONTINENTAL THAT EVOLVED A YEAR LATER (PROBABLY WHILE HIGHTON WAS WRITING HIS BOOK SINCE HE DOES NOT MENTION CONTINENTAL). ROBERT SABINE ALSO SHOWS THIS CODE BUT GIVES IT NO IDENTIFICATION EXCEPT AS A UNIQUE FORM OF TRANSMISSING KNOWN AS THE "MORSE TRANSMITTING PLATE". AND HERE SABINE IS PARTLY IN ERROR BECAUSE THE MORSE FLAT CORRESPONDENT USED THE CODE OF 1840 ON THE FACE, (BUT THAT IS ANOTHER STORY.)

I HAVE INCLUDED A COPY OF THE BAIN, (OR RATHER THE DAVY SINCE BAIN'S CODE IS MERELY A MODIFICATION OF THE DAVY CODE OF 1838) CODE THAT MAY ALSO HAVE INFLUENCED THE CONGRESS IN VIENNA IN 1852/ BAIN PATENTED HIS CODE IN 1846. NOTE THE NUMERALS.

BY THE WAY MORSE ALWAYS REFERRED TO HIS CHARACTERS AS "DOTS, DOTS AND SPACES, AND LINES" NOT DASHES. AS LATE AS THE 1860'S PRESCOTTE, SABINE AND SHAFFNER STILL REFERRED TO THE "DASHES AND LINES".

NOW WHODUNIT? CONTINENTAL? WHO KNOWS? THE HISTORIANS GIVE STEINHEIL MOST OF THE CREDIT, AND WHO ARE WE TO SAY HE DID NOT MAKE THE FINAL COMPILATION? BUT THE PRUSSIAN CODE OF 1851 (POSSIBLY EARLIER) AND THE BAIN NUMERALS (1846) LOOK MOST LIKE THE CODE WE KNOW.

MORSE? OLD SAM HIMSELF IS ENTIRELY RESPONSIBLE. VAIL NEVER CLAIMED THE ALPHABET. IN HIS WORK, PUBLISHED IN 1845, HE REFERS TO MORSE AS HAVING "INVENTED THE SIMPLE ALPHABET."

BUT I FEEL ONE THING SHOULD BE NOTED. MORSE IS THE FATHER OF THE CODE AND THE SYSTEM, BUT VAIL ALONE IS THE FATHER OF THE TELEGRAPH KEY. IT WAS HE WHO DEVISED THE SIMPLE STRAP-TYPE KEY IN 1844, FOLLOWING IT IN NOVEMBER OF THAT YEAR WITH THE LEVER TYPE THAT HAS BEEN

THE BASIS FOR ALL OF THEM EVER SINCE.

SO VAIL AND MORSE, THE TWIN DEITIES OF THE SYSTEM THAT BEGAN IT ALL IMPLEMENTED BY A FEW BRIGHT GERMANS AND AUSTRIANS, WITH THE FAINT SCOTCH BROGUE OF ALEXANDER BAIN (GIVE DAVY A SLIGHT BOW AS WELL) ARE THE GUILTY CULPRITS TO WHOM WE OWE OUR FUN ON THE AIR TODAY.

73/88

LIL.

MORSE - 1832 CODE OF NUMBERS

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MORSE - 1837 (FIRST FORM OF THE ALPHABETICAL CODE)

A	...	N	---
B	...	O	..
C	...	P	
D	...	Q	..---
E	.	R	..
F	...	S	..---
G	...	T	---
H	...	U	..---
I	---	V	---
J (SAME AS G)	---	W	..---
K	---	X	---
L	---	Y (SAME AS I)	---
M	---	Z (NOT GIVEN)	---

NO NUMERALS OR PUNCTUATION GIVEN. THIS CODE IS FROM THE CAVEAT FILED BY MORSE IN 1837 WITH THE U.S. PATENT OFFICE.

..... MORE CODES CONTINUED NEXT PAGE.....

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STORY ON THE CODES...CONTINUED...

MORSE-- 1838 REVISION OF THE CODE

A	· —	N	— ·
B	··· —	O	···
C	·· —	P	····
D	— ··	Q	·· —
E	·	R	· ··
F	· — ·	S	···
G	— — ·	T	—
H	···	U	·· —
I	··	V	— ···
J	(SAME AS G)	W	· — —
K	— ·	X	· — ··
L	— —	Y	(SAME AS I)
M	— —	Z	(NOT GIVEN)

NO NUMERALS OR PUNCTUATION

MORSE --1840 FINAL VERSION

A	· —	&	· ···
B	···	1	· — — ·
C	·· ·	2	·· — ··
D	— ··	3	··· — ·
E	·	4	···· —
F	· — ·	5	— — —
G	— — ·	6	·····
H	···	7	— — — ··
I	··	8	— ····
J	— · —	9	— ·· —
K	— ·	0	— — — —
L	— —		
M	— —		
N	— ·		
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X	· — ··		
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NO PUNCTUATION GIVEN THIS IS THE FIRST TIME THE NUMERALS APPEAR

PRUSSIAN TELEGRAPH CODE - 1851

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C	— · —	3	··· — ·
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F	·· —	6	·····
G	— — ·	7	— — — ··
H	···	8	— ····
I	··	9	— ·· —
J	(OMITTED)	0	— — — —
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L	· — ··		
M	— —		
N	— ·		
O	·· — ··		
P	····		
Q	— — ·		
R	· — ·		
S	···		
T	—		
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V	·· —		
W	· — —		
X	· — ··		
Y	— — ··		
Z	· — — ·		

PUNCTUATION

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AE	· — —
OE	· — ····
UE	·· — —
CH	— ··

BAIN CODE - 1846

A	· —	W	— — ··
B	· — ·	X	(OMITTED)
C	··	Y	— —
D	· —	Z	— — —
E	·		
F	· — — —	1	· — — — —
G	· — ··	2	·· — — —
H	· — —	3	··· — —
I	··	4	···· —
J	·· —	5	·····
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PUNCTUATION

&	— — — —
PERIOD	·· — — ··
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YOCB-11:

I WISH TO THANK YOU VERY MUCH FOR YOUR INTERESTING LETTER OF AUG. 30ST.; ALSO ENCLOSURES, WHICH ARE SURELY APPRECIATED VERY MUCH.

WHERE DID THIS SUMMER GO TO? THEY SAY THE OLDER ONE GETS THE FASTER TIME FLIES. IT IS STILL VERY DRY UP HERE AND WE ARE HOPING THAT ONE OF THOSE HURRICANES WILL BRING SOME MUCH NEEDED MOISTURE.

ON PAGE 4 IN AUGUST SGT I NOTICE THAT OUR NAMESAKE BERT WICK 9AEJ, WANTS TO KNOW IF ANYONE RECEIVED A NAVAL INVITATION TO JOIN UP JUST PRIOR TO WW1. AM ENCLOSING A COPY OF ONE I RECEIVED.

PLEASE ALLOW ME BERT, TO OFFER MY SINCERE CONGRATULATIONS ON THE MARVELOUS JOB YOU HAVE DONE ON DRESSING UP "SPARK GAP TIMES". I LIKE THE STIFF COVER AND THE TWO COLORS ON VARIED COLORED STOCK EACH ISSUE. THE HALFTONE WORK EXECUTED BY OUR "OLE COLLEGE CHUM" (FROM THE SCHOOL OF HARD KNOCKS & BUMPS) ROB ROY, IS REALLY OUT OF THIS WORLD. I WISH YOU BOYS COULD HEAR SOME OF THE FAVORABLE COMMENTS UP HERE IN THE NORTHEAST.

WELL TAKE CARE OF YOURSELF BERT, MY FRIEND, AND THANKS AGAIN FOR EVERYTHING.

AS EVER, BERT INGALLS, WINQ

HON. FOUNDER OF OOTC

BOSTON NAVY YARD

OFFICE OF THE DISTRICT COMMUNICATION SUPT.
MR. HUBERT E. INGALLS FEBRUARY 17, 1917
176 HICHBORN STREET
REVERE, MASS.

DEAR SIR:

I HAVE BEEN DIRECTED BY THE NAVY DEPARTMENT TO COMMUNICATE WITH YOU AND ASCERTAIN IF YOU WOULD BE WILLING IN CASE OF WAR TO ENLIST AS A RADIO OPERATOR IN THE UNITED STATES NAVY.

KNOWING YOU TO BE SPECIALLY QUALIFIED IN RADIO HAVING SATISFACTORILY PASSED EXAMINATION FOR "COMMERCIAL EXTRA FIRST GRADE RADIO OPERATOR", IT IS REQUESTED THAT YOU CONSIDER ENLISTING IN THE NAVY IN CASE OF WAR AND CONSIDERATION OF ENROLLING AS A RADIO OPERATOR IN CLASS 4, OF THE RECENT U. S. NAVAL RESERVE ACT IN ACCORDANCE WITH ENCLOSURE.

I WILL BE PLEASED TO HAVE YOU CALL UPON ME AT YOUR CONVENIENCE BETWEEN THE HOURS OF 9:00 A.M. AND 4:00 P.M., AT MY OFFICE IN BUILDING #24, NAVY YARD, BOSTON, IN ORDER THAT I MAY EXPLAIN TO YOU THE BENEFITS OF THE NAVAL RESERVE AS REGARDS RADIO OPERATORS.

THE FAVOR OF AN IMMEDIATE REPLY IS

REQUESTED.

VERY TRULY YOURS,

/s/ E. G. BLAKESLEE

LIEUTENANT, U. S. NAVY.

DISTRICT COMMUNICATION SUPERINTENDENT.

AWA, HOLCOMB, NEW YORK

OLD OLD TIMERS AT A.R.R.L. CONVENTION

THE RECENT CONVENTION AT NEW YORK FOUND MANY OLD TIMERS ENJOYING 3 DAYS OF PROGRAMMING AND AN OPPORTUNITY TO MAKE NEW ACQUAINTANCES AND MEET OLD FRIENDS.

MANY FOR THE FIRST TIME MET BERT OSBORNE WHO WAS ACCOMPANIED BY HIS LOVELY DAUGHTER. CONSPICUOUSLY MISSING WAS OUR OLD FRIEND EARL WILLIAMS WHO COULD NOT ATTEND FOR PERSONAL REASONS; HOWEVER, MERRILL BEAM, K2BX, HELD THE FORT FOR THE OOTC BY WELCOMING THE GANG AT THE AWA EXHIBIT BOOTH WHERE HE SIGNED UP SEVERAL NEW MEMBERS.

SPEAKING OF THE AWA BOOTH, ALL REPORTS INDICATED IT WAS ONE OF THE MOST POPULAR. MANNED BY W2GB, W2QY, W2ICE AND ASSISTED BY K2BX, THE BOYS PUT ON QUITE AN EXHIBIT OF OLD WIRELESS GEAR BELONGING TO MEMBERS. MOST INTEREST CENTERED AROUND THE ROTARY SPARK SET, THE 1922 TUBE TRANSMITTER AND THE MARCONI COHERER RECEIVER. NOTABLES WHO SHOWED UP AT THE EXHIBIT INCLUDED HERB HOOVER (W6ZH), CLARENCE TUSKA, BILL HALLIGAN (W9AC), DON WALLACE (W6AM), RALPH THOMAS (KH6UK), AND MANY OTHERS FROM ALL OVER THE COUNTRY.

THE AFTERNOON PROGRAM WAS HANDLED BY W4MF WHO RECOGNIZED VARIOUS OT'S BY THEIR YEARS IN SERVICE AND EARLY AFFILIATIONS. ENTERTAINMENT WAS PROVIDED BY W2ICE WHO PRESENTED A NEW VERSION OF THE AWA'S POPULAR "120 YEARS OF BRASSPOUNDING". THE AUDIENCE HAD AN OPPORTUNITY TO SEE AND HEAR MANY OLD TIME OPERATORS INCLUDING 1ZE AS HE SENT THE PREAMBLE TO OLE WCC. THE WHINE OF SINK AND NON-SINK GAPS, THE FALTERING FORD SPARK COIL AND THE MUSICAL PITCH OF A 500 CYCLE QUENCH JOB ALL ENLIVEN THE SHOW; HOWEVER, THE CLIMAX WAS WHEN W6GH'S OLD TIME MOVIE SLIDES CONCERNING THE ADVENTURES OF A 1910 UNITED WIRELESS OPERATOR WERE FLASHED ON THE SCREEN ACCOMPANIED BY HONKY-TONK PIANO MUSIC. AUDIO TURNED UP FULL--ONLY STANDING ROOM REMAINED IN THE HALL WHEN THE HERO SENT "CQD"--AND THEY CAME RUNNING DOWN THE OUTSIDE CORRIDORS TO FIND OUT WHAT HAPPENED!

--BRUCE KELLEY, W2ICE

Spark-Gap Times

SPARK-GAP TIMES IS PUBLISHED BI-MONTHLY BY THE OLD OLD TIMERS CLUB. THE SUBSCRIPTION PRICE TO MEMBERS IS \$2.50 PER YEAR. A LIMITED NUMBER IS AVAILABLE TO NON-MEMBERS AT \$.50 PER COPY - \$3.00 PER YEAR.

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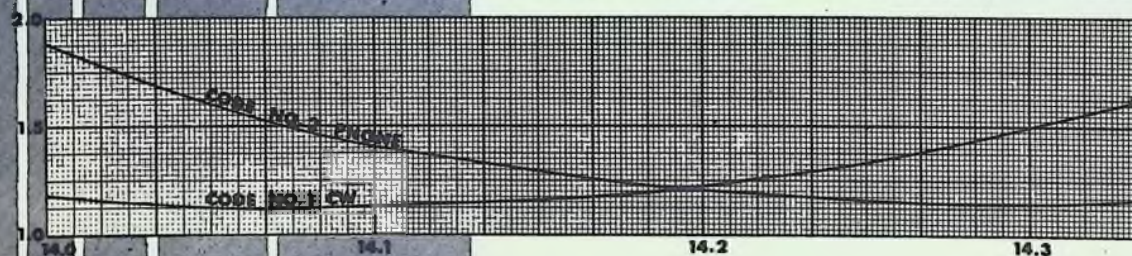
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