WELL FELLOWS, THERE APPEARS TO BE ENOUGH INTEREST TO TYPE THIS SHEET - SO HERE GOES. FIRST OF ALL, WE'RE GOING TO FIND OUT WHAT YOU'RE INTERESTED IN. OFF HAND, IT APPEARS THE MAJORITY OF YOU ARE OLD TIMERS WITH A CASUAL INTEREST IN COLLECTING AND PRESERVING OLD PIECES OF WIRELESS GEAR. SOME OF YOU SPECIALIZE, SUCH AS W8J DV WITH GREBE EQUIPMENT, OR W3WRE WHO CONCENTRATES ON KEYS - WHEREAS OTHERS HAVE NO INTEREST IN COLLECTING BUT JUST WANT TO KEEP IN CONTACT WITH THE PAST.

IN THE FUTURE WE'LL ENDEAVOR TO CLASSIFY VARIOUS INTERESTS BY CALL LETTERS. AT PRESENT I'M TAKING THE LIBERTY OF USING ONLY PORTIONS OF THE INFO RECEIVED IN EACH LETTER FROM YOU...SAVING THE REST FOR LATER BULLETINS. NEEDLESS TO SAY, DOZENS OF LETTERS WERE RECEIVED MAKING IT ALMOST IMPOSSIBLE TO ANSWER THEM ALL...TNX A LOT....

73, W2ICE

IN GENERAL

THE RADIO CLUB OF AMERICA CELEBRATED ITS 50TH ANNIVERSARY DEC. 4, 1959, HAVING BEEN FOUNDED IN 1909 - SO REPORTS ITS PPRESIDENT, W2PXR...

HOW MANY OF YOU READ OF THE PASSING OF JACK BINNS ON DEC. 9 (75 YRS.)?? ALL OLD TIMERS - BOTH AMATEUR AND COMMERCIAL ALIKE HAVE HEARD OF JACK AND THE WHITE STAR LINER "REPUBLIC". JACK WAS THE OPERATOR WHO STAYED AT HIS POST AND SENT OUT "CQD", THE 1909 VER-

(Continued on page 2.)
IN GENERAL - continued)

SION OF THE PRESENT "SOS". THE RESULTS - 1600 PERSONS WERE SAVED AND THE VALUE OF WIRELESS REACHED AN ALL-TIME HIGH. IN LATER YEARS JACK BECAME RADIO EDITOR FOR THE NEW YORK TRIBUNE. IN 1924 HE JOINED THE HAZELTINE CORP. AND EVENTUALLY BECAME PRESIDENT.

IF IN THE BOSTON AREA, STOP IN AND SEE FRED PENARD AT NORWOOD, MASS. FRED HAS AN UNIQUE COLLECTION OF ELECTRICAL ODDITIES OTHER THAN RADIOS SUCH AS EARLY TELEPHONES, MEDICAL MACHINES, EARLY BULBS, ETC.

REMEMBER THE "BENWOOD GAP" - THE PRODUCT OF TWO FELLOWS BY THE NAMES OF BENSON AND WOOD? WELL, LOOK UP IN YOUR CALL BOOK AND YOU'LL FIND LES BENSON LISTED UNDER THE CALL W0ZB. THE LAST TIME WE WORKED HIM HE WAS ON 14 MC.

PHONE!

AT A RECENT I.R.E. MEET, W2QY AND W2ICE FOUND THEMSELVES ON THE SAME PROGRAM WITH DR. ALFRED GOLDSMITH, HARADEN PRATT, WILLIAM WHITE AND RAYMOND HEISING. WHO SEZ THE AMATEUR HISTORIAN DOESN'T TRAVEL WITH THE PRO'S - HI! THEY WERE TOLD, BY THE WAY, THAT E.F.W. ALEXANDERSON OF ALEXANDERSON ALTERNATOR FAME IS STILL ALIVE, HAVING RETIRED FROM GENERAL ELECTRIC, HE IS IN HIS 80'S, STILL ACTIVE BUT SOMEWHAT DEAF.

ABOUT OUR HOBBY

THE AMATEUR (NON-PROFESSIONAL) HISTORIAN IS IN A MINORITY AS COMPARED TO OTHER SIMILAR HOBBYISTS SUCH AS ANTIQUE CAR ENTHUSIASTS, COIN AND STAMP COLLECTORS OR EVEN THE FAIR SEX WITH THEIR ANTIQUE FURNITURE. THERE ARE ABOUT 15 OR 20 REAL "DYED-IN-THE-WOOL" HISTORIANS IN THE U.S.A. PLUS AN ADDITIONAL 100 WHO, SHALL WE SAY, SHOW AN AVERAGE INTEREST IN THE SUBJECT. IN ADDITION, OF COURSE, THERE ARE THOUSANDS OF OLD TIMERS (AMATEUR AND COMMERCIAL) WHO ARE DEVOTED TO THE PAST - WHO LOVE TO REMINISE, READ ABOUT THE OLD DAYS AND COLLECT A FEW PIECES OF OLD

(Continued on page 3.)
GEAR. AMATEUR HISTORIANS OVERSEAS ARE VERY RARE. THE A.W.A. HAS MADE A FEW CONTACTS WITH OLD TIMERS IN EUROPE WHICH HAVE PROVEN QUITE INTERESTING...PARTICULARLY FELLOWS IN ENGLAND. WE HOPe TO GIVE YOU MORE DOPE ON THIS LATER.

ANNOUNCEMENT

THE W2ZI HISTORICAL COLLECTION AND MUSEUM IS NOW OPEN FOR INSPECTION. SINCE MOVING INTO A NEW HOME, HIS COLLECTION OF EARLY WIRELESS APPARATUS, VACUUM TUBES (SOME DATING BACK TO 1907), BOOKS, MAGAZINES, PHOTOGRAPHS AND A UNIQUE COLLECTION OF OLD AND ODD MORSE AND WIRELESS KEYS HAVE BEEN ON DISPLAY AT 19 BLACKWOOD DRIVE, TRENTON, N.J.

IT IS ALL SET UP IN A SPECIAL ROOM BUILT FOR IT AND VISITORS ARE ALWAYS WELCOME. BLACKWOOD DRIVE IS IN THE WEST END KNOWN AS THE WILBURTHA SECTION, AND ANYONE PASSING THROUGH TRENTON AND WISHING TO INCLUDE A VISIT IN THEIR ITINERARY SHOULD CALL ED RASER FOR AN APPOINTMENT. CALL TU2-2000 DURING WORKING HOURS AND TU2-6645 AFTER 5 P.M.

TRAVELLING WITH AN OLD TIMER
BY ED RASER, W2ZI

WHILE ON A RECENT VACATION, I VISITED HAROLD CASTNER, W1IIE, WHO HAS WRITTEN THE "NBD" STORY, A BOOK OF SOME 5" THICK TELLING OF A FAMOUS NAVAL COAST STATION OF THE WAR I PERIOD. I SAW THIS BOOK AND LATER MADE A TRIP UP TO OTTER CLIFFS, MAINE TO VISIT THE SITE WHERE THE OLD STATION STOOD. NBD IS FAMOUS FOR THE TREMENDOUS AMOUNT OF TRAFFIC HANDLED DURING ITS LIFETIME. NO OTHER COAST STATION COULD COMPETE WITH IT. SOMETIMES THE DAILY COUNT RAN WELL OVER 1000 MSGS. PER DAY. THIS WAS UNPRECEDENTED, ESPECIALLY WHEN ONE CONSIDERS IT WAS DONE WITH A 25 KW. SPARK SET. BUT THE SITE OVERLOOKING THE SEA FROM THE 80 FT. HIGH CLIFFS TELLS THE STORY.

THE MEN WHO DID THE WORK WERE CRACK TELEGRAPHERS, AND ONE OF THEM HAPPENED TO BE THE CHIEF OF THE STATION - NON OTHER THAN CHARLIE

(Continued on page 4.)

CHARLIE, W1TU, THE CHIEF OPERATOR, ALSO HAS A PERSONAL CITATION FROM THE PRESIDENT, WHICH HE WELL DESERVED. NO WIRELESS MEN EVER WORKED SO FAITHFULLY AT THEIR JOB. THEY HAD TO BE SUPER-MEN TO TAKE THAT MUCH TRAFFIC IN ONE DAY! I CAN PERSONALLY VERIFY THIS AS I WAS "OUT THERE" WORKING OLD NBD MYSELF!!

"ED" WILL GIVE US MORE ARTICLES IN THE FUTURE. IF ANYONE IS QUALIFIED, I'M SURE HE IS... ALTHOUGH SPECIALIZING SOMEWHAT IN "KEYS", W2ZI IS JUST ABOUT THE VERSATILE ALL AROUND HISTORIAN AND COLLECTOR IN THE COUNTRY... NO. 1 HI!

A TRIAL "RUN-OFF" OF OUR "BULLETIN" INDICATES THAT THE PRINT ISN'T TOO CLEAR ON SOME COPIES... GESS WE'LL HVE TO LUK INTO THE MATTER... SUMPIN' WID REG PRINT ES PHOTOS WLD B MUCH BETTER... TIME WL TELL......

"THE HENRY FORD MUSEUM"

DEARBORN, MICH.

by "TATE", W8FX

STARTED 30 YEARS AGO, ALONG WITH GREENFIELD VILLAGE, THE DEARBORN MUSEUM WAS CALLED THE EDISON INSTITUTE WHILE MR. FORD LIVED. IT IS NOW SEPARATE FROM GREENFIELD VILLAGE ALTHOUGH THE REPLICA OF EDISON'S MENLO PARK LABORATORY IS IN GREENFIELD VILLAGE.

AFTER YOU ENTER THE MUSEUM, WHICH COSTS $.95 AND IS WELL WORTH IT, YOU HAVE A CHOICE OF MANY THINGS TO DO. YOU CANNOT DO JUSTICE TO ALL THE EXHIBITS, OR TO YOURSELF, IN JUST ONE DAY'S VISIT. THERE ARE TWO CAFETERIAS SO YOU WILL NOT HAVE TO LEAVE THE MUSEUM FOR LUNCH. AN ATTENDANT WILL GIVE YOU A BOOKLET SHOWING WHERE THE VAR--

(Continued on page 5.)
IOUS EXHIBITS ARE LOCATED, AND IF YOU PREFER, LEAVE YOU ON YOUR OWN. RADIOMEN WILL, OF COURSE, SEE THAT SECTION FIRST, AND IF ANY TIME LEFT, SEE WHATEVER ELSE THEY FANCY, MOST LIKELY THEIR SECOND HOBBY.

THE ELECTRICAL/WIRELESS EXHIBIT STARTS WITH THOUSANDS OF ILLUMINATING LAMPS, ALL APPROPRIATELY MARKED, AS ARE ALL EXHIBITS. AS YOU WALK PAST THE FILLED SHOW CASES, YOU COME TO OLD TELEPHONE AND TELEGRAPH SETS, WHICH THEN LEADS YOU TO THE WIRELESS EXHIBIT.

DEPENDING ON YOUR TASTE, AS A COLLECTOR AND/OR RACONTEUR, THE MOST POPULAR ITEM IS NEAR THE END OF THE WIRELESS EXHIBIT: BUT DON'T FAIL TO STAND ALONGSIDE OLD NAA'S ROTARY SPARK GAP WHEEL, AND HAVE YOUR PIX TAKEN. WHEN YOU DO, YOU WILL "FEEL" THE GHOSTS OF THE FAMOUS OLD TIME WIRELESS MEN HOVERING ALL AROUND YOU. GIVES YOU AN SERIE BUT UPLIFTING FEELING!

BUT BEFORE YOU GET TO THE NAA SPARK WHEEL, THERE IS THE MARCONI SPARK SET THAT SENT THE FIRST "S" ACROSS THE ATLANTIC IN COMPLETE AND ORIGINAL FORM. A "PIX" OF THIS IS ALSO A MUST. THEN IN GOOD ORDER ARE THE MECOGRAPH, ALBRIGHT AND MARTIN "BUGS", A "YETMAN", BUNNELL SIDE-SWIPER, A "COOTIE-KEY" AND STRAIGHT KEYS MADE BEFORE YOU WERE BORN. THERE ARE COHERERS, GERNSBACK CRYSTAL DETECTORS, LOOSE COUPLERS, SPARK COILS AND HEADSETS AS WELL AS ARNOLD AND NAVY LOOSE COUPLERS.

NAME IT AND IT IS THERE, SEVERAL MAGNETIC DETECTORS, COMPLETE MURDOCK TRANSMITTERS, DE-FOREST, AMRAD AND FESSENDEN GEAR, COLIN B. KENNEDY, TURNERY, TELEFUNKEN, GREBE, MESCO, PARAGON, CRL (LATER ZENITH), BRANDES, STROMBERG-CARLSON, MIGNON AND WILLIAM B. DUCK - ALL ARE WAITING TO SAY A BELATED "HI!" TO THE NEWER RADIO MAN WHO WAS NOT FORTUNATE TO HAVE LIVED WITH THE "GREATS" OF THE PAST ERA.

(Continued on page 8)
History in the Making

A Brief Account of an Unusual Organization

BY BRUCE L. KELLEY, W2ICE, ex-W8ACV

This month rounds out 43 years of service by your League, of, by and for the radio amateur. During the course of 45 years many changes have been wrought, not the least of which are in the line of equipment. The Antique Wireless Association, an affiliate of the League, has dedicated itself to preserving some of the relics of amateur radio. Our cover this month shows a typical station dating about the time the League was founded. The other photographs in this article show typical stations that might have existed about the turn of the century, about 1920, and about 1930. (The photographs, incidentally, were taken by ex-W8TOY, who is about to become a ham once again.) Old timers will view these pictures with much nostalgia; hams of more recent vintage will marvel at the equipment used in the “good old days”; all hands will mentally give a vote of thanks to the Antique Wireless Association for having engaged in such a worthwhile project.

There is excitement in the new; there is equal drama in the old... and so it is with amateur radio. Prior to World War II, very little interest was shown in the history of our hobby; however, by 1946 amateur radio was approximately 46 years old, the ARRL had been in existence for 31 years and the large number who joined the amateur ranks in the early 20's were now old timers at the quarter-century mark. As a result, many amateur clubs throughout the country were beginning to have an annual “Old Timer’s Nite” and several social organizations were formed catering to the old-time operator.

As a rule, this sudden interest neglected the material side of early wireless, or radio as we know it today. Aside from a few private collections assembled by some thoughtful old timers, the only historical material available for the amateur was some early equipment on display at the League headquarters and the exceptionally well written history of amateur radio by Clinton De Soto, Two Hundred Meters and Down.

It was only natural that some enterprising amateurs would eventually undertake the task of collecting and compiling the historical background of their hobby as a group. The Antique Wireless Association is such an organization.

The nucleus of the club is an original collection of historical equipment and films which I had gathered. Frequent requests for these programs and historical displays proved too great a burden for one individual. W2GB and W2QY, two able old timers, came to my aid in 1953, and thus was born the AWA. Today the organization has several hundred associates in the United States, Canada, Hawaii, England, Germany and South Africa.

The club directs its energies in three directions. It maintains one of the largest amateur club museums in the country. Operating strictly on a non-profit basis, it has collected and tagged, with the donor’s name and call letters, thousands of early tubes, receivers, transmitters and pieces of equipment, some dating as early as 1850. Name plates marked Murdock, Clapp-Eastham, Electro-Importing, Grebe, Adams-Morgan, Federal, DeForest, Wireless Specialty, Mignon, Marconi and Marconi are familiar sights on the various shelves or showcases. In addition, one can find a vast assortment of magazines, catalogs, photographs and tape recordings on file for the historian. Of particular interest are the four mock setups of amateur stations dating 1901 with coherer and spark coil, 1915 with crystal detector and fixed spark gap, 1922 with regenerative receiver and rotary spark gap, and lastly, a modern setup of the early 30's with an FB-7 receiver and a crystal-controlled transmitter using a pair of 210s in the final.

The collection is the result of many hours of traveling countless miles and scrounging through hundreds of dusty attics and cellars. The club's greatest concern is to prevent the amateur from throwing unused antique equipment into a junk barrel.

Using this material for background, the club's amateur photographers have carried out the second objective of the AWA by producing a number of historical movies and slide shows for amateur meetings. These shows are eventually turned over to the League to loan out to affiliated clubs. The popularity of the shows can be measured by the ever-increasing requests. An early production, “The First Thirty Years of Amateur Radio,” was voted the most popular show in the ARRL film library for 1957. The organization's
The nucleus of the club is an original collection of historical equipment and films which I had gathered. Frequent requests for these programs and historical displays proved too great a burden for one individual. W2GB and W2QY, two able old timers, came to my aid in 1953, and thus was born the AWA. Today the organization has several hundred associates in the United States, Canada, Hawaii, England, Germany and South Africa.

The club directs its energies in three directions. It maintains one of the largest amateur club museums in the country. Operating strictly on a non-profit basis, it has collected and tagged, with the donor's name and call letters, thousands of early tubes, receivers, transmitters and pieces of equipment, some dating as early as 1850. Name plates marked Murdock, Clapp-Eastham, Electro-Importing, Grebe, Adams-Morgan, Federal, DeForest, Wireless Specialty, Mignon, Amrad and Marconi are familiar sights on the various shelves or show cases. In addition, one can find a vast assortment of magazines, catalogs, photographs and tape recordings on file for the historian. Of particular interest are the four mock setups of amateur stations dating 1901 with coherer and spark coil, 1915 with crystal detector and fixed spark gap, 1922 with regenerative receiver and rotary spark gap, and lastly, a modern setup of the early 30s with an EB-7 receiver and a crystal-controlled transmitter using a pair of 210s in the final.

The collection is the result of many hours of traveling countless miles and searching through hundreds of dusty attics and cellars. The club's greatest concern is to prevent the amateur from throwing unused antique equipment into a junk barrel.

Using this material for background, the club's amateur photographers have carried out the second objective of the AWA by producing a number of historical movies and slide shows for amateur meetings. These shows are eventually turned over to the League to loan out to affiliated clubs. The popularity of the shows can be measured by the ever-increasing requests. An early production, "The First Thirty Years of Amateur Radio," was rated the most popular show in the ARRL film library for 1957. The organization's "Story of DX" set an all-time record when it was presented at the ARRL National Conventions — the only program ever scheduled at three conventions! A new show in the making is one covering the life of Marconi. Old time operators such as W1SS, W1ZE and W2LF, as well as G. G. Hopkins, Marconi historian of Chelmsford, England, will be seen and heard in this amateur production.

The third objective of the Antique Wireless Association is to display equipment at various gatherings. Handling and transporting such equipment would normally present a problem to an organization working without funds; fortunately, the president, W2GB, is in the trucking business and amateurs across the country have had an opportunity to view everything from old loose couplers to huge spark transmitters. Worthy of note is the fact that the AWA exhibit was awarded a first prize at the 1958 ARRL National Convention (Washington) as having one of the outstanding amateur exhibits.

Many recently licensed amateurs visiting the barn museum or viewing one of the shows have wondered at the inclusion of early commercial equipment. There are several explanations. In the early days of wireless the amateur's transmitting range was limited. Hence, DX was strictly on the receiving end and calls such as CC, FL, POZ, and NAA were as familiar as W1AW is today.

Likewise, the early amateur would frequently operate on a wavelength very close to a commercial station and it was not uncommon for the two to communicate with one another (and interfere!). This sentimental tie is recalled when the visitor views early equipment such as a magnetic detector or a 15-inch spark coil in operation or possibly the 14-ton capacitor from old NAA. Apparatus from the historical German stations at Tuckerton and Sayville or the early Marconi installations at New Brunswick, Marion and South Wellfleet occupies a space by itself.

For demonstrating purposes, W2QY, the club's craftsman, spends his evenings restoring or making equipment that no longer can be purchased since the days of the E.I. and Duck Catalogs. Because of his efforts we have perfect working models of coherers, magnetic and electrolytic detectors and other pieces of equipment of a forgotten era. Many of the museum items, as received, require replacement of missing parts as well as a general cleaning. Even some of the early crystal sets and one-tube receivers are mounted in mahogany cabinets with panels covered with a multitude of knobs and binding posts.
THE HENRY FORD MUSEUM cont'd


"TATE" HAS DONE A TERRIFIC JOB ON COVERING THIS FAMOUS MUSEUM FOR US. HE PROMISES TO GIVE US ANOTHER WRITEUP IN THE FUTURE ON THE HISTORICAL MUSEUM IN LANSING OF WHICH HE IS VERY CLOSELY ASSOCIATED WITH. WSPX, BY THE WAY, IS A REAL "OT", A HISTORIAN, A COLLECTOR, THE SCM FOR MICHIGAN AND A "DYE-IN-THE-WOOL" CW MAN!

OTHER MUSEUMS AND HISTORICAL EXHIBITS WHICH WE WILL HAVE REPORTS ON IN THE FUTURE:

<table>
<thead>
<tr>
<th>Museum</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perham (DeForest) Museum</td>
<td>(California)</td>
</tr>
<tr>
<td>The Edison Museum</td>
<td>(West Orange, N.J.)</td>
</tr>
<tr>
<td>Western Union Museum</td>
<td>(New York City)</td>
</tr>
<tr>
<td>Franklin Institute</td>
<td>(Philadelphia)</td>
</tr>
<tr>
<td>Smithsonian Institution</td>
<td>(Washington D.C.)</td>
</tr>
<tr>
<td>Canadian Bell Museum</td>
<td>(Montreal, Que.)</td>
</tr>
<tr>
<td>British Museum</td>
<td>(South Kensington)</td>
</tr>
<tr>
<td>W2ZI Museum</td>
<td>(Trenton, N.J.)</td>
</tr>
<tr>
<td>Antique Wireless Assn. Museum</td>
<td>(Holcomb, N.Y.)</td>
</tr>
</tbody>
</table>

THERE ARE NUMEROUS CLUB AND PRIVATE MUSEUMS WHICH WE MAY NOT HAVE HEARD OF - DROP US A LINE AND TELL US ABOUT THEM.

WA2HPQ IS PHOTOGRAPHING IN CHRONOLOGICAL ORDER THE DEVELOPMENT OF THE VACUUM TUBE. IT WILL CONSIST OF A SERIES OF 8 X 10" GLOSSY ENLARGEMENTS ACCOMPANIED BY A DESCRIPTIVE

(Continued on page 9)
SHEET. EACH ENLARGEMENT WILL PICTURE 4 TO 8 TUBES IN MINUTE DETAIL.

THIS PORTFOLIO SHOULD PROVE OF GREAT VALUE TO THE AVERAGE TUBE COLLECTOR AND HISTORIAN SINCE IT WILL COVER MOST OF THE EARLY AMERICAN AS WELL AS MANY FOREIGN TUBES.

WITH THE HISTORIANS

W7OE HOLDS THE "FORT" FOR THE HISTORIANS ON THE WEST COAST. HOWARD'S MOST RECENT ARTICLE WAS IN THE NOVEMBER ISSUE OF "ELECTRONICS WORLD" (RADIO NEWS TO YOU OT'S)....AND IT SHOULD BE READ BY ALL - PARTICULARLY COLLECTORS..ANOTHER ONE TO BUY IS THIS MONTH'S "ELECTRONICS ILLUSTRATED" WHERE HE HAS A STORY COVERING THE OLD RADIO SERVICE OF THE U.S. DEPT. OF COMMERCE. W7OE WAS A FORMER RADIO INSPECTOR UNDER THIS DEPARTMENT....

W0KKP TELLS US ABOUT A MEMORIAL STATION THAT MAY BE ERECTED IN THE MEMORY OF BOYD PHELPS, W0BP. "BEEP" WAS TRULY A PIONEER AMATEUR - AN OUTSTANDING VHF EXPERIMENTER IN THE EARLY DAYS AS 2EB AND IN LATER YEARS A PIONEER WITH RTTY. HIS UNTIMELY DEATH IS A GREAT LOSS TO AMATEUR RADIO.

VE3CO PROMISES TO GIVE US, SOMETIME IN THE FUTURE, THE TRUE STORY OF AN SOS THAT HE SENT OUT BACK IN 1924.

X-3DW IS A REAL OT WITH A RICH HISTORICAL BACKGROUND. "ED" NOW WORKS FOR THE NEMS-CLARK CO. WHO YEARS AGO TOOK OVER THE OLD NATIONAL ELECTRIC SUPPLY CO....REMEMBER???

W1NF IS ANOTHER GENUINE HISTORIAN AND HAS WRITTEN SOME VERY FINE ARTICLES FOR THE "YASNE NEWS" (A DX PAPER). ART IS INTERESTED IN HEARING FROM OLD TIMERS WHO HAVE HAD UNUSUAL EXPERIENCES EITHER AS AN AMATEUR OR COMMERCIAL "OP".

(Continued on page 10)
W9GFS hit the "Jackpot" recently when he found that an old receiver he had was a rare CN-113A made by the National Electric Supply Co. circa 1917. Ed, X-3DW gave him the dope.

W9EWH reports that business has reduced his amateur activities, however, we hope that Frank can find time in the future to tell us about his VY FB collection - one of the oldest in the country.

W2QY recently restored an American Marconi 106 which proved to be quite an interesting experience. "Link" promises to give us some dope on some of his restoration projects in future issues...he is the man to contact, by the way, if you have trouble in getting a coherer working.

W2Lk is a pioneer in police radio as well as early BC. He and W2ZI have a lot in common.

W6ELW reports having made a one hour tape recording of John Reinartz, K6BJ, X-1QP, etc relating his early experiences, the development of the Reinartz receiver, the first transatlantic QSO, etc., several FB photos were also taken. (This tape recording will become part of A.W.A.'s ever increasing historical tape library.

W2AAA is doing an excellent job of keeping the "Ole Daze" alive by writing a series of articles for CQ Magazine. (Ed. Note: the articles are a must for the collectors file.)

W3WRE is working on a show covering the development of telegraphy from Morse to teletype...more about this later. It is a "she", by the way, her name is Louise or "Lou"!

W4AA just completed his 40th year as 4AA. Congrats Wayne! He is in the BC business as we hope to hear more from him.

(Continued on page 11)
WITH THE HISTORIANS

W2IA recently bought a SW-3, a pair of "Baldies" and a "Magy" speaker from the widow of a ham who had used this equipment until a year ago. Who sez the old gear can't compete??

W6GUY and yours truly have noticed the sudden interest in collecting. Paul notes there were 6 collectors advertising in December QST.

W8QP is the real old timer in the group having started in on Morse in 1893! Ed, incidently is 87 years old and can be heard on 3812 KC. regularly.

Ed, note: It appears we have 3 old time amateurs who are currently writing FB articles for magazines - W1NF, W2AAA and W7OE. Gess these three are going to see to it that don't forget the past - hi!

Definition of non-commercial: Several have asked what we mean when we say the "Bulletin" is only for the amateur. The thought is to print it for those who have old time radio as their hobby - not business. Swapping old gear and writing an occasional historical, I'm sure, falls into the hobby category.

WITH THE COLLECTORS

Swap - 60 issues of QST from 1916 thru 1936. Need March to August 1916 and April, & Sept. 1917 and April 1922...W2IA R.D. #1 Johnstown Rd., Oxford, New Jersey.

Wanted - Grebe equipment of any kind - also Grebe parts and literature...W8JDV, 500 Church Street, Mason, Ohio.

Swap - DeForest DL and DV series (tubes) for UV-217 rectifier tube (similar to 50 Watte)...W2ICE

(Continued on page 12.)
WITH THE COLLECTORS

WANTED - ATWATER-KENT HORN SPEAKERS MODEL F, G, H, OR L ...C.A. CUMMINGS, 5911 RHODE ISLAND AVE., CINCINNATI.

WANT - PHOTOGRAPHS (PREFERABLY 8 X 10" ENLARGEMENTS) OF EARLY BROADCAST RECEIVERS SUCH AS CRYSTAL SETS, 3 CIRCUIT TUNERS, NEUTRODYNES, ETC., ... W2AAA
223 W. HOLLEY AVE., PITMAN, NEW JERSEY

WANT - VOL. # 1 & # 2 OF "EVERYDAY MECHANICS" (1915-1916) ... W9AX, R.R. # 2, SHELBYVILLE, IND.

SWAP - OR CASH FOR IP-76, MARCONI MULTIPLE TUNER OR MAGNETIC DETECTOR. HAVE MANY FINE PIECES OF OLD COMMERCIAL GEAR ... W1AAT, 422 LAFAYETTE STREET., SALEM, MASS.

WANTED - $50.00 CASH FOR MAY QST, 1916 IN GOOD CONDITION OR WILL SWAP JANUARY 1916 FOR SAME... W4AA, WAYNE NELSON, CONCORD, NO. CAR.

SWAP - SCR-65 AIRPLANE SPARK TRANSMITTER FOR WHAT HAVE YOU ... W6GVY, 2429 SAN CARLOS AVE., SAN CARLOS, CALIF.

SELL - COPIES OF THE "PINK SLIP" FROM NOVEMBER, 1919 ... W1AAT, 422 LAFAYETTE ST., SALEM, MASS.

SWAP OR BUY - RADIO NEWS SEPT. & OCT. 1921 ALSO NEED C.D. CAPACITOR (MONTHLY PUBLICATION) FOR VOL. 1-4 (OCT., DEC. - 1939) AND VOL. 3-2 (JUNE AND DEC. 1939) ... JOE SIMPSON, 85-39 152ND ST., JAMAICA 32, L.I., N.Y.

-- OLD TIMERS BULLETIN--

Edited by BRUCE KELLEY, W2ICE/QCP, Holcomb, N.Y.

Typed by AL MARCY, W4ID, Eau Gallie, Florida