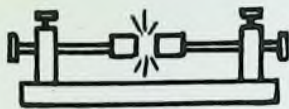
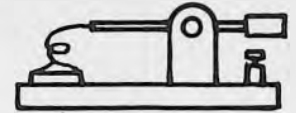


Spark-Gap Times



Published By
The Old Old Timers Club



NUMBER 29 VOL.5

CHATTANOOGA, TENN.

OCTOBER 1965

PRICE 50 CENTS



WHO IS THIS ATTRACTIVE XYL?
See Page 2, Editors Opinion

**hallicrafters
has harnessed
500 watts of
brute power
for only \$395.**

NEW SR-500
Tornado
tri-band transceiver!



Own your own private tornado—500 watts worth of sheer power for the big, effortless signal you've always wanted in a transceiver. And that's just the beginning! You get:

Exclusive Hallicrafters AALC (Amplified Automatic Level Control) providing up to 12 db. of effective compression • RIT (Receiver Incremental Tuning) with ± 3 kc. for superior net and CW operation • A superbly designed crystal lattice filter which makes the most of the desirable SSB transmission characteristics • A built-in changeover relay permits direct operation with the HT-45 or other linear amplifier • Sensitivity is less than 1 μ v for 20 db. S+N/N ratio • Receiver employs a separate AVC amplifier providing a figure of merit of 100 db. • Price: \$395.00 less power supplies and mobile mounting kit.

Get the full story from your distributor or write for complete specifications today.

"Quality through Craftsmanship"



hallicrafters

5th & Kostner Aves., Chicago, Ill. 60624
Export: International Div., Hallicrafters
Canada: Gould Sales Co., Montreal, P.Q.

Spark-Gap Times

OCTOBER 1965

PAGE 1

TABLE OF CONTENTS

	PAGE
EDITOR'S OPINION	2
LETTERS	3-7
PICTURES . . . KP4TL AND DICK HUNT, WØMG	7
PICTURES—THEN AND NOW, ARTHUR LYNCH, W4DKJ	8
ARTICLES	
W2USA THE AMATEUR RADIO STATION AT THE NEW YORK WORLD'S FAIR 1939—BY ARTHUR LYNCH (W2DJK)	9-11
PICTURE—YOUNG LADY OPERATING PHONE W2USA	12
PICTURE—LENORE K. CONN ON 40M TRAFFIC SYSTEM	13
PICTURE—CHIEF SEID, U. S. COAST GUARD OPERATING W2USA	15
PICTURE—BERT UTHE, W2JZO OPERATING W2USA WITH YL	21
PICTURE—OSCAR OEHRMAN, CHIEF ENGINEER, W2USA	28
"NOW IT CAN BE TOLD"—BY H. W. (HOT-WIRE) CASTNER, EX1BI, 1UQ, W111E	14-15
AN OOT'ER LEAVES THE NAVAL SECURITY STATION ... HAROLD WILCOX, W4OP	16
PICTURES—SANTA LOUISA & SANTA ISABEL	17
PICTURE—DAVE BUDREAU, K1BJP	18
LETTER TO W1MPP BY "DAVE"	19
THE OOTC - "ITS FUTURE, IF ANY"—BY KEN THOMPSON, W1PS	20-21
SOME OOT'ERS AND MAYOR SCHIRO DECLARE "A RADIO WEEK" IN NEW ORLEANS	22
"FROM THE SOO TO THE PANAMA CANAL BY CAR"—BY HAROLD BURHOP, W8ZL	23-25
PICTURE—OOT'ERS AT THE A.W.A. MUSEUM	26
SGT PUBLISHER (ROB-ROY, W8HR) VISITS A.W.A. MUSEUM "QSO'S LEAD TO—MORE QSO'S"—BY W2BGN	26-28
PICTURE—ROB-ROY, W8HR & BRUCE KELLEY AT A.W.A. MUSEUM	27

EDITORS OPINION

OUR COVER PICTURE ON THIS ISSUE IS THAT OF OUR CAPABLE, INTELLIGENT, BUSY, AND CONSCIENTIOUS SECRETARY-TREASURER, EUNICE RANDALL THOMPSON, W1MPP, ABOUT THE YEAR 1920 OR 1921 WHEN SHE WAS THE OW OF 1 XE, TUFTS COLLEGE STATION. IN THE PICTURE, EUNICE SAYS SHE WAS TELLING A BED-TIME STORY TO THE KID-DIES. DURING WW1 SHE WORKED IN THE DRAFTING DEPARTMENT OF AMRAD (OR SHE WAS THE DRAFTING DEPARTMENT). DURING THE EARLY 20'S SHE BECAME FAMOUS AMONG THE AMATEURS AS 1CDP. AFTER AMRAD FOLDED, SHE DID A STINT AT WARD-LEONARD AND WAS A SUCCESSFUL RADIO BROADCASTER OVER WGI THE SUCCESSOR TO 1XE. IN 1929 WHEN WARD-LEONARD CLOSED SHE WENT WITH THE NEW ENGLAND POWER CO. WHERE SHE WAS EMPLOYED AS SUPERVISOR OF THE SYSTEM MAPS DEPARTMENT. SHE RETIRED FROM THE POWER CO. IN 1961. EUNICE HAS HAD AN ILLUSTRIOUS AND ADVENTUROUS CAREER. THIS IS ONLY A BRIEF RESUME OF IT, THE MORE DETAILED AND INTERESTING STORY HAVING APPEARED IN THE FEBRUARY 1964 ISSUE OF SGT, WRITTEN BY HER HUSBAND, KEN.

SINCE HER ACCEPTANCE OF THE SECRETARY-TREASURER'S JOB IN THE FALL OF 1964 (AFTER EARL WILLIAMS WENT S.K.), EUNICE HAS DONE A TREMENDOUS JOB. THE CLUB HAS GROWN BY LEAPS AND BOUNDS SINCE HER TAKING OVER THE DUTIES OF SECRETARY. WHAT HAPPENED TO EUNICE, SHOULDN'T HAPPEN TO A DOG. SHE TRIED TO CARRY-ON WITHOUT THE TOOLS TO DO IT WITH. WE WERE WEEKS AND MONTHS GETTING THE BANK ACCOUNT, MEMBERSHIP APPLICATION BLANKS, BLUE-BOOK COVERS, AND ALL THE OTHER PARAPHERNALIA TRANSFERRED FROM NEPTUNE, N.J. (EARL WILLIAM'S QTH) TO LOVELL, MAINE. IN THE MEANTIME WE HAD PRINTING DONE THAT NEEDN'T HAVE BEEN DONE, ETC., ETC., ETC. IT WAS A MOST FRUSTRATING SITUATION. THE FINAL BIG SHIPMENT WAS MADE BY ED EDWARDS, W2ABL. WE ARE EVERLASTINGLY GRATEFUL TO HIM FOR HIS SERVICES IN THIS MATTER. EUNICE HAS FINALLY GOTTEN THINGS UNDER CONTROL BUT IT TOOK MANY MONTHS TO ACCOMPLISH IT AND WE OWE HER A GREAT DEBT OF GRATITUDE. SHE PUTS IN 30 OR 40 HOURS A WEEK ON OOTC BUSINESS. IF YOU APPRECIATE THIS DROP HER A NOTE SAYING SO.

EUNICE WAS ONE OF THE FIRST WOMEN TO HOLD AN AMATEUR LICENSE, AND SHE AND HER HUSBAND KEN HOLD THE DISTINCTION OF BEING THE ONLY MARRIED COUPLE WHO ARE BOTH

LICENSED, IN THE OOTC.

OUR SECRETARY ASKS THAT MEMBERS SHOULD GET THEIR CHANGE OF ADDRESS NOTICES IN PROMPTLY TO HER. BECAUSE IF YOU DON'T WE GET THE SGT BACK AND HAVE TO PAY THE POSTAGE ON IT BOTH WAYS. FURTHERMORE YOU MISS ONE OR TWO COPIES OF THE PUBLICATION. WON'T YOU PLEASE TRY TO DO THIS FOR OUR SECRETARY?

OUR SECRETARY-TREASURER ALSO ASKS THAT ALL CHECKS BE MADE PAYABLE TO THE OLD OLD TIMERS CLUB, WHETHER THEY ARE FOR "SPARK-GAP TIMES", THE "BLUEBOOK" OR "WHATEVER" PLEASE MAKE THEM OUT TO THE CLUB AND NOT TO ANY OFFICER OR INDIVIDUAL.

YOCB-11 APPOINTED A COMMITTEE TO NOMINATE OFFICERS FOR THE COMING TWO YEAR ADMINISTRATION. THIS COMMITTEE CAME UP WITH A UNANIMOUS NOMINATION OF THE INCUMBENT OFFICERS TO SUCCEED THEMSELVES. THIS BROUGHT ON SOME QUESTIONS ABOUT THE LEGALITY OF SUCH AN ACTION AND WHETHER AN ELECTION WOULD BE NECESSARY. YOUR PRESIDENT DECIDED TO PUT IT UP TO THE DIRECTORS AND IT WAS THEIR DECISION 4 TO 1, THAT NO ELECTION WAS NECESSARY. THE BY-LAWS STATE THAT ANYONE DESIRING TO HOLD OFFICE IN THE OOTC SHALL MAKE IT KNOWN TO THE SECRETARY AT LEAST SIX MONTHS PRIOR TO THE EXPIRATION DATE OF THE THEN INCUMBENT ADMINISTRATION (ARTICLE V OF THE AMENDMENTS). NO ONE HAVING MADE SUCH A DESIRE KNOWN THE ACTION OF THE NOMINATING COMMITTEE SEEMS TO BE LEGAL. AN ELECTION COSTS PROBABLY \$80.00, SO THERE IS SOME ADVANTAGE IN NOT HAVING ONE.

AT ANY RATE WE OFFICERS OF THE OOTC ARE PROUD TO SERVE THE MEMBERSHIP FOR ANOTHER TERM BUT WE HAVE NO DESIRE TO HOLD THE OFFICES IF THE MEMBERSHIP WISHES OTHERWISE. IT'S NO PICNIC WE ASSURE YOU.

RALPH BARBER, W2ZM IS NOW SITUATED IN A REST HOME CALLED THE HOLLEY PATTERSON, 875 JERUSELEM AVE., LONG ISLAND, N. Y. DROP HIM A LINE. /UNIONDALE, L. I.

PLEASE NOTICE!

PLEASE CHECK THE ADDRESS ON YOUR ENVELOPE TO SEE IF THE ZIP CODE NUMBER IS SHOWN, AND IF SHOWN CORRECTLY. IF NOT WILL YOU ADVISE OUR SECRETARY, EUNICE R. THOMPSON, W1MPP, CHRISTIAN HILL RD., LOVELL, MAINE 04051 OF THE CORRECT NUMBER.

73'S AND OUR BEST TO YOU,

W4MF

LETTERS

YOCB-11:

SORRY SO LATE ANSWERING YOUR KIND NOTE, BUT THINGS HAVE BEEN BAD OF LATE—2 MORE SHARP ATTACKS, ALSO MAY BE IN NURSING HOME SOON I UNDERSTAND.

RE SKED 20 CW - TOLD CHARLIE (W2AZS) BUT HE'S BEEN BUSY WITH ME. RE "SGT" SEE ABOVE ZIP # RE EUNICE. TELL HER ALSO SEND CHARLIE W2AZS AN OOTC LIFE APPLN. HE'S VERY MUCH ELIGIBLE. SEND MY SGT HERE UNTIL I KNOW WHERE I'LL BE AND WHEN.

73 TO ALL FROM THE "OM"

RALPH G. BARBER, W2ZM

7 So. 6th St.

LOCUST VALLEY, N. Y. 11560

P.S. AM GIVING UP W1ZM - ANYONE IN 1 LAND WANT IT? WILL TRY TO KEEP W2ZM - AS I HAVE HAD EX CLASS LICENSE SINCE 52 WHEN THEY CAMEOUT, SO HAVE NOTHING TO WORRY ABOUT RE FCC DOCKET.

JUNE 21, 1965

YOCB-11:

WE ARE FORWARDING HERewith SOME PRINTS THAT ARTHUR LYNCH SENT ME TO LOOK OVER WHEN I WAS ATTACHED TO ROOSEVELT FIELD. I BELIEVE THEY ARE CONNECTED WITH SOME ARTICLE HE HAS WRITTEN FOR THE TIMES.

WE ARE HAVING A REUNION OF PILOTS AND EMPLOYEES OF ROOSEVELT FIELD BACK IN THE MIDDLE 1920's, AT THE GARDEN CITY HOTEL, GARDEN CITY, LONG ISLAND. DOOLITTLE, RICKENBACHER AND OTHERS WILL BE THERE, SO AS WE ARE VP. OF THE ASSN. WE HAVE TO GO ALONG. EDITOR OF DOUBLE-DAY THE PUBLISHER IS A MEMBER AND I WANT TO TALK WITH HIM AND AN OLD FRIEND WHO WAS WITH ME AT ROOSEVELT AND IS NOW A BIG PRODUCER IN HOLLYWOOD. I TOLD ARTHUR LYNCH ABOUT THE REUNION AWAY BACK AND SENT HIM INVITATION AND HE WILL BE THERE WITH HIS XYL. SHORTLY AFTER THIS REUNION WE HAVE ANOTHER WE SHOULD ATTEND, IT IS "FBI" AND BORDER PATROL, RETIRED INVESTIGATORS. IT IS BEING HELD IN WASHN. SO WE WILL NOT MAKE IT. TOO MUCH FOR US TO DRIVE IN SUMMER.

AUGUST 22ND, THE NAVAL RADIO BAR HARBOR, "NBD" GANG HAVE REUNION WHICH WE WILL OF COURSE BE ABLE TO ATTEND.

EMILY HAS ANOTHER STORY COMING UP IN DOWNEAST WILL LET YOU KNOW LATER.

WILL KEEP YOU POSTED AND BEST OF LUCK AND HEALTH AND HOPE YOU GET "ART'S" PRINTS OKAY. BEST FROM EMILY AND ME,

SINCERELY, 73's

EMILY & CHARLEY ELLSWORTH
HANCOCK, MAINE

JUNE 30, 1965

YOCB-11:

GLAD TO HEAR FROM YOU. THOUGHT OF WRITING YOU SEVERAL TIMES BUT REALIZED YOU WERE BURDENED WITH OFFICIAL CORRESPONDENCE AND WOULD NOT WANT TO BE BOTHERED BY SOCIAL LETTERS.

I WILL BE VERY GLAD TO SERVE ON BOB FENIMORE'S COMMITTEE.

YES, EUNICE IS DOING A WONDERFUL JOB AS SECRETARY. SHE IS A DEDICATED GAL AND I DON'T SEE HOW SHE FINDS TIME TO PARTICIPATE IN ALL THE THINGS SHE DOES.

MARGARET WENT TO BALTIMORE TO BRING UP THE TWO OLDEST GRANDDAUGHTERS BUT WHILE THERE MY YOUNGEST DAUGHTER IN SYRACUSE WAS TAKEN ILL SO SHE HAD TO TAKE OFF FOR THAT HOME AND TWO CHILDREN.

IT'S A TOSS UP WHETHER MY TWO OLDEST GRANDDAUGHTERS 14 & 10 WILL BE TAKING CARE OF ME, OR OF ME TAKING CARE OF THEM. THEY ARRIVE TONIGHT.

LOVELY, COOL WEATHER, CALM SEAS. LOBSTERS WILL BE PLENTIFUL IN ANOTHER COUPLE OF WEEKS.

HAVE A GOOD SUMMER, BERT.

73,

GEORGE E. STERLING, W1AE
PEAKS ISLAND
PORTLAND, MAINE

JULY 12, 1965

YOCB-11:

I JUST RECEIVED THE CURRENT ISSUE OF SPARK GAP TIMES (I'VE PAID MY SUBSCRIPTION). WE OF THE 6TH DISTRICT RATE A LITTLE MORE PUBLICITY "I THINK." WHAT I HAVE IN MIND IS SOME PHOTOS I HAVE TAKEN OF MY OLD SPARK RIG THAT DID SUCH YEOMAN DUTY AT 937 WEST 81ST ST. LOS ANGELES, CALIF. IN 1921-22. THE PHOTOS WERE TAKEN THIS YEAR BECAUSE I KEPT MY OLD RIG INTACT OVER ALL OF THESE YEARS. IT IS UNIQUE BECAUSE IT DOES NOT RESEMBLE ANY SPARK SET EVER BUILT. FOR INSTANCE THE TRANSFORMER OUT OF ITS CASE WEIGHS 95 POUNDS.

Spark-Gap Times

PAGE 4

OCTOBER 1965

LETTERS CONT'D

THE CONDENSERS, OF WHICH THERE ARE TWO, CONNECTED IN PARALLEL FOR .01 MFD CAPACITY. NO SOLID DIELECTRIC WAS USED, ONLY HIGH GRADE TRANSFORMER OIL. THE THREE TANKS INCLUDING THE TRANSFORMER TANK HELD 35 GALLONS OF OIL.

THE LAST TIME THE RIG WAS ASSEMBLED AND OPERATED ON FULL POWER WAS SEVERAL YEARS AGO DURING A DEMONSTRATION FOR THE LOCAL RADIO CLUB THAT WAS HOST TO THE ONLY RADIO CONVENTION EVER HELD IN SANTA BARBARA. I SET IT UP ON THE STAGE OF THE RECREATION CENTER AND FED IT THROUGH HEAVY WIRING BROUGHT UP THROUGH A SMALL TRAP DOOR IN THE STAGE WHICH WAS DIRECTLY OVER THE INCOMING 3 WIRE LINE. AS I AM, OR WAS, AN EMPLOYEE OF THE SOUTHERN CALIF. EDISON COMPANY, I HAD NO TROUBLE CONNECTING THE RIG DIRECT TO THE INCOMING LINE. THERE WERE SOME STARTLED LOOKS ON THE SPECTATORS' FACES WHEN I SENT A SHORT MESSAGE OF WELCOME TO THE GUESTS. LIGHTS WERE TURNED OUT AND THE BLINDING FLASH OF THE SPARK AND THE TERRIFIC NOISE WAS ALMOST TOO MUCH FOR THE LADIES.

THIS SPARK SET WAS THE FIRST HAM SPARK HEARD IN THE HAWAIIAN ISLANDS ACCORDING TO CLIFFORD DOW, 6ZAC. IT WAS ALSO HEARD IN WHITE PLAINS N.Y. BY 2LH. THAT WAS THE LONGEST DISTANCES. THERE WERE OTHERS, BELIEVE ME. I HAVE PHOTOS I WOULD LIKE TO SEE PUBLISHED IN SPARK-GAP TIMES. I HAVE BEEN UNABLE TO GET QST TO PUBLISH THEM. I SUPPOSE THEY THINK THE SPARK BELONGS TO THE EARLY CAVE AGE. I WOULD LIKE TO SEE ANY OF THE PRESENT GENERATION BUILD A REALLY WORKABLE SPARK SET. MINE PUT MORE RF IN THE NEIGHBOR'S CLOTHES LINES AND ELECTRIC SERVICE WIRES WHEN I WAS SENDING. UNFORTUNATELY I DO NOT HAVE ANY PHOTOS OF MY ANTENNA SYSTEM AS MY NEGATIVES HAVE BEEN LOST, BUT I DO HAVE A GOOD SET OF PRINTS OF RAISING TWO 80 FOOT POLES WHICH I DESIGNED AND BUILT AND RAISED FOR 6MH IN 1921. I HAVE THREE OUTSTANDING PRINTS OF THE RAISING OF THOSE POLES AND I WOULD LIKE TO SEE THEM IN THE SGT ALSO. THE PRINTS ARE CLEAR AND OF 5 X 7 SIZE. FIVE IN ALL.

I WOULD APPRECIATE IT VERY MUCH IF YOU WOULD LET ME KNOW IF THESE WOULD BE ACCEPTABLE FOR PUBLICATION. THERE ARE MANY OLD TIMERS ON THIS WEST COAST WHO REMEMBER THE LOUD SIGNAL I PUT INTO THEIR RECEIVERS. ONLY A FEW EVER SAW THE RIG AS I DIDN'T WANT TO ADVERTISE IT TOO MUCH ON ACCOUNT OF BEING "SLIGHTLY" OVER POWERED. AS ONE OLD

TIMER TO ANOTHER MANY 73'S O.M. 30

LEON A BARTHOLOMEW, W6LC
2215 CARLTON WAY
SANTA BARBARA, CALIF 93105

JULY 11, 1965

YOCB-11:

JUST RECEIVED THE JUNE ISSUE OF THE TIMES AND COULDN'T RESIST DROPPING YOU A LINE AFTER READING THE "EDITOR'S OPINION".

SPEAKING OF THE LENAPE - JUST RETURNED FROM THE NATIONAL ARRL CONVENTION AND SAW OUR OLD FRIEND JERRY GROSS W3GG/HB91A, SECRETARY GENERAL OF ITU WHO GOT HIS START AS AN AMATEUR AND LATER WENT TO SEE THE SEA ON THE OLD SS LENAPE. IF I REMEMBER THE OLD GANG ON THE CLYDE LINE, DAVE SARNOFF WAS ALSO AN OPERATOR ON KVL. WE MADE A TRIP OR TWO ON THE COMMANCHE KVC AND THE MOHAWK KVM AS DID W3DQ, PETE PODELL AND BENNY BECKERMAN. THE LATER TWO I HAVEN'T SEEN OR HEARD FROM FOR YEARS BUT WILLARD WILSON AND I STILL EXCHANGE LETTERS. IN FACT HE WAS MY BOSS AT WDEL, WILMINGTON WHERE I SERVED AS CHIEF ENGINEER BEFORE MY TRIP TO THE NORTH POLE.

AS BILL GAVE ME A LEAVE OF ABSENCE, I WENT BACK TO WILMINGTON 30 YEARS LATER TO GIVE A TALK FOR HIS SERVICE CLUB AND YOU KNOW, HE REFUSED TO GIVE ME MY JOB BACK - CLAIMED HE SOLD THE STATION FOR A FORTUNE AND WAS CONTENT SELLING HI-FI, TV AND HAM GEAR, HI.

DURING THE BANQUET JERRY WAS CALLED UPON TO SAY A FEW WORDS AND HIS SPEECH WAS A KNOCKOUT ON ITU, UN, ETC. HE DIGRESSED A FEW MINUTES TO SAY A FEW WORDS ABOUT SOME OF HIS OLD FRIENDS SEVERAL OF WHOM ARE FELLOW OOT'S - W6ZH, W6RH & W6SH, FRED TERMAN, CLARENCE TUSKA, AND JOHN HUNTOON AND THEN SAID THIS - "RAY MEYERS WHOM I FIRST MET WITH BILL FINCH ON THE SUBMARINE NAUTILUS IN NEW YORK HARBOR IN 1931 ON THE FIRST DEPARTURE OF THE WILKINS' EXPEDITION TO THE NORTH POLE.

"RAY IS INDESTRUCTABLE - HE HAS SURVIVED THE RIGORS OF THE ARCTIC, THE HEAT AND DANGERS OF THE AMAZON JUNGLE AND COMBINES GREAT TECHNICAL SKILL AS WELL AS A FLAIR FOR PUBLIC RELATIONS. IT WAS HE WHO FIRST GAVE IMPETUS TO THE AMATEUR STATION ON TOP OF THE BILTMORE HOTEL IN LOS ANGELES DURING OUR ITU CONFERENCE OF THE CCIR. THIS LED TO THE RECOGNITION OF THE RECIPROCAL PRIVILEGES BILL THROUGH THE U.S. CONGRESS. IT IS GRADUALLY FINDING ACCEPTANCE IN MANY COUNTRIES. THERE ARE OTHERS BUT TIME IS SHORT."

—CONTINUED ON THE NEXT PAGE

Spark-Gap Times

OCTOBER 1965

PAGE 5

LETTERS CONT'D

COMMENTING ON THE STORY ON JACK DUNN (P 20) IT MIGHT BE OF INTEREST TO KNOW WE RECEIVED GLOWING LETTERS FROM FCC, THE COAST GUARD AND ALSO THE NEW DIRECTOR-GENERAL OF COMMUNICATIONS AND TRANSPORTATION OF MEXICO IN CONNECTION WITH THE EMERGENCY ON THE KETCH "SEAWAY". ALL THREE LETTERS CERTAINLY PRAISE AMATEUR RADIO AND NO DOUBT WILL HELP BOOST THE "IMAGE".

73,
RAY E. MEYERS, W6MLZ
717 ANDERSON WAY, BOX R
SAN GABRIEL, CALIF. 91778

JULY 3, 1965

W1MPP:

THANK YOU FOR THE OOTC 50 YEAR CITATION. I THINK ONE OF THE BOYS SUGGESTED A GOLD PIN TO BE WORN BY THE 50 YEAR GANG.

I WOULD BE GLAD TO DONATE TO A FUND TO MAKE THIS POSSIBLE.

I LOOK FORWARD TO EACH ISSUE OF THE SPARK-GAP TIMES AND CONGRATULATIONS ON THE APRIL ISSUE--IT'S A BEAUTY.

KEEP UP THE GOOD WORK.

BEST 73's
LES BENSON, W4ZB/W4ZB
NO. 4 WILLIAMSBURG DRIVE
ST. LOUIS 41, MISSOURI

JULY 12, 1965

W1MPP:

RECEIVED SPARK-GAP TIMES FOR JUNE AND LIKED THE COVER AND CONTENTS VERY MUCH. NOTED NO ZIP CODE NUMBER, SO PLEASE ADD 13754 TO MY ADDRESS.

BELIEVE I AM PAID UP ON SGT, BUT AM NOT SURE, SO WILL ENCLOSE \$2.50. PUT IT WHERE IT WILL DO THE MOST GOOD IF I AM ALREADY PAID UP.

ON PAGE 8, I NOTED K2PI'S COMMENTS ON THE OOTC PIN, WHICH ENCOURAGES ME TO SPEAK UP. WHEN THE PINS WERE ISSUED, MANY COMPLIMENTARY REMARKS WERE SOUNDED ON THE NET, SO I KEPT QUIET, PARTLY BECAUSE IT SEEMED TOO LATE OR TOO EARLY TO MAKE SUGGESTIONS. PERHAPS NOW IS THE TIME. FIRST, I AGREE COMPLETELY WITH K2PI THAT IT SHOULD BE READILY NOTED BY THE OBSERVER THAT AN OLD-TIME WIRELESS ORGANIZATION IS REPRESENTED. SECOND, AND I FIND IT DIFFICULT TO PRESENT THIS VIEW WITHOUT THE POSSIBILITY OF OFFEND-

ING SOMEONE, BUT WITH SPACE ON A PIN, AT A PREMIUM, HOW COULD ANYONE WASTE IT SAYING "FOUNDED IN 1947"? THIS IS A FACT OF ABSOLUTELY NO IMPORTANCE TO THE OBSERVER, AND CAN BE CONFUSING, DUE TO AMBIGUOUS INTERPRETATION. THIRD, ADD THE MEMBERS CALL; I WEAR MY QCWA PIN TO HAMFESTS IN PREFERENCE TO OOTC BECAUSE OF MY ENGRAVED CALL, AND THE INSTANTANEOUS RECOGNITION OF AN OLD TIME WIRELESS CLUB MEMBER.

THE NEXT SUGGESTION IS FOR SGT. INCLUDE, NET FREQUENCIES AND TIMES IN ALL ISSUES ON THE INSIDE BACK COVER, AND WELCOME ALL MODES INCLUDING, SSB, AM, AND CW.

A SUGGESTION OF AT LEAST TWO-FOLD BENEFIT TO MANY OLD TIME AM OPERATORS. PUT YOUR BFO ON AND LEAVE IT ON FOR ALL-AM OR MIXED MODES.

FIND A SSB STATION NEAR THE NET (THAT WON'T BE HARD) AND TUNE HIM IN, PREFERABLY WITHOUT AVC. LEAVE THE BFO ON, DON'T TOUCH IT AND TUNE TO NET FREQUENCY. BENEFIT #1, YOU WON'T MISS SSB OR CW FRIENDS CALLING ON THOSE MODES. BENEFIT #2, WHEN YOU TUNE IN AN AM STATION BY THIS EXALTED CARRIER METHOD, DON'T TOUCH THE BFO KNOB, AND ZERO IN YOUR TRANSMITTER. PRESTO, YOU'RE ON FREQUENCY INSTEAD OF MISSING IT BY 2 OR 3 Kc. ON THE OTHER HAND, IF YOU TUNE A STATION IN WITHOUT YOUR BFO, THEN TURN BFO ON TO ZERO YOUR TRANSMITTER, YOU'LL BE LUCKY TO LAND WITHIN 3 Kc. BENEFIT #3, WE'LL EARN A LITTLE RESPECT ON THE NET BY BEING TOGETHER, AND ALSO GET LESS QRM. AS OLD TIMERS, WE SHOULD SET AN EXAMPLE OF SKILL AND COURTESY ABOVE OUR PRESENT PERFORMANCE. BENEFIT #4, WITH YOUR BFO BUILDING A WALL EACH SIDE OF YOUR RECEIVER FREQUENCY, INTERFERENCE IS USUALLY LESS.

WITH RETIREMENT ONLY TWO YEARS AWAY, I HOPE TO BE ABLE TO DROP IN FOR MANY A PERSONAL CHAT WITH NET FRIENDS. WILL TRY TO INCLUDE LOVELL, ME. THIS YEAR EN ROUTE TO CANADA.

BY THE WAY, EUNICE HOW ABOUT ADDING YOUR ZIP CODE IN THE SGT INSIDE REAR COVER?

73 TO YOU AND KEN,
OREL D. ORVIS, W2MAB
OQUAGE LAKE, RD 1
DEPOSIT, NY 13754

JULY 9, 1965

DEAR W1MPP:

PLEASE NOTE ZIP CODE 08534 AS REQUESTED IN THE JUNE SGT. I WOULDN'T WANT TO MISS MY COPY! ALSO, PLEASE FORWARD 100 LETTERHEADS AND FIND MY CHECK FOR \$2.00 ENCLOSED.

—CONTINUED ON THE NEXT PAGE

Spark-Gap Times

PAGE 6

OCTOBER 1965

LETTERS CONT'D

I PARTICULARLY ENJOYED THE ARTICLE BY PERCE B. COLLISON, K2DZ, WITH WHOM I HAD THE PLEASURE OF BEING STATIONED DURING WW2 AT THE USNR RADIO SCHOOL AT NOROTON HEIGHTS CONN. IT WAS INTERESTING TO SEE HIS PICTURE ALONG WITH HIS RIG.

I ALSO GET A KICK FROM READING THE DIARY BY W30Y. I WAS A LITTLE YOUNG FOR WIRELESS IN 1919, BUT IN A COUPLE OF YEARS I WAS BREAKING INTO THE GAME LISTENING TO SHIP TO SHORE TRAFFIC AND NAA PRESS. I GOT MY MAIL ORDER CALL 2BZJ IN 1921 AND QUALIFIED AS A SECOND GENERATION OLD TIMER.

ABOVE ARE JUST SOME OF THE REASONS I SAY KEEP UP THE GOOD WORK AND PLEASE KEEP SGT COMING.

73,
WALTER H. GROVE, W2BZJ
19 PARK AVENUE
PENNINGTON, N. J. 08534

JULY 12, 1965

DEAR W1MPP:

AND NOW THE JUNE ISSUE. A SPLENDID ISSUE!

AM GIVING YOU MY ZIP CODE. IT'S 04865.
(WUD HATE TO MISS A COPY!!!)

MIKE LAWSON, W1GU
WEST ROCKPORT, ME.

JUNE 21, 1965

YOCB-11:

RECEIVED YOUR LETTER OF THE 15TH JUNE AND GLAD TO HEAR FROM YOU. I WILL EXCEPT AND FEEL HONORED TO BE SELECTED AS DIRECTOR OF THE OOTC FOR THE DURATION OF YOUR ADMINISTRATION AND LONGER IF YOUR SUCCESSOR WILL HAVE ME. HA. YOU MIGHT FIND YOURSELF STILL PRESIDENT FOR ANOTHER TERM. GOOD MEN ARE HARD TO FIND YOU KNOW.

INCLOSED YOU WILL FIND PHOTO. THAT I DONE IN HURRY AT THE GRANT STORE, WHAT A DEAL THAT MACHINE FIRES SO FAST THAT I HAD THE PICTURES AND OUT OF THE BOOTH BEFORE I KNEW WHAT WAS GOING ON.

I WAS TALKING WITH EUNICE W1MPP THE OTHER NIGHT ON THE PHONE AND SHE THOUGHT IT WAS JUST GREAT THAT I SHOULD BE ASKED TO SERVE AS DIRECTOR. SHE IS A WONDERFUL PERSON, I DON'T THINK I EVER HEARD HER DISAGREE WITH ANYONE OR ANYTHING, WHAT A GAL.

I WAS ABLE AFTER A LOT OF CALLING AND DOG-ING TO GET MERRELL K2BX TO SHIP THAT BOX OF STAMPS, APPLICATION BLANKS, RECORDS, ETC. EUNICE WAS HAPPY TO GET THE STUFF BUT SAID IT WAS QUITE A MESS.

BERT, I HOPE YOU WILL PLEASE EXCUSE ME FOR USING THIS KIND OF TYPE--GOTHIC I BELIEVE THEY CALL IT BUT IT'S ALL I HAVE, I USE IT FOR THE LOG AND CW.

73 BERT AND THANKS AGAIN
SINCERELY YOURS,
CHARLES MCAULEY, W1KJ

JUNE 18, 1965

YOCB-11:

THIS IS TO CONFIRM THE FACT THAT I WILL BE GLAD TO SERVE AS A DIRECTOR OF THE OOTC FOR THE BALANCE OF YOUR ADMINISTRATION. YOUR OUTLINE OF THE DUTIES OF DIRECTOR ARE CLEAR AND TO THE POINT.

THE PHOTO THAT YOU REQUESTED IS ENCLOSED HEREWITH.

WITH EVERY GOOD WISH FOR THE CONTINUANCE OF YOUR EFFORTS IN BEHALF OF THE ORGANIZATION.

SINCERELY YOURS,
JOHN N. HERLAND, W2MDB
159 CANAL ROAD
PORT JEFFERSON STATION
L. I., NEW YORK, 11776

JULY 6, 1965

YOCB-11:

I HAVE MOVED FROM MY FORMER ADDRESS: 75 MARCY AVENUE, EAST ORANGE, N.J. TO THE FOLLOWING: ALBERT E. SONN, W2GC

145 BOGERT ROAD, PINE BROOK, NEW JERSEY

PLEASE CHANGE YOUR RECORDS ACCORDINGLY SO THAT I CAN RECEIVE ALL MAIL AND SPARK GAP TIMES WITH OUT INTERRUPTION.

STILL ON THE AIR HERE AND WORKING OUT FINE WITH MY HT 32 AND RECEIVER SX 101A. THIS IS OUT IN THE COUNTRY AND WHAT A DIFFERENCE IN SIGNALS AND TRANSMISSION!

BEST 73,
AL SONN

JULY 12, 1965

YOCB-11:

I NOTE IN JUNE SPARK GAP TIMES ABOUT COST OF SAME AND THAT YOU WILL NOT BE ABLE TO PUT IT OUT IN THE ABOVE FORM FOR LONG AND GOING INTO THE RED EACH TIME. AS YOU WELL KNOW A LOT OF THE MEMBERS ARE RETIRED AND HAVE A
--CONTINUED ON THE NEXT PAGE

Spark-Gap Times

OCTOBER 1965

PAGE 7

LETTERS CONT'D

SMALL INCOME. INCLOSED FIND COPY OF A SMALL NEWS LETTER FROM A RADIO CLUB IN WAKEFIELD MASS. WHICH IS GOOD. THINK MAYBE ONE LIKE IT WOULD BE OK FOR OOTC WHERE CASH IS LOW AT THIS TIME. ALSO AS A FOLLOW UP ON MY LETTER TO YOU ABOUT A GRANDFATHER CLAUSE IN NEW FCC DOCKETT 15928. I AM ALSO SENDING A LETTER TO THE QCWA ASKING THE IR HELP IN THE ABOVE AS I THINK BOTH CLUBS COULD BE OF A LOT OF HELP TO ALL HAMS. AS YOU WELL STATE IN YOUR EDITOR'S OPINION WE "AIN'T GOT TOO MANY MORE YEARS--".

THANKS, 73,
D. F. GUPTILL, W1AOG
17 PARK ST. CT.
MEDFORD, MASS.

JULY 10, 1965

YOCB-11:

RECEIVED SPARK GAP TIMES TODAY. NOTE IN EDITOR'S OPINION ON FCC DOCKETT 15928. I ALSO HAVE WRITTEN LETTERS TO SENATOR AND CONGRESSMAN FROM MASS. ALSO SENT LETTERS TO EUNICE AND TO GEORGE STERLING, W1AE ABOUT THE SAME THING. I KNOW FOR MYSELF AT AGE 60 IT WOULD BE HARD TO TAKE A NEW EXAMINATION. THINK THE FCC WOULD GRANDFATHER ALL OLD TIMERS WITH 40 YEARS OR IN FOR EXTRA CLASS AS THEY DID IN 1953 WHEN PHONE RESTRICTIONS WERE REMOVED AS YOU SAY WE "AIN'T GOT TOO MANY MORE YEARS, HI." ANY HELP YOU CAN GIVE FOR ALL WOULD BE APPRECIATED. BEST OF LUCK.

73,
DON DUPTILL, W1AOG
17 PARK ST. CT.
MEDFORD, MASS. 02155

JULY 5, 1965

DEAR W1MPP:

I APPRECIATE MORE THAN WORDS CAN EXPRESS MY HAVING RECEIVED THE 50 YEAR AWARD AND THE LOVELY LETTER THAT ACCOMPANIED IT, SIGNED BY AWARDS CHAIRMAN DUNN, PRESIDENT OSBORNE AND SECRETARY THOMPSON.

KNOWING THAT OUR OOTC HAS OFFICERS SUCH AS WE HAVE SHOULD MAKE US ALL FEEL REALLY PROUD AND APPRECIATIVE OF THEIR GIVING OF THEIR TIME AND TALENT.

THE MATTER OF LESS THAN 50% OF THE MEMBERS HAVING PAID THEIR DUES, ONLY \$2.50 PER YEAR IS RATHER DISCONCERTING TO SAY THE LEAST. SOME, NO DOUBT, CAN BE EXCUSED -

BUT - HOW ABOUT THE OTHERS?

NOW EUNICE, 73 TO YOU AND THE OM. CONTINUE THE GOOD WORK AND PERHAPS I SHALL HORN IN ON THE 3940 NET SOME EVENING TO SAY "HELLO, EUNICE".

GROVER W. WIZEMANN, W2ES
731 HOLLYWOOD DRIVE
NORTHFIELD, N.J. 08225



A HEARTY WELCOME TO YOU "ART", WELCOME ABOARD THE GOOD SHIP OOTC. NOW WE HAVE TWO MEMBERS IN PUERTO RICO, WITH "DICK" KP4ZK AND YOU. WE HOPE YOU ENJOY OOTC.

"Build Your Own" 1MG



SLEEPER RADIO CONSTRUCTION SETS

THIS IS "DICK" HUNT (R) W4MG BACK IN THE OLDEN DAYS. DICK'S CALL WAS 1MG THEN.



ARTHUR LYNCH, W4DKJ, WAS MANAGING DIRECTOR OF THE W2USA RADIO CLUB AND THE WORLD'S FAIRAMATEUR RADIO STATION IN 1939. THE PICTURE ABOVE SHOWS HIM AT HIS HALLICRAFTER RIG AS HE IS TODAY, 25 YEARS LATER, IN FLORIDA. THE D104 IS ONE USED AT W2USA IN 1939.



THIS PIC SHOWS "ART" (W4DKJ) MAKING A BROADCAST OF AMATEUR RADIO ACTIVITY, AT THE FAIR IN 1939, OVER W2USA. SIX TRANSMITTERS WERE IN SIMULTANEOUS USE (NOTICE THE SIX MIKES). YOCB-11 VISITED W2USA IN JULY 1939 AND BERT UTHE, W2JZO WAS ON THE JOB THEN AS HE IS IN THE PICTURE, ART HAD GONE OUT FOR A LITTLE WHILE FOR COFFEE OR SOMETHING.

ARTICLES

W2USA THE AMATEUR RADIO STATION AT THE NEW YORK WORLD'S FAIR 1939

BY ARTHUR H. LYNCH, W2DKJ, MANAGING DIRECTOR

WHEN MR. JOHN S. YOUNG, DIRECTOR OF RADIO & TELEVISION FOR THE WORLD'S FAIR, AT NEW YORK, INVITED US TO UNDERTAKE THE INSTALLATION AND OPERATION OF THE AMATEUR RADIO STATION AT THE FAIR, WE KNEW, FROM PAST EXPERIENCE, THAT IT WOULD BE NECESSARY TO HAVE A SUITABLE ORGANIZATION AND THAT, IN SPITE OF THE FACT THAT THE FAIR WOULD PAY FOR THE ACTUAL INSTALLATION OF OUR AERIALS AND EQUIPMENT, IT WAS GOING TO BE NECESSARY TO HAVE QUITE A BIT OF MONEY TO DEFRAY INCIDENTAL EXPENSES. THERE COULD BE NOTHING HIT OR MISS ABOUT THE UNDERTAKING.

MR. YOUNG ASSISTED US IN THE SELECTION OF THE SPACE WE HAVE BEEN OCCUPYING AND LENT ALL THE ENCOURAGEMENT HE COULD, IN THE MATTER OF PROVIDING INCIDENTAL FACILITIES, SUCH AS FURNITURE, LIGHTING EQUIPMENT AND TYPEWRITERS, ETC. IT WAS HIS DESIRE TO HAVE US GET OUR STATION ON THE AIR BEFORE THE END OF 1938.

IN ORDER TO GET OFF ON THE RIGHT FOOT, WE CALLED IN THE LEGAL DEPARTMENT OF THE AMERICAN RADIO RELAY LEAGUE TO ASSIST US IN THE PREPARATION AND THE EXECUTION OF OUR CORPORATION PAPERS. THE W2USA RADIO CLUB, AS A RESULT, IS A DULY CHARTERED MEMBERSHIP CORPORATION, OPERATING UNDER THE LAWS OF THE STATE OF NEW YORK. THE PRESENT MEMBERSHIP IS LIMITED TO THOSE WHO TAKE AN ACTIVE PART IN THE RUNNING OF THE HOME STATION, IN THE COMMUNICATION AND TRANSPORTATION BUILDING. OUR CHARTER, HOWEVER, PROVIDES FOR OTHER TYPES OF MEMBERSHIP, AND IT IS THE PRESENT PLAN TO PERMIT THOSE AMATEURS WHO CO-OPERATE WITH THE HOME STATION TO BECOME ACTUAL MEMBERS OF OUR ASSOCIATE GROUP.

GETTING ON THE AIR

WHILE WE RECOGNIZED THE DESIRABILITY OF GETTING ON THE AIR AT AS EARLY A DATE AS POSSIBLE, WE REALIZED, ALSO, THAT OUR STATION WOULD BE WATCHED BY AMATEURS THROUGHOUT THE WORLD, AND WE WISHED TO CARRY ON IN A PERFECTLY ORDERLY FASHION. IN ORDER TO AVOID THE DELAYS WHICH WE FELT SURE WOULD DEVELOP, THE PLAN OF INSTALLING OUR OWN FIVE METER EQUIPMENT, OPERATING IT AS A PORTABLE STATION AND SECURING THE CO-OPERA-

TION OF MANY OTHER AMATEUR STATIONS TO ACT AS RELAYING POINTS FOR US, WAS PUT INTO OPERATION. IT WAS FORTUNATE THAT THIS PLAN WAS ADOPTED. AS A MATTER OF FACT, THERE WERE SO MANY LEGAL HURDLES WHICH HAD TO BE TAKEN, IN CONNECTION WITH THE FORMATION OF OUR CORPORATE BODY, THAT WE WERE NOT ACTUALLY IN A POSITION TO APPLY FOR OUR LICENSE UNTIL LONG AFTER THE FIRST OF THE YEAR. OUR OFFICIAL CALL LETTERS WERE ISSUED THE DAY BEFORE THE FAIR OPENED AND THEN ONLY AFTER WE HAD TELEGRAPHED THE F.C.C. AND HAD RECEIVED A TELEGRAPHIC REPLY, AUTHORIZING THE USE OF THE W2USA CALL.

BECAUSE ALL OF OUR PRELIMINARY WORK WAS DONE, ON THE ULTRA-HIGH FREQUENCIES, SOME AMATEURS, UNAWARE OF THE OBSTACLES WE HAD TO OVERCOME, GATHERED THE FALSE IMPRESSION THAT OUR ACTIVITIES WERE TO BE DEVOTED TO THAT FORM OF OPERATION, EXCLUSIVELY. OTHERS THOUGHT THAT WE WERE NOT GOING TO GIVE C.W. TELEGRAPHY ANY PART IN OUR PICTURE AND THAT ALL OF OUR ACTIVITY WAS TO BE ON "PHONE". OF COURSE, NEITHER OF THESE PREMISES WAS CORRECT. OUR ORIGINAL PLAN FOR OPERATION INCLUDED ALL OF THE FACILITIES WHICH WERE DETAILED IN RADIO & TELEVISION, FOR MAY, 1940, AS WELL AS CERTAIN OTHER SERVICES WHICH, EVEN UP TO NOW, HAVE NOT BEEN PLACED IN OPERATION. WE FEEL CONFIDENT THAT THESE NEW SERVICES WILL BE PUT IN OPERATION DURING THE PRESENT SEASON. IT IS OUR DESIRE TO HAVE THE CO-OPERATION OF ALL AMATEURS, NOT ONLY "LOCAL" OPERATORS, BUT THOSE IN ALL PARTS OF THE WORLD.

RELAYING STATIONS

IT IS A MATTER OF AMATEUR TRADITION THAT DIFFICULT OPERATING CONDITIONS SIMPLY INCREASE THE DETERMINATION TO DO A GOOD JOB. THANKS TO THOSE AMATEURS, WHO RECOGNIZED OUR DIFFICULTIES AND JUMPED RIGHT INTO THE JOB WITH US, WE WERE ABLE TO GIVE WHAT HAS BEEN RECOGNIZED AS THE SORT OF PERFORMANCE OF WHICH AMATEUR RADIO MAY WELL BE PROUD. THE HISTORY OF THE SERVICES WHICH HAVE BEEN PERFORMED AT W2USA HAS BEEN SUMMARIZED IN PRECEDING ARTICLES OF THIS SERIES. NO ONE WHO WAS NOT ACTUALLY ON THE JOB, DURING THE FIRST FEW MONTHS OF OPERATION, COULD HAVE THE REMOTEST IDEA OF THE DIFFICULTIES AND THE

W2USA THE WORLD'S FAIR 1939 CONT'D

HARDSHIPS WHICH HAD TO BE BORNE. THE HALL OF COMMUNICATIONS—NOW THE COMMUNICATION AND TRANSPORTATION BUILDING—WAS NOTHING BUT AN EMPTY SHELL WHEN WE MOVED IN. IT WAS COLDER INSIDE THAN OUT. WE WERE PROVIDED WITH A SMALL SHACK, MADE OF WALLBOARD, BUT WITHOUT EITHER HEAT OR VENTILATION. A BORROWED OIL STOVE GAVE US THE HEAT, BUT THERE WAS NEVER ANY VENTILATION. ALL THE WORK WHICH HAD TO BE DONE, IN CONNECTION WITH THE ERECTION OF AERIALS, COULD NOT BE UNDERTAKEN BY US BUT HAD TO BE DONE, UNDER OUR DIRECTION, BY REGULAR EMPLOYEES OF THE FAIR.

APPROVAL OF EVERY LITTLE DETAIL OF OUR PLANS HAD TO BE GIVEN BY THE MAN WHO WAS IN CHARGE OF THE FAIR'S PUBLIC ADDRESS EQUIPMENT. HE WAS CONVINCED THAT IT WAS GOING TO BE IMPOSSIBLE FOR US TO OPERATE OUR STATION IN THE SPACE ADJOINING HIS, WITHOUT CAUSING INTERFERENCE.

ALL OF WHICH PROVED THAT THE INITIAL PLAN TO HAVE OTHER STATIONS HELP US WAS NOT ONLY DESIRABLE, BUT, AS IT TURNED OUT, ABSOLUTELY ESSENTIAL. IT IS WITH A VIEW TO ASSISTING OTHER AMATEURS, WHO MAY BE FACED WITH SOMETHING OF A SIMILAR PROBLEM, THAT WE DEVOTE SO MUCH ATTENTION TO THIS PORTION OF OUR STORY.

WE BELIEVE THAT THE SUCCESSFUL USE OF RELAYING STATIONS BY W2USA IS POSITIVE PROOF OF THE DESIRABILITY OF USING THE ULTRA-HIGH FREQUENCIES FOR LOCAL AND "FEEDER" CONTACTS AND USING THE OTHER BANDS FOR DISTANT CONTACTS, EXCLUSIVELY. BECAUSE IT IS COMPARATIVELY COMMON PRACTICE FOR HIGH-POWER, TWENTY METER PHONE RIGS TO CARRY ON LOCAL "RAG-CHEWS," WHEN VERY MUCH LESS POWER WOULD DO THE JOB BETTER, WITHOUT INTERFERING WITH OTHER STATIONS HUNDREDS OR EVEN THOUSANDS OF MILES AWAY, IS NO VALID REASON FOR DOING LIKEWISE.

SO, WITH OUR 400 WATT, 5 METER TRANSMITTER, HOOKED TO ONE OF THE DOUBLE, EXTENDED ZEP ANTENNAS, DESIGNED BY FRANK LESTER, W2AMJ, AND OPERATING UNDER THE CALL LETTERS, W2DKJ/2, AND WITH MANY LOCAL STATIONS RELAYING OUR TRANSMISSIONS, WE UNDERTOOK TO LET THE WORLD KNOW THAT THE AMATEUR RADIO STATION, LOCATED IN THE HALL OF COMMUNICATIONS, AT THE WORLD'S FAIR IN NEW YORK, WAS ON THE AIR!

THE ACCOMPANYING DRAWINGS SHOW JUST HOW IT WAS POSSIBLE TO UTILIZE THE MANY

THOUSANDS OF DOLLARS WORTH OF EQUIPMENT AND THE EXCELLENT LOCATIONS OF OTHER AMATEUR STATIONS, FOR THE HANDLING OF RELAYS TO AND FROM THE FAIR STATION.

IT IS VERY IMPORTANT TO GIVE FULL CONSIDERATION TO THE POSSIBILITIES OF OPERATION, IF SIMILAR ARRANGEMENTS ARE THOUGHT TO BE DESIRABLE FOR THE HANDLING MESSAGES TO AND FROM AREAS WHICH MAY BE WITHOUT SERVICE OF ANY OTHER KIND, AS A RESULT OF SOME FORM OF DISASTER. WHEN FLOODS, HURRICANES, EARTHQUAKES AND OTHER FORMS OF CALAMITIES HAVE OCCURRED IN THE PAST, IT IS NOTEWORTHY THAT THE ONLY FORM OF COMMUNICATION WHICH COULD BE COUNTED UPON WAS THAT WHICH WAS PROVIDED BY AMATEUR RADIO COMMUNICATION FACILITIES.

IN SUCH EVENTS, THE SUCCESS OF UTILIZING PORTABLE, ULTRA-HIGH FREQUENCY EQUIPMENT², FOR GETTING INFORMATION TO AND FROM THE STRICKEN AREAS TO THOSE OUTLYING AREAS, WHERE POWER LINES AND OTHER FORMS OF COMMUNICATION FACILITIES WERE AVAILABLE, SUGGESTS FURTHER CONSIDERATION AND PREPARATION FOR IMPROVING SUCH SERVICES FOR FUTURE EMERGENCIES.

RADIO STATIONS, LOCATED IN HIGH BUILDINGS, OPERATED FROM STORAGE BATTERY POWER OR EVEN FROM GENERATORS, DRIVEN BY GASOLINE ENGINES, CAN BE COUNTED UPON TO DO THEIR WORK, WHEN ALL OTHER SERVICES HAVE BEEN PUT OUT OF COMMISSION.

THE RELAYING STATIONS, WHICH HAVE BEEN DOING SUCH EXCELLENT WORK, IN THE ROUTINE OPERATION OF THE AMATEUR STATION AT THE WORLD'S FAIR, AT NEW YORK, ARE NOT CONFINED TO OPERATION ON THE ULTRA-HIGH FREQUENCIES. THROUGH THEM, INSTEAD OF BEING CONFINED TO ONE STATION AND TO ONE FREQUENCY, WE HAVE BEEN ABLE TO AVAIL OURSELVES OF THE SERVICES OF SOME TEN OR TWELVE OF THE MOST UP-TO-DATE AMATEUR STATIONS IN THIS PART OF THE WORLD. THEN, TOO, WE HAVE BEEN ABLE TO CARRY ON ACTUAL COMMUNICATION ON ALL BANDS, EVEN THOUGH OUR OWN STATION WAS OPERATED ON THE FIVE METER BAND, EXCLUSIVELY. THERE IS ANOTHER POINT ABOUT THIS FORM OF OPERATION WHICH IS A DISTINCT ADVANTAGE, THOUGH THE POINT OF ORIGIN MAY BE OWNED BY AN OPERATOR WITH A CLASS "B" LICENSE, IT IS POSSIBLE FOR MESSAGES OR EVEN PHONE CONVERSATIONS ORIGINATING FROM HIS STATION, BEING RELAYED ON THE BANDS WHICH WOULD NOT BE OPEN TO HIM OTHERWISE, IF DUE REGARD FOR THE REGULATIONS IS GIVEN BY THE RELAYING STATION OR STATIONS.

AUTOMATIC RELAY

IN ADDITION TO THE HANDLING OF REGULAR TRAFFIC, FROM SUCH A STATION, THERE IS ALWAYS

W2USA AT THE WORLD'S FAIR 1939 CONT'D

THE POSSIBILITY OF HAVING ITEMS OF GENERAL INTEREST TO AMATEURS ON ALL BANDS SENT OUT AT THE SAME TIME, BY AUTOMATIC RELAY. IN OTHER WORDS THE RELAYING STATION PICK UP THE ULTRA-HIGH TRANSMISSIONS AND FEED THEM INTO THE SPEECH EQUIPMENT OF THEIR OWN TRANSMITTERS, SO THAT COPYING AND RE-READING OF THE MESSAGES ARE NOT REQUIRED. THE REGULAR WEEKLY QSTs WHICH ARE SENT OUT FROM W2USA AT 9:45 P.M. EACH FRIDAY NIGHT, WERE HANDLED IN THE FOREGOING MANNER, PRIOR TO THE TIME THAT IT WAS POSSIBLE FOR US TO GET OUR OWN TRANSMITTERS GOING ON ALL BANDS.

ON SEVERAL OCCASIONS THIS FORM OF RELAYING WAS GREATLY AUGMENTED BY ADDITIONAL RELAYS, AT REMOTE POINTS. FOR EXAMPLE, OUR FIRST "ROUND-THE-WORLD; ROUND-THE-CLOCK" RADIO RELAY WAS SENT OUT FROM OUR STATION ON FIVE METERS; PICKED UP AND SENT OUT AGAIN, ON TEN METERS, BY L. M. COCKADAY, W2JCY; PICKED UP AND SENT OUT AGAIN ON TEN AND TWENTY METERS, SIMULTANEOUSLY BY BRIAN GROOM, GM6RG, OF DALASHIELLS, SCOTLAND; PICKED UP AND AGAIN SENT OUT ON TEN METERS BY DAVID R. CRAWFORD, W3FPI, WHO WAS OPERATING "PORTABLE" ABOARD AN AMERICAN STEAMER, THEN LOCATED 100 MILES EAST OF ADEN, IN THE PERSIAN GULF, AND HIS SIGNALS WERE PICKED UP BY A LLAMA PRIEST, AT HIS RADIO STATION, IN HIS TEMPLE, IN THISET. THE PRIEST SENT A RETURN MESSAGE OVER THE SAME ROUTE. AMERICAN STATIONS, OTHER THAN LOCAL, COULD NOT HEAR EITHER OUR OWN STATION OR W2JCY; THEY COULD, HOWEVER, HEAR GM6RG, WHO WAS COVERING MOST OF NORTH AND SOUTH AMERICA WITH A VERY LOUD SIGNAL.

SIMILAR DOUBLE AND TRIPLE RELAYS WERE EFFECTED BY SEVERAL OTHER STATIONS WHICH PUT OUT OUR SIGNALS, DURING THAT TIME. AN EXCELLENT JOB WAS DONE FOR US BY FRANK CARTER, W2AZ (FIRST OPERATOR TO WORK 100 DIFFERENT FOREIGN COUNTRIES ON "PHONE" AND HAVE THEM VERIFIED FOR ADMISSION TO THE A.R.R.L. "CENTURY CLUB"). NOT HAVING FACILITIES TO RECEIVE US ON FIVE METERS, HE DROVE OVER TO OUR STATION, MADE A COPY OF THE RELAY MESSAGE AND SENT IT OUT SEVERAL TIMES, WITH THE RESULT THAT WE RECEIVED REPORTS OF IT HAVING BEEN HEARD IN MANY FOREIGN COUNTRIES.

QSL CARDS (VERIS)

THE ACCOMPANYING COPIES OF THE VARIOUS CARDS WHICH HAVE BEEN ISSUED BY THE W2USA RADIO CLUB ARE ATTRACTING AN UNUSUAL

AMOUNT OF ENTHUSIASM. SO FAR, THERE HAVE BEEN THREE TYPES. THE FIRST WAS SENT TO THOSE WHO SENT IN REPORTS OF HAVING HEARD OUR FIRST "ROUND-THE-WORLD; ROUND-THE-CLOCK" NEW YEAR'S GREETING. THE RECIPIENTS OF THOSE CARDS REALLY HAVE SOMETHING IN THE NATURE OF A "KEEPSAKE" WHICH WILL SOON BECOME VERY VALUABLE. THE NUMBER WHICH WAS SENT OUT WAS DEFINITELY LIMITED; THEY WERE NOT MAILED UNTIL THEY COULD BE CLEARED THROUGH THE POST OFFICE WHICH WAS OPENED ON THE FAIR GROUNDS AND THEY WERE SENT WITH THE SPECIAL ISSUE N. Y. WORLD'S FAIR STAMPS WHICH WERE ALSO LIMITED IN NUMBER.

NOT EXACTLY QSL CARDS ARE THE CERTIFICATES WHICH ARE SUPPLIED BY OUR "TRAFFIC CONTROL COMMITTEE," TO ALL THOSE VISITING OPERATORS WHO BRING THEIR LICENSES WITH THEM, WHEN THEY VISIT OUR STATION AND WHO ACTUALLY MAKE CONTACT WITH ONE OR MORE STATIONS FOR US. THEY ARE JUST ABOUT THE SIZE OF THE LICENSE AND THEY ENABLE THOSE WHO HOLD THEM TO JOIN IN THE OPERATION OF OUR STATION AT ANY TIME THEY SEE FIT, WITHOUT THE FORMALITY OF RE-REGISTERING.

QSL CARDS FOR THE 1939 CONTACTS AND FOR THOSE WHO VISITED THE FAIR STATION LAST YEAR ARE NOW IN THE PROCESS OF MAILING. WE HAVE SOME TEN THOUSAND OF THEM TO GET OUT. THERE HAS BEEN A CONSIDERABLE DELAY, BUT THOSE WHO ARE RECEIVING THEM TELL US THAT THEY ARE WELL WORTH WAITING FOR.

AN ENTIRELY NEW CARD WILL BE ISSUED FOR THE 1940 SEASON, AND WE HOPE TO BE ABLE TO GET THEM OUT AS THE CONTACTS ARE MADE. WE HAVE MANY OTHER INTERESTING INNOVATIONS FOR THE 1940 SEASON.

1MR. LYNCH'S 400 WATT, 5 METER TRANSMITTER WAS DESCRIBED BY HIM IN A SERIES OF ARTICLES ENTITLED "THE 5-40-400 TRANSMITTER" IN SHORT WAVE CRAFT FOR AUGUST TO OCTOBER, 1938. —ED.

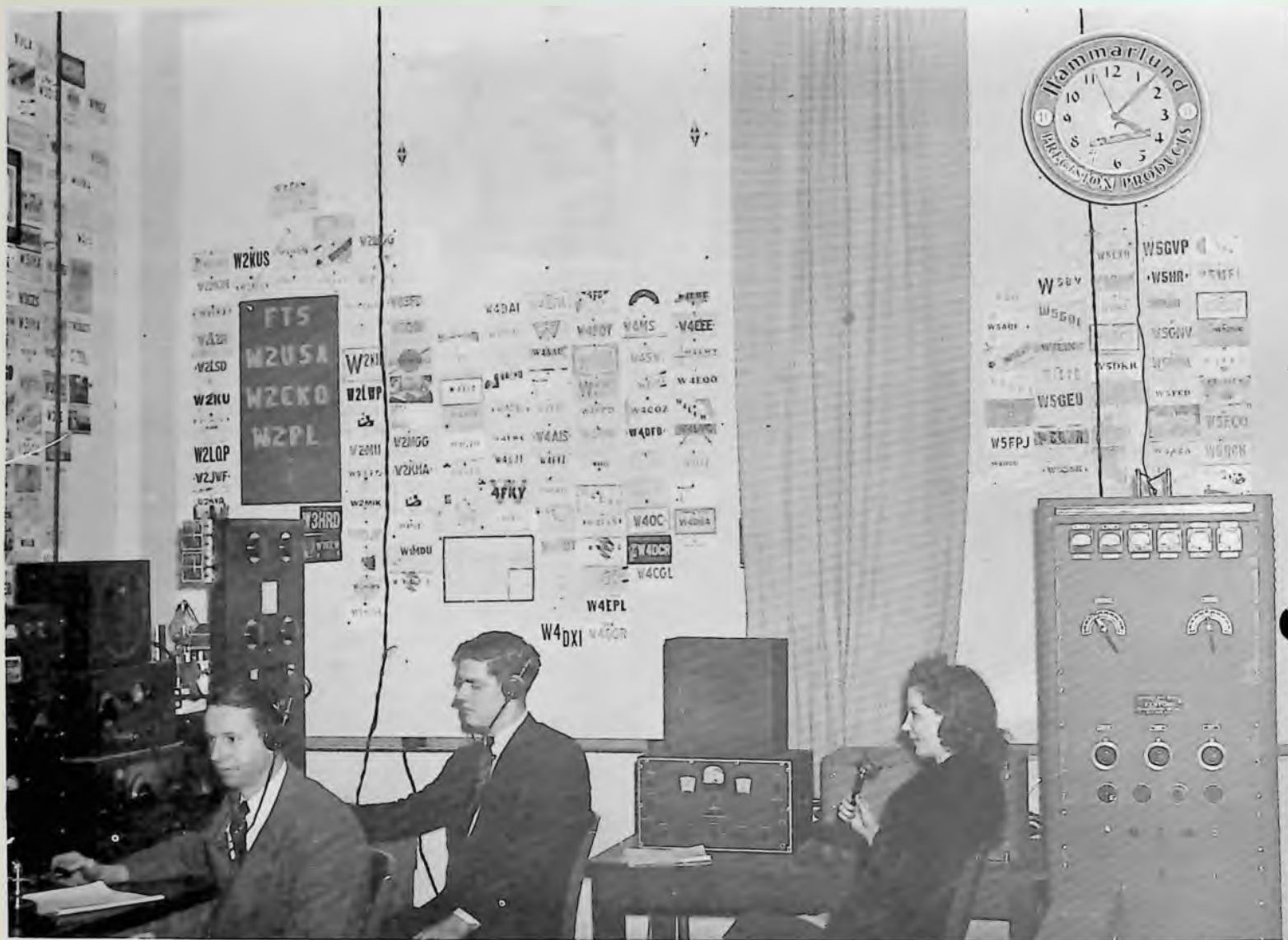
2MR. LYNCH HAS HAD THE COURAGE OF HIS CONVICTIONS ON THESE POINTS. SINGLE-HANDED, HE RAN UP THE HIGHEST INDIVIDUAL ULTRA-HIGH FREQUENCY SCORE EVER MADE, DURING AN A.R.R.L. FIELD DAY CONTEST. —ED.

PLEASE CHECK THE ADDRESS ON YOUR ENVELOPE TO SEE IF THE ZIP CODE NUMBER IS SHOWN, AND IF SHOWN CORRECTLY. IF NOT WILL YOU ADVISE OUR SECRETARY, EUNICE R. THOMPSON, W1MPP, CHRISTIAN HILL RD., LOVELL, MAINE 04051 OF THE CORRECT NUMBER.

Spark-Gap Times

PAGE 12

OCTOBER 1965



THE LADY, OPERATING THE 75 METER, PHONE STATION HAD A FIRST CLASS LICENSE. UNFORTUNATELY HER NAME AND CALL LETTERS HAVE BEEN MISLAID. ALTHOUGH THE KENYON TRANSFORMER COMPANY DID NOT MANUFACTURE TRANSMITTERS, SEVERAL WERE MADE UP SPECIALLY FOR W2USA, SUCH AS THE ONE BEHIND HER. IT WAS PAIRED WITH THE HAMMARLUND RECEIVER. POSSIBLY THE TWO GENTLEMEN, MANNING PORTIONS OF THE FORTY TRAFFIC SYSTEM MAY BE IDENTIFIED BY AN OOTC MEMBER. BY THE WAY, THE HEAVY WIRES, RUNNING UP THE WALLS, ARE ACTUALLY THE NO. 12, SOLID, REGULAR ELECTRIC LIGHT LINES USED FOR THE LEAD-INS, FROM ALL THE ANTENNAS, INCLUDING THE ONE ON 5 METERS! SOME OF THEM WERE SEVERAL HUNDRED FEET LONG, MUCH TO THE DISMAY OF SOME "ENGINEERS".

OCTOBER 1965

[illegible]

WHEN SHE WASN'T DOING A FINE JOB, AS A HOSTESS, LENORE KINGSTON CONN, W2NAZ, OF NEW YORK CITY, HANDLED PLENTY OF TRAFFIC ON THE FORTY TRAFFIC SYSTEM, WHICH SHE IS DOING HERE, WHEN STANLEY McMINN, W2WD, OFFICIAL PHOTOGRAPHER OF THE W2USA RADIO CLUB, TOOK HER PICTURE. W2WD, LATER BECAME W4WD, BUT HAS SINCE BECOME A "SILENT KEY".

Now It Can Be Told

By H. W. CASTNER

Ex-1B1, 1UQ, W11E

JUST 44 YEARS AGO, ON SEPTEMBER 10, 1921, YOURS TRULY RAN THE: "SECOND ANNUAL CONVENTION CITIZENS RADIO CONVENTION OF NORTHERN NEW ENGLAND", AT THE NEW PORTLAND CITY HALL, IN PORTLAND, MAINE.

ONE OF THE WORLD'S LARGEST PIPE ORGANS HAD BEEN INSTALLED IN THE GREAT AUDITORIUM AND DEDICATED TO THE GREAT MUSICAL GENIUS OF PORTLAND, HERMAN KOTCHMAR. A MUSIC COMMISSION HAD BEEN APPOINTED AND A MR. MCFARLAND HAD BEEN SELECTED AS MUNICIPAL ORGANIST.

THIS WAS AN ALL-DAY AND EVENING HAMFEST. ALL THE WHO'S WHO OF HAMMOON WAS THERE INCLUDING H. P. MAXIM, AS WELL AS "AMATEUR #1," IRVING VERMILYA, WIZE.

THE PROGRAM CONSISTED OF AN EXTENSIVE DISPLAY BY MANUFACTURERS; A BANQUET AT THE FALMOUTH HOTEL; A DRAMATIC PRESENTATION IN THE EVENING WITH FULL ORCHESTRA, AND AFTERNOON CONCERT ON THE GREAT ORGAN BY MR. MCFARLAND.

THE ORGAN CONCERT WAS SUPPOSED TO GO ON AT 2:00 P.M. THE AUDITORIUM WAS FILLED AND THE HOUR APPROACHED, BUT MR. MCFARLAND COULD NOT BE FOUND. I KNEW THE SUPERINTENDENT OF THE BUILDING, AND AFTER CONTACTING HIM, I LEARNED THAT MR. MCFARLAND HAD HAD SOME SORT OF AN ALTERCATION WITH THE COMMISSION, AND ALTHOUGH HE HAD BEEN ORDERED TO GIVE THE CONCERT, HE HAD DEPARTED FOR PARTS UNKNOWN.

KNOWING A PARTICULAR WEAKNESS OF THE SUPERINTENDENT, I MADE HIM A HASTY PROPOSAL. I KNEW THAT OTHER ORGANISTS OF VARIOUS CHURCHES IN PORTLAND, HAD PLAYED THIS GREAT ORGAN AND I TOLD HIM THAT IF HE WOULD GET A TAXI AND GET ONE OF THEM, I WOULD SEE THAT HE HAD TWO QUARTS OF THE FINEST LIQUOR.

MY PROPOSITION MUST HAVE BEEN OF UNUSUAL INTEREST, AS HE HUSTLED OFF AND AT 10 MINUTES OF TWO, APPEARED WITH AN ORGANIST. HEAVING AN R-9 SIGH OF RELIEF, WE ALL WENT TO THE BACK STAGE AND ALL OF A SUDDEN WERE CONFRONTED WITH A FRIGHTFUL QUESTION: "WHERE ARE THE KEYS TO THE GREAT MASTER LOCK SWITCH?" EVIDENTLY MR. MCFARLAND HAD THEM AND NO ONE KNEW WHERE HE WAS.

I HAD SERVED AS A CHIEF RADIOMAN IN THE LATE WAR, BUT PREVIOUS TO THAT I WAS EMPLOYED AS AN ELECTRICIAN IN PORTLAND,

AND HAD WORKED ON THIS ELECTRICAL JOB JUST BEFORE THE WAR. I KNEW IT WAS PRACTICALLY IMPOSSIBLE TO PICK ONE OF THESE ELECTRIC LOCK SWITCHES, BUT IN DESPERATION I TOOK OFF THE PLATE, GOT OUT MY JACK KNIFE AND BEGAN DESPERATELY JABBING AND PUCHING THE ROLLERS INSIDE. I BROKE THE BLADE OF MY KNIFE, SKINNED A KNUCKLE AND MOPPED THE SWEAT THAT WAS STREAMING DOWN MY NECK, WHILE THE GREAT THRONG IN THE AUDITORIUM SAT COMPLACENTLY, ANTICIPATING THE CONCERT.

IT WAS NOW ONE MINUTE TO TWO. POKING AND JABBING, SOMEHOW OR OTHER I TOUCHED A VULNERABLE SPOT AND ALL OF A SUDDEN, THERE WAS A GREAT SOUND OF THE GREAT MOTORS STARTING AND AS THE MINUTE HAND OF THE CLOCK STOOD ON 2:00 P.M., THE ORGANIST WALKED ON STAGE AND APPROACHED THE GREAT CONSOLE.

AS THE THRONG SAT SILENTLY, THE ORGANIST RAISED HIS HANDS AND WHEN HE CAME DOWN ON THE KEYS, A TREMENDOUS VOLUME OF MUSIC FILLED THE AUDITORIUM, AUGMENTED BY THE MANY ECHO ORGANS THROUGHOUT THE WALLS AND CEILINGS.

I DOUBT IF I HEARD MUCH OF THAT GREAT CRESCENDO! I REMEMBER PICKING MYSELF UP OFF THE FLOOR AND STAGGERING TO A NEARBY CHAIR.

AMONG PROFESSIONAL ACTORS, WE HAVE FREQUENTLY HEARD THAT DESPERATE ADMONITION THAT: "THE SHOW MUST GO ON!" WELL, IT DID!, BUT NOT ONE SOUL IN THAT GREAT THRONG, KNOW WHAT WENT ON BEHIND THE SCENES.

OUR ESTEEMED SECRETARY-TREASURER, EUNICE, WAS RIGHT IN THE FRONT ROW, AS WELL AS A HANDSOME YOUNG HAM NAMED G. KENNETH THOMPSON, WHOM SHE LATER MARRIED, BUT THIS IS PROBABLY THE FIRST TIME SHE HAS LEARNED ABOUT THIS INCIDENT, AND, CALLING IT AN INCIDENT, IS PUTTING IT MILDLY.

IT COST \$300 TO HIRE THE PORTLAND CITY HALL FOR A DAY AND EVENING, IN THOSE TIMES BUT I HAD "WOODELED" IT OUT OF THE PORTLAND CHAMBER OF COMMERCE, BY CONVINCING THEM THAT I WAS BRINGING A LARGE GROUP OF INTELLIGENT YOUNG MEN AND WOMEN TO PORTLAND. I RAN THIS HAMFEST ALL ALONE AND FED OVER 300 AT THE BANQUET AT THE FALMOUTH HOTEL.

I HEARD OF A BUNCH OF ACTORS WHO WERE APPARENTLY STRANDED IN PORTLAND. THEY CALLED THEMSELVES: "BUNNY LEFORT, AND HER PARISIAN BEAUTIES". WE WON'T COMMENT ON THAT, BUT I CONTACTED THEM AND FOUND THEY WERE HUNGRY. I WROTE A COMPLETE SHOW FOR THEM AND INVEIGLED

Spark-Gap Times

OCTOBER 1965

PAGE 15

Now It Can Be Told CONT'D

GOOD OLD TOMMY ROBBINS TO WRITE AND DIRECT THE ORCHESTRATIONS, AND THEY PUT ON QUITE A SHOW. I WROTE NUMEROUS GAGS INTO THE SCRIPT, WHICH INCLUDED JOKES ON THE DIGNITARIES, SUCH AS MR. MAXIM, IRVING VERMILYA ETC.

BUNNY AND HER LEADING MAN, AL BERG, WERE IN THE MIDST OF A MUSICAL NUMBER, WHEN ALL OF A SUDDEN BUNNY STOPPED SINGING AND BECAME ABSORBED IN SOMETHING SHE APPARENTLY SAW IN THE AISLE. BERG SEEMED EMBARRASSED AND NUGGED HER TO CONTINUE, BUT SHE WOULD

NOT. LOOKING DOWN AT THE AISLE, HE ASKED HER WHAT SHE WAS LOOKING AT. SHE REPLIED, "WHO LEFT THOSE TWO VIOLIN CASES IN THE AISLE?" BERG TOOK A LOOK AND REPLIED: "THOSE ARE NOT VIOLIN CASES, THAT'S IRVING VERMILYA'S FEET!" PERHAPS YOU CAN APPRECIATE WHAT A KICK THE AUDIENCE GOT FROM THAT ONE.

WELL, IT WAS QUITE A HAMFEST, AND I GUESS EVERYONE HAD A PRETTY GOOD TIME, AND THAT MIGHT HAVE INCLUDED THE SUPERINTENDENT, BUT THAT'S ONE ORGAN CONCERT I WILL NEVER FORGET, AND PERHAPS AFTER THESE 44 YEARS IT CAN BE TOLD.



THAT MUST BE EUNICE RIGHT IN THE CENTER OF THE FRONT ROW.
THAT WAS SOME "HAMFEST" HAROLD, AND A MIGHTY GOOD JOB YOU DID.



CHIEF RADIOMAN FRED SEID, AND HIS MEN OF THE COAST GUARD TOOK OVER OPERATION OF W2USA ONE NIGHT A WEEK.

NEWS ABOUT MEMBERS



AN OLD TIMER LEAVES THE NAVAL SECURITY STATION

PERHAPS ONE OF THE OLDER OF THE MANY LICENSED AMATEUR RADIO OPERATORS WHO ARE EMPLOYED BY THE NAVY IS HAROLD E. (HAL) WILCOX, COMMANDER US NAVAL RESERVE RETIRED (W4OP). HE IS PLANNING ON RETIRING THE 31 OF MAY AFTER NINE YEARS IN HIS PRESENT POSITION.

HIS FIRST RADIO LICENSE WAS ISSUED IN APRIL, 1920 WITH THE ASSIGNED CALL OF 9 (LETTER-O) (LETTER-O) (900).

BACK IN 1912, HIS FIRST EXPERIENCE WITH RADIO COMMUNICATIONS WAS THROUGH THE USE OF THE COHERER/DECOHERER WITH A RELAY TO OPERATE A BUZZER THROUGH A KEYED CIRCUIT GENERATING ELECTROMAGNETIC WAVES WITH AN OLD FORD SPARK COIL.

FROM THE COHERER/DECOHERER, PROGRESS WAS MADE AS STATE OF THE ART INCREASED THROUGH THE USE OF THE GALENA DETECTOR, AUDIOTRON TUBE, MOORHEAD VALVE AND RCA'S TUBE TYPES UV-200A - UV201A OF THE EARLY 1920's.

HAL OBTAINED HIS FIRST DEPARTMENT OF COMMERCE AMATEUR LICENSE IN 1920, HIS FIRST COMMERCIAL LICENSE IN 1923.

IN 1921 WHILE WORKING AS ASSISTANT CASHIER OF THE BOONE NATIONAL BANK, BOONE, IOWA; HE INSTALLED AN AMATEUR RADIO BROADCAST STATION (9BNW) ON TOP THE BANK BUILDING,

SEVEN STORIES UP. IN 1921 THERE WERE NO RESTRICTIONS ON BROADCASTING MUSIC, WEATHER REPORTS, LIVE STOCK AND GRAIN QUOTATIONS AND NEWS ON THE 200 METER AMATEUR BANDS. LIVE STOCK AND MARKET REPORTS WERE READILY ACCESSIBLE IN THE BANK, AND THE BROADCASTING SERVICE WAS CONSIDERED GOOD ADVERTISING AND IN THE PUBLIC INTEREST. LATER, IN 1923 AFTER RETURNING FROM COLLEGE, HE BUILT, INSTALLED, AND OPERATED A COMMERCIAL RADIO BROADCAST STATION (KFGQ) WHICH, BY THE WAY, IS STILL ON THE AIR. COMMERCIAL LICENSES IN 1923 WERE GRADED SECOND CLASS COMMERCIAL WITH FIRST CLASS RADIOTELEPHONE ENDORSEMENT. THE COMMERCIAL LICENSE WAS KEPT IN FORCE UNTIL "HAL" CAME ON ACTIVE DUTY WITH CNO IN 1941.

DURING THE ENTIRE PERIOD OF AMATEUR RADIO ACTIVITY, "HAL" WAS VERY ACTIVE IN CLUB WORK. HE ATTENDED THE FIRST AMERICAN RADIO RELAY LEAGUE CONVENTION IN CHICAGO, 1921. HE WAS TOASTMASTER AT THE FIRST AMERICAN RADIO RELAY LEAGUE CONVENTION AT IOWA STATE COLLEGE, AT WHICH TIME HE WAS THE VICE PRESIDENT OF THE ISC CAMPUS RADIO CLUB. IN 1923 WHEN THE THIRD NAVAL DISTRICT ORGANIZED THE AMATEUR RADIO STATIONS FOR POSSIBLE USE IN TIME OF WAR UNDER THE NAVAL RESERVE PROGRAM, 900 WAS LISTED AS BEING AVAILABLE.

IN 1929 HE ENLISTED AS RADIOMAN 2ND CLASS

Spark-Gap Times

OCTOBER 1965

PAGE 17

AN OLD TIMER LEAVES NSS CONT'D

IN THE US NAVAL COMMUNICATION RESERVE PROGRAM V-3. IN 1930 HE ESTABLISHED US NAVAL COMMUNICATION RESERVE UNIT 8-5 IN BOONE, IOWA, LOCATED ONLY 15 MILES FROM THE IOWA STATE COLLEGE CAMPUS. STUDENT MEMBERS OF THE NAVY'S V-3 PROGRAM MAINTAINED THEIR ACTIVITY AS MEMBERS OF "HAL'S" UNIT. HE WAS COMMISSIONED ENSIGN IN 1935. BY THE YEAR 1941 ALL THE MEMBERS OF UNIT 8-5 WERE ON ACTIVE DUTY IN WW2.

WHILE ON ACTIVE DUTY WITH CNO (DNC) REGISTERED PUBLICATION SYSTEM, HE OPERATED AMATEUR RADIO STATION W3JWF IN MARYLAND. AFTER PEARL HARBOR, AND THE LIFTING OF THE AMATEUR RADIO BAN, HE OPERATED W7JNM/W7OP IN SEATTLE WASHINGTON. IN 1946 HE HELPED IN ORGANIZING THE NORTH SEATTLE RADIO CLUB AND WAS ELECTED VICE PRESIDENT. THE CALL W7JNM BECAME A PROBLEM PHONETICALLY AND A REQUEST FOR THE REASSIGNMENT OF A TWO-LETTER CALL RESULTED IN THE ASSIGNMENT OF W7OP. AFTER THE TOUR OF DUTY IN SEATTLE, HE RETURNED TO THE WASHINGTON AREA FOR DUTY WITH DNC IN THE COMMUNICATION CENTER, MAIN NAVY, AND WAS ASSIGNED THE AMATEUR RADIO CALL W4OP.

AFTER RELEASE FROM ACTIVE DUTY IN 1949 HE WAS FIELD REPRESENTATIVE FOR THE SCIENCE DIVISION OF THE LIBRARY OF CONGRESS DURING WHICH TIME HE CONTINUED HIS INTEREST

IN CLUB WORK, HE WAS CIVIL DEFENSE COMMUNICATION OFFICER AND RADIO AMATEUR CIVIL EMERGENCY SERVICE OFFICER FOR THE CITY OF FALLS CHURCH, VIRGINIA. HE WAS ELECTED PRESIDENT OF THE FALLS CHURCH RADIO CLUB WHILE IT WAS LOCATED IN FALLS CHURCH. THE CLUB FACILITIES WERE TORN DOWN AT THE TIME THE NEW FALLS CHURCH CITY HALL WAS BEING BUILT AND THE CLUB WAS MOVED TO THE RED CROSS CHAPTER HOUSE IN FAIRFAX, VIRGINIA, WHERE THE CLUB NAME WAS CHANGED TO THE NORTHERN VIRGINIA RADIO CLUB. CDR. WILCOX WAS ELECTED ON TWO SUBSEQUENT YEARS TO SERVE AS PRESIDENT AND ONE OTHER YEAR WAS VICE PRESIDENT OF THE CLUB. THE RADIO CLUB STATION WAS ESTABLISHED AS A UNIT OF THE RED CROSS AMATEUR RADIO COMMUNICATION SYSTEM AND WAS FIRST OPERATED UNDER W4OP AS A PORTABLE CALL AND THEN THE CLUB AMATEUR LICENSE WAS MODIFIED WITH THE ASSIGNED CALL OF W4PAY.

COMMANDER WILCOX IS A MEMBER OF THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, THE ARMED FORCES COMMUNICATION AND ELECTRONICS ASSOCIATION, THE MILITARY AFFILIATE RADIO SERVICE, THE QUARTER CENTURY RADIO CLUB AND THE OLD OLD TIMERS RADIO CLUB. AT THE 1965 MARS VIRGINIA MEETING HELD IN RICHMOND HE WAS GIVEN RECOGNIZATION FOR FIFTEEN AND A HALF YEARS OF CONTINUOUS ACTIVITY IN THE MARS PROGRAM.



THIS IS THE OLD S.S. SANTA LUISA GRACE LINE SHIP ON WHICH ART JACOBY, W2OY, POUNDED BRASS.



HERE'S THE OLD SANTA ISABEL, ART JACOBY'S (W3OY) IN DRYDOCK IN BALBOA.



HERE IS DAVE BUDREAU, K1BPJ, AT HIS RIG.

Spark-Gap Times

OCTOBER 1965

PAGE 19

31 MARCH 1965

DEAR W1MPP:

I WAS VERY PLEASED TO GET YOUR LATEST KIND LETTER CONTAINING THE INFORMATION YOU GAVE ME. I DON'T MEAN TO TAKE UP YOUR TIME CONTINUOUSLY, BUT FELT I WOULD LIKE YOU TO KNOW HOW VERY PLEASED AND HAPPY I WAS WITH SGT AND PARTICULARLY THE ARTICLES NAD-JR, "ECHOES FROM OTTER CLIFFS" BY K11ZO, "SOS" BY K4ES AND 1918 DIARY BY W3OY. I REMEMBER PRACTICALLY ALL THE MERCHANTMEN MENTIONED IN THESE ARTICLES, AND PERSONALLY KNEW LUKE DUFRESNE, BUD FISHER AND HANK GRINDLE. EX-RADIO GUNNER ELMER STABB WHO WORKS WITH ME HERE AT BOSTON NAVAL SHIPYARD IN THE ELECTRONICS TECHNICAL DIVISION, WAS ANOTHER OF THE NBD RADIOMEN, AS WELL AS MYSELF. I DID TWO TOURS OF DUTY AT NBD 1929-1931 AND 1935-1937. THE LATER AT SCHOODIC POINT, WINTER HARBOR, MAINE. I ALSO SERVED AT SEA ABOARD BATTLESHIP USS COLORADO, TWICE WITH LUKE DUFRESNE, 1925-1927 AND 1938-1939.

DURING MY FIRST TOUR AT NBD OTTER CLIFFS, I ALSO OPERATED RADIO DF STATION NQC THERE. AS EMILY, K11ZO, STATED, COMMERCIAL RADIOGRAMS DID DECREASE VERY MUCH BY 1923, HOWEVER, AS LATE AS 1929-1931, IN SPITE OF THE MORE POWERFUL RCA STATION SHE MENTIONS TAKING OVER THE BULK OF THE TRAFFIC, NBD STILL DID QUITE A BUSINESS, AS WE STILL HAD A WESTERN UNION AND A POSTAL TELEGRAPH CIRCUIT IN OPERATION FOR RELAY OF RADIOGRAMS FROM LINERS IN THE ATLANTIC. I RECALL TAKING TRAFFIC FROM THE USS LEVIATHAN WHEN SHE WAS TYING UP AT LIVERPOOL, ENGLAND. OUR XMTR WAS NAVY MODEL TAB RADIATING FROM 1 TO 2 KW. WE OPERATED ON 122 KC. I HAD AN UNOFFICIAL CONTACT FROM NBD WITH THE PRESENT KP4AZ, WHO WAS AT SEA ON A NAVAL AUXILIARY VESSEL BOUND SOUTH FROM NORFOLK, VA. HE WAS A LICENSED AMATEUR AT THAT TIME ALSO, AND I NEXT TALKED TO HIM, 30 YEARS LATER, FROM MY K1BPJ NORTH BILLERICA, MASS., QTH AND HE WAS THEN, AS NOW, KP4AZ (JOHN ROBT HALEY, JR)

I HAD CONTACTED THE LEVIATHAN MANY TIMES BOTH FOR TRAFFIC AT NBD AND FURNISHING RDF BEARINGS FROM RADIO NQC BAR HARBOR, OTTER CLIFFS. I DON'T RECALL THE EXACT DATE, BUT WHEN LEVIATHAN WAS SOLD TO A PRIVATE FACILITY IN HOLLAND, AND WAS ON HER LAST CROSSING FROM NEW YORK, I SUPPLIED HER WITH RDF BEARINGS. SHE COULD NO LONGER USE HER RADIO CALL "WSBN" BUT INSTEAD USED "USS LEVI". I ALSO WORKED ONE OF HER LIFE BOATS USING CALL WSBN-1. THEY WERE CONDUCTING SOME SORT OF "OPERATION" BETWEEN SHIP AND LIFEBOAT.

I RECALL FURNISHING QTE'S (RDF BEARINGS) DIRIGIBLES ON FLIGHT OVER ATLANTIC, EUROPE TO US AND ALONG EASTERN SEABOARD. THEY INCLUDED THE GRAF ZEPPLIN, VON HINDENBURG, LOS ANGELES, MACON, AND AKRON. AS I RECALL, THEY ALL CAME TO A BITTER END, EITHER BURNING UP, OR BEING DESTROYED BY SEVERE ELECTRICAL STORMS. YOU WILL RECALL WHEN THEY USED TO "TIE-UP" TO THE MAST AT LAKEHURST, N. J.

THE ARTICLE ABOUT OTTER CLIFFS NBD NAVY RADIO SURELY RUNG A LOT OF BELLS FOR ME, MAKING ME MORE THAN EVER HAPPY THAT I CAN BE A MEMBER OF SUCH A WONDERFUL GROUP OF PEOPLE. I CAN'T WAIT TO GET A PROPER ANTENNA UP, SO I CAN JOIN THE GANG ON 80, AND I THINK MY TR-3 300PEP WILL PERMIT QUITE GOOD CONTACT.

EUNICE, I AM SORRY IF I HAVE TAKEN UP TOO MUCH OF YOUR BUSY TIME, BUT I JUST COULDN'T RESIST FILLING YOU IN ON MY HAPPINESS WITH CONTENTS OF SGT AND ITS SUBSCRIBERS, AND LETTING YOU KNOW HOW PLEASED I AM THAT I WAS ONE OF THE "NBD" "NQC" OPERATORS, EVEN THO I DID COME ALONG SOME 6 YEARS AFTER THE STATION HAD DWINDLED FROM ITS HISTORICAL PEAK, IN RADIO TRAFFIC HANDLING. THE PHOTO OF RADIO BAR HARBOR "NBD" ABSOLUTELY THRILLED ME, FOR I HAD MANY TIMES BEEN A-TOP THOSE TWO TOWERS. AND THE MANY HAPPY PLEASANT TIMES AT NBD WILL ALWAYS BE ONE OF MY FONDEST MEMORIES. MY FIRST WIFE WAS A BAR HARBOR GIRL (PASSED AWAY WITH CANCER, 1960). MANY A MID-NIGHT WATCH SHE SHARED WITH ME AT NBD, NQC AND RADIO RDF STATION FOURTH CLIFFS, MASS. ALSO AT PORTLAND'S TWIN-LIGHTS RDF STATION "NAB". I OPERATED THE FOURTH CLIFFS STATION DURING THE 1938 HURRICANE, AND WE STAYED ON THE AIR, USING AUXILIARY POWER. I WAS THE ONLY OPERATOR ABOARD AT THE TIME.

MY FIRST RADIO SCHOOLING WAS AT THE NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA, FROM WHICH I GRADUATED IN MARCH 1925. MY PREVIOUS RADIO KNOWLEDGE WAS SELF-LEARNED.

HOPING I HAVEN'T BEEN TOO LENGTHY EUNICE, AND HAVEN'T TAKEN TOO MUCH OF YOUR TIME. I AM ENCLOSING CHECK FOR \$6.00 AND STAMPS. WHEN YOU CAN, PLEASE SEND ME 200 GUMMED OOTC GOLD STAMPS, COPY OF BLUEBOOK, AND 100 LETTERHEADS. PLEASE DON'T FEEL YOU MUST HURRY. IT WILL BE PERFECTLY OKAY, WHATEVER DELAY YOU MAY HAVE, FOR I REALIZE THE HANDICAP YOU MUST BE WORKING UNDER.

MY SINCEREST REGARDS AND MANY MANY THANKS,
DAVE BUDREAU, K1BPJ
APARTMENT 12
6 CONTINENTAL COURT
WOBBURN, MASS.

Spark-Gap Times

PAGE 20

OCTOBER 1965

EDITOR'S NOTE: A VERY THOUGHT PROVOKING ARTICLE BY "KEN" THOMPSON, WIPS, ON THE OOTC, WHERE WE'RE HEADED, ETC.

THE OLD OLD TIMERS CLUB "ITS FUTURE, IF ANY" BY WIPS - JULY 30, 1965

THE MODERN ORGANIZATION IS WORRIED ABOUT ITS IMAGE. AND WELL IT SHOULD BE. IF AN UNFAVORABLE IMAGE GAINS CURRENCY THE OUTFIT CAN GO ON THE SKIDS AND FAST.

WHAT ABOUT THE OOTC IMAGE? THE WRITER WOULD RATE IT FF. THAT MEANS FAIR AND FALTERING. WHY? ON THE PLUS SIDE WE HAVE OVER \$2000 IN THE BANK, OVER 600 MEMBERS, AN ANNUAL GROWTH RATE OF 25%, NEGLIGIBLE CURRENT LIABILITIES, A WELL-RECEIVED HOUSE ORGAN - SPARK GAP TIMES. ON THE MINUS SIDE WE HAVE UNFULFILLED OBLIGATIONS SUCH AS DELAYED DELIVERY OF THE BLUE BOOK, CONTINUED PUBLICATION OF SGT AT A LOSS, OFFICES UNMANNED OR INACTIVE, SUBSTANTIAL CONTINGENT LIABILITIES, LESS THAN 1% OF THE MEMBERSHIP DOING 98% OF THE WORK, AN OUT-MODED CONSTITUTION AND NO BY-LAWS WHATEVER TO GUIDE THE OFFICERS. HENCE THE RATING - FF.

THE DEFICIENCIES ARE GRADUALLY BEING TACKLED. A COMMITTEE HAS DRAFTED PROPOSED CHANGES IN THE CONSTITUTION, A SLATE OF DIRECTORS HAS BEEN APPOINTED TO GIVE GEOGRAPHICAL "BALANCE" IN FORMULATING FUTURE CLUB POLICES, AND BELIEVE IT OR NOT, HARD WORK IS BEING EXPENDED ON THE BLUE BOOK. THE POTENTIAL FUTURE OF THE OLD OLD TIMERS CLUB REMAINS "BRILLIANT" - 100,000 MEMBERS A POSSIBILITY BY 1980 - AFTER THAT AN ORGANIZATION RIVALING THE STRENGTH OF THE ARRL, PROVIDED IF

IF THE PRESENT AND SOON-TO-BE ELECTED HANDFUL OF OFFICERS CAN SOMEHOW TAP, HARNESS AND ORGANIZE EVEN 5% OF THE SKILLS, EXPERIENCE, WISDOM, KNOW-HOW AND ENERGIES EXISTING IN THE CURRENT MEMBERSHIP. JUST ABOUT AS EASY AS JUGGLING THE ATOM TO PRODUCE THE BOMB.

MAKE NO MISTAKE. 95% OF US CAN SIT APATHETICALLY IN OUR ROCKING CHAIRS AND WATCH OOTC RISE HIGH INTO THE FIRMAMENT. BUT 5% OF US MUST DUST OFF OUR TALENTS, STEP UP OUR VITAMIN INTAKE AND MESH INTO THE MACHINERY OF A WELL-OILED ORGANIZATION IF THIS DREAM IS TO COME TRUE.

LET'S TAKE A LOOK AT SOME OF THE BASIC JOBS. THE PRESIDENCY. THIS NOW IS A FULL-TIME AFFAIR AND IDEALLY SHOULD BE FILLED BY A VIGOROUS MAN, JUST RETIRED, BEFORE HE GETS

INVOLVED WITH OTHER ACTIVITIES. HIS PRIMARY DUTIES ARE TO CO-ORDINATE THE RESPONSIBILITIES OF THE OTHER OFFICERS, KEEP ALL OF THEM WORKING IN HARMONY TOWARD A COMMON OBJECTIVE.

VICE-PRESIDENT. THIS SHOULD BE FILLED PREFERABLY BY A MAN WHO POTENTIALLY HAS FULL-TIME AVAILABLE SO THAT HE CAN INSTANTLY SUCCEED THE PRESIDENT. (WE REFER THE IGNORANT TO THE ACTUARIAL STATISTICS OF OUR AGE BRACKET.) IDEALLY THE VICE-PRESIDENT'S JOB SHOULD BE TO ORGANIZE AND SUPERVISE ALL MEMBER-GETTING ACTIVITIES. THIS WILL BRING HIM IN TOUCH WITH ALL AREAS AND "CONDITION" HIM FOR THE PRESIDENCY.

SPARK GAP TIMES EDITOR. THIS ALSO IS A FULL-TIME JOB. NEEDED HERE IS A MAN WHO COMBINES EDITORIAL FLAIR WITH BUSINESS ACUMEN AND WHO WILL UNDERTAKE TO BOOST THE CIRCULATION TO 10,000 IN FIVE YEARS. THIS ACHIEVED, THE ADVERTISING REVENUE OBTAINABLE WILL PERMIT A NOMINAL SUBSCRIPTION RATE TO ALL MEMBERS AND TURN RED INK TO BLACK. PUBLISHING SGT AT A CONTINUED LOSS DOES NOTHING TO PROMOTE THE FUTURE OF THE CLUB. WITHOUT SGT THE CLUB WOULD PROMPTLY FALL ON ITS FACE.

SECRETARY-TREASURER. THIS JOB ALREADY DEMANDS OVER 30 HOURS PER WEEK. BY YEAR'S END IT WILL BE FULL-TIME. THE DUTIES ARE OBVIOUS -- TO ANSWER LETTERS, PROCESS APPLICATIONS, RECEIVE AND ACCOUNT FOR ALL MONEY. AT THIS STAGE NOTHING IS GAINED BY SEPARATING THE JOBS UNLESS THE TWO OPERATIONS ARE CONDUCTED UNDER THE SAME ROOF.

ALL OFFICERS ARE CURRENTLY WORKING WITHOUT COMPENSATION - SOME OF THE DONATING EXPENSES IN ADDITION. THIS CANNOT GO ON INDEFINITELY. HERE IS THE FIRST BIG PROBLEM FOR THE NEW DIRECTORS TO STUDY. WITH THE GROWTH OF THE CLUB SOME SOLUTION COMPATIBLE WITH INCOME MUST BE FOUND. IF THERE IS NO GROWTH, NO SOLUTION IS NECESSARY. THE CHOICE IS BETWEEN GROWTH AND COLLAPSE.

FINALLY, NO FUTURE WORTHY OF THE NAME IS POSSIBLE, UNLESS THE CLUB HAS A MISSION. IT MUST BE A MISSION ATTAINABLE DESPITE THE AGE, INFIRMITIES AND LIMITATIONS OF OUR AVERAGE MEMBER. SINCE IT WAS WE WHO PIONEERED AMATEUR RADIO WHAT MORE OBVIOUS MISSION THAN TO PROMOTE AND EXPLAIN THE UNLIMITED

THE OOTC, "ITS FUTURE, IF ANY" CONT'D

POSSIBILITIES OF RADIO AND ELECTRONICS AMONG THE YOUNG - BOYS AND GIRLS OF PRE-COLLEGE AGE. NONE OF US SHOULD BE EXPECTED TO FORMULATE LECTURES OR SPEECHES AND DELIVER THEM PERSONALLY. MOST OF US, HOWEVER, CAN OPERATE A TAPE RECORDER, A SLIDE PROJECTOR, OR BOTH. MOST OF US COULD CONDUCT A QUESTION AND ANSWER PERIOD TO A REASONABLE EXTENT.

EQUIPPED WITH A PRE-TOLD STORY WHICH INCLUDES NO COMMERCIAL OVERTONES OR "PLUGS" AND FAVORS NO ORGANIZED AMATEUR RADIO INTEREST OVER ANOTHER, EACH OF US WOULD BE WELCOMED IN HIS OWN LOCALITY. NO TELLING HOW MANY YOUNGSTERS WE MIGHT SO STEER INTO A REWARDING CAREER; NO TELLING HOW MANY MORE WE MIGHT GUIDE INTELLIGENTLY INTO AMATEUR RADIO ITSELF AND NO TELLING THE IMPACT OF ALL HIS, HOWEVER SLIGHT, ON JUVENILE DELINQUENCY. THIS IS A MISSION THAT WOULD BE

SELF-PERPETUATING, TO CONTINUE LONG AFTER OUR GRANDCHILDREN HAVE BECOME SILENT KEYS.

HERE ALSO IS A PROJECT FOR OUR DIRECTORS TO GRAPPLE WITH, TO PLAN IT OUT FROM ITS INFANCY STAGES TO FULL MATURITY AND ALL CONSISTENT WITH THE GROWTH AND INCOME OF THE CLUB.

IF THIS SEEMS LIKE A CRITICAL ARTICLE IT IS INTENDED TO BE. SELF-CRITICISM IS HEALTHY. NO CRITICISM OF COURSE IS DIRECTED TOWARD THOSE PRESENT OFFICERS AND HELPERS WHO ARE ALREADY PERFORMING FAR BEYOND THE CALLS OF NORMAL DUTY. RATHER, THE CRITICISM SHOULD HAVE ITS IMPACT ON THOSE OF US WHO HAVE TALENTS AND SKILLS LYING FALLOW AND WHOSE VISION INCLINES TO THE PAST RATHER THAN TO THE FUTURE. LET SOME OF THESE NOW COME FORWARD LEST OOTC LEAVE A FLOP IN LIEU OF A HERITAGE.

— W1PS



THIS IS THE 600 WATT, NATIONAL TRANSMITTER MADE IN A GLASS CASE, ESPECIALLY FOR THE FAIR. THE RECEIVER, USED WITH THIS TRANSMITTER WAS AN HRO-SIXTY. THEY WERE USED ON 20 METER PHONE. SOMETIMES WE HAD UNLICENSED VISITORS, WHO WISHED THEY COULD TALK TO FRIENDS AT HOME, AS THIS PRETTY LADY IS DOING. IN ORDER TO MAKE SUCH OPERATION LEGAL, AN OPERATOR WITH A SUITABLE LICENSE, THREW THE SWITCHES AND MONITORED THE PROCEEDINGS, AS BERT UTHE, W2JZO, IS DOING.



AMATEUR RADIO GOT A BIG BOOST IN NEW ORLEANS, LA., WHEN MAYOR VICTOR H. SCHIRO PROCLAIMED "AMATEUR RADIO WEEK". THIS SCENE WAS IN THE MAYOR'S PARLORS IN CITY HALL, THE DATE AND TIME WAS MONDAY, JUNE 14, 1965, 10:15 A.M. AT THE DESK, MAYOR VICTOR H. SCHIRO; LEFT TO RIGHT, ANTWRIGHT, W5LHS; DUTREIL, W4DU; HAMMOND, K5GGY; LOU GALLO, W5AU; DUTEL, W5NZ; VINCE FERTITTA, W5LE; JOE AVERNA, W5DP; ARCENEUX, K5SGK; JOE UHALT, W5NO; ROY ALCIATORE, W5RU; AND PHIL SPENCE, DELTA DIVISION DIRECTOR, ARRL. PRESENT BUT TOO LATE FOR THE PICTURE WAS ED CHRISTY, W5LA. AFTER THE PICTURE THE GROUP WENT TO THE ROYAL ORLEANS HOTEL FOR REFRESHMENT AFTER WHICH ROY ALCIATORE INVITED THEM TO HAVE LUNCH AT HIS FAMOUS RESTAURANT, "ANTOINE'S".

"FROM THE SOO TO THE PANAMA CANAL BY CAR"

BY: HAROLD J. BURHOP, W8ZL

WE LEFT SAULT STE. MARIE, MICHIGAN IN SEPTEMBER, WENT TO THE SUGAR CREEK, OHIO SWISS FESTIVAL, THEN TO FORSYTH, MO. AND THE OZARK ARTS AND CRAFTS FAIR IN BRANSON. NEXT TO LUBBOCK, TEXAS AND THE VERY INTERESTING PRAIRIE DOG VILLAGE WHICH HAS BEEN MADE A STATE PARK. THEN TO CARLSBAD, N.M. AND THE BEAUTIFUL CAVERNS, ALSO A TRIP DOWN INTO A POTASH MINE. THEN RUGGED BIG BEND NATIONAL PARK ON THE RIO GRANDE IN TEXAS.

WHEN THE WALLY BYAM CARAVANS ANNOUNCED A TOUR TO PANAMA, WHICH IT WAS SAID WOULD BE VERY ROUGH AND RUGGED AND WOULD LAST 4 MONTHS, WE SIGNED UP. THE RENDEZVOUS WAS AT LAREDO, TEXAS, AND LATE IN JANUARY WE CROSSED THE BORDER AND HEADED SOUTH THRU MEXICO. AS ON OUR FOUR PREVIOUS TOURS THRU MEXICO, THE CARAVAN STOPPED OVERNIGHT AT SMALL PLACES, SEVERAL DAYS AT LARGER PLACES, AND 5 TO 8 DAYS IN MAJOR CITIES. INTERESTING PROGRAMS, ENTERTAINMENT AND TOURS WERE ARRANGED AT ALL PLACES OF INTEREST. WE WENT THRU SALTILLO, QUERETERO WITH ITS GREAT AQUEDUCTS, MEXICO CITY AND THE WONDERFUL FOLKLORIC BALLET, GREAT AZTEC PYRAMIDS, NATIONAL PALACE, HUGE METROPOLITAN CATHEDRAL AND OTHER POINTS OF INTEREST, OAXACA AND THE VERY INTERESTING MONTE ALBIN PYRAMIDS AND RUINS ON A MOUNTAIN TOP, THE MITLA RUINS WITH THEIR HUGE COLUMNS AND ELABORATE CUT-STONE WORK. THEN SOUTH ON THE RUTA PACIFICA THRU ARRIAGA AND TAPACHULA TO THE GUATEMALAN BORDER.

OUR ADVANCE MAN HAD COLLECTED ALL OF OUR PASSPORTS, PACKED THEM CAREFULLY ARRANGED IN A SUITCASE, AND WENT AHEAD. AS A RESULT, THOUGH WE VISITED SEVEN COUNTRIES, WE WERE ABLE TO CROSS THE BORDERS WITHOUT DELAY, OFTEN WITHOUT EVEN STOPPING. IN GUATEMALA CITY WE WERE PARKED AT THE RACE TRACK, AND ONE EVENING THE FOLKLORIC DANCERS PUT ON A PROGRAM FOR US ON A STAGE QUICKLY ERECTED IN FRONT OF THE GRAND STAND. THESE WERE, JUST AS ALWAYS IN LATIN AMERICA, AUTHENTIC INDIAN DANCES. ONE, CALLED SACRIFICE, DEPICTED THE ANCIENT RITUAL OF SACRIFICING A MAIDEN, WHEREIN A DANCER SIMULATES STABBING AND REMOVING THE HEART (WHICH I THINK WAS MADE OF RED PAPER). AT ANY RATE, IT WAS SO VERY REALISTIC THAT A LADY CARAVANNER IN THE ROW AHEAD OF US SCREAMED AND FAINTED CLEAR AWAY. HERE WE ALSO WENT TO

NEIGHBORING ANTICUA AND WENT THRU SOME OF THE CHURCHES LYING IN RUINS AS A RESULT OF AN EARTHQUAKE. BEAUTIFUL GUATEMALAN MAYA-QUICHE INDIAN FABRICS ARE WOVEN IN NEARBY VILLAGES AND SOLD HERE. WE ALSO VISITED THE GREAT MAYAN RUINS AT TIKAL, IN THE JUNGLES OF EL PETEN. THERE ARE NO ROADS - IT IS ACCESSIBLE ONLY BY AIR. SO WE CHARTERED TWO DC-3'S AND 48 OF US FLEW OVER. THE 1½ HOUR FLIGHT WAS ENTIRELY OVER MOUNTAINS AND THE JUNGLE. TIKAL WAS OCCUPIED FOR 2,000 YEARS AND ABANDONED ABOUT 1,000 YEARS AGO. IT COVERED 6 SQUARE MILES AND HAS MANY PYRAMIDS, SOME 200' TALL. IT HAD BECOME ALMOST COVERED BY THE JUNGLE, AND THE UNIV. OF PA. IS UNCOVERING AND RESTORING. SOME TREES WERE 150' HIGH, AND THERE WERE MAHOGANY, KAPOK, CHICLE, RUBBER, PALMS AND ORCHIDS. HUNDREDS OF STELLAS HAD BEEN UNCOVERED. THESE ARE HUGE STONES WITH CARVED FIGURES AND GLYPHS. AS WE WERE LEAVING THE AREA IT WAS UNCANNY TO SEE THE HUGE STRUCTURES RISING ABOVE THE JUNGLE TREE TOPS.

NEXT LITTLE EL SALVADOR AND ITS CAPITAL SAN SALVADOR, WHERE WE WERE TREATED TO AN EXCELLENT BARBEQUE FEAST OF NATIVE FOODS. AN INTERESTING MARKET PLACE, A VISIT TO LOS CHORROS WITH 3 NATURAL SWIMMING POOLS FED BY MOUNTAIN SPRINGS, AND IZALCO PARK AT THE FOOT OF IZALCO VOLCANO. ON TO HONDURAS AND TEGUCIGALPA, NESTLED IN THE MOUNTAINS. THE PRESIDENT VISITED OUR CAMP AND TREATED US TO A BARBEQUE ON A MOUNTAIN TOP OVERLOOKING THE CITY. THEN TO NICARAGUA. AT MANAGUA WE WERE PARKED IN THE PRESIDENTIAL PARADE GROUNDS JUST BELOW THE PRESIDENT'S PALACE, WHICH IS UP ON A HIGH HILL. PRESIDENT RENE SCHICK INVITED US TO HIS PALACE, AND WE WERE SERVED CHAMPAGNE AND OTHER DRINKS, BLACK CAVIAR AND TID-BITS, ALL SHOOK HANDS WITH HIM AND EVEN HAD A NICE LITTLE CHAT, THE PRESIDENTIAL ORCHESTRA PLAYED AND HE DANCED WITH OUR LADIES, AND EVEN WHEELED A YOUNG LADY WHEEL CHAIR CARAVANNER AROUND THE DANCE FLOOR TO THE MUSIC - A REAL THRILL FOR HER. IT WAS AN INTERESTING EVENT FOR ALL OF US. WE VISITED MANY PLACES OF INTEREST, INCLUDING THE FOOTPRINTS OF ACAHUALINCA. THESE ARE FOOTPRINTS IN LAVA, NOW UNCOVERED AND IN A WALLED PIT, HAVING HAD 14' OF DIRT, ASH AND SILT OVER THEM. THEY WERE MADE OVER 2,000 YEARS AGO, AND ARE CLEAR PRINTS OF BARE FEET, ALL HEADING NORTH TOWARD LAKE MANAGUA TO ESCAPE THE LAVA OF ONE OF NICARAGUA'S 20 VOLCANOES.

FROM THE SOO TO THE PANAMA CONT'D

ON TO SAN JOSE, COSTA RICE. ON THE WAY WE SAW MANY OF THE HIGHLY PAINTED OX-CARTS. THEY ARE PAINTED WITH BEAUTIFUL DESIGNS, BY HAND, NO TWO ALIKE. ALSO A BUS TOUR TO VOLCAN IRAZU, THE GREAT VOLCANO WHICH SO OFTEN COVERS SAN JOSE WITH A LAYER OF ASH DUST. IT IS UP AT 11,322', VERY COLD, AND WE WALKED TO THE VERY BRINK OF THE CRATER AND LOOKED ALMOST STRAIGHT DOWN AND COULD SEE YELLOW SMOKE COMING OUT OF CREVICES. AN EERY SENSATION, AND NATIVE FRIENDS WE MADE FROWNED ON GOING SO CLOSE. CRAZY NORD AMERICANS. THEN THE TRIP SOUTH. HERE THE FUN BEGAN. 200 MILES OF ROUGH, RUGGED, MOUNTAIN ROAD OF BOULDERS, JAGGED AND SHARP ROCKS, LOOSE STONE, NARROW SPOTS, BAD CURVES, AND A PASS AT 11,450' CALLED CERRO DE LA MUERTE, WHICH MEANS MOUNTAIN OF THE DEATH. SOME GRADES WERE 28%. MANY AXLES WERE BROKEN AND RIMS SPLIT, SOME TRANSMISSIONS WENT OUT, SOME HAD TRUCKS HELP THEM. BUT - AND KNOCK ON WOOD - WE MADE IT WITHOUT MISHAP, THOUGH SEVERAL TIRES BLEW OUT DURING THE NEXT FEW DAYS. THE CARAVAN CABOOSE STOPS AND HELPS, DOESN'T PUT INTO CAMP UNTIL EVERYONE GETS THRU. WE STOPPED 12 HOURS WITH A FRIEND WHO BROKE AN AXLE. THE CABOOSE GOT THERE AT 11 PM, SET UP A GENERATOR, AND REPLACED THE AXLE. WE REACHED CAMP AT 4 AM. AT THE NEXT TWO STOPS WE PARKED UNDER PALM TREES, AT PALMAR SUR ON UNITED FRUIT CO. GOLF COURSE, WITH A SWIMMING POOL AVAILABLE AND PLENTY OF BANANAS AND OTHER TROPICAL FRUITS. A BLACK PANTHER RAN ACROSS THE ROAD JUST IN FRONT OF US; 5' IGUANAS, BIG LIZARDS BUT HARMLESS, ATE BLOSSOMS IN THE TREE ABOVE OUR TRAILER IN CAMP, SOME 50 MACAWS FLEW OVERHEAD DURING OUR MEETING, ORCHIDS, BROMILLIADS AND FLOWERING TREES EVERYWHERE.

PANAMA, AND PAVEMENT, FOR AWHILE. THEN ANOTHER 79 MILES OF ROUGH GRAVEL. BUT WE MADE PANAMA CITY AND THE CANAL. 143 TRAILERS STARTED. SOME LAYED OVER AT SAN JOSE, AND 15 SHIPPED THEIR OUTFITS BACK TO THE STATES FROM PANAMA BY BOAT RATHER THAN VENTURE IT AGAIN. BUT 95 OF US MADE THE ROUND TRIP, AND HAVE PIONEER PANAMA CARAVAN PLACQUES FOR OUR TRAILERS. PANAMA CITY A WONDERFUL CONDUCTED TRIP TO THE LOCKS AND ON THE CANAL BY LAUNCH, OLD PANAMA, A BOAT TRIP TO TABOGA ISLAND 12 MILES IN THE PACIFIC, AND A TRIP TO THE SAN BLAS ISLANDS AND PYGMY INDIANS 10 MILES OUT IN

CARRIBEAN. WE FLEW TO A LINDING STRIP NEAR THE COAST; WALKED 1-1/4 MILES THRU JUNGLE; THEN HAD INDIANS TAKE US IN DUGOUTS THRU CANALS TO THE COAST WHERE WE BOARDED A LAUNCH TO THE ISLANDS. THEY ARE PICTURE BOOK, SMALL, SANDY, PALM TREE FILLED ISLANDS. THE HOMES ARE MADE OF UPRIGHT BAMBOO POLES. THE INDIANS WEAR COLORFUL COSTUMES, MUCH GOLD NECKLACES, BRACELETS ON ALL WRISTS AND ANKLES, AND A THICK GOLD RING THRU THE NOSE. WOMEN AVERAGE 4'2" AND MEN 4'8" IN HEIGHT. IT WAS AN INTERESTING DAY.

THEN THE RETURN TRIP. OH, FOR THAT CERRO DE LA MUERTE, BUT WE MADE IT AGAIN. GOING BACK WE TOOK THE INTER-AMERICAN HIGHWAY, RATHER THAN THE RUTA PACIFICO, WHEREVER THERE WERE 2 ROADS AVAILABLE. THIS TOOK US TO A NUMBER OF INTERESTING PLACES WE HAD NOT SEEN ON THE WAY DOWN. WE SPENT THE EASTER HOLIDAYS IN QUETZALTENANGO, GUATEMALA. EASTER IS A FOUR-DAY HOLIDAY IN LATIN AMERICA, THURSDAY THRU SUNDAY, AND IT IS NOT ADVISABLE TO TRAVEL. THERE ARE PROCESSIONS DAILY FROM VARIOUS CHURCHES TO THE TOWN SQUARE OR PLAZE. THE COSTUMES AND CEREMONIES ARE COLORFUL. "PAINTINGS" OF EASTER RITUALS ARE MADE IN THE STREETS USING BRIGHT COLORED SAWDUST. HUGE "FLOATS" WITH LARGE IMAGES ARE CARRIED BY PEOPLE ON FOOT. THEN TO CHICHICASTENANGO WHERE THE MAYA-QUICHE INDIANS CELEBRATED EASTER. THEY WOULD SWING HUGE INCENSE BURNERS ON THE CHURCH STEPS UNTIL THE AIR BECAME SMOKE FILLED. WE ENTERED THE CHURCH THRU A SIDE DOOR AND WERE ABLE TO SEE THEM KNEEL, LIGHT A SMALL CANDLE, AND PLACE IT IN A RECTANGULAR FRAME ALONGSIDE HUNDREDS OF OTHER BURNING CANDLES. THE ENTIRE LENGTH OF SANTO TOMAS CHURCH WAS FILLED WITH CANDLES. NEXT TO HUEHUETENANGO WHERE WE VISITED ANOTHER INTERESTING MAYAN RUINS.

SHORTLY AFTER CROSSING INTO THE STATE OF CHIAPAS IN MEXICO, WE MADE A SIDE TRIP INTO SAN CRISTOBAL LOS CASAS, WHERE INDIANS FROM A NUMBER OF DIFFERENT TRIBES MAY BE SEEN IN THE MARKET PLACE. THE COSTUMES ARE MOST CHARACTERISTIC AND ONE SOON RECOGNIZES THE TRIBE BY THE DRESS. QUITE TYPICAL ARE THE STRAW SOMBREROS WITH THEIR WIDE BRIMS AND VERY SHALLOW CROWNS, AND COLORED RIBBONS HANGING FROM THE HAT. IF THE RIBBONS ARE TIED THE MAN IS MARRIED, IF UNTIED HE IS SINGLE. AT IXTEPEC WE WERE ENTERTAINED BY A LARGE DANCE GROUP IN GORGEOUS COLORFUL COSTUMES. HERE THE GOLD COIN NECKLACE IS TYPICAL, AND WE WERE PERMITTED TO EXAMINE AND PHOTOGRAPH THE MAYOR'S DAUGHTER, WEARING A

FROM THE SOO TO THE PANAMA CONT'D

DRESS COSTING OVER \$600, AND A NECKLACE MADE OF U.S. GOLD COINS, WHICH ONE CARAVANNER QUICKLY COUNTED AS HAVING A FACE VALUE IN EXCESS OF \$3,000. AT VERA CRUZE WE TOOK THE DELIGHTFUL BOAT TOUR TO SACRIFICE ISLAND IN THE GULF OF MEXICO, AND AROUND THE HARBOR. AT CASTILLO DE SAN JUAN DE ULUA THEY SHOWED US THE TORTURE CHAMBERS OF THIS OLD FORT WHICH THE SPANIARDS USED AS A PRISON. IRON RINGS TO HOLD A PRISONER'S WRISTS HIGH UP AGAINST THE ROCK WALL, WHILE WATER SEEPING THRU THE STONE CEILING DRIPPED ON HIS HEAD; OPENINGS IN THE WALL WHERE PRISONERS WERE SEALED IN TO DIE; ABSOLUTELY DARK SOLITARY CONFINEMENT CHAMBER TOO SHALLOW TO ALLOW STANDING UP; SHARK INFESTED MOATS. THEN AT PUEBLA THE FAMOUS TALAVERA TILE FACTORY, THE SECRET CONVENT, AND NEARBY AT CHOLULA THE COLORED TILE CHURCH FRONT AND THE COPA DE ORO CHAMPAIGN CIDER FACTORY WITH GENEROUS SAMPLES. AT TAMPICO ORCHID PLANTS WITH BLOOMS AT 2 PESOS (16¢). THEN VICTORIA AND BACK INTO THE U.S. AT EAGLE PASS, TEXAS IN MAY, AND OUR WONDERFUL FARE-

WELL BANQUET AND PROGRAM.

A VISIT TO THE ALAMO IN SAN ANTONIO AND A LEISURELY TRIP BACK TO SAULT STE. MARIE, MICH. IN JUNE. WE SPEND THE 3 SUMMER MONTHS HERE. OUR TRIP HAD RUN 9 MONTHS AND 18,000 MILES. OUR AIRSTREAM, A 28' COMPLETELY SELF-CONTAINED JOB, HAD NOW BEEN PULLED 86,000 MILES IN THE 4½ YEARS SINCE WE RETIRED. WE CARRY THE KWM-2 AND WEBSTER BAND-SPANNER WHIP ALONG AND GO ON THE AIR JUST ABOUT WHEREVER WE STOP IN THE U.S. BUT NOT SOUTH OF THE BORDER. WE HAVE STOPPED AT MOST OF OUR NATIONAL PARKS, MADE 4 CARAVAN TOURS OF MEXICO AND 1 TO THE PANAMA CANAL. A MEXICO-GUATEMALA CARAVAN HAS JUST BEEN ANNOUNCED FOR NEXT MARCH TO MAY; WE'LL PROBABLY BE ON IT.

THESE ARE JUST A FEW HIGHLIGHTS OF OUR TRIP. THE 4 MONTHS IN MEXICO AND CENTRAL AMERICAN HAD SOME THRILLING EXPERIENCES EVERY DAY - THE BEAUTIFUL CATHEDRALS, THE ENTERTAINMENT, MARIOCHI AND MARIMBA BANDS, FASCINATING MARKETS, MANY RUINS, SPECTACULAR SCENRY, FRIENDLY AND INTERESTING PEOPLE. HACIENDO AMIGOS WAS OUR SLOGAN, AND IT CERTAINLY MADE FRIENDS.

CQD CQD CQD -- W5RIH W5RIH

TO THOSE INTERESTED IN OOTC NETS

WE HAVE IN THE PAST SET UP NET SCHEDULES AND PRINTED SAME IN SGT AND ASKED OOTC MEMBERS TO EXPRESS THEIR OPINIONS AS TO ANY CHANGES OR ADDITIONS. TO DATE THE REPLIES HAVE BEEN A BIG ZERO.

ANYONE WHO HAS IDEAS EITHER FOR LOCAL NETS OR COUNTRY WIDE NETS I WOULD APPRECIATE HEARING FROM YOU. IN THE MEANTIME UNTIL FURTHER NOTICE, THIS STATION WILL RESUME CALLING OOTC FOR PARTICIPATION ON THE FOLLOWING FREQUENCIES AND TIMES:

SSB-14295Kc (PLUS OR MINUS) 1800Z DAILY EXCEPT SUNDAYS.

CW - 7035 Kc (PLUS OR MINUS) 0100Z (GMT) DAILY EXCEPT SUNDAYS.

LET'S GET GOING, WE CAN CUSS AND DISCUSS THE NET PROBLEMS ON THESE NETS.

R. E. ARMSTRONG, W5RIH
NET MANAGER OOTC
511 CHERRY RIDGE DRIVE
SAN ANTONIO, TEXAS 78213



OOTC MEMBERS AT A.W.A. MUSEUM (LEFT TO RIGHT): W2SAW, W3LVP, K2WW (W2CTA), W8HR, W2BGN, AND W2QY.

QSO's LEAD TO—MORE QSO's

ONCE UPON A LONG, LONG TIME AGO A NEWLY LICENSED YOUNG SQUIRT, 8BGN, PREPARED FOR A FIRST QSO. TURN UP THE RHEOSTAT SO THE UV200 WAS JUST UNDER THE HISS POINT, MOVE THE TICKLER IN WHERE JUST A WHISPER OF NOISE APPEARED AND SWING THE SECONDARY CONDENSER SLOWLY ACROSS THE FIRST FEW DIVISIONS OF THE DIAL. A FEW CRASHES OF STATIC AND THERE WAS SOMEBODY QSA ENOUGH SO HE COULDN'T MISS THE SIG FROM AN UNCERTAINLY TUNED XMTR. IT WAS 8BHM IN CANANDAIGUA, N.Y. WORKING SOMEONE FARTHER EAST, ON APPROXIMATELY 170 MTRS.

NOW FIRE UP THE 203 TO A BRIGHT GLOW, 10 VOLTS FIL. PUSH THE KEY AND WITH A LOW HUM THE PLATE MILS JUMPED TO 100 AND THE ANTENNA METER SLOWLY SWUNG UP TO 3.5 AMPS. ADJUST THE GRID AND ANTENNA CLIPS SO THE PLATE CURRENT WAS 150 MILS AND A BRIGHT RED SPOT SHOWED IN THE MIDDLE OF THE PLATE.

THE ANTENNA CURRENT NOW SWUNG TO 5 AMPS. DON'T HOLD THE KEY DOWN TOO LONG THO! THAT OUGHT TO DO IT - HE COULDN'T POSSIBLY MISS THE SIG IF HE TUNED AROUND.

8BHM FINISHED UP AND AFTER A SHORT, BREATHLESS SLOW CALL HE CAME RIGHT BACK AND SAID "HR MSG, QSP?" Wow! THIS IS PRETTY ROUGH FOR THE FIRST QSO! HE MUST HAVE SENSED THIS IN THE TREMBLING REPLY AND "GA", FOR HE SLOWED DOWN AND MADE IT POSSIBLE TO COPY IT SOLID. THEN DURING THE ACKNOWLEDGEMENT CAME THAT THIRTY DOLLAR FEELING. THE RED HOT SPOT WAS TOO MUCH FOR THE 203 AND SHE BLUSHED BLUE AND PURPLE WITH GAS AND CLOUDED UP AND QUIETLY EXPIRED RIGHT IN THE MIDDLE OF THE QSL. WE SWAPPED CARDS AND THE MSG WAS MAILED ONWARD, HOWEVER.

8BGN HAD LEARNED THE HARD WAY THAT YOU START OUT WITH A 202 AND THEN SAVE THE



ROB-ROY, W8HR (OOTC), AND BRUCE, W2ICE (AWA), PAUSE FOR A PHOTO IN AWA MUSEUM. TO THE RIGHT ONE CAN SEE A WW1 MARCONI QUENCH SPARK GAP TRANSMITTER WHICH WAS PRESENTED TO AWA BY US COAST GUARD. KELLEY IS LEANING ON A MARCONI 106 RECEIVER AND IMMEDIATELY OVER HIS HEAD CAN BE SEEN HUGE CONDENSER FROM OLD MARCONI STATION AT MARION, MASS. BEHIND ROB IS A MARCONI MAGNETIC DETECTOR AND ABOVE HIM ONE CAN JUST SEE PART OF A LEYDEN JAR RACK REMOVED FROM A VERY EARLY SH ORE INSTALLATION.

QSO'S LEAD TO MORE QSO'S CONT'D

PENNIES FOR A 203 AFTER LEARNING WHAT IT'S ALL ABOUT. QSO'ED 8BHM MANY TIMES AFTER THAT ON A 5 WATTER AND LATER ON A 50 AND FINALLY HE DISAPPEARED FROM THIS AREA IN THE EARLY 30'S.

LONG, LONG AFTER THIS; 8BGN, NOW W2BGN, MADE DUE APPLICATION FOR MEMBERSHIP IN THE OOTC. LO AND BEHOLD, AFTER A COUPLE OF WEEKS ALONG COMES A LETTER FROM OLD 8BHM, NOW ROB ROY OF W8HR, YOUR PUBLISHER AND ED OF THE BLUE BOOK. WHAT A SURPRISE AND PLEASURE!

WE SWAPPED MANY LETTERS AND LEARNED THAT HE GOES THRU HERE ON THE WAY TO NOVA SCOTIA EACH YEAR AND HE LEARNED ABOUT THE AWA MUSEUM IN HOLCOMB, N.Y. TWO AND TWO BEGAN TO ADD UP TO 3.999 AGAIN AND MORE. NYS THRUWAY

EXIT 44 IS NEAR HOLCOMB, AWA MUSEUM, W2BGN, AND A LOT OF OTHER OLD FRIENDS OF ROB ROY. A CALL TO BRUCE KELLEY AT THE AWA MUSEUM PINNED DOWN THE VISIT DATE OF JULY 6 WHEN ROB ROY WOULD GO THRU AND WHY NOT MAKE IT A DINNER EVENT ALSO SINCE HIS XYL WOULD BE ALONG. A DINNER EVENT, INDEED, WHY NOT MAKE IT AN AREA OOTC DINNER AS WELL. WE GOT ON THE FONE AND ROUNDED UP ALL THE AREA OOT'S AND THEIR WIVES AND A FEW OLD FRIENDS FOR A GALA NIGHT AT THE HALLOWAY HOUSE IN EAST BLOOMFIELD NEAR THE MUSEUM.

WE SAT OVER COCKTAILS AND SWAPPED STORIES AND REMENISCED AS THE GUESTS ARRIVED AND ROB ROY'S GRIN GREW WIDER AND WIDER AS EACH OLD TIMER ARRIVED. BY DINNER TIME IT WAS SO WIDE YOU COULD HAVE SLIPPED IN THE WHEEL OF A ROTARY GAP AND HIS EYES GLOWED LIKE THE FIRE-BALLS AT THE ELECTRODES. A MOST DELIGHTFUL

Spark-Gap Times

PAGE 28

OCTOBER 1965

QSO'S LEAD TO MORE QSO'S CONT'D

DINNER! WITH DESERT, BRUCE, AS MC, INTRODUCED OOTC, GEORGE BATTERSON (ALSO AWA PRES) FOR A WORD OF WELCOME AND ROB ROY FOLLOWED WITH A FEW STORIES OF THE PAST.

OOTC MEMBERS PRESENT:

MR. & MRS. ROB ROY, W8HR
GEORGE BATTERSON, W2GB
CHUCK BRELSFORD, W2CTA
MR. & MRS. LINC CUNDALL, W2QY
MR. & MRS. SAX RINGLER, W2SAW
KEN DIEVENDORF, W3LVP

OTHERS PRESENT:

MR. & MRS. BRUCE KELLEY, W2ICE
E. O. SEILER, W2EB
MR. & MRS. GEORGE POPWELL, EX8

THE XYL'S ADJOURNED TO MRS. KELLEY'S LIVING ROOM WHILE THE OM'S WENT OUT TO THE

BARN TO FONDLE THE OLD GREBE DIALS, THROW THE SWITCHES ON THE 2 KW QUENCHED GAP SET, RUB THE FINE RESTORED FINISH ON THE OLD MARCONI TUNERS AND GAZE AT THE WONDERFUL COLLECTION OF TUBES. WE LEANED ON THE COUNTER OF THE 1920 RADIO STORE AND AGAIN EXPERIENCED THE THRILL OF BUYING OUR FIRST CRYSTAL DETECTOR OF BRANDES FONES. THOSE WITH CASH COULD HAVE BOUGHT COMPLETE DEFOREST OUTFITS OR PARAGON RA10'S AND ENOUGH 14 COPPER TO SATISFY ANY DREAM OF A BIG FLAT TOP IN THOSE DAYS.

UPSTAIRS IS THE OLD TIME HAM STATION WITH THE 1 KW ROTARY SPARK THAT USED TO SIGN 8TC. IT'S OPERATING AND SUPPLIES THAT WONDERFUL OZONE SMELL (AND TVI FOR A MILE AROUND).

ROB ROY ALMOST POPPED HIS TEETH OVER THE CORE AND COILS OF THE OLD CANANDAIGUA ACADEMY SPARK COIL SET. GET HIM TO TELL YOU SOME STORIES ON THE OOTC ROUNDTABLE NET. HE'S ONE GREAT GUY.

— W2BGN



AFTER WE GOT ROLLING AS W2USA, OSCAR OEHMAN, W2KU, PROVED TO BE ONE OF OUR GREATEST ASSETS. HERE HE IS, IN HIS GLORY, JUST KEEPING THINGS GOING ON AN EVEN KEEL. AS CHIEF ENGINEER, SUPERVISOR MOST GENIAL HOST, HE WAS ALWAYS ON THE JOB. IN THE FOREGROUND IS JOE MEDITZ, W2CKO, WHO WAS VERY ACTIVE, ESPECIALLY ON THE FORTY TRAFFIC SYSTEM, WHERE HE IS SLINGING A WICKED BUG HERE. SORRY, BUT I DON'T RECALL THE FINE LOOKING GENT IN THE CENTER!

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.

* * * * *

PRESIDENT & ACTING EDITOR SGT
C. BERTRAM OSBORNE, W4MF
1608 HIXSON PIKE
CHATTANOOGA, TENN. 37405

HISTORIAN
EDW. G. RASER, W2ZI
19 BLACKWOOD DRIVE
TRENTON 8, N.J.

NET MANAGER
ROY E. ARMSTRONG, W5RIH
511 CHERRY RIDGE DRIVE
SAN ANTONIO, TEXAS 78213

VICE PRESIDENT &
AWARDS CHAIRMAN
JACK DUNN, W6WPF
18123 MARILLA STREET
NORTHRIDGE, CALIF.

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

BLUE BOOK EDITOR & PUBLISHER
CLARENCE R. ROY, W8HR
P. O. Box 43 STN. B
CANTON, OHIO - 44706

SECRETARY-TREASURER
EUNICE R. THOMPSON,
W1MPP
CHRISTIAN HILL ROAD
LOVELL, MAINE

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

HONORABLE FOUNDER
HUBERT E. INGALLS, W1NQG
RFD
EPPING, N.H.

* * * * *

FIRST 13 ORIGINAL MEMBERS

#1	HUBERT E. INGALLS	W1NQG	#9	H. W. LIPPINCOTT	W2DH
	HONORABLE FOUNDER		#10	ERIC LEAVENS	W2OUS*
#2	IRVING VERMILYA	WIZE*	#11	LEWIS SPRINGER	W2ENX*
#3	ROLAND BOURNE	WIANA	#12	LELAND K. SWART	W2RBH
#4	JOHN E. WILKINSON	WITK	#13	CHAS. W. WEBBER	W3CC
#6	FRANKLIN STANDISH	WIJZU*	#14	ROBT. S. FENIMORE	W4TY
#7	ARTHUR A. STOCKELLBURG	WISS			
#8	CLARENCE PFEIFER	W2FG			

* — SILENT KEY

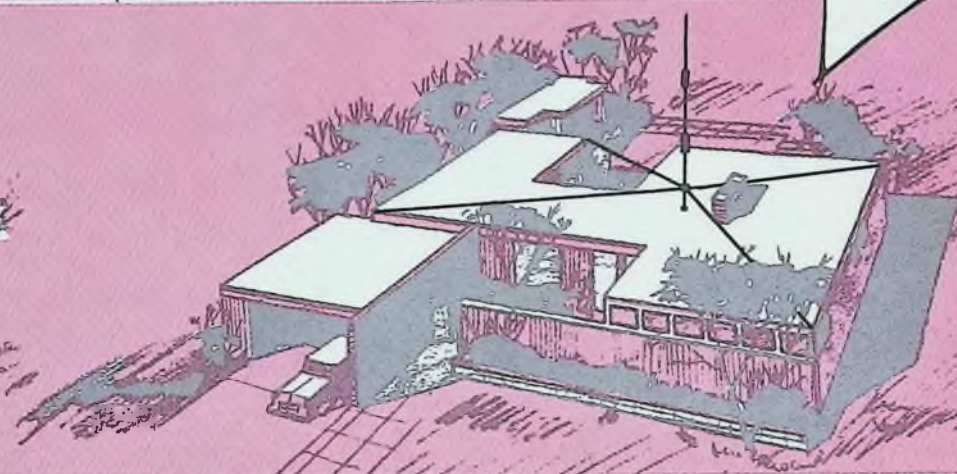
EARL E. CLINE, SR., W4PPZ
PRESIDENT EMERITUS
* — SILENT KEY

100	LETTERHEADS	-----	\$2.00
200	GUMMED STAMPS (WITH OLD OLD TIMERS SEAL)	-----	\$1.00*
	LAPEL PINS (EITHER PIN TYPE OR LAPEL PIN)	-----	\$2.00
	OLD OLD TIMERS CLUB "BLUE BOOK" --- FIRST ONE ONLY	-----	\$3.00
	NON-MEMBERS AND AFTER THE FIRST ONE TO MEMBERS	-----	\$5.00
	REPRODUCTION OF 1913 GOVERNMENT CALL BOOK	-----	\$2.00
	SUPPLEMENT (SET)	-----	\$3.00
	AWARD CERTIFICATE	-----	\$1.00
	1909, 1910 AND 1911 E.I. COMPANY AND MODERN ELECTRICS CALL BOOK (SET)	-----	\$3.00

SEND ALL ORDERS TO THE SECRETARY-TREASURER, EUNICE R. THOMPSON, W1MPP, CHRISTIAN HILL ROAD, LOVELL, MAINE.

*SEND SELF-ADDRESSED ENVELOPE WITH 10¢ IN STAMPS WITH ORDER FOR GUMMED STAMPS.

NEW mosley roof mounting antenna



Mosley engineers have developed a self-supporting roof mounting vertical antenna. This antenna (RV-4) can be mounted on the ground or on any roof. The RV-4 operates as a quarter wave vertical antenna on 10, 15, 20 and 40 meters. The RV-4 features the Mosley slim line "Trap-Master" traps that have earned user acclaim through daily use in tens of thousands of installations throughout the world. These weather proof traps are of high-quality design, wound on grooved, high impact polystyrene forms to maintain resonant points under wide variations of temperature and humidity. The RV-4 vertical antenna is heavy duty built in every detail to meet exacting commercial standards. Element end is weather sealed with a molded cap. The exclusive Mosley base insulator assembly is constructed of "Cycloc" and heavy gauge steel for rugged durability. Mosley RV-4 is an optimum performing, automatic band switching antenna, that is completely factory pre-tuned to maintain low SWR over entire range.

The RV-4RK Kit for roof mounting includes radial wire, mast and hinged mounting. No radials required for ground mounting if a good ground connection can be provided within a few inches of the antenna base. Antenna rated at 750 watts on AM phone, 1000 watts CW and 2000 watts P. E. P. on SSB, input to final amplifier. Uses single 52 ohm coax line. Antenna height 20' 8-5/8" above insulator, with roof mount 25' 2-5/8". Weight of antenna 10 lbs., with roof mount 14½ lbs.

ANTENNA MODEL RV-4.....AMATEUR NET 30.42
ROOF MOUNT MODEL RV-4RK.....AMATEUR NET 16.77

Mosley Electronics, Inc.

In request of further information write for literature code 14.

4610 N. Lindbergh Blvd. Bridgeton, Mo. 63044