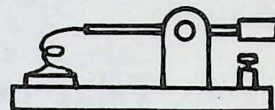
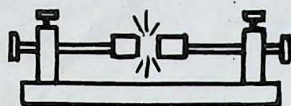


Spark-Gap Times

Published By

The Old Old Timers Club



NUMBER 11 PAGE 1

CHATTANOOGA 11, TENN.

1 OCTOBER, 1962

TIME FOR ANOTHER ISSUE OF SPARK-GAP TIMES AND YE OLDE COPPY BOYE IS ABOUT TWO WEEKS LATE IN GETTING IT ON THE ROAD. THE OLD AIR PUMP HAS SHOWN A LITTLE RELUCTANCE AND THAT TOGETHER WITH THE HOT WEATHER, PAINTING THE HOUSE AND A BALKY RECEIVER JUST LICKED SEEMS TO HAVE BEEN RESPONSIBLE FOR THE DELAY.

FOR THE FIRST ITEM, A LETTER FROM THE BLUE BOOK EDITOR AND PERTAINING MATERIAL WILL BE GIVEN AND FOLLOWS:

BLUEBOOK EDITOR ACKNOWLEDGES MISTAKE

LAST SPRING WHEN THE BLUEBOOK EDITOR SENT OUT HIS REQUEST FOR PICTURES AND BIOGRAPHIES, THERE WAS A DELUGE OF ANSWERS. AMONG THEM WAS A NEWSPAPER CLIPPING FROM THE SPRINGFIELD REPUBLICAN REGARDING FRANK CUSHING'S (WIAWW) AMATEUR STATION AND HIS DX EXPLOITS. THE DATE OF THIS ARTICLE WAS DECEMBER 7, 1924. SOMEHOW OR ANOTHER, THE EDITOR WHEN HE FILLED THIS ARTICLE, FILED IT WITH UNUSABLE PICTURES AND THERE IT STAYED UNTIL EARL WILLIAMS, W2EG, OUR SECRETARY WAS DOWN HERE IN CHATTANOOGA IN EARLY AUGUST ON A VISIT AND INQUIRED ABOUT FRANK'S CLIPPING. WHEN I WROTE UP FRANK'S BIOGRAPHY FOR THE BLUEBOOK, I HAD NOTHING MORE THAN CLINE'S (W4PPZ) ROSTER TO GO BY. IT SEEMED AS THOUGH THERE WAS SOMETHING I SHOULD HAVE ON FRANK, BUT I COULDN'T RECALL WHAT IT WAS.

AFTER EARL WILLIAM'S VISIT HERE I BEGAN A SYSTEMATIC SEARCH FOR THE CLIPPING AND TURNED IT UP. CLINE SUGGESTED THAT WE TRY IT OUT FOR REPRODUCTION AND IF SUCCESSFUL, HE WOULD INCLUDE IT IN SPARK-GAP TIMES. AT FIRST THE PHOTOGRAPHER WAS UNSUCCESSFUL BUT HAVING OBTAINED SOME NEW KNID OF FILM ASKED CLINE IF HE MIGHT TRY IT AGAIN WITH THE NEW FILM. THIS TIME THE PHOTOGRAPHER WAS VERY SUCCESSFUL AND THE REPRODUCTION WAS EXCELLENT.

SO, INCLUDED IN THIS ISSUE OF SPARK-GAP TIMES IS THE REPRODUCTION OF THE ARTICLE REGARDING FRANK'S EXPLOITS AS A DX'ER IN THE EARLY DAYS OF THE ART. MAYBE THIS WILL IN SOME SMALL WAY MAKE IT UP TO FRANK FOR THE SKIMPY BIOGRAPHY WHICH APPEARS IN THE BLUEBOOK. THIS ISN'T THE FIRST OR THE LAST ERROR THAT YOUR BLUEBOOK EDITOR HAS MADE OR WILL MAKE. MY APOLOGIES TO YOU FRANK.

BERT W4MF BLUEBOOK EDITOR.

THE FOLLOWING TWO PAGES ARE EXACT REPRODUCTIONS OF THE ABOVE REFERRED TO ARTICLE. IT IS BELIEVED THAT THIS MATERIAL WILL PROVE MOST INTERESTING AND LIKE ARTICLES AND NEWSPAPER ARTICLES WILL BE APPRECIATED FOR SPARK-GAP TIMES.

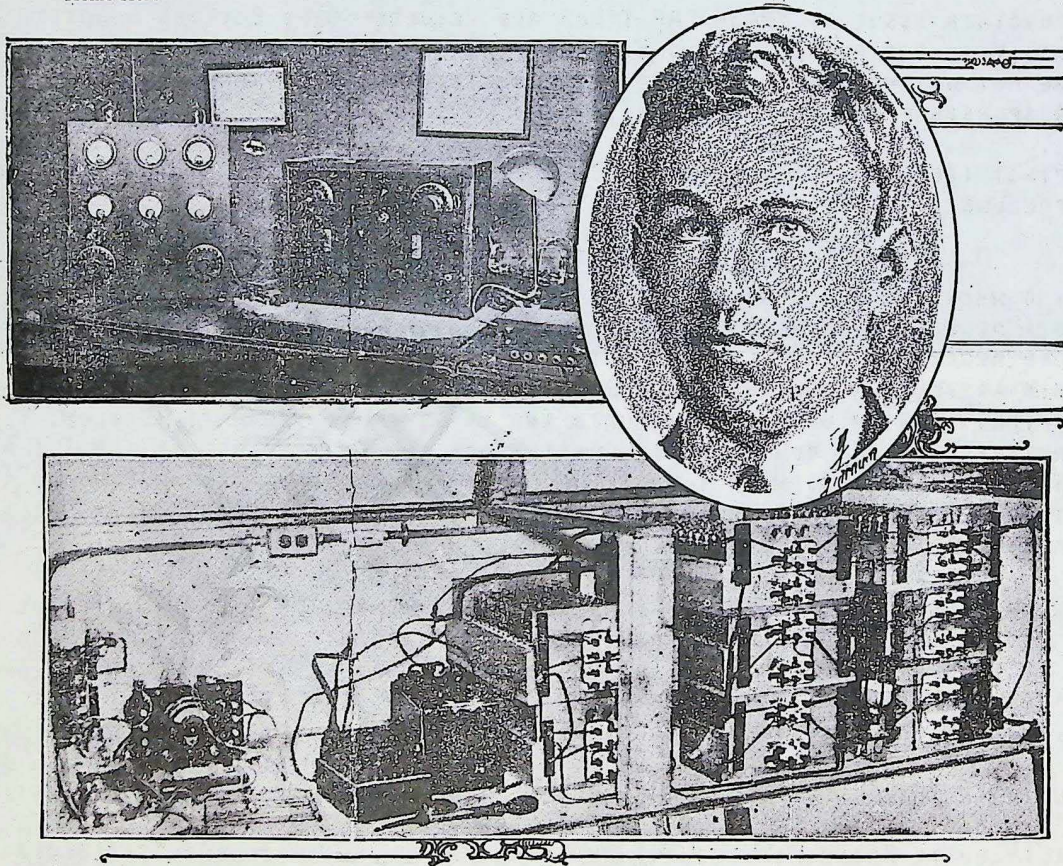
Springfield Republican

RADIO SECTION

SPRINGFIELD, MASS., SUNDAY, DECEMBER 7, 1924

Talks to England on Nightly Schedule in Dots and Dashes -- France, Italy and Pacific Coast in Easy Range of 1-AWW's Key

Springfield's Leading Amateur Station So Powerful That Neighborhood Crystal Sets Get "All Het Up" When It Operates—International Radio Common With Frank Cushing, Who Works With Foreign Countries as Easily and Quickly as One Talks Across the Street—Has Put City of Homes on Map as Surely as the Big Broadcasting Station Which Has Its Home Here



Above—Left, the transmitting set used by Frank Cushing at amateur station 1-AWW; right, the receiver which picks up foreign stations whenever they are on the air. Below—The 1200-volt battery system, handled by remote control switch on the instrument desk. Inset—Our artist's conception of T. Frank Cushing.

INTERNATIONAL broadcasting tests and their attendant thrills are not for the amateur radio operator and last week's big noise in trans-oceanic radio meant nothing to T. Frank Cushing of 78 College street, this city, and it is doubtful whether he even took the opportunity to listen in. Known to the radio fraternity as Frank, rather half-fellow-well-met, owner and operator of station 1-AWW, head of the American Radio Relay league for the district and one of the best-known amateur radio men in New England, Mr. Cushing can communicate with stations abroad almost at will—England, France, Italy, New Zealand and Australia all know the distinctive note, emitted by his transmitter and he is perhaps better known on the Pacific coast than any other amateur in the radio game in the East.

Short Waves Boon to Amateur

The short waves recently handed out for amateur use among the devotees of the dot and dash system have given a decided impetus to the sport of reaching out to other lands and interchange of messages is now of almost nightly occurrence between England and America, scores of men and boys utilizing the silent watches of the night to call up colleagues in England and the continent of Europe, not to speak of lands south of the equator. They are restricted to working among their own class everywhere and may not stray out of their own special wave lengths to call any commercial station or ship; though in case of extreme emergency the punishment would be probably waived if the emergency were extreme enough.

Commercial messages, too, are taboo, and the radio correspond-

Give a Thought To Your Battery

The best results can only be obtained from a radio set when both the A and B batteries give full voltage. The A battery requires constant attention. It is said when a person is tired he can be refreshed by either sleeping or eating. It is much the same with a battery. In the case of the dry battery, it needs a rest and it will gain in life. With the storage cell, the charging process gives a like result. So the next time, when you finally do call it a night, give the battery a thought and put it on charge and it will never fail you the following night.

ence handled by the amateur of America runs into the hundreds of thousands in the course of a year. They are mostly personal; were they otherwise they would

clash with the telegraph and cable companies and there would be an immediate outcry from the dividend-seeking corporations of unfair competition, and consequent suppression. For the cost is nothing to the sender of a radiogram; that is, no charge may be made for such transmission. But it may have cost the operator many hundreds of dollars in apparatus and many anxious and weary hours in experience before he is competent to flash out his station call into the ether with the certain expectation of hearing a radio correspondent 3000 miles away come back with an acknowledgement.

Early Local History

Experts, too, at the key, are many of these radio amateurs, some of them attaining speeds in the international code equal to the professional telegrapher. And there is a thrill to the work never experienced by the latter, whose

lines are laid down for him, for it is an achievement to have built your station, learned the combinations that go to make up the code and hold conversation with unknown people one will probably never see.

Harking back, however, to the Cushing station. Mr. Cushing has been handling wireless more years than he cares to recall. Back in 1907 or 1908 he was a member of the Springfield Wireless association, a few years after the time Marconi experimented with his first transatlantic message.

The members of the association created quite a stir locally when they succeeded in communicating with Chicopee by wireless; followed a successful bit of work between this city and Thompsonville and later on with Hartford. The association got an immense amount of credit and columns were written in the local press.

Today nothing much is thought of working with half a dozen stations within an hour thousands of miles apart; indeed station 1-AWW quite recently exchanged messages within five minutes with a Pacific coast station and an English operator and it is extremely probable that each station heard the working of the others.

Such is the particular stage of efficiency attained by Mr. Cushing since the advent of the short waves, for 1-AWW operates, as do many others, on 77 meters. Prior to the adjustment ratified at the last Hoover conference Mr. Cushing on the longer waves then in vogue had never worked with stations outside America, though he had been heard across the Atlantic and reported through the amateur magazines in earlier tests.

When the Air Was Free
Ancient days of Springfield wireless saw the coherer and crystal and the air was free, with wave lengths somewhat indefinite; today a visit to such a station as Mr. Cushing possesses is an education. Here, instead of a mass of tangled wires which popular idea associates with radio, is a drawing-room corner fitted up as a radio station with powerful vacuum tubes for transmitting and less powerful ones for reception, meters for measuring wave lengths and resonance and the wireless "works" hidden behind polished panels, everything orderly and nothing inharmonious.

Novel Battery System
Mr. Cushing is nothing if not up to date. He has outgrown the ordinary method of using the rectified house lighting supply for his plate voltage and has installed a novel Edison battery system which furnishes 1200 volts direct current which gives him a piercing musical note that penetrates static and has tremendous carrying power. A visitor to the international radio show at Chicago a couple of weeks ago happened to mention to a stranger from the Pacific coast that he was from Springfield, Mass. Promptly the query was made: "Do you know Frank Cushing?" Upon being assured that he did the stranger burst out into an eulogy of the "wonderful station he knew 1-AWW was, for he had worked with the Springfield man direct; he sent on his personal felicitations. The City of Homes may have its high-grade broadcasting station, but it also has a high-grade amateur radio-telegraph station, the signals of which penetrate in all probability to places where the former is never heard.

England seems to be a favorite stamping ground for this Springfield station, for two weeks ago communication with that country was effected for five nights in succession; in fact a regular working schedule is more or less in evidence now which will be extended, for on these short waves atmospheric disturbances trouble the operators but little and it might almost be said that static is not.

Considerate of Neighbors
While it is feasible for Mr. Cushing to work at any and all times and perfectly legal, irrespective of whatever broadcasting may be on the air, he refrains from pushing his signals out when he knows his neighbors want to enjoy the evening, for so great is the power hurled out that the crystal sets in the immediate vicinity are said to feel the effects; cat-whiskers jump from the surface of the detector and the point of contact with the crystal becomes quite hot, and would melt were the current long sustained. Tube sets, too, are affected, so that Mr. Cushing maintains friendly relations in the neighborhood by letting the broadcast listeners have full possession of the air, opening up his relay league work when they have retired to bed; for it is between the hours of 1 and 3 in the

morning that the American amateur obtains his best overseas results; this shows the enthusiasm of the British brother, for he either must stay up all night to maintain schedules or get up at daybreak.

It is customary when operators establish communication with a new brother, to exchange cards and Mr. Cushing has a large collection of these mementoes, covering every state in the Union and Canada and many foreign countries. An interesting one dated November 19 from Caterham, Surrey, Eng., is full of information, the signature showing that Gerald Marcus, sole operator of Station G-ZNM, claims to have been the first British amateur to be received on the Pacific coast, G-ZAR being the American station worked. Mr. Marcus is also the first English amateur to visit American Radio Relay league headquarters in Hartford, where he was received personally by the league officials in May of this year.

Following is Mr. Cushing's description of his station, which will interest the fraternity of operators who have heard him on the air, but have been unable to work him, or at least lacked courage to inquire by way of the key just what the station consisted of. Such inquiries are the usual thing among the rank and file and the information is usually contained in the exchange cards mentioned, but the chief relay station of the city is usually too busy to answer extraneous questions and such inquiries as are made are necessarily brief:—

784-Cell Battery
Radio station 1-AWW, located at 78 College street, Springfield, Mass., is owned and operated by T. F. Cushing, assistant division manager, American Radio Relay league. The transmitter used, at left in the photograph, is a 100-watt inductively coupled Hartley circuit type, using two 50-watt tubes in parallel. Direct current is used both to heat the filaments, and also for the plates of the tubes. A 112-volt storage battery is used for filaments as a supply, while a novel Edison battery of 784 cells furnishes 1200 volts D. C. for the plates. The station can be operated about a week on the Edison batteries without recharging.

When charging is necessary, double-pole, double throw switches are turned, and the battery becomes 18 separate batteries of 75 volts each, which are connected in parallel across the charging line. A specially built Tungar rectifier is used, and the whole 16 separate units are charged at once. Seven-hours is all that is required for a full charge.

This 1200-volt battery is always in a safe condition, within an asbestos lined case in the cellar. An electric remote control switch (at the right on receiver) automatically connects the separate units together while

the transmitter is in actual operation. As soon as transmission is ended this remote control switch again disconnects the separate units from one another, and leaves the battery safe and high voltage transmitting circuit dead.

His English Schedule
The remote control switch also transfers the aerial and counterpoise from the receiving set to the transmitter when operating. Using direct current on both plates and filaments, gives this station a high pitched shrill note which is distinctive and can be read through bad static conditions. All parts of the United States are easily worked at night, as well as England, when static is normal. The following English stations have been worked more or less on schedule: G-20, G-2-SZ, G-2-JF, G-2-NM, G-2-WJ, G-5-NN and G-5-LF. The wave used is 77 meters, which is below the range of a good broadcast receiver.

Free Service Offered
Christmas greetings, messages or any other messages will gladly be taken for transmission to any part of this country free of charge by this station or any other amateur station.

The public is invited to use this service at any and all times. Messages for England are not permitted by the British authorities at present, owing to the government monopoly of the telegraph and telephone systems; hence communications are limited to test messages between stations.

It's Easy to Pick Out

Christmas Gifts

For Those Interested in

RADIO

The New Fada Neutroceiver
Grebe Synchrophase
Radiola Super-Heterodyne
Freshman Masterpiece
Radiola III

FEDERAL JUNIOR CRYSTAL \$10.00
SET, with phones

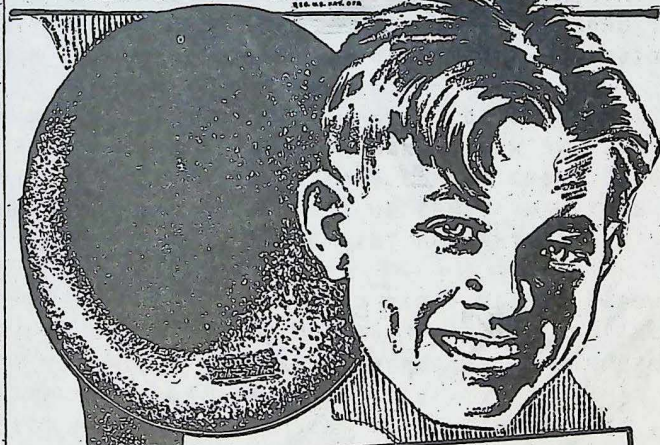
Sales and Service

The Radio Shop

276 Worthington St.

Tel. Walnut 6158

Table-Talker



Each season has its sports, its news, its gaieties. Each home can get them all—keep abreast of the world's fun and the world's doings—by radio and a Table-Talker.

It's true of tone and real in reproduction because its horn is matched to the unit. Choose a Table-Talker for a Christmas gift—and give whole years of joy!

Brandes

The name to know in Radio

Quality
RADIO
SETS and PARTS

The Items in Our
RADIO DEPT.
Are "RIGHT"

and Make
DEPENDABLE
CHRISTMAS GIFTS

STOWELL SETS.
TUBE SETS
LOUD SPEAKERS
PHONES
BATTERIES
RADIO PANELS and
CRYSTAL SETS
Priced as Low as \$1.75

Edw. Rich
14 EAST COURT ST.
Springfield, Mass.

\$10
It needs no extra
batteries

Superior
Selected Time
Hornset
\$7.50 in Cash

\$6

Navy Type
Selected Time
Hornset
\$10 in Cash

\$8

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1 OCTOBER, 1962

W3BO COLUMN
BY
PAUL G. WATSON

SINCE THE "BOYS" ARE RELATING MUCH OF COMMERCIAL OPERATING NATURE, HERE IS ONE FOR THE TIMES.

I WAS CHIEF ON THE OLD (1881) BUILT MALLORY COASTER COMAL JUST BEFORE WW-I, NURSING A MARCONI P-4 TRANSMITTER AND A 106 RECEIVER. THE SHACK WAS ON THE FLUSH DECK FORWARD, JUST BEHIND THE DINING SALOON AND RIGHT ON THE ROUTE OF THE PASSENGER PROMANADE DECK. WE WERE ON THE KEY WEST/GALVESTON RUN OUT OF NEW YORK, AND SOUTH OF HATTERAS STOOD WATCH IN WHITES MOST OF THE TIME.

HAD BEEN DOING "ALRIGHT" WITH A COUPLE OF THE YL PASSENGERS, ONE OF WHOM WAS A CAMERA FAN. SHE FREQUENTLY LEFT HER CAMERA IN THE RADIO SHACK DURING HER DECK TOURS, MENTIONING ON SEVERAL OCCASIONS THAT HER MOTHER AND FATHER HAD NEVER BEEN TO SEA AND SHE WAS TAKING AS MANY PICTURES AS SHE COULD FOR THEIR ENLIGHTENMENT.

THIS AMOROUS LADY MADE VIOLENT LOVE TO A MIDDLE AGED MAN IN DECK CHAIRS CLOSE TO THE RADIO SHACK, AND THIS WAS JUST TOO GOOD TO MISS, SO I SNAPPED SEVERAL PICTURES, ONE AT A TIME OF THESE PROCEEDINGS, AND ON THE TRIP ACROSS THE GULF, WE HAD HEAVY WEATHER SO WE ADDED A COUPLE MORE PICTURES OF THE LADY "FEEDING THE FISH." ON ARRIVING AT GALVESTON SHE SAID THAT SHE WAS MAILING THE FILMS TO HER MOTHER IN ROCHESTER FOR DEVELOPMENT.

I WAS MUCH RELIEVED ON HEARING THIS, AS THE COMAL LAID OVER FOUR DAYS IN GALVESTON. I FEEL CERTAIN HER PEOPLE GOT A REALISTIC AND UNABRIDGED STORY OF SEA LIFE, NO MATTER HOW THEY MIGHT UNDERSTAND IT. I HAVE NOT BEEN ABLE IN THE SUCCEEDING 50 YEARS TO ARRIVE AT A SATISFACTORY CONCLUSION AS TO WHETHER THIS WAS A DIRTY TRICK OR NOT.

WITH REFERENCE TO SHERMAN BOOTH, W3PL MENTION OF A "DEAD" SPOT IN THE WINDWARD PASSAGE, THIS WAS ONE WHICH THE WRITER ENCOUNTERED ON SEVERAL OCCASIONS, ALSO ANOTHER ON THE COURSE FROM DIAMOND SHOALS (HATTERAS) LIGHTSHIP INTO CHARLESTON, S.C. THE WRITER ENCOUNTERED THIS SPOT MANY TIMES ON THE APACHE AND THE LENAPE OF THE OLD CLYDE LINE. TOOK ABOUT TWO HOURS TO PASS THROUGH THIS ONE.

THE WORST "DEAD" RADIO CONDITIONS ENCOUNTERED IN QUITE A FEW YEARS AT SEA, OCCURRED IN 1920-1921 ON THE TRANSPORT SOUTH BEND GOING UP THE INSIDE PASSAGE TO ALASKA. THIS SHIP WAS EQUIPPED WITH A KILBOURNE & CLARK 2 KW IMPACT TYPE SPARK SET AND A 1420 RECEIVER. FOR THOSE NOT FAMILIAR WITH THE INSIDE PASSAGE, LET ME SAY THAT IT RUNS ALONG THE WEST COAST OF CANADA, AND IN MOST PARTS RESEMBLES THE MUCH ADVERTIZED FJORDS (NORWEGIAN.), EXCEPT THAT IT IS NARROWER AND THE MOUNTAINS DROP DIRECTLY INTO DEEP WATER.

WE STOPPED ONE AFTERNOON DIRECTLY OPPOSITE TO FORT WM. H. SEWARD AT HAINS MISSION, WHICH WAS LOCATED IN A SHORT BREAK IN THE MOUNTAINS ON THE WEST SIDE OF THE PASSAGE. THE "OLD MAN" GAVE ME A MESSAGE AND TOLD ME TO GET IT OFF FAST AS HE WANTED TO MOVE ON AFTER DROPPING THE MAIL. AFTER TWENTY MINUTES CALLING AND LISTENING, NO RESULTS. "OLD MAN" GOT MAD, BLAMED ME FOR THE DELAY, FIRED A GUN TO ATTRACT ATTENTION, BUT STILL GOT NO ANSWER. GOT PERMISSION TO BREAK OUT THE SEARCHLIGHT AND PROMPTLY GOT A BLINKER REPLY. GAVE HIM THE MESSAGE, THEY SENT THEIR BOAT OUT FOR THE MAIL AND EVERYBODY WAS HAPPY. I FOUND OUT VIA BLINKER THAT THEY COULD NOT WORK OTHER SHIPS IN OUR POSITION WITH 5 KW, HENCE THEY DID NOT HEAR MY CALL, THOUGH THE FORT WAS IN PLAIN SIGHT, ABOUT TWO MILES AWAY.

SAME GENERAL THING OCCURRED AT SEWARD, WHILE LAYING AT THE DOCK, NPV, NAVY RADIO, COULD NOT HEAR US, SO I WALKED OVER TO THE STATION, ABOUT THREE MILES AWAY AND DELIVERED THE TRAFFIC.

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OCCASIONAL PARADOXES OCCUR IN THIS AREA. ON ONE OCCASION WHICH IS DEFINATELY RECALLED, ON ROUNDING A BEND IN THE "PASSAGE" INTO A SECTION WHOSE BEARING WAS ON THE HAWAIIAN ISLANDS, THE COMMERCIAL STATION AT HONOLULU CAME IN LIKE A LOCAL. I GAVE HIM A CALL, OUR "TR" (POSITION REPORT) AND GOT A SIMILAR REPORT AS TO SIGNALS FROM HIM.

BACK IN THE DAYS WHEN THE MILE AND A QUARTER LONG ANTENNA WAS BEING ERECTED FOR THE ALEXANDERSON ALTERNATOR STATION WII AT NEW BRUNSWICK, N.J., ONE OF THE RIGGERS ON THE 600 FOOT HIGH ANTENNA SLIPPED AND WAS HANGING BY HIS HANDS FROM A WIRE READY TO FALL TO THE GROUND;

HE HEARD A VOICE SAY, "JOHN, DO YOU KNOW WHO THIS IS?"

JOHN ANSWERED, "YES FATHER, I DO."

THE VOICE, "DO YOU BELIEVE IN ME AND HAVE FAITH?"

JOHN---"YES FATHER, I DO."

THE VOICE "WELL LET GO AND I'LL SAVE YOU."

JOHN---"LIKE HELL I WILL, GIVE ME A ROPE."

THE FOLLOWING IS AN EXCERPT FROM PAUL'S LETTER DATED 2 SEPTEMBER: WHY I NEVER MENTIONED THIS BEFORE, I CANNOT EXPLAIN, BUT I PRESUME YOU KNOW OF THE HAM REGISTER, A PAPER BOUND BOOK PUBLISHED COMMERCIALY BY A COUPLE OF INDIVIDUALS TWO OR THREE YEARS AGO. QUESTIONNAIRES WERE SENT AROUND TO "SOME" HAMS, SELECTED ON A BASIS UNKNOWN TO ME, ON WHICH YOU WROTE YOUR "OBITUARY," SO FAR AS I KNOW, ONLY ONE EDITION WAS PUBLISHED, NO PICTURES, AT A COST OF \$2.50 OR SO PER COPY, PAPER BOUND. I HAVE ONE HERE IN THE FILES SOMEWHERE. IT IS AS INTERESTING TO READ AS A TELEPHONE DIRECTORY.

HAD THE OLD 1916 LOG OUT LAST NIGHT TO GIVE SOME OF THE NEW LINE OF "EXPERTS" SOME DATES ON DOC DE FOREST'S EARLY PHONE EXPERIMENTS, AND IN GOING OVER THE LOG, IT BROUGHT TO MIND SOMETHING WHICH WAS FIRMLY IMPRESSED ON MY MIND AT THE TIME, WHICH IS OUTLINED BELOW FOR THE TIMES IF OF ANY INTEREST:

GOING OVER A 1916 LOG BOOK HERE IN THE PAST FEW DAYS BROUGHT BACK TO MIND A PHENOMENA WHICH BECAME RATHER FIRMLY FIXED IN THE WRITER'S MIND AT THAT TIME. IT CONCERNES RECEIVING CONDITIONS DURING THE WINTER MONTHS AT THIS LOCATION, 25 MILES NORTHWEST OF PHILADELPHIA.

LIKE MOST AMATEURS OF THE PERIOD, WE LISTENED AS MUCH ON THE COMMERCIAL AND GOVERNMENT FREQUENCIES AS ON THE AMATEUR BAND AND THE DAY WAS NOT COMPLETE UNTIL WE COPIED NAA WEATHER AND PRESS WITHOUT A MISTAKE (EVEN IF THE TRANSMITTING OPERATOR MADE ONE) AND THEN GOT NAR TIME TO CHECK OUT AT 11.00 PM THE TIME NAA RECEIVED AT 10.00 PM. WHEN ALL THIS WAS OVER AND WE DROPPED DOWN TO 600 METERS, ON A GOOD NIGHT, WE COULD HEAR "S" AT SWAN ISLAND, "MORO CASTLE" AT HAVANA, CUBA, NEW ORLEANS, PENSACOLA AND THE MARCONI STATION AT GALVESTON; THEN IT SEEMED LIKE A GREAT ARM SWUNG SLOWLY AROUND FROM THE SOUTH TO THE WEST AND STATIONS ON THE GREAT LAKES, ALPINA, CHICAGO, CLEVELAND AND OTHERS WOULD ROLL IN RIGHT AFTER MID-NIGHT.

THE "ARM" CONTINUED TO SWING AND SHIPS AND STATIONS ALONG THE ST. LAWRENCE RIVER WOULD BE HEARD; THEN THE STATIONS AT GLACE BAY, ST. JOHNS AND THOSE NEARER, WBF, BOSTON, AND ON LONGER WAVE WCC WITH HIS BEAUTIFUL MUSICAL NOTE, AND FINALLY BY ABOUT 2.30 THE "ARM" HAD SWUNG TO THE EAST AND MOST OF THE SHIPS IN THE ATLANTIC COULD BE HEARD. GLD AT LANDS END, ENGLAND, FFU AT USHANT, FRANCE AND PCH AT THE "HOOK OF HOLLAND". ARE LOGGED ON AT LEAST ONE OCCASION, PCH USING FOUR DASHES FOR THE CH CHARACTER.

THIS CYCLE OF DX OCCURRED SO MANY TIMES IN THE PRE-WAR PERIOD THAT IT SEEMS TO BE MORE THAN JUST CHANCE CONDITIONS. THAT THE RELATIVELY SMALL NUMBER OF STATIONS KEPT THE FREQUENCIES FREE OF INTERFERENCE THERE IS NO DOUBT, BUT THE SWING OF AUDIBILITY HAS ALWAYS BEEN UNEXPLAINED IN THE WRITERS MIND.

P.G.W W3BO

SWELL MATERIAL PAUL. I'LL BET A COUPLE OF KWS THIS WILL STIR UP MEMORIES.--YE OLDE COPPY B.

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OCTOBER, 1962

THE WORLD OF "MR. SHERATON."

BY ERNEST HENDERSON

AN EXCERPT.

"HAMS ADDRESS ONE ANOTHER BY THEIR FIRST NAMES. SO IT WAS, ON A SUMMER DAY IN DUBLIN, NEW HAMPSHIRE, THAT I FOUND MYSELF TALKING TO HERB. HE WAS A W8, AND SO I INQUIRED IF THAT MEANT CLEVELAND, WHERE W8S ABOUND. "NO," SAID HERB CHEERFULLY, THOUGH I THOUGHT HIS NOSE TURNED UP PERCEPTABLY. "NO," HE REPEATED, "SHAKER HEIGHTS." THIS EVIDENTLY PUT ME IN MY PLACE, ESPECIALLY SINCE HERB, HEARING I WAS IN NEW HAMPSHIRE, DECIDED I MUST BE A COUNTRY FARMER. POLITELY HE INQUIRED HOW THE CROPS WERE DOING.

"PRETTY FAIR" I REPLIED IN MY BEST NEW HAMPSHIRE DRAWL.

THUS HERB AND ERNIE IN "QSO" TALKED BACK AND FORTH FOR QHITE A WHILE. I LEARNED HE WAS BUILDING A BOAT. RECALLING THE STORY IN THE BOSTON PAPERS AT THE TIME, TELLING OF A MAN WHO HAD BUILT A BOAT IN HIS BASEMENT ONLY TO FIND IT TOO LARGE FOR THE CELLAR DOOR, I RECOUNT-ED IT TO HERB. DUE TO MISCALCULATION, THE SIDE OF THE HOUSE HAD TO COME DOWN. "OH" SAID HERB, "NO TROUBLE LIKE THAT." HIS BOAT WAS IN DETROIT, AND WOULD BE COMPLETED THE FOLLOWING SATURDAY. IN FACT, HE EXPLAINED BY WAY OF HIS SHORT-WAVE EQUIPMENT, HE WAS TAKING SOME OF T THE BOYS TO DETROIT FOR THE OCCASION. A DINNER TO MARK THE EVENT WOULD BE HELD AT A DETROIT HOTEL. BECOMING MORE INTERESTED, I CAUTIOUSLY INQUIRED, "WHICH ONE?"

"OH" SAID HERB, "YOU CAN'T KEEP TRACK OF THE DETROIT HOTELS." FORMERLY, HE SAID IT WAS THE BOOK-CADILLAC, BUT SOME FELLOWS FROM BOSTON HAD TAKEN OVER AND HAD CHANGED THE NAME. UNABLE TO RESIST, I TOLD HERB I KNEW THE MANAGER, NEAL LANG. I SUGGESTED HERB SHOULD LOOK HIM UP, AND NEAL LANG WOULD SEE THAT ALL WENT WELL.

CHANGING ATMOSPHERIC CONDITIONS ENDED THIS CONTACT ON THE TWENTY METER BAND. HOWEVER, TWO DAYS LATER AN URGENT LONG-DISTANT CALL FROM THE SHERATON-CADILLAC IN DETROIT CAME IN. NEAL LANG WAS ON THE LINE. HE SEEMED A BIT CONFUSED. SEVEN HUNDRED PEOPLE, HE EXPLAINED, WERE DINING IN HIS BALLROOM. MOST OF THEM HAD COME BY SPECIAL TRAINS FROM CLEVELAND TO PARTICIPATE IN THE LAUNCHING CEREMONIES OF A TWENTY-THOUSAND TON ORE BOAT. ONE OF THE STEEL-COMPANY HEADS, A COMPANY SUBSIDIARY WHICH BUILT THE VESSEL, WAS ASKING ABOUT A FRIEND IN NEW HAMPSHIRE, A FARMER THERE NAMED ERNIE.

THE FOREGOING IS AN EXCERPT FROM THE ABOVE TITLED BOOK SENT TO YE OLDE COPPYE BOYE BY W2EG FOR THE EDIFICATION OF OUR MEMBERS. THE WRITER READ THIS MOST INTERESTING PAPER BACK AND RECOMMEND IT'S READING. IT WAS WRITTEN IN PLEASANT CONVERSATIONAL STYLE AND IT IS BELIEVED WOULD BE FOUND AS INTERESTING AS TO YE OLDE COPPYE BOYE. IT MAY BE OBTAINED IN MOST BOOK STALLS AND STORES. THANKS EARL AND ERNIE.

JUD, AN OLD MOUNTAINEER, CAME ROARING INTO HIS SHACK, FUSSING AND FUMING. "I KNEW THEM DANGED SCIENCE FELLERS WOULD KEEP AFOOLIN' AROUND UNTIL THEY DID SOMETHING THEY HADN'T ORTER," HE STORMED.

"WHAT'S THAT, PAW," ASKED HIS WIFE, "YOU MEAN THE ATOM BOMB?"

"TARNATION NO," EXPLODED THE OLD MAN, "THEY'VE FOOLED AROUND UNTIL NOW THEY'VE DISCOVERED SOMETHING BESIDES LIKKER TO CURE A COLD!"

A CITY SLICKER DRIVING THROUGH THE BACK HILLS KILLED A HILLBILLY'S HEN WITH HIS CAR. "I'M SORRY I RAN OVER YOUR HEN," HE TOLD THE MAN. "WOULD TWO DOLLARS PAY FOR HER?"

"BETTER MAKE IT FOUR," SAID THE CANNY MOUNTAINEER. "YA SEE, I GOT A ROOSTER THAT WAS MIGHTY FOND OF THAT HEN AND THE SHOCK MIGHT KILL HIM!"

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NEWS BRIEFS

ALL OF THE THREE SUPPLEMENTS TO THE 1913 GOVERNMENT CALL BOOK ARE NOW ON HAND FOR REPRODUCTION AND WILL BE REPRODUCED FOR SALE SOON. AT THIS TIME, IT WOULD BE DIFFICULT TO GET THE PRINTING DONE BECAUSE OF THE DEMANDS BY THE BLUE BOOK. IT WILL HOWEVER BE MADE AVAILABLE AT THE EARLIEST POSSIBLE DATE AND ANNOUNCEMENT WILL BE MADE IN SPARK-GAP TIMES.

YE OLDE COPPY BOYE HAS BEEN ADVISED BY OUR SECRETARY THAT OUR SUPPLY OF BLUE STAMPS HAVE BEEN DEPLETED AND THAT IT WILL BE NECESSARY TO ORDER MORE IMMEDIATELY. THE ORIGINAL ORDER FOR THESE STAMPS WAS FOR 20,000; THIS WOULD SEEM TO INDICATE THEIR RATHER EXTENSIVE USE OF THEM. F B GENTLEMEN, A NEW SUPPLY WILL BE AVAILABLE AT THE OFFICE OF THE SECRETARY WITHIN THE WEEK.

WHEN THE FIRST LOT WAS ORDERED, THE WRITER SELECTED THE BLUE BECAUSE IT SEEMED TO BE A NICE COLOR, BUT AFTER PRINTING, THE COLOR SEEMED TO TAKE ON A SORT OF BILIOUS APPEARANCE, OR MAYBE EVEN CONSTIPATED. INASMUCH AS THESE STAMPS WOULD SEEM TO REQUIRE THE NICEST POSSIBLE APPEARANCE, A BRIGHT GOLD HAS BEEN SELECTED. IT IS BELIEVED THAT THIS COLOR WILL BE MUCH MORE ATTRACTIVE THAN THE BILIOUS BLUE. HOPE YOU LIKE THEM. ALTHOUGH THE COST WILL BE GREATER, THE PRICE WILL REMAIN THE SAME; \$1.00 FOR 250.

YE OLDE COPPYE BOYE AND HIS SKIPPER WERE HONORED AND DELIGHTED BY A TWO DAY VISIT BY W2EG AND HIS BETTER (MUCH BETTER) HALF AND THEIR CHARMING GRANDDAUGHTER LINDA THE FIRST PART OF AUGUST. THE VISIT WAS ALL TOO SHORT BUT IT WAS AN EVENT. I DONT KNOW WHEN I EVER ENJOYED A VISIT AS MUCH AS THIS ONE. CERTAINLY IT WAS ALTOGETHER TOO SHORT.

IT WAS OUR ORIGINAL PLAN TO SPEND MOST OF OUR TIME IN OOTC BUSINESS BUT THAT BECAME SIDETRACKED FOR MORE PLEASANT PURSUITS; AS A MATTER OF FACT WE SPENT MOST OF THE TIME IN LOOKING AT THE MANY POINTS OF INTEREST AND BEAUTY IN AND AROUND CHATTANOOGA. EVEN AT THAT WE DID NOT HAVE TIME FOR THE MANY THINGS WE WANTED TO DO.

EARL, LINDA AND YE OLDE COPPYE BOYE WERE GUESTS OF OUR BLUE BOOK EDITOR FOR DINNER AT THE COUNTRY CLUB ON THE NIGHT OF THE NINTH AFTER WHICH WE RETURNED TO THE QTH OF W4PPZ FOR A GENERAL DISCUSSION OF CLUB AFFAIRS. IT WAS A MOST DELIGHTFUL EVENING, THANKS TO BERT, W4MF AND HIS USUAL HOSPITABLE SELF. THIS MEETING EXTENDED WELL INTO THE NEXT DAY WITH ALL OF US TIRED BUT HAPPY WITH THE EXPERIENCE.

IF A DOG IS MAN'S BEST FRIEND, WHY DOESN'T HE COME HOME WITH A BONE--WITH SOME MEAT ON IT?

OH! YEAH! HERE IS ONE I SAW IN A LOCAL PIZZA PALACE. "THE HURRIER I GO THE BEHINDER I GET." REMEMBER THAT YOU FELLOWS WITH ANTS WHERE THERE ISN'T ANT RIGHT TO BE.

JUD WAS WINDING HIS WATCH AT THE GATE OF HIS FARM DWELLING WHEN A TRAVELING SALESMAN DROVE UP AND ASKED, "WHAT TIME IS IT MISTER?"

"WE DON'T GIVE TIME TO STRANGERS," ANSWERED JUD. "WE'VE LEARNED LEARNED IT IS BAD POLICY." "HOW'S THAT?" ASKED THE SALESMAN.

"WELL, IF I GIVE YOU THE TIME," EXPLAINED JUD, "YOU'LL WANT TO THANK ME AND THEN I'LL WANT TO KNOW YOUR NAME AND YOU'LL WANT TO KNOW MINE. THEN WE'LL SIT DOWN AND HAVE A FRIENDLY CHAT AND EVENTUALLY I'LL INVITE YOU IN FOR SUPPER. YOU'LL MEET MY DAUGHTER WHO'S PRETTY AND COOKS UP A STORM AND YOU'LL WANT TO DATE HER AND SHE'LL DATE YOU 'CAUSE THERE AIN'T MANY MEN AROUND HERE. THEN YOU'LL LIKELY PROPOSE MATRIMONY. SHE'LL SAY "GO AND ASK PA'S CONSENT, AND YOU'LL COME TO ME, AND I'LL HAVE TO TURN YOU DOWN 'CAUSE I DON'T WANT MY DAUGHTER MARRIN' NO SALESMAN THAT AIN'T GOT A WATCH".

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THE SPANISH PAGE

By

AUGUSTO E. OSORIO ----LU2AO
REPRESENTANTE IN SUD AMERICA

NOTICIAS DEL URUGUAY

EL 21 DE JULIO TUVO LUGAR EN MONTEVIDEO UN CONGRESO DE RADIO AFICIONADOS EN EL QUE PERTICIPARON NUMEROSAS DELEGACIONES DE LOS DEPARTAMENTOS URUGUAYOS Y ALGUNAS DEL EXTERIOR. ESTE CONGRESO FUE ORGANIZADO POR LA FEDERACION URUGUAYA DE RADIO CLUBES QUE REUNE A LOS SIGUIENTES RADIO CLUBES:

A.R.A.C.; C.R.A. ; FLORES R.C.; ARTIGAS R.C. CANARIO; R.C. CANELONES; R.C. FLORIDA; R.C. MINAS; MONTEVIDEO R.C.; R.C. NORTE URUGUAYO; R.C. PAYSANDU; R.C. RIO NEGRO; R.C. RIVERA; R.C. ROCHA; R.C. SALTO; R.C. SAN JOSE.

DE ARGENTINA CONCURRIERON DELEGADOS DE LA FEDERACION DE RADIOAFICIONADOS. FEDERICO GRAUPNER, LU2DJM; DEL CENTRO DE RADIO VETERANOS, SR. NICANOR J. AREVALO, LU9AN, (MIEMBRO DEL OOTC) Y ELIO STECCA, LU7CA EN REPRESENTACION DEL RADIO CLUB INTERNACIONAL, A.D.B.

EN EL CONGRESO SE PROCEDIO A RENOVAR LA COMISION DIRECTIVA, CUYA MESA EJECUTIVA QUEDO COMPUESTA DE LA SIGUIENTE FORMA:

PRESIDENTE; TTE. CNEL. NELSON VAZQUEZ LEDESMA, CX5BH; VICEPRESIDENTE: ING. EDUARDO SAMPSON, CX2BS; SECRETARIO: LUIS SUAREZ, CX6BC; TESORERO: MILTON RADMILOVICH, CX2AD. LOS CONCURRENTES AL CONGRESO REALIZARON TAMBIEN UN HOMENAJE AL GRAL. ARTIGAS FRENTE A SU MONUMENTO QUE SE LEVANTA EN LA PLAZA DE LA INDEPENDENCIA, EN EL CENTRO DE LA CIUDAD DE MONTEVIDEO.

LA FEDERACION URUGUAYA DE RADIO CLUBES PROPUGNA LA FORMACION DE LA UNION SUDAMERICANA DE RADIO AFICIONADOS, (USAR) QUE SE CONCRETARIA EN EL PRIMER CONGRESO CONTINENTAL DE INSTITUCIONES REPRESENTATIVAS DE CADA PAIS. LOS PRINCIPALES OBJETIVOS: USAR PERMANECERA TOTALMENTE AL MARGEN DE LOS PROBLEMAS POLITICOS, NACIONALES E INTERNACIONALES, IDEOLOGICOS, RELIGIOSOS O RACIALES.

SU ACTIVIDAD ESTARA ORIENTADA POR LOS SIGUIENTES IDEALES: CONFRATERNIDAD CONTINENTAL. DEFENSA DE LAS DERECHOS EN EL ORDEN INTERNACIONAL.-NORMALIZACION EN LOS DERECHOS Y REGLAMENTACIONES EN EL ORDEN NACIONAL.-CAPACITACION TECNICA.-SOLIDARIDAD SOCIAL Y COOPERACION EN EL SALVAMENTO DE VIDAS HUMANAS.-AMISTAD REAL Y AFECTUOSA.-

LA SEDE DE LA FURC, QUE ES UNA ENTIDAD CON PERSONERIA JURIDICA POR DECRETO DEL GOBIERNO URUGUAYO, No.24040 ES CALLE RIO BRANCO 1542.- o POSTAL BOX 966- MONTEVIDEO URUGUAY.

RE MEMBERSHIP BUTTONS.

OUR SECRETARY-TREASURER HAS ADVISED YE OLD COPY BOY THAT SOME 40 MEMBERS HAVE FORGOTTEN TO MAIL IN THEIR CHECK FOR THE PIN. IT IS REALIZED THAT A MATTER OF THIS KIND CAN BE EASILY OVERLOOKED, HENCE THIS REMINDER.

YOUR OFFICERS DESIRE EVERY MEMBER TO HAVE A MEMBERSHIP BUTTON REGARDLES OF WHETHER YOU PAID FOR IT OR NOT, BUT FOR THE TREASURER'S RECORD WON'T YOU PLEASE ADVISE HIM OF ANY CIRCUMSTANCES THAT MAY PREVENT PAYMENT? THIS REQUEST IS FOR THE EXPRESS PURPOSE OF GETTING THE RECORDS CLEARED. WONT YOU PLEASE COOPERATE WITH OUR VERY EFFICIENT SECRETARY-TREASURER?

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THIS IS MY STORY

By

RALPH L. HAZLETON KL7AG

BACK IN 1910, WHEN I WAS RATHER YOUNG BOY A COUPLE OF BROTHERS THAT LIVED SEVERAL BLOCKS TO THE SOUTH OF ME AT SANTA CRUZ, CALIFORNIA BUILT UP SETS AND WENT INTO BUSINESS. THEY WERE EDWARDS AND DON WALLACE. ONE OF THEM HAD THE CALL "CO", I DON'T REMEMBER THE OTHER ONE. ONE HAD HIS GEAR ON THE GROUND FLOOR OF THE BARN, THE OTHER THE UPPER. DON IS STILL AROUND AND NOW HAS THE CALL W6AM, I HAVE LOST TRACK OF EDWARD. THEIR NEIGHBORS ACROSS THE STREET CAUGHT THE BUG AND SINCE THEY WERE BUDDIES, IT WAS IMPOSSIBLE FOR ME TO ESCAPE BEING BITTEN. THESE BOYS, THE FANEUF'S DID NOT REMAIN IN THE GAME.

SO WE GOT BUSY MAKING FIXED CONDENSORS WITH WAX PAPER AND FOIL, WINDING LOOSE COUPLERS, MAKING A CAT WHISKER DETECTOR; AND A 75 OHM PHONE. AN ANTENNA WAS ERECTED AND THE RECEIVING END WAS IN BUSINESS. WE FASHIONED CONDENSOR, HELIX AND SPARK GAP FOR USE WITH FORD SPARK COIL. LATER THIS WAS USED WITH AN ELECTROLYTIC INTERRUPTER SUCH AS FASHIONED BY PAUL, W3BO WHICH HE DESCRIBED IN JUNE 1 ISSUE OF SPARK-GAP TIMES. LATER THERE WAS AN ENLARGEMENT OF RECEIVING EQUIPMENT BY ADDITION OF DOUBLE SLIDE LOOSE COUPLER, VARIABLE CONDENSOR, BRANDES 200 OHM PHONES, GALENA DETECTOR ETC.

TRANSMITTER WAS ENLARGED WITH RIBBON WOUND HELIX, 1/4 KW TRANSFORMER ALONG WITH FOIL COATED GLASS PANES MOUNTED IN A RACK ON EDGE. GOOD COMMUNICATIONS WERE HAD ALL OVER TOWN AND OCCASIONALLY TO MONTEREY, 30 MILES ACROSS THE BAY. AT THIS TIME THERE WERE EIGHT OR TEN OTHER AMATEURS AROUND THE TOWN AND WE USED TO GET ON REGULARLY. OSCAR WILLEY, UP ON MISSION HILL WAS ACTIVE AND HE SIGNED AT THAT TIME "OW". I FORGOT TO SAY THAT I STARTED OFF AT THAT TIME SIGNING "GK" WHICH WAS ORIGINALLY THE CALL OF A COAST-WISE SHIP THAT WAS WRECKED AND LOST. I THOUGHT THAT WAS A GOOD SOUNDING CALL IN CODE SO TOOK IT AND USED IT UNTIL THE GOVERNMENT STARTED ISSUING LICENSES IN 1912 WHEN THEY ASSIGNED ME 6IH. (PROBABLY MEANT 1913---EDITOR'S NOTE).

SOMEHOW I SHOULD HAVE BEEN LISTED IN THE FIRST ISSUE OF CALL BOOK IN 1913, AND CANNOT REMEMBER JUST WHAT HAPPENED, AS I WAS IN THE BUSINESS AT THAT TIME. BUT I REMEMBER NOW THAT DURING 1912 WE TEMPORARILY MOVED AWAY FROM SANTA CRUZ TO ANOTHER TOWN IN THE VALLEY OF CALIFORNIA AND I WAS INACTIVE FOR ABOUT A YEAR AND DID NOT APPLY AS SOON AS I SHOULD HAVE. BUT YOU WILL FIND ME LISTED IN THE 1914 CALL BOOK IF THERE ARE ANY OF THEM STILL IN CIRCULATION.

WHEN I GOT THE 1/4 KW RIG ON THE AIR AFTER ELECTRICITY CAME INTO THE NEIGHBORHOOD THERE WAS A TERRIFIC VOLTAGE DROP WHENEVER I PRESSED THE KEY. IT TOOK THE NEIGHBORS AROUND THE PLACE SOME TIME TO FIND OUT JUST WHAT WAS GOING ON AND WHEN THEY DID, THEY ALL DESCENDED UPON MY PLACE IN WRATH. THIS KIND OF PLACED ME ON THE SPOT UNTIL I COULD DO SOMETHING ABOUT IT. SO THESE COMPLAINTS CAUSED ME TO WORK AT LATE HOURS AFTER MOST OF THEM HAD GONE TO BED.

WE USED TO SIT UP UNTIL THE WEE SMALL HOURS OF THE MORNING TUNING AROUND, AND AT TIMES THE RECEPTION WAS VERY GOOD. ONE NIGHT I HEARD NAR (KEY WEST) CALL GUANTANAMO BAY. AFTER MIDNIGHT THE ALASKAN STATION BEGAN TO COME THROUGH. AT THAT TIME THE NAVY HAD A CHAIN OF STATIONS UP HERE, AND SINCE ALASKAN TIME IS BEHIND PACIFIC COAST A FEW HOURS, IT WAS NECESSARY TO GO INTO THE LATE HOURS WHEN DARKNESS WAS TO BE HAD. AMONG THESE STATIONS WERE NPQ, NPR, NPA AND NPB. THESE HAVE ALL GONE OUT OF ALASKA.

ONE NIGHT THERE WAS LITTLE DOING ON THE BAND. I CALLED CQ LOOKING FOR BUSINESS AND WAS ANSWERED BY THE MOST BEAUTIFUL MUSICAL SIGNAL OF A SYNCHRONOUS ROTARY SPARK GAP. THE CALL I DID NOT RECOGNIZE. HE SAID QRA WAS ABOARD A PRIVATE YACHT CRUISING ALONG THE COAST AND HE JUST HAPPENED TO HEAR MY CALL. WE CHEWED THE RAG FOR SOME TIME UNTIL HE

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FINALLY TOLD ME HE WAS LOCATED IN THE OTHER END OF TOWN. HE HAD JUST MOVED IN AND SET UP. HIS NAME WAS GEORGE ELWOOD AND I DO NOT REMEMBER HIS CALL OR WHATEVER HAPPENED TO HIM. I WAS OVER TO HIS PLACE SEVERAL TIMES AND NOTED HE HAD A FINE LOOKING RIG. FOR ONE THING HE HAD THE ROTARY GAP MOUNTED IN A NOISE-PROOF BOX SETTING ON THE FLOOR UNDER THE WORK BENCH. THE MOTOR SWITCH WAS HOOKED TO A ROD THAT PROTRUDED OUTSIDE THE BOX ABOUT KNEE HIGH. WHEN HE TRANSMITTED HE MERELY PUSHED THE ROD WITH HIS KNEE TO ACTIVATE THE SWITCH.

ELWOOD USED TO TRAVEL A LOT. HE HAD PERFECTED A SMALL BREADBOARD RECEIVER WHICH HE USED TO SELL TO JEWELERS AROUND THE STATE WHICH ENABLED THEM TO TUNE IN NPH, (MARE ISLAND NAVY YARD) FOR DAILY TIME SIGNAL. THE LOOSE COUPLERS INSTEAD OF BEING SMALL IN DIAMETER AND LONG WERE SHORT AND LARGE DIAMETER. IT WAS DESIGNED TO TUNE A NARROW BAND IN THE NEIGHBORHOOD OF NPH WHICH AS I REMEMBER WAS AROUND 2'000 METERS. HE DID WELL BUILDING AND SELLING THERE.

A BUDDY OF MINE ON THE NEXT STREET WAS GEORGE VAN WAGNER AND HE CAUGHT ON AS I LABORED ON MY RIG. HE WAS AN ONLY CHILD AND HIS DAD WAS IN FULL ACCORD, SO HE WAS WELL FINANCED. HE PUT UP A HIGH POLE AND STRUNG A MASSIVE 6 WIRE FLAT AERIAL ON IT. HIS EQUIPMENT WAS THE BEST OF THE DAY. ONE DAY I WAS THERE WITH HIM WORKING ON ASSEMBLING HIS AERIAL, WORKING WITH WIRE INSULATORS AND SPREADERS. THE POLE WAS UP AT ONE END OF THE LOT; WE WERE AT THE OTHER END GETTING THINGS IN ORDER TO HOIST AERIAL. NEXT DOOR WAS LIVING AN OLD JEWISH GENTLEMAN AND HIS CURIOSITY GOT THE BEST OF HIM AND HE CAME OVER TO SEE WHAT WAS GOING ON. HE FINALLY SAID: "HOW FAR IS THIS GOING TO RUN?" I ANSWERED: "TO THE POLE AT THE FAR END OF THE LOT!" THINKING HE WAS TALKING ABOUT THE AERIAL. THE OLD GENT LAUGHED AND REPLIED: "HELL, THAT IS NO GOOD, MY GRANDSON OVER ON OCEAN STREET HAS ONE AND HE WORKED A FELLOW 20 MILES AWAY THE OTHER NIGHT." GEORGE GOT ON THE AIR AND USED THE CALL "LX" UNTIL 1912 AND AT THIS DATE I HAVE FORGOTTEN HIS OFFICIAL STATION CALL GIVEN BY THE GOVERNMENT.

THERE WAS ANOTHER HAM ACROSS TOWN ON LOCUST STREET NAMED CHARLIE DODGE AND WE USED TO QSO A LOT. HE WAS A FIRST CLASS ELECTRICIAN (RADIO) IN THE LOCAL UNIT OF NAVAL MILITIA OF CALIFORNIA. ONE DAY HE SAID, "RALPH, WHY DON'T YOU JOIN THE MILITIA AND MAYBE THEY WILL GIVE YOU A RADIO RATING. YOU CAN OPERATE AND THEY RATE THREE IN THE UNIT AND I AM THE ONLY ONE HERE NOW." THE ANNUAL SUMMER CRUISE ON A NAVAL VESSEL WAS COMING UP SOON AND I WAS DETERMINED TO GET SOME BIGGER EXPERIENCE. I WAS NOT YET EIGHTEEN, BUT I FUDGED A BIT AND GOT MY MOM TO SIGN THE PAPERS AND WAS IN. I KEPT AFTER THE COMMANDER, LT. WILLEY FOR THAT RATING, BUT HE KEPT GIVING ME THE RUN-AROUND. THEN EARLY IN 1915 A RIFLE TEAM WAS SENT FROM SANTA CRUZ TO PARTICIPATE IN THE STATE TOURNAMENT. IT SO HAPPENED I WAS THE TOP SHOOTER IN THE NAVAL MILITIA IN THE WHOLE STATE WHICH GAVE ME A LITTLE PRESTIGE. A FEW WEEKS LATER OUR COMMANDER PRESENTED ME WITH A MEDAL AND A CHEVRON FOR 3RD CLASS RATING AS ELECTRICIAN (RADIO).

THE CRUISE IN 1915 WAS MADE ON THE USS MARBLEHEAD NGK, (THE ORIGINAL ONE) AND WE SAILED FROM SAN FRANCISCO TO SAN DIEGO AND RETURNED. THE SHIP WAS OVERRUN WITH WIRELESS OPERATORS. GUESS NO ONE WANTED THE GRAVEYARD SHIFT, SO IT WAS GIVEN TO ME (2 MID. TO 4 A.M.). DURING MY FIRST WATCH THE WATER BOAT HAD COME DOWN THE BAY FROM MARE ISLAND TO WATER THE SHIP AND SOMEHOW THEY DAMAGED THEIR RUDDER IN THE OPERATION.

DURING MY FIRST WATCH AN OFFICER BROUGHT IN A DISPATCH ADDRESSED TO MARE ISLAND NAVY YARD INFORMING THEM OF THE TROUBLE AND REQUESTING A TUG BE SENT TO TOW THE WATER BOAT BACK. ON SAN FRANCISCO BAY AT THAT TIME THE NAVY HAD TWO STATIONS, NPH AT MARE ISLAND AND NPG ON GOAT ISLAND. (I HOPE I HAVE THE CALLS CORRECT; THAT WAS A LONG TIME AGO). ANYWAY, I OPENED UP WITH MARE ISLAND AND SENT THE MSG. I HAD BUCK FEVER, SIGNALS WEREN'T TOO GOOD! I THOUGHT I HAD A QSL FOR MY TRAFFIC AND THEN SAT BACK JUST LISTENING AND TUNING AROUND. ABOUT AN HOUR LATER GOAT ISLAND CALLED ME AND TOLD ME THAT MARE ISLAND WANTED A FILL IN THE MSG. I GAVE IT TO GOAT AND LET HIM QSP IT BACK ON IT'S

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THIS IS MY STORY

DESTINATION. THE REST OF THE TRIP WAS UNEVENTFUL, EXCEPT I HAD ALERTED THE BOYS AT SANTA CRUZ AS TO WHEN WE WOULD PASS THERE SOUTHBOUND AND ON ONE WATCH I GAVE THEM A RAP. THE CHIEF OPERATOR (A REGULAR NAVY MAN) HAD HIS HAMMOCK SWUNG ON THE DECK UNDER THE WIRELESS SHACK AND HE COULD READ EVERY WORD FROM THE WHINE OF THE MOTOR-GENERATOR WHICH WAS NEARBY. HE PULLED THE SWITCH AND I WAS OUT OF BUSINESS.

THE NEXT YEAR, 1916 WE MADE THE CRUISE TO SITKA, ALASKA ABOARD THE OLD BULLDOG USS OREGON (NMZ). AGAIN THE WIRELESS SHACK WAS OVERLOADED WITH OPERATORS BY THE DOZEN. THEY SHIFTED SEVERAL OF US INTO THE GENERATOR ROOM BELOW WHERE WE STOOD WATCHES FOR THE TWO-WEEK TRIP. YEARS LATER THE OREGON WAS DISMANTLED IN PORTLAND, OREGON AND TODAY THAT SAME WIRELESS SHACK REPOSES IN THE BACK YARD OF CARL, W7HRV. CARL HAS A RIG INSTALLED IN IT WITH AUXILIARY POWER, SO THAT HE CAN GO INTO BUSINESS NO MATTER WHAT HAPPENS. THIS IS IN ADDITION TO HIS BIG RIG IN HIS HOME.

IN THE SPRING OF 1917 THINGS IN EUROPE HAD BLOWN WIDE OPEN. THE LUSITANIA HAD BEEN SUNK, THE USA WAS GETTING ANGRY. ON APRIL 6TH, ABOUT 4:00 P.M. THE TOWN FIRE SIREN GAVE 11 BLASTS AND THAT MEANT WE MILITIAMEN WERE BEING CALLED INTO ACTIVE SERVICE. WE REMAINED IN SANTA CRUZ FOR TWO WEEKS, THEN SHIPPED TO SAN FRANCISCO WHERE WE BOARDED THE USS OREGON. WE WENT INTENSIVE TRAINING AND WHILE THE SHIP LAID IN THE NAVY YARD WE WERE REQUIRED TO ATTEND THE NAVAL RADIO SCHOOL.

WITHIN A FEW MONTHS I WAS TRANSFERRED TO THE UUS MARBLEHEAD AND REMAINED THERE UNTIL AFTER THE ARMISTICE WAS SIGNED. IN 1919 AFTER LEAVING THE NAVY, JOBS WERE SCARCE SO I WENT TO THE CUSTOMS HOUSE IN SAN FRANCISCO AND WAS EXAMINED FOR RADIOTELEGRAPHIC LICENSE FIRST CLASS. THE GENTLEMAN WHO WROTE OUT THAT LICENSE WAS BERNARD H. LINDEN. I STILL HAVE A COPY OF THAT LICENSE AND MARVEL AT HIS SCRIPT HANDWRITING. UNDERSTAND HE HAS JUST RECENTLY RETIRED FROM FCC AT LOS ANGELES WHERE HE WAS ENGINEER IN CHARGE.

SINCE I HAVE WRITTEN PAST THE STRICTLY EARLY DAYS OF WIRELESS AND WHERE I WAS IN THE PICTURE, I WILL CUT THIS SHORT. AFTER SAILING MERCHANT MARINE, MOSTLY USSB VESSELS I CAME ASORE AND WENT TO WORK FOR THE BUREAU OF LIGHTHOUSE SERVICE ON THE FEDERAL AIRWAYS. THAT WAS JUST ABOUT 30 YEARS AGO. AT THE MOMENT I AM STATION MANAGER HERE AT NENANA WITH THE SAME OUTFIT, BUT OUR NAME IS FEDERAL AVIATION AGENCY. PRETTY SOON AM GOING TO PULL THE PLUG HERE IN ALASKA AND GO SOUTH AND TAKE THINGS EASY.

THANKS FOR AN INTERESTING STORY
YE OLDE COPY BOY

THERE WAS A BIG DAY IN THE LIFE OF JETHRO WHEN HE BOUGHT HIS FIRST ICE CREAM CONE. HE STEPPED OUTSIDE THE STORE TO EAT IT. WHEN HE HAD FINISHED, HE RETURNED WITH THE EMPTY CONE AND OFFERED IT TO THE MAN BEHIND THE COUNTER.

"MUCH OBLIGED" HE SAID, "FOR THE USE OF YOUR HOLDER."

ZEKE CAME INTO TOWN CARRYING A JUG UNDER ONE ARM AND A SHOTGUN UNDER THE OTHER. HE WALKED UP TO A STRANGER, LEVELED THE SHOTGUN AT HIM AND ORDERED HIM TO DRINK FROM THE JUG.

COUGHING AND SPLUTTERING,,THE STRANGER SAID, "TARNATION, THAT'S HORRIBLE STUFF!"

YEA, AINT IT?" AGREED ZEKE. "NOW HOLD THE GUN ON ME WHILE I TAKE A SNORT."

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A GEM FROM ART WINF



"P-L-A-S-T-I-C... THAT'S IT, THEY'VE GOT A PLASTIC METER!"

ART'S LETTER BELOW.

DEAR OT:

I RECEIVED THE ENCLOSED CATALOGUE OF HELIPOTS ETC. TODAY AND ON PAGE 2 I SAT AND LAUGHED 10 MINUTES OR SO. THE APPARENT MOVIE COMPANY IDEA OF HOOK-UP IS A DIZZY. THE 1/4 KW SPARK TRANSFORMER IS BETWEEN THE LOOSE COUPLER AND THE DETECTOR! AND JUST FOLLOW THE LEADS! NOTE THE CONNECTIONS TO THE ANTENNA SWITCH ETC. I ASK YOU AIN'T THAT SUMPIN'?

THE PHOTO IS SO CLEAR I THOUGHT PERHAPS A FULL PAGE IN THE TIMES WOULD STIRR UP PLENTY OF NOSTOLGIA.

I DO NOT RECALL WHETHER I SENT YOU MY PHOTO OR NOT, AND I HAVEN'T HAD AN OPPORTUNITY TO SIT FOR ONE, COULD YOU USE THE ENCLOSED BEST ONE? ONE OF THESE WAS USED IN MY YASME NEWS COLUMN AND SEEMED OK. HOWEVER, IF ANY OF THEM WILL NOT DO, LET ME KNOW AND I WILL SEE WHAT I CAN DO.

I ENJOY THE TIMES VERY MUCH. AND IT IS INTERESTING TO NOTE THAT LIL OLE MASSACHUSETTS SEEMS TO BE WELL REPRESENTED IN THE HISTORY OF WIRELESS.

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A GEM FROM ART WINF

INCIDENTALLY, DID I EVER SEND YOU A HISTORY OF MY CAREER FOR THE BLUE BOOK?

AM STILL WORKING AS ELECTRONIC SUPERVISOR (LEADINGMAN) AT THE BOSTON NAVAL SHIP YARD. DRIVE 20 MILES TO WORK AND BACK DAILY, ALL KINDS OF WX AND AM 68 YEARS OLD LAST JUNE 20.

AM ON 20 METER CW MOSTLY, NEAR 14020. DO SOME 2 METER WORK. RIG IN THE CAR AND SHACK ON 2. CD ETC.

WELL EARL, HOPE YOU GET A SMILE OUT OF THE PICTURE IN THE CATALOGUE OF THE OLD HAM RIG, AND DON'T FEEL YOU MUST GET THE PICTURE IN THE TIMES; I JUST THOUGHT THE BOYS WOULD GET A BANG OUT OF IT. SO, WITH SINCEREST WISHES AND SK FOR NOW,

73

ART E. ERICSON, WINF
Box 212 BEVERLY, MASS.

THIS IS EXCELLENT MATERIAL AND I AM SURE THE MEMBERS WILL GET AS BIG A BANG OUT OF IT AS I DID. COULD USE MORE. YE OLDE COPY BOYE.

CHANGE OF ADDRESS NOTICES ETC.

THE TASK OF MAILING LITERATURE TO OUR MEMBERS IS A TIMETAKING AND ARDUOUS ONE. OUR VERY EFFICIENT AND HARDWORKING SECRETARY DOES THIS JOB WITHOUT COMPLAINT AND WITH PATIENCE. THE MATTER OF CHANGE OF ADDRESS IS ONE THAT SHOULD BE UNDERSTOOD. WITHOUT A NOTICE OF CHANGE OF ADDRESS, THE LITERATURE GOES ASTRAY AND THE MEMBER ASKS WHY HE HAS NOT RECEIVED SPARK-GAP TIMES OR OTHER LITERATURE. OUR SECRETARY CANNOT SEND MAIL TO YOU WITHOUT KNOWING YOUR ADDRESS.

SOME TIME AGO A POLICY WAS ADOPTED OF REQUESTING THE RETURN OF UNDELIVERED MAIL. IN THIS WAY MOST CHANGES OF ADDRESS WERE DISCOVERED. THIS IS, HOWEVER EXPENSIVE AND MORE IMPORTANT, IS ADDING TO THE ALREADY TOO HEAVY BURDEN OF THE SECRETARY. HOW ABOUT SOME COOPERATION IN THIS MATTER FELLOWS? THANKS A LOT FELLOWS.

RADIO AND PILOT'S LICENSE

SOME TIME AGO WHILE IN QSO WITH K4KXP, GENE RODERICK, HE ASKED YE OLDE COPY BOY IF HE WAS FAMILIAR WITH ANY CLUB OF AMATEURS WHO HOLD BOTH RADIO AND PILOT'S LICENSE. KNOWING THAT W2EG IS ONE OF THOSE CRITURS I REQUESTED EARL TO GIVE GENE SUCH INFORMATION AS HE HAD ON THE SUBJECT. EARL'S RESPONSE WAS TO THE EFFECT THAT COULD NOT GIVE HIM ANY DEFINATE INFORMATION BUT REFERRED HIM TO CLIFF EVANS, K6BX, "73", "CQ" OR OTHER MAGAZINES. WONDER IF SOME OF YOU GENTS COULD GIVE ON THIS TOPIC. IF SO PLEASE DROP W2EG A LINE AND THE INFORMATION WILL BE PASSED ON TO GENE AND WILL ALSO BE PUBLISHED IN THE NEXT ISSUE OF SPARK-GAP TIMES.

DOES ANYONE KNOW OF THE PRESENT WHEREABOUTS OF THE FOLLOWING FRIENDS OF ONE OF OUR MEMBERS? VERNON FULLER, LAST KNOWN ADDRESS DORCHESTER, MASS. AND CARL E. DAVID, LAST KNOWN ADDRESS FRAMINGHAM, MASS. ADVISE THE SPARK - GAP TIMES, OR THE SECRETARY.

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WISDOM AND WIRELESS

By

HOWARD S. PYLE W7OE

DEAR EARL:

IN THE LAST ISSUE (JUNE 1962) OF SPARK-GAP TIMES, PAUL WATSON'S STORY ON PAGE 8, "DID THE OLD REGENERATIVE RECEIVERS RADIATE?" BROUGHT BACK NOSTALGIC MEMORIES.

DURING A TWO-YEAR TOUR OF DUTY AS AN OPERATOR AT THE U.S. NAVAL RADIO STATION NVH AT KETCHIKAN, ALASKA IN 1918-1919, I DISCOVERED THAT RADIATING PHENOMENA PROVED TO BE A DISTINCT ADVANTAGE.

WE WERE EQUIPPED WITH A 25 KW SYNCHRONOUS ROTARY SPARK GAP TRANSMITTER OPERATING AT ABOUT 3800 METERS AND WITH WHICH WE COMMUNICATED WITH A SIMILAR STATION AT ASTORIA, ORE. FOR MARINE TRAFFIC, WE USED A 5 KW NON-SYNCHRONOUS ROTARY SPARK SET-UP.

AS PRACTICALLY ALL VESSELS ENTERING ALASKAN WATERS, OR LEAVING ALASKA FOR SEATTLE, CUSTOMARILY MADE STOPS AT KETCHIKAN, THEY PASSED WITHIN A MILE OF THE STATION THROUGH REVILLAGEGEDO CHANNEL ON THE BEACH OF WHICH WAS NVH.

TO GET THEIR ARRIVAL AND DEPARTURE REPORTS AND ACKNOWLEDGE THEM MEANT STARTING THE 5 KW RIG WHICH HAD A NORMAL DAYTIME RANGE OF ABOUT 600 MILES BUT AT NIGHT HAD BEEN HEARD MANY TIMES IN JAPAN, SOUTH AMERICA AND THE BERING SEA. YOU CAN IMAGINE THE QRM WHICH SUCH SUCH A HALF-MILE COMMUNICATION CAUSED TO OTHER SHIPS AND SHORE STATIONS!

AFTER A FEW REPORTS FROM VISITING MARINE OPERATORS THAT THEY COULD ALWAYS TELL WHEN THEY WERE APPROACHING KETCHIKAN BY THE INCREASINGLY LOUD WHISTLE FROM OUR SE-143 REGENERATIVE RECEIVER, WE DECIDED TO EXPERIMENT A BIT. WE INSTALLED A HAND KEY WITH A SHORTING SWITCH IN THE RECEIVER GROUND LEAD BY BRINGING UP THE TICKLER COIL TO AN OSCILLATING POSITION, AND HAD NO TROUBLE WORKING SHIPS IN THE CHANNEL AND AS FAR AS 25 TO 30 MILES FROM NVH. WE RECEIVED EXCELLENT SIGNAL REPORTS AND INTERFERRED WITH NO ONE, ALTHOUGH WE WERE OCCASIONALLY REPORTED FROM PETERSBURG AND WRANGELL, ALASKA, U.S. ARMY STATIONS 100 TO 150 MILES TO THE NORTH AND FROM PRINCE RUPERT, B.C., SOME 60 MILES TO THE SOUTH AND ON SEVERAL OCCASIONS EVEN PT. ESTEVAN, ON VANCOUVER ISLAND ABOUT 300 MILES SOUTH, REPORTED READABLE SIGNALS!

FROM THEN ON, WE HABITUALLY USED THIS METHOD TO WORK ALL CLOSE-IN VESSELS WHO WERE EQUIPPED WITH OSCILLATING VACUUM TUBE RECEIVERS. OBVIOUSLY, THE MANY VESSELS STILL THEN EQUIPPED WITH CRYSTAL DETECTORS WERE UNABLE TO HEAR OUR CW SIGNALS, BUT MORE AND MORE OPERATING COMPANIES WERE ADDING SUCH RECEIVERS TO THEIR SHIPS SO THIS TYPE OF OPERATION RAPIDLY GREW.

"YB" OF W7OE

WHEN SILENCE WAS GOLDEN

By

HOWARD S. PYLE W7OE

HERE'S A LITTLE ANECDOTE WHICH MAY AMUSE OUR READERS, ALL OF WHOM REMEMBER BACK IN THE 1920'S WHEN ALL HAMS WERE REQUIRED TO OBSERVE "SILENT HOURS" EACH EVENING AND SUNDAY MORNINGS WHEN CHURCH SERVICES WERE BEING BROADCAST.

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WHEN SILENCE WAS GOLDEN

I WAS AN ASSISTANT RADIO INSPECTOR THEN, WITH THE OLD DEPARTMENT OF COMMERCE. AMONG MANY VARIED DUTIES, I MONITORED THE AMATEUR WAVE-LENGTHS EACH EVENING TO LOG VIOLATORS OF THE SILENT HOURS. I WAS AUTHORIZED TO USE A LITTLE TWENTY-WATT TRANSMITTER SIGNING 8RI AT MY HOME IN DETROIT FOR THE PURPOSE OF CALLING ANY VIOLATORS WITHIN RANGE AND KNOCKING THEM OFF. AS A WHOLE, THE HAM FRATERNITY PRETTY WELL RESPECTED THE SILENT PERIODS BUT THERE WERE AN OCCASIONAL FEW WHO TRIED TO BEAT IT.

ONE NIGHT I PICKED UP A NICE, READABLE "CQ" FROM AN ICW HAM, RIGHT IN THE MIDDLE OF THE SILENT HOURS. HE DRAGGED IT OUT APPARENTLY WITH NO THOUGHT THAT HE MIGHT BE HEARD BY THE POWERS THAT BE. WHEN HE SIGNED OFF WITH A NINTH DISTRICT CALL, I GAVE HIM A SHOUT. SURE ENOUGH, BACK HE CAME AT ONCE. WHEN HE FINISHED THE USUAL SPLATTER ABOUT SIGNAL STRENGTH, HIS POWER AND THE WEATHER IN HIS INDIANA TOWN, I GAVE HIM A SHORT RUN-DOWN ON OUR WEATHER AND THEN ASKED HIM, "HOW COME YOU ARE OPERATING DURING SILENT HOURS?" (HE COULD HAVE ASKED ME THE SAME THING BUT FOR SOME REASON DIDN'T.) WHAT HE DID SAY THOUGH, WAS, "HA, HA; THE RADIO INSPECTOR DOESN'T KNOW IT!" SO, ONMY RETURN TO HIM I SIMPLY SAID, "BUT THIS IS THE RADIO INSPECTOR."

OH, BOY! BEFORE I MADE THAT CRACK HE HAD A PRETTY DECENT FIST, EASILY READABLE. BUT FROM THE ALMOST UNINTELLIGIBLE GIBBERISH WITH WHICH HE CAME BACK, HE MUST HAVE BEEN SHAKING LIKE A LEAF IN A HIGH WIND. THE GIST OF HIS REMARKS ALL HAD TO DO WITH HOW SORRY HE WAS AND HE WOULD GO OFF THE AIR IMMEDIATELY AND NOT BE GUILTY OF SUCH A VIOLATION AGAIN! EVIDENTLY HE PULLED THE BIG SWITCH RIGHT THEN; MAYBE HE STUCK TO HIS RESOLVE TO BE A GOOD BOY FROM THEN ON; I DON'T KNOW. . . . I NEVER HEARD FROM HIM AGAIN!

END

EXCERPT FROM A LETTER

BY

BILLY ZARTH KIKWL

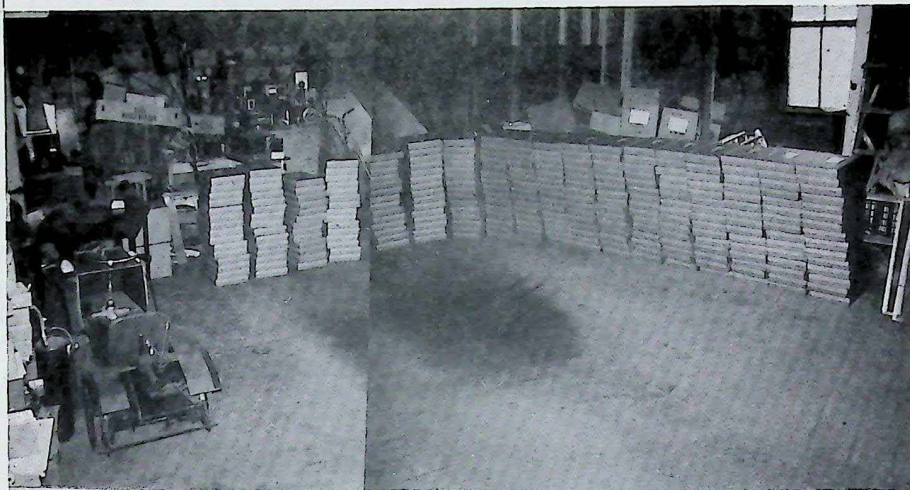
IT SEEMS THAT A CERTAIN OLD REPROBATE WHOM WE WILL CALL BILL, WAS LOAFING IN HIS OFFICE AS USUAL, WHEN HE STARTED THINKING OF THE MANY, MANY VIRTUES OF HIS GOOD WIFE ANNE OVER 36 YEARS OF THEIR MARRIED LIFE, ESPECIALLY WHEN HIS XYL MADE HIM TAKE ALL HIS JUNK, TRANSMITTER, RECEIVER CLAPTRAP OUT OF THE CELLAR AND TOLD HIM TO RIG IT UP IN HIS BEDROOM. THIS WAS HEAVENLY MUSIC TO THE OLD OLD TIMERS EARS.

THAT'S WHAT MADE HIM MAKE UP HIS MIND, SO HE WENT HOME EARLY, PICKED UP A NICE COR-SAGE ON THE WAY AND A BOX OF CANDY, SNUCK AROUND TO THE BACK, ENTERED THE KITCHEN AND SAID, "SWEETHEART, YOU'VE BEEN SO GOOD TO ME," AND HOLDING FORTH THE FLOWERS AND CANDY CONTINUED, "SLIP ON YOUR DRESS AND THINGS, I'M OUT FOR THE FINEST SHOW AND THE BEST DINNER WE CAN FIND, AND THEN TO A DANCE, WHAT SAY HONEY?"---ANNE, SOMEWHAT ALARMED, TURNED AROUND AND WITH TEARS STREAMING DOWN BITH OF HER CHEEKS, SAID, "BILL! HOW COULD YOU? I WAS CLEANING THE HOUSE WHEN THE VACUUM CLEANER STOPPED---I PUT THE WASH IN THE MACHINE AND THE MOTOR BURNED OUT---I CAME UPSTAIRS FROM THE LAUNDRY, SLIPPED ON THE STAIRS AND SKINNED MY SHINS; I'VE BEEN HOBBLING AROUND ALL DAY AND NOW STANDING OVER THIS HOT STOVE TRYING TO GET A MEAL COOKED FOR YOU, HOT FAT SPLASHED UP AND BLISTERED MY HAND, AND IF THAT WERE NOT ENOUGH, HERE YOU ARE COMING HOME DRUNK! BILL, HOW COULD YOU?"

GOSH, BILL, HOW COULD YOU?

TALL GIRL-- "DO YOU HAVE A SKIRT THAT WILL MAKE ME LOOK SHORTER?"
SALESGIRL-- "NO BUT I HAVE ONE THAT WILL MAKE EVERYONE ELSE LOOK LONGER."

SEE WHAT I MEAN?



BLUE BOOK MAILINGS*ANYONE WANT TO BE SECRETARY

THE ABOVE IS JUST A SAMPLE OF WHAT OUR HARDWORKING SECRETARY HAS TO DO IN ORDER TO KEEP OOTC MAILINGS UP TO DATE. AGAIN, LET ME REPEAT, "GET THE LEAD OUT AND ADVISE EARL OF ANY AND ALL CHANGES OF ADDRESS PROMPTLY."

FROM KØMOA, E.W. FREEMAN
Box 57, YANKTON, S.D.

WHO HAS ANY OF THE FIRST EIGHT ISSUES OF QST TO TRADE? I HAVE DUPLICATES AND TRIP-
LICATES OF THE NEXT FOLLOWING 36 ISSUES TO TRADE WITH.

TWO MEN WERE DISCUSSING WHAT TO WEAR TO A COSTUME PARTY GIVEN AT A NUDIST CAMP. WELL, SAID
ONE, "WITH MY VARICOSE VEINS, I THINK I'LL GO AS A ROAD MAP."

YOUNG MAN ARE YOU SURE YOU CAN SUPPORT A FAMILY?" "NO SIR, I'M NOT. BUT I WAS PLANNING
TO SUPPORT JUST YOUR DAUGHTER. THE REST OF YOU WILL HAVE TO SHIFT FOR YOURSELVES."

A WOMAN RUSHED INTO A DOCTOR'S OFFICE WITH HER TWO SONS AND ASKED BREATHLESSLY,
"CAN A 12-YEAR-OLD TAKE OUT A 10-YEAR-OLD BOY'S TONSILS?"

"OF COURSE NOT," SMILED THE DOCTOR.

"SEE," SHE SAID TO THE OLDER BOY. "WHAT DID I TELL YOU. NOW YOU JUST PUT THEM RIGHT BACK
IN."

WIFE, SNUGGLING CLOSE TO HUSBAND- "YOU USED TO KISS ME." SO HE KISSED HER ON THE
CHEEK. YOU USED TO HOLD MY HAND.-HE GENTLY TOOK HER HAND.

"YOU USED TO BITE ME ON THE NECK."- HE QUICKLY LEFT THE ROOM.--"WHERE ARE YOU
GOING?"---"TO GET MY TEETH, DEAR."

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100 YEARS OF HAMING. INSTALLMENT I.
THE SPARK; C.W., SSB, RTTY FAMILY STORY EGAD!
A FICTITIOUS TALE OF THE PAST AND AN ATTEMPT TO PREDICT THE FUTURE

MAY HUGO GERNSBACK REST IN PEACE.

MR. AND MRS. Y.R. LESS ANNOUNCE THE ENGAGEMENT OF THEIR DAUGHTER MISS TELLY GRAPH TO MR. MARK CONEY. THE MARRIAGE WILL TAKE PLACE ON JANUARY 1, 1898. MISS GRAPH IS MRS. LESS'S DAUGHTER BY A PREVIOUS MARRIAGE. THE BRIDESMAIDS WILL BE LIMITED TO MISS CO. AND SO "MARCONI WIRELESS TELEGRAPH CO. LTD. WAS FOUNDED."

IN DUE COURSE ON JANUARY 1, 1898, MR. MARK CONEY AND MISS TELLY GRAPH WERE MARRIED. THIS HAPPY EVENT TOOK PLACE IN LONDON, ENGLAND. THEY WERE VERY MUCH IN LOVE AND IT WAS NOT LONG BEFORE THEIR FIRST OFFSPRING WAS ON THE WAY. THEY HOPED THAT THIS NEW ARRIVAL WOULD BE A BOY, FOR TELLY HAD A NAME ALL PICKED OUT FOR HIM. THE NAME WAS SAMUEL SAUL SHADRACH CONEY. THEIR WISH WAS FULFILLED AND IN NINE MONTHS TIME A LOVELY BABY BOY ARRIVED. MARK COULD NOT STAND THESE BIBLICAL SOUNDING NAMES AND SIMPLY CALLED HIS SON SSS.

MARK AND TELLY HAD A HARD TIME TO MAKE BOTH ENDS MEET, EVEN THOUGH THEY WERE BOTH WORKING. MARK WAS A PECULIAR SORT OF A CHAP AND HAD GREAT IDEAS REGARDING SSS'S EDUCATION AND BRINGING UP. HE WANTED THE BOY'S IMAGINATION TO RUN WILD, SUPPLY HIM WITH MONEY AND SEE WHAT WOULD HAPPEN.

THEY WERE AN ADVENTUROUS COUPLE AND DECIDED TO SAIL FOR AMERICA. NOW IN THOSE DAYS THIS WAS CONSIDERED A VERY LONG VOYAGE AND IT WAS FULL SIX WEEKS BEFORE SSS AND FAMILY ARRIVED ON THE OTHER SIDE OF THE ATLANTIC. I WILL TAKE A GUESS THAT THEIR AVERAGE SPEED WAS ABOUT FIVE MILES PER HOUR.

SSS WAS A HEALTHY BOY WITH AN INQUISITIVE MIND, AS YOU WILL SEE IN THE MANY YEARS TO FOLLOW, BUT THIS VOYAGE WAS ALMOST TOO MUCH FOR HIM. TO HIS DYING DAY HE SHOWED THE EFFECT OF THE TERRIBLE ROLL OF THE SHIP AND HIS HEAD HAD A TENDANCY TO FOLLOW THIS ROLL. IT WAS NOT UNTIL MANY YEARS LATER THAT THIS TROUBLE WAS PIN POINTED AND GIVEN A NAME, (OSCILLATEITUS) AND A REMEDY FINALLY DISCOVERED.

NOW LET'S JUMP A FULL SIXTY YEARS AHEAD TO 1962. WE THINK WE ARE PRETTY SMART THESE DAYS AND TALK ABOUT SPEEDS OF 20,000 MILES AN HOUR AS BEING FAST. WELL, LET ME TELL YOU SOMETHING, IN 1901 JUST THREE YEARS AFTER MARK'S SON WAS BORNE, AN ITALIAN GENTLEMAN WITH A QUITE SIMILAR NAME TO MARK'S, AND A SIMILAR BRAIN CHILD, NAMELY SSS, MANAGED TO SET AN ALL TIME SPEED RECORD. HE GOT HIS SSS ACROSS THE ATLANTIC AT 186,000 MILES PER SECOND. I AM AFRAID TO FIGURE OUT HOW MUCH FASTER THIS WAS THAN IT TOOK MARK'S SON TO CROSS, BUT WE MIGHT FEED IT INTO ONE OF OUR MODERN ELECTRONIC COMPUTERS AND SEE WHAT COMES OUT.

THIS RECORD, SET IN 1901, OF 186,000 MILES PER SECOND IS WHAT WE SHOULD TRY TO EXCEED, AND WHEN WE DO ALL KINDS OF INTERESTING THINGS MAY HAPPEN. WE WILL BE ABLE TO SET BACK TIME AND BECOME YOUNGER INSTEAD OF OLDER. THIS FACT MAY HAVE SOME COMPLICATIONS, ESPECIALLY FOR THE VERY YOUNG. OUR WIFE'S INCISIONS SHOULD BE FITTED WITH ZIPPERS SO THEY WILL BE ABLE TO RECEIVE, AS WELL AS PRODUCE WITHOUT MUCH DIFFICULTY. THIS EMBARRASING FACT SHOULD NOT BE TAKEN TO HEART HOWEVER, FOR I AM SURE A SOLUTION WILL BE FOUND BEFORE THE MAJORITY OF US REACH ZERO YEARS.

WITHOUT A SHADOW OF DOUBT, THIS PROVES THAT WE STILL HAVE A LONG WAY TO GO. JUST THINK OF THE SPEED INCREASE IN A SHORT PERIOD OF THREE YEARS AND THEN IMAGINE WHAT WE SHOULD STRIVE FOR. LIGHT YEARS ARE ALTOGETHER TOO SLOW AND WE WILL HAVE TO DEVISE ANOTHER SYSTEM OF MEASURING DISTANCE. WE WANT TO BE ABLE TO HAVE BREAKFAST ON EARTH, STOP AT THE MOON FOR OUR COFFEE BREAK, ON TO MARS FOR LUNCH AND THEN EXPLORE A FEW HUNDRED LIGHT YEAR PLANETS, AND BE BACK FOR DINNER AT LEAST BY 9 P.M.

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100 YEARS OF HAMMING

WELL, I HAVE COVERED ABOUT THREE YEARS AND STILL HAVE 97 TO GO. SSS OR SPARKS AS HE WAS CALLED LATER, WAS FAR TOO YOUNG TO ENTER MUCH INTO THE PICTURE, BUT IF YOU WANT TO HEAR ALL ABOUT HIS EXPLOITS FROM CHILDHOOD, THRU THE FIRST WORLD WAR, HIS CHILDREN, NAMELY CW, AM, SSB, & RTTY, HIS BUSINESS CAREER, HIS DEFENSE WORK IN THE SECOND WORLD WAR AND HIS FINAL RETIREMENT, JUST CONTINUE TO READ SPARK-GAP TIMES.

IF THE MAJORITY OF YOU OOTC'S SEEM INTERESTED IN THIS MYTHICAL TALE, OR SIMPLE FOOLISHNESS, AS I CALL IT, I WILL SEND IN INSTALLMENTS FOR FUTURE PUBLICATION. SPARKS' PLAY THINGS WILL BE HAM GEAR THAT HE MAKES AND GETS ON THE AIR WITH A SPARK RIG IN ABOUT 1910. HE WILL GO THROUGH THE FIRST WORLD WAR IN THE NAVY AND HAVE MANY EXCITING EXPERIENCES. AFTER THE WAR HE WILL BE IN THE FIRST TRANSATLANTIC TESTS AND WIN MANY AWARDS. HE WILL HAVE A FAMILY AS STATED ABOVE. HE WILL ENTER FIELDS DAY CONTESTS. AROUND 1924 HE WILL BE TAKEN SICK AND HAVE TO GRADUALLY GIVE UP, BUT NOT WITHOUT MANY A FIGHT FOR SURVIVAL HOWEVER. DOCTOR FCC WILL FINALLY ORDER HIS COMPLETE RETIREMENT AND THE CHILDREN WILL FIGHT IT OUT AMONGST THEMSELVES. HE WILL HAVE OTHER HOBBIES BESIDES HAM RADIO AND HIS WORKSHOP WILL BE SOMETHING THAT ALL OF US HAVE DREAMED ABOUT BUT HAVE NEVER FINALLY COMPLETED.

DURING THE SECOND WORLD WAR SPARKS WILL BE ACTIVE IN AN ADVISORY CAPACITY AND ALL THE CHILDREN WILL BE IN THE SERVICES. A CONTRAPTION SIMILAR TO THE WOOF-HONG BUT CALLED THE FISH-HONG WILL HELP TO RESTORE ORDER MANY TIMES. HE WILL FINALLY RETIRE TO HIS FARM WHERE HE WILL DO RESEARCH WORK AND DREAM ABOUT THE FUTURE.

H. B. WILDER VE2SF
364 GLENGARRY AVE.,
MONTREAL 16,
CANADA.

NICE GOING HB, THIS IS SPLENDID MATERIAL. BELIEVE I CAN ANSWER FOR THE OTHER MEMBERS. LET'S HAVE MORE OF THE SAME. THANKS A LOT.---YE OLDE COPY BOYE.

W2EG HAS SENT SOME OF THE LETTERS OF THANKS AND CONGRATULATIONS ON THE PRODUCTION OF THE BLUE BOOK TO YE OLDE COPY BOYE FOR HIS PERUSAL AND TO BE TURNED OVER TO OUR VERY FINE BLUE BOOK EDITOR. BERT AND EARL HAVE BOTH REQUESTED THAT THESE LETTERS BE ACKNOWLEDGED IN SPARK-GAP TIMES WITH THANKS. CERTAINLY THESE CONGRATULATIONS ARE AN INSPIRATION TO BERT AND EARL AND JUSTIFIES THE LABOR PUT INTO THIS PROJECT. THANKS AGAIN FELLOWS FOR YOUR LETTERS OF APPRECIATION. IT MAKES THE JOB A JUSTIFICATION FOR THE EFFORT.

IF YOU WANT SOMETHING DONE, ASK THE BUSY MAN; HE ALWAYS HAS TIME TO DO IT.

HERB BEERING, WIGDY/WIGE, WOULD LIKE TO KNOW THE WHEREABOUTS OF HIS OLD PAL, CHARLES ROLAND LEUTZ. CAN ANYONE HELP? IF SO PLEASE ADDRESS:

HERB BEERING
291 PARK STREET.
WEST ROXBURY, MASS.

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WØCVU, CHAS. W. BOEGEL JR.
HONORED

THE FOLLOWING IS COPY OF LETTER RECEIVED FROM WØVU-----

I ENJOY SPAR-GAP TIMES VERY MUCH, AND EVERY ISSUE IS FULL OF LOTS OF NEWS AND FINE READING.

POSSIBLY YOUR READERS AND MEMBERS WOULD LIKE TO KNOW THAT A SIGNAL HONOR WAS GIVEN ME BY THE RADIO SOCIETY OF GREAT BRITAIN, WHO HAVE BEEN IN EXISTANCE 50 YEARS AS A CLUB AND ORGANIZATION.

I AM THE FIRST AND ONLY AMATEUR IN THE WORLD AWARDED THE EMPIRE DX CERTIFICATE ON TWO WAY SINGLE SIDE BAND.

THIS CERTIFICATE WAS ALL HAND DRAWN AND COLORED AND IS INDIVIDUAL IN EVERY RESPECT AS IT WAS DONE BY THEIR OWN DRAFTMAN IN ENGLAND.

THIS CERTIFICATE WAS MOST DIFFICULT TO QUALIFY FOR, EVEN THOUGH THIS AWARD HAS BEEN IN EXISTANCE FOR 25 YEARS ON OTHER MODES OF TRANSMISSION SUCH AS AM AND CW, I AM THE FIRST AND ONLY ONE TO QUALIFY ON TWO WAY SSB!!! THE AMATEUR MUST WORK 100 AREAS OF THE BRITISH COMMONWEALTH. 50 OF THESE AREAS ON 20 METERS, AND 50 ON OTHER BANDS. IT TOOK ME FIVE YEARS TO ACCOMPLISH THIS ACHIEVEMENT.. AND LOTS OF HARD WORK.

I HAVE HAD MENTION OF THIS IN THE LEADING RADIO PUBLICATIONS, AND ALSO ON TV AND RADIO HERE IN CEDAR RAPIDS, IOWA, SHOWING THIS TO THOUSANDS OF VIEWERS AND LISTENERS FOR MANY HUNDREDS OF MILES AROUND.

HOPING THIS MAY BE OF INTEREST TO THE MEMBERSHIP, I AM

YOURS SINCERELY, WØ CVU

CHAS. W. BOEGEL, JR.
1500 CENTER POINT ROAD, N.E.
CEDAR RAPIDS, IOWA.

I AM SURE THAT ALL OF OUR MEMBERS JOIN YE OLDE COPY BOYE IN CONGRATULATING ON THIS MOST NOTABLE ACHIEVEMENT. IT ALWAYS ADDS TO THE PLEASURE OF YE OCB TO REPORT ON HONORS TO OUR MEMBERS. KEEP UP THE GOOD WORK CHUCK. GOSH CHUCK, I ALMOST FORGOT TO ADD THE POSTSCRIPT.

PS: LOOK IN CQ MAGAZINE FOR SEPTEMBER, PAGE 58 FOR MY PICTURE AND WRITE ON THIS EMPIRE DX CERTIFICATE. C.W.B.

ELMO NEALE PICKERILL

A VERY INTERESTING LETTER WAS RECEIVED FROM W6KAA, OUR VRY GOOD FRIEND TOM STEVENS, IN WHICH HE ENCLOSED AN INVITATION HE HAD RECEIVED FROM THE SMITHSONIAN INSTITUTION FOR THE PRESENTATION OF A BRONZE SCULPTURE OF MR. PICKERILL. ALTHOUGH NOT A MEMBER OF OOTC, MR. PICKERILL IS A FRIEND OF MANY OOTC MEMBERS AND IS KNOWN TO A HOST OF OTHERS. IT WAS THOUGHT OF SUFFICIENT INTEREST TO OUR MEMBERS TO INCLUDE THE CITATION ON THE REVERSE SIDE OF TOM'S INVITATION AND FOLLOWS:

THE FIRST TWO-WAY RADIO COMMUNICATION BETWEEN AN AIRPLANE IN FLIGHT AND THE GROUND WAS ESTABLISHED BY ELMO NEALE PICKERILL. THIS HISTORIC EVENT OCCURRED ON AUGUST 4, 1910, DURING A FLIGHT BETWEEN MINEOLA AND MANHATTAN BEACH, LONG ISLAND, N.Y. PICKERILL HAD BEEN TAUGHT TO FLY BY ORVILLE WRIGHT THAT SAME YEAR.

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MEMBERS LISTED IN 1913 GOVERNMENT CALL BOOK

PRESENT CALL NAME	1913 CALL	PRESENT CALL NAME	1913 CALL
WIAE	GEO. E. STERLING IAE	WIAI	OLIN C. BROWN IAI
WIAN	CHESTER A. KENNEDY IAC	WIAT	A. RALPH TABBUT IAK
WIDIO	SEBASTIAN GAHM IJL	WIDQ	HAROLD C. BOWEN IKO
WIED	ALFRED J. CARVER 8ED	WIGJ	RICHARD M. DANIELS IGJ
WIGV	MALCOLM H. SMITH IGN	WIHW	HENRY T. MONROE IHW
WIIH	LAWRENCE S. BENNETT IHY	WIIV	CLARK B. MERRILL IHQ
WIJV	FEARING PRATT IJG	WILV	IRVING E. CUTTING 9AI
WIMH	GEO. W. VAUGHAN 2MG	WIPH	EDW. E. HAYWARD IJE
WIRL	FRANCIS W. DANE IJU	WIRM	ALAN W. BURKE IHI
WIRZ	ALBERT E. SNOW IJF	WITK	JOHN E. WILKINSON IKN
WIUA	HAROLD T. HARGRAVES IUA	WIUE	GEORGE H. JETTE IUE
WIVR	THOS. R. PENNY PACKER IKF	K2BA	HARRY M. ASH 2BA
K2BF	WILLIAM N. BAKER 2LU	W2BM	EARL HERMANC 2BM
W2BO	M.A. MCINTIRE 2DF	K2CR	RICHARD D. ZUCKER 2DB
K2DZ	PERCE B. COLLISON 2KN	W2EG	EARL C. WILLIAMS 2EA
W2FG	CLARENCE H. PFEIFER 2FA	W2IL	TELFER C. COOPER 2DR
W2IY	EDW. W. DUGAN 2IY	W2JF	ANTON C. FREY 2JF
W2LP	LAWRENCE J. DUNN 2LM	W2MDB	JOHN N. HERLAND 1JY
W2WE	S. FRANKLIN MACK 6SF	W2WJ	W. HOLLIS HOFFMAN 3BT
W2WL	WALLACE H. LELAND 6WL	W2WX	RICHARD S. EGOLF 2LE
W2YGI	ALFRED S. CRESSE 3BU	W3WS	KARL G. KRECH 2BR
W3PW	JOS. C. VAN HORN 3CH	W4TY	ROBT. S. FENIMORE, SR. 3JU
W4VG	STANLEY G. SAULNIER 2KT	K6BE	GORDON C. FARMER 6GF
W6BG	WILLIAM G. GERLACH 6GE	K6BT	CHAS. E. RICHARDSON 6EB
W6AG	GALE H. JOHNSON 7GY	W6CK	FORREST I. PHIPPENY 8CX
K6DG	KNOX W. NICHOLSON 6KN	W6EA	HOWARD C. SEEFRED 6EA
K6EGD	JULIAN A. MEERSSEMAN 2FC	K6EK	CHARLES A. MAX 6MA
WA6FLB	DEFOREST MOCKER 6AV	W6GW	HOWARD A. COOKSON 6DI
W6IN	GEORGE T. DROSTE 2EU	K6IS	WALTER A. KOERBER 6WK
W6JE	HERBERT C. GRUNDELL 6DP	W6JF	BENJ. B. JACKSON 2EX
W6KHR	ALFRED S. DEWALD 6DW	W6PO	HAROLD SACHS 2DM
W6YI	LARRY J. BARTON 6LB	W7COH	TOWNSEND J. RIGBY 6DU
W7HF	GEORGE D. WILSON 7GW	W7OE	HOWARD S. PYLE 7HP
W8DG	DANIEL C. MCCOY 2HA	W8DJ	EDMUND H. BREMER 8DG
W9WK	CARROLL W. THOMAS 9AH	VEIAJ	JOSEPH J. HOLMES 6DQ

COMPILED FOR OLD OLD TIMERS CLUB
BY

WILLIAM B. GOULD--K2NP-ex WINP

OUR THANKS FOR YOUR PAINSTAKING AND THOROUGH JOB, BILL, AND FOR YOUR KEEPING THIS LIST UP TO DATE AS YOUR RESEARCH DISCLOSES. ---EEC W4PPZ

IMPORTANT NOTICE FROM THE SECRETARY

THE "BLUE BOOK" NOW INCLUDES INSERTIONS FOR THE 1ST DISTRICT. BALANCE OF INSERTIONS WILL BE SENT IN GROUPS OF ONE OR MORE DISTRICTS, AS THEY ARE PREPARED, UNTIL COMPLETED AT NO EXTRA COST. (SEE NEXT PAGE).

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THE PRICE OF THE BLUE BOOK TO MEMBERS IS \$3.00

REMITTANCE SHOULD BE SENT TO THE SECRETARY-TREASURER. THOSE WHO FEEL THAT THEY DO NOT DESIRE THE BOOK MAY RETURN IT.

EARL C. WILLIAMS W2EG
SECRETARY-TREASURER
507 WAYSIDE ROAD
NEPTUNE, N.J.

MORE INTERESTING COMMENTS BY W6KAA

1. THE ARTICLE BY JOHN H. HERLAND, W2MDB, REGARDING THE MESSAGE SENT TO THE AMATEURS IN THE BOSTON AREA, WHICH IF COPIED AND PRESENTED AT THE WM. FILENE SONS STORE, A COPY OF S.S. ROBINSONS, MANUAL WOULD BE GIVEN TO THE AMATEURS CONCERNED, BROUGHT BACK MEMORIES OF LONG AGO. SHORTLY AFTER I HAD ESTABLISHED THE COASTAL TELEGRAPH STATION ON THE FILENE BUILDING, I CONVINCED THE STORE MANAGEMENT THAT IT WOULD BE A GOOD IDEA TO FORM AN AMATEUR CLUB. THEY AGREED TO THE BOOK ARRANGEMENT AND WE ENGAGED HAROLD J. POWER, A STUDENT AT TUFT'S COLLEGE, TO BE THE INSTRUCTOR. HE GAVE LECTURES ONCE A WEEK IN THE BEAUTIFUL STORE. TO MAKE IT MORE ATTRACTIVE AND WORTHWHILE, WE GAVE THE AMATEURS WHO COPIED THE MESSAGE THE ROBISON MANUAL. IT WAS ONE OF THE BEST PUBLICATIONS DEALING WITH WIRELESS AT THE TIME.

THE MESSAGE WAS TRANSMITTED NUMEROUS TIMES AND NO DOUBT WAS SENT BY DAN DECOSTE, MELDRUM AND MYSELF. A FEW YEARS AGO I RAN ACROSS JOE TUFTS IN SOUTHERN CALIFORNIA AND HE STILL HAD A COPY OF THE BOOK. (ONE OF THE OTHER OPERATORS AT THE FILENE STORE WAS ART STOCKELBURG.)

2. WELL DO I RECALL USING THE MORSE LETTER "C" IN ORDER TO GET A "K" OR "WAIT" SIGNAL FROM NAD. WE WERE ONLY ABOUT TWO MILES APART AND WITH EACH STATION USING THE BIG STONE CRUSHERS IT WAS DEAFENING TO SAY THE LEAST IF WE OPENED UP WITH LONG TRANSMISSIONS WITHOUT CLEARANCE.

3. AS TO BRANT ROCK (BO OR BR) FORGET WHICH SENDING THE LETTER D- I LISTENED TO THAT STATION MANY, MANY TIMES WHEN I WAS ON THE OLD BATTLEWAGON IOWA. THIS LETTER "D" WAS TRANSMITTED IN SERIES OF THREE THEN THE CALL SIGN. THESE TESTS WENT ON BY FESSENDEN FOR MONTHS AND YEARS. THEY COULD BE HEARD ALL THROUGH THE WEST INDIES.

4. AND THE OLD SOUTHWELLFLEET STATION, ORIGINALLY "CC" WAS ERECTED BY THE BRITISH MARCONI COMPANY LONG BEFORE THERE WERE ANY LAWS, RULES OR REGULATIONS GOVERNING THE USE OF WIRELESS. IT LATER BECAME MCC AND WHEN OUR LAWS PROHIBITED THE OPERATION OF STATIONS BY FOREIGN INTERESTS, THE MARCONI WIRELESS TELEGRAPH COMPANY OF AMERICA TOOK IT OVER AND IT THEN BECAME "WCC." IT'S PRIMARY PURPOSES WERE TO TRANSMIT PRESS AND BROADCAST MESSAGES TO SHIPS AT SEA. WHILE THE SHIPS COULD COPY THIS STATION AT GREAT DISTANCES, THE STATION COULD NOT HEAR THE SHIP STATIONS, HENCE ONE WAY SERVICE.

5. WHEN THE FIRST WORLD WAR CAME ALONG, THE NAVY DEPARTMENT TOOK OVER ALL COASTAL STATIONS AND SOUTHWELLFLEET WAS ONE OF THEM. IT WAS CLOSED AND NEVER RE-OPENED. THE FOUR 200" LATTICE-WORK TOWERS FINALLY BLEW DOWN AND ALL EQUIPMENT WAS REMOVED. SHORTLY AFTER THE WAR WAS OVER, I WAS ASSIGNED THE JOB OF RE-ESTABLISHING A COASTAL TELEGRAPH SYSTEM BY DAVID SARNOFF, THEN GENERAL MANAGER OF THE NEWLY FORMED RCA. I SELECTED CHATHAM, ON CAPE COD AS THE LOGICAL SITE FOR OUR MOST IMPORTANT STATION TO SERVE THE HUNDREDS OF SHIPS CROSSING THE ATLANTIC. SPARK TYPE EQUIPMENT WAS TEMPORARILY USED BUT WAS REPLACED WITH RAW SELF-RECTIFIED TRANSMITTERS. THIS WAS A BROAD EMISSION AND AS SOON POSSIBLE WAS REPLACED WITH A FINE POWERFUL CW SET. BEING ON CAPE COD, IT WAS LOGICAL TO USE THE CALL SIGN "WCC". THIS STATION BECAME FAMOUS FOR THE EXCEPTIONALLY FINE

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OPERATORS AND THE GREAT DISTANCES COVERED WITH MULTIPLEX OPERATION.

6. IT WAS NICE TO HEAR FROM OUR FELLOW MEMBER WAY DOWN IN ARGENTINA-LU2A0, AND I SINCERELY HOPE THE FINANCIAL SITUATION IN HIS COUNTRY IMPROVES IN THE NEAR FUTURE. IN THE MEANTIME I AGREE WITH OUR HONORABLE PREXY THAT WE WHO ARE MORE FORTUNATE THAN THOSE RESIDING IN SOME OTHER PARTS OF THE WORLD MIGHT DO SOMETHING ABOUT EXTENDING A HELPING HAND. BECAUSE THE CITY OF SACRAMENTO AND THE CITY OF MANILA ARE SISTER CITIES- A PLAN FOR THE EXCHANGE OF CULTURAL IDEAS, ETC., AND BECAUSE THE CALL SIGN OF THE COASTAL TELEGRAPH STATION IN MANILA WHILE UNDER U. S. CONTROL WAS KAA. I WOULD LIKE TO DONATE A MEMBERSHIP TO SOME OLD OLD TIMER OF MANILA. CLINE CAN YOU FIND ONE?

7. THE NAME COLLISON RINGS A BELL IN THE OLD BELFRY OF THIS OLD BAG OF BONES. PERCE, DIDN'T YOU USED TO WORK FOR UNITED AND/OR MARCONI IN THE NEW YORK OFFICE? SEEMS TO ME DURING MY FREQUENT VISITS THERE I HAD SOME BUSINESS TO TALK OVER WITH YOU. HI!

TOM W6KAA

AT THE END OF THE PONEY EXPRESS TRAIL.

THANKS TOM. THIS SHOULD BRING ON A LITTLE HEAD SCRATCHING.---EEC

SILENT KEY

WE ARE SADDENED TO LEARN OF THE PASSING OF W9WK DURING THE PAST MONTH. NO DETAILS WERE AVAILABLE BUT IT IS ASSUMED THAT THIS SAD EVENT OCCURRED LATE IN SEPTEMBER. I AM SURE THAT ALL MEMBERS JOIN ME IN EXTENDING OUR SYMPATHY TO HIS FAMILY.

1913 CALL BOOK SUPPLEMENTS 1, 2, AND 3

SOME TIME AGO YOUR SECRETARY, EARL WILLIAMS BY DINT OF CONSIDERABLE RESEARCH WAS ABLE TO OBTAIN POSITIVE PRINTS OF THE ABOVE MENTIONED SUPPLEMENTS. THESE WERE SENT TO THE EDITOR FOR REPRODUCTION. BECAUSE OF THE HEAVY EXPENSE INCIDENTAL TO THE PUBLICATION OF THE BLUE BOOK, IT WAS THOUGHT BEST TO DELAY PUBLICATION OF THE SUPPLEMENTS UNTIL OUR TREASURY BECAME IN A LITTLE BETTER SHAPE. BECAUSE OF THE RETURNS ON THE BLUE BOOK, IT IS NOW FOUND POSSIBLE TO PUBLISH THE 1913 GOVERNMENT CALL BOOK SUPPLEMENTS 1, 2 AND 3.

THE NEGATIVES FOR THE SUPPLEMENTS ARE PROMISED BY THE 15 OF THIS MONTH AND THE PRINTED COPIES SHOULD BE READY FOR MAILING BY 1 NOVEMBER. THE PRICE WILL BE \$2.00 FOR THE SET OF 3 SUPPLEMENTS, JUST A LITTLE MORE THAN THE COST OF PRODUCTION. IT IS SUGGESTED THAT ORDERS BE PLACED EARLY FOR PROMPT MAILING. SEND ALL ORDERS DIRECT TO THE SECRETARY, W2EG, EARL C. WILLIAMS, 307 WAYSIDE ROAD, NEPTUNE, N.J.

THE OOTC AWARDS PROGRAM

YOUR PRSEIDENT HAD HOPED TO BE ABLE TO REPORT ON THE PROGRESS OF THE AWARDS PROGRAM LONG BEFORE NOW, AND MUST APOLOGIZE FOR HIS INABILITY TO DO SO. THIS PROGRAM THAT SEEMED SO PROMISING IN INCERTION HAS PROVED TO BE MOST EMBARRASSING TO YOUR PRESIDENT AND SECRETARY. WE HAVE BEEN UNABLE TO OBTAIN THE RECORDS AT THIS DATE AND IT SEEMS NECESSARY TO MAKE A COMPLETELY FRESH START.

NEXT PAGE PLEASE

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WITH THE ASSISTANCE OF ALL MEMBERS PERHAPS SOME ORDER MAY BE RESTORED TO THIS VERY BAD SITUATION. ALL MEMBERS ARE REQUESTED TO ADVISE THE SECRETARY OF ANY APPLICATIONS FOR AWARDS THAT THEY HAVE MADE OR THAT THEY HAVE ANY KNOWLEDGE THAT THEY HAVE BEEN MADE BY OTHERS, WHETHER BY MEMBERS OR NOT. PLEASE ADVISE WHAT CLASS OF CERTIFICATE AWARD IS IN QUESTION, THE DATE OF APPLICATION AND IF THE \$1.00 FEE WAS INCLUDED WITH THE APPLICATION. THIS IS MOST URGENT AND YOUR FULL COOPERATION IS URGENTLY NEEDED.

NEW SWL-CHC ORGANIZATION

A SPECIAL NEWS RELEASE FROM THE DIRECTORY OF CERTIFICATES WAS RECEIVED TODAY, ALMOST TOO LATE FOR INSERTING IN THIS ISSUE OF SPARK-GAP TIMES. IN PART THIS ANNOUNCEMENT FOLLOWS:

THE DIRECTORY OF CERTIFICATES MAKES THE FOLLOWING NEWS ANNOUNCEMENT OF HIGH INTEREST TO RADIO AMATEURS AND SHORT WAVE LISTENERS, WORLD-WIDE:

THE DIRECTORY OF CERTIFICATES AND AWARDS, SPONSOR WORLD-RENOUNDED CERTIFICATE HUNTER'S CLUB, CHC, ANNOUNCED SPONSORSHIP OF A COMPANION CLUB, THE SHORT WAVE LISTENERS' CLUB, SWL-CHC, EFFECTIVE ON JANUARY 1, 1963.

MEMBERSHIP IN SWL-CHC

TO JOIN SWL-CHC, A SWLER MUST HAVE ACHIEVED AT LEAST 25 AMATEUR RADIO TYPE AWARDS ON A HEARD BASIS. (SIMILAR TO REQUIREMENTS OF CHC).

LIFE MEMBERSHIP IS GIVEN FOR INITIAL \$1.00 FEE; NO DUES; NO ASSESSMENTS. MEMBERS RECEIVE A BEAUTIFUL GOLD, 11 x 14 MEMBER CERTIFICATE WHICH IS DESIGNED TO ACCOMMODATE UP TO SIX 2" GOLD SEALS WITH RIBBONS ATTESTING STEPS OF HIGHER ACHIEVEMENT. ENDORSEMENT SEALS ARE FREE.

MEMBERS ARE GIVEN SWL CALL LISTING IN THE DIRECTORY. SWL NEWS IN THE DIRECTORY EXTRA NL.

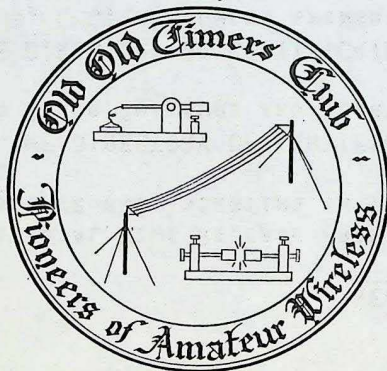
THIS NEWS RELEASE MAY BE OBTAINED FROM CLIF EVANS, K6BX, Box 385, BONITA, CALIF.

THIS NEWS WILL NO DOUBT BE FOUND OF GREAT INTEREST AND IT IS REGRETTED THAT AVAILABLE SPACE DOES NOT PERMIT INSERTING THE COMPLETE ANNOUNCEMENT. GOOD LUCK CLIFF.-EEC

YE OLDE COPPYE BOYE IS MOST GRATEFUL FOR THE ASSISTANCE TO OUR MAMBERS WHO SO KINDLY SUBMITTED THE FINE ARTICLES FOR THE OCTOBER ISSUE OF SPARK-GAP TIMES. WE HOPE THAT THE NEXT ISSUE WILL BE GIVEN THE SAME ATTENTION. WE HAVE BEEN ASSURE OF ANOTHER ARTICLE BY GEORGE STERLING, AND THAT TOGETHER WITH OUR REGULAR CONTRIBUTORS SHOULD ASSURE A MOST INTERESTING DECEMBER. HOWARD PYLE W7OE HAS MOST GENEROUSLY CONSENTED TO SEND US AN ARTICLE EACH ISSUE, W3BO, PAUL WATSON HAS ALWAYS BEEN A REGULAR AND MOST INTERESTING CONTRIBUTOR AND W6KAA, OUR OLD FRIEND TOM STEVENS IS ALSO RESPONDING WITH REGULARITY. HOW ABOUT SOME OF THE REST OF YOU TALENTED OLD GOATS SENDING SOME DOPE? THANKS FELLERS, TAKE IT A LITTLE EASY, BE HAPPY AND HAVE A NICE THANKSGIVING DAY.

EARL E. CLINE SR. W4PPZ- EDITOR, YE OLDE COPPYE BOYE AND YEA, I PAINT HOUSES. MINE.

Spark-Gap Times



408 WEST VIEW AVENUE
CHATANOOGA 11, TENNESSEE

Spark-Gap Times

BY PERCE B. COLLISON K2DZ

Old Old Timers Club
Earl Williams, Secretary

Dear Earl,

Received yours of the 17th and my first reaction was to call you and beg off the job of writing up the big doings at the HARC shindig on the 13th because I was not on the inside for planning the affair or any official actions. I suggested to the kind lady who answered the phone that you give the job to our venerable member Ralph Barber, who, as secretary of the QCWA was better qualified to do the job.

However, after a good night's sleep, I decided to write you and give my personal reactions to this memorable affair, so here goes;

Many, many years ago (1905) when I was sitting at a small table in my bedroom at 103 Park Place, Brooklyn N.Y. which table was a disorderly conglomeration with a home-brew coherer and spark coil, (which was powered with two-dozen worn-out Columbia dry cells) little did I think I was making history. All I know is that I was fascinated to pick up the old Marconi station (SE) at Sea Gate, Coney Island, and what was then the powerful transmitter of PT the Navy Station at the Brooklyn Navy Yard.

My father and mother, when they saw the "sparks" were afraid I was going to be killed and did their best to keep me from puttering around with that "crazy stuff". They would not give me any money to buy the tin-foil for condensers or wire to put up an aerial so every Saturday I sneaked away from the house and drove a grocery wagon for a store many blocks away for the enormous wages of \$2.00 a day. This went on for several weeks until an irate gossiping woman neighbor, who knew that my dad was very prosperous, stopped my mother on the street and told her it was a disgrace for her little skinny Percy to be delivering groceries all over the neighborhood. Ma checked up and told pop what I was doing. Pop chuckled and told her he was proud of me and that I had plenty of guts and he was going to give me all the money I wanted to buy anything I needed. This referred to raw material because what I needed could not be purchased as a finished piece of equipment. Cortlandt Street did not exist and it was several years before Hugo Gernsback opened up a small top-floor establishment in a frowsy old building on West B'way in down-town New York.

Followed several years before I completed High School. While at Adelphi Academy in Brooklyn (1908), a small group of us "nuts" formed up a "Science Club" of which I was President. (If you look at the Department of Commerce (1912) listing of amateur radio stations you will find 2LX listed at Adelphi College, that was us.)

The old professor gave us the run of the physics laboratory and all the apparatus in it. Along about 1910, we concocted a "wireless-telephone" using a copper-carbon DC arc (Oscillating) using data found in Dudells' "Singing Arc" book and other fundamentals from Ernest Rhumer, Slaby Arco and others. We "modulated" the antenna RF with a carbon-button microphone which was a replica of the original microphone which Bell submitted to the US Patent Office when he applied for a patent. It was a large and ugly contraption. It consisted of goat-skin diaphragm about six inches in diameter, stretched across a wooden box opening. In the center of this drum-like contraption, a copper penny was cemented and a thin wire went to a binding post. A half-inch strip of spring (hard copper) held a half-sphere of carbon (about

the size of a moth-ball which was cemented on with some sort of metallic paste. This was the other electrode. When you held this mike close to your lips and yelled, the goat-skin diaphragm "vibrated" and it "modulated" the Rf from the arc and your voice was "on the air". Probably about 5% modulation. Using a short aerial, we could transmit a signal from one room to another. The old "Prof" thought I was a genius and one day we put on a show in the school auditorium. We sent our voice from the "Lab" and used a simple silicon detector "receiver" on the school stage. One day we put the "wireless" telephone on a big out-door aerial and called SE, about ten miles away. Dave Sarnoff was operator at SE those days and he told me he nearly fell off the chair when he heard it. I wonder if he remembers it?

I was working during summer school vacations as a "wireless telegraph" electricians helper for the old DeForest Company. Bob Marriott was my boss. I was paid \$45.00 a month, hi-hi.

Came the day when I went to the Brooklyn Navy Yard to get an amateur license. I was pretty damn good on reading code (American Morse, I still remember it) so after the old chief passed me on code, he took me into a room full of old DeForest wireless gear, motor-generators, starting boxes, motor and generator "field rheostats", Cutler-Hammer starting boxes, detector, etc etc. He knew I was a "wireless Construction Man", so he said he was going to give me an extra stiff "technical examination".

The job was for me to connect some gear and make a complete wireless station, transmitter and receiver. Then I was to call PT and ask "who was on watch" and bring him the answer. It took me about three hours to sort out what I wanted from the "junk pile", tune it up to the wave-length which PT was using and get on the air. So I called PT, asked the question and signed BC which was self selected call. The answer I got was "who the hell wants to know". So I wrote it down on a scrap paper and brought it out to the old Chief. He looked at it and laughed long and loud. He gave me a pat on the back and said "Kid" you are now a licensed wireless "amateur" and your also rate a "commercial License". It was several years before I finally got my first commercial license.

All of this and much much more was on my mind as I sat at the table with several other "old-timers" down at the HARC convention and waited for Herbert Hoover Jr., to call out my name to come up and get my "50 years" award. I think I had to hold back proud tears when I held the "plaque" in my shaking hands.

After George Bailey finished introducing the "Brass" at the head table I was startled to hear him say to the crowd, "Gentlemen, we have with us tonight a very rare individual, a living original Charter Member of the Institute of Radio Engineers, ... Perce Collison stand up" I tottered to my feet and held on to the table and this time I did cry. I received a long applause.

The day before yesterday, I received a message from George Bailey, who as you know, is the Executive Secretary of the IRE and a very old friend, to the effect that I have been awarded a "Fellowship" in the IRE.

Earl, "my cup runneth over", I cannot write any more.
73 and God love all the Old Timers,

PERCE

Spark-Gap Times

50 YEAR AWARDS

The 1962 Hudson Division ARRL Convention, sponsored by Hudson Amateur Radio Council and honoring the 50th anniversary of Amateur Licensing, was held in the Hotel Statler Hilton in New York City on October 13, 1962. Among the exhibits there was a booth of the Antique Wireless Association in which our old friend, Bruce Kelley, demonstrated and operated old time wireless gear. A special permit was granted by FCC for this one day operation. We owe Bruce a special vote of thanks for allowing OOTC to occupy a section of their booth.

Honored guests included; -Dr. Geo. W. Bailey, W2KH, Executive Sec. IRE: CDR Frank Barnett, US Coast Guard: Irving Binger, W2CMM, Pres. SSBARA: Geo. E. Burghard, W2GEC, Radio Club of America: Capt. Alvah N. Cole Jr. Chief Mars USAF: Mag. Gen. Earle F. Cook, W4FZ, Chief Signal Officer USA: Harry J. Dannels, W2TUK, Pres. HARC: John DiBlasi, W2FX, Pres. QCWA: Frank A. Gunther, W2ALS, Pres. AFCEA: Herbert Hoover Jr, W6ZH, Pres. ARRL: John Huntoon, W1LVQ, Gen. Mgr. ARRL: Morton B. Kahn, W2KR, Director ARRL: Wm Le R. Kiser, K2PJS, Eng. in Charge, N.Y. District FCC: Ivan H. Loucks, W3GD, Chief Amateur & Citizens Radio Division FCC: Geo. S. Turner, Chief Eng. and Monitoring Bureau FCC: LCDR Chas R. Winnette, Director US Navy Mars, USN.

Presentation of 50 year awards to those who hold a present day license and held a license in 1913 (under the law of 1912) was made by Herbert Hoover Jr, W6ZH.

70 awards were presented and 29 of these were OOTC members. This represents over 41%. Awards made to the following members; -

	<u>old</u>		<u>old</u>
W2ZM - Ralph G. Barber	2FP	VE1AJ - J. J. Homes	6DQ
W1RM - Alan W. Burke	1HI	W6JF - B. B. Jackson	2EX
W1ED - Alfred J. Carver	8ED	W3BS - Karl G. Krech	2BR
K2DZ - Perce B. Collison	2KN	W2WL - Wallace H. LeLand	6WL
W2YGI - Alfred S. Cresse	3BU	W8DG - Daniel C. McCoy	2HA
W1IH - L. S. Bennett	1HY	W2BO - Maybert A. McIntyre	2DF
W1LV - Irving E. Cutting	9AI	W2FG - Clarence H. Pfeifer	2FA
W4KJ - Harold B. Doten	1KH	W7OE - Howard S. Pyle	7HP
W2IY - Edw. W. Dugan	2IY	W7COH - Townsend J. Rigby	6DU
W2LP - Laurence J. Dunn	2LM	KP4ZK - Richard Schell Jr	2BF
W2WX - Richard S. Egolf	2LE	W1AE - Geo. E. Sterling	1AE
W4TY - Robert S. Fenimore	3JU	W1TK - John E. Wilkinson	1KN
W1DIU - Sebastian Gahm	1JL	W2EG - Earl C. Williams	2EA
W2MDB - John N. Herland	1JY	K2CR - Richard D. Zucker	2DB
W2WJ - W. Hollis Hoffman	3BT		

It seemed strange not to see our good member, Geo. Sterling, W1AE, at the Guest Table but he choose to sit with the rest of the boys who received awards. Geo won a prize. Not a big big one but a prize. The last we saw of Geo was heading out of the Hotel with a armful. Wonder what the prize was that he won?

W2EG

Summary Report

1. Introduction

The purpose of this report is to provide a summary of the findings and conclusions of the study conducted over a period of six months. The study was designed to investigate the effects of various factors on the performance of the system under test. The results of the study are presented in the following sections.

The study was conducted in a controlled environment, and the results were compared against a baseline. The findings indicate that the system performs well under most conditions, but there are some areas where performance is degraded. The conclusions drawn from the study are that the system is generally reliable, but further improvements are needed in certain areas.

The following table summarizes the key findings of the study:

Factor	Performance	Conclusion
Temperature	High	System performs well at high temperatures.
Humidity	Medium	System performs well at medium humidity levels.
Pressure	Low	System performs well at low pressure levels.
Speed	High	System performs well at high speeds.
Acceleration	Medium	System performs well at medium acceleration levels.
Vibration	Low	System performs well at low vibration levels.
Shock	High	System performs well at high shock levels.
Impact	Medium	System performs well at medium impact levels.
Load	High	System performs well at high load levels.
Stress	Medium	System performs well at medium stress levels.

The study has identified several areas where the system performs well, but there are also some areas where performance is degraded. The conclusions drawn from the study are that the system is generally reliable, but further improvements are needed in certain areas.

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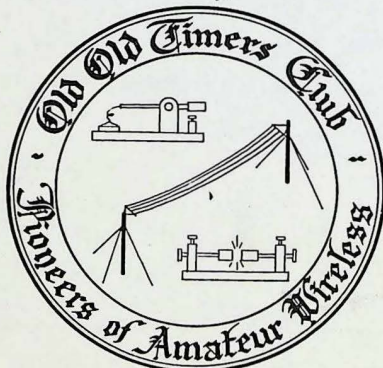
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