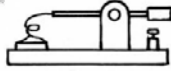


Spark-Gap Times



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The Old Old Timers Club



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Joe Schroeder W9JUV,
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Spark-Gap Times Editor-Publisher
"Bert" Wells W5JNK (ootc@att.net)

ACTIVITIES
Mark Titterington W1E0F

REGISTERED AGENT RHODE ISLAND
Janice Lentz K4IJK

**The Board of Directors honors these Silent
Keys for their contribution to OOTC.**

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Secretary 1956-57
President 1959-63

Raymond E. Meyers #0188 exW6MLZ
Treasurer 1970-76
Secretary 1970-78,
President 1979-84,

Leland E. Smith #1214 exW5KL
President 1994-2004

L. F. "Ted" Heithecker #1263 exW5EJ
President 1987-90, Secretary 1991-93

NO NOMINATIONS WERE RECEIVED FOR DIRECTORS IN DISTRICT 2, 4, 6, 8, 0.
THESE DIRECTORS CONTINUE IN OFFICE FOR CALENDAR YEARS 2010-2011.

2 NJ-NY.	JERRY MULBERG, W2MJP, #2995.
4 AL-FL-GA-KY-NC-SC-TN-VA-PUERTO RICO	DAVID KNIGHT, W4ZJY, #3428.
6 CA-HI.	LEE R. WICAL, KH6BZF, #4444.
8 MI-OH-WV.	JOSEPH WEHNER, W8KNO, #4030.
0 CO-IA-KS-MN-MO-NE-ND-SD.	LEO MEYERSON, W0GFQ, #0707.

THE SECRETARY IS ACCEPTING NOMINATIONS FOR DIRECTORS DISTRICT 1, 3, 5, 7, 9
FOR SERVICE TO OOTC IN THE CALENDAR YEARS 2011-2012. THE INCUMBENTS ARE:

1 CT, MA, ME, NH, RI, VT	MORTON BARDFIELD, W1UQ, #3027
3 DC, DE, MD, PA	PAUL GERBRACHT, W3QPP, #2850
5 AR, LA, MS, NM, OK, TX	CHARLES STANTON, W5LBU, 3409
7 AK, AZ, ID, MT, NV, OR, UT, WA, WY	FRANK PISKUR, K7FP, #3628
9 IL, IN, WI	JOE SCHROEDER, W9JUV, 2967

OOTC ON THE AIR MEETINGS

EUROPEAN CHAPTER #5 CALL DL0OTC

SSB 7:30 CE(S)T 3624 kHz, Tue, NCS DJ5ND, Willi Kreibohm.

SSB 11:00 CE(S)T 7090 kHz, Tue, NCS DJ2XB, Guenter Pesch.

CW 17:30 UTC 3576,5 kHz, Tue, NCS DL1MEB, Karl Maerz.

CE(S)T = Central European (Summer) Time = UTC + 1(2).

U. S. A.

Chapter #1 – New Orleans LA – No Report

Chapter #2 (CA): Tuesday, 1600 local 3917kHz. NCS W6HV, Troy Wideman.

AZ Chapter: Tuesday, 1600 local, 3913 kHz. NCS W7LGB, Lyle Brow

N.East Chapter: Thursday, 1330 local, 7230 kHz. NCS K2VNM, Robert Kerns.

CH82 E. TN & SW. VA Chapter: Sun, 9:00PM E. 145.110MHz. down shift.

OOTC National Calling Frequency: Friday, 1700 UTC on 14050 kHz.

SUPPLIES AVAILABLE – Price includes postage.

OOTC BADGE - \$8.50 - \$9.50 or \$10.50 see page 22.

OOTC 4" Round Iron-on Jacket patch - \$5.00

OOTC 3" Round sticker - \$1.00

Gold 1" stamps free, send envelope and postage money.

Replacement Lapel Pins 40(no #), 50, 60, 70, \$3.50. (first pin free when join)

80 yr pin free courtesy W1GAY.

**Send U.S. Check, U.S. currency to: OOTC 3191 Darvany Dr. Dallas TX 75220-1611
(credit cards cannot be accepted)**

A MESSAGE FROM THE PRESIDENT

It's hard to believe the year is at an end and we are facing a new one. Bert, our Executive Secretary, has been keeping me informed of the new members as they join and it's really great to read about their backgrounds. OOTC is also losing members too as they become Silent Keys. While the assigned member's numbers are nearly double since I joined, the number of living members is, of course, not nearly so long. I would like to urge you to make an effort to recruit new members. With band conditions improving now is a good time to get on the air and invite others to join us.

Speaking of band conditions—WOW! Finally the solar flux is above 70. There have been some excellent openings all over the world and on nearly all the high frequency bands. The new sun spot cycle hasn't been active enough to know if any of the several forecasts are accurate.

But, a place to get current information on sunspot cycle 24 on the Internet is at <http://www.solarcycle24.com/> A great tool—besides listening—to determine which bands are open and who might be on at any given moment is the use of a "DX Cluster". The one I like and use is the VE7CC DX Cluster. The software is free as is the use of the cluster. You can get the full story and the software at <http://www.ve7cc.net/>

OOTC was able to provide a \$1000 scholarship award the last two years. Your generosity and the earnings from investments have enabled this to happen. Please keep up the good work so that OOTC can do the same again this coming season.

The stories and pictures in the Spark Gap Times are always a pleasure to read. This issue is no exception. To keep this going requires your input. So, if you have a personal story or know of one that would interest, send to ootc@att.net or OOTC 3191 Darvany Dr. Dallas TX 75220-1611. We would also like to know of chapter and net activity. So please send in what you have been doing in the chapters and on the nets.

73, Troy
W6HV

**FROM WILLIAM D. PRICE, W4CZ, #3356
MY STEPS TO AMATEUR RADIO**

My father bought a Zenith "Chair Side" short wave radio before WWII. He was not in military service due to defense related work at a local plant. During WWII he called home each day at noon and mom would put the phone to the speaker of the SW band Zenith so he could hear the latest war news.

The Zenith band coverage was from 550 Kc. up through 18.5 MHz. A 6-tube superheterodyne with an I.F. of 456 KC. This radio, it turns out, was manufactured within a month of when I was born on 6 May 1938. My father kept this radio all these years, the cabinet in the living room, the non operating chassis in the basement.

After his passing in Sep. '95, I began rebuilding the radio, which can be seen on my home page at <http://www.qsl.net/w4cz>. The cabinet is a beautiful wood and has been re-finished to its original luster. My first recollection of this radio is about 1944 when I was six years old. I can still remember some of "WWII news" heard on the old Zenith.

My interest in amateur radio came from listening to the ham AM'ers on the Zenith. I continued to listen to short wave stations for many years, and still do. I learned the Morse code in the Explorer scouts, winning a set of Emico code records in a Boys Life SWL listening contest in the early 50s.

I pursued my radio interests in the Civil Air Patrol (CAP) with an FCC Radiotelephone license in 1954. Served four years in the USAF. Graduated Radar school in Biloxi, MS in Aircraft Control & Warning Radar operations. One of my assignments was in remote Alaska (Middleton Island) in '57-'58, in the Gulf of Alaska, south of Valdez and Cordova about 100 miles.

After Honorable Discharge from the US Air Force, was licensed in 1962 as WN4MCZ and a year later was WA4MCZ

DXCC Certificates:

Top of the Honor Roll (343 Mixed), Honor Roll (335 Phone), Challenge Award 1102. 5BDXCC, DXCC: RTTY (282), CW (219), 10 (218), 15 (254), 20 (298), 40 (148) & 80 (112). WAZ: Phone, CIN, RTTY (mixed) & RTTY (20 meters). WAS: Phone, CW, 160 CW, & RTTY. Transceivers: ICOM IC-781 (W/new LCD display) + IC-756 PRO-II. Amplifier: Alpha 87 A. Backup eq: Kenwood TS-450S & YAESU FT 757GX. For RTTY: PK-900 (digital modification), PK-232 backup. Mobile: FT-857D with Hustler antenna systems. w4cz@aol.com

FROM ROGER C. HOLLOWAY, W9VBJ, #2730 (pictures page 13)

I was born 1/27/24 in Michigan City, Indiana. I graduated from Isaac C. Elston High School in 1942.

I enlisted in the army in 1942. Serial Number 15334114, 8th infantry Division, 345th Regiment, Third Battalion, Co. L. I was in General Patton's 3rd Army. I fought in the Battle

of the Bulge, Rhineland and Central Europe. I was awarded three battle stars, the Combat infantry Badge and the Bronze Star Medal.

After I was discharged I attended Valparaiso Technical Institute completing a course in advance Radio Technology.

I served 12 years in the United States Naval Reserve as Electronics Technician Seaman. I had a First Class Radiotelephone License. Serviced ship to store radios and worked part time as an engineer at radio station WIMS 1420 AM. I received my Amateur Radio License W9VBJ in 1947.

I went to work for Northern Indiana Public Service Co. I started as a stockman, advanced to Electric Meter Tester, Electrical Engineer, Substation Engineer and Electric Substation Superintendent. I retired in 1983 after more than 32 years of service.

I attended St. Johns Evangelical and Reformed Church and served as Sunday School Superintendent.

I married W9AEO, Ted Emmons daughter, Annette. I fathered three sons, Steven WA9ZVT, Paul and Mark WD9BDP.

NEW MEMBER STEPHEN R. FISH, W1BG, #4533

Born 12/23/1946 Providence, RI. Spouse Arlene 1 child. KN1SGX-1961
w1bg@arrrl.net

NEW MEMBER JERRY MEYERS, K5KXD, #4534

Born 9/6/1951 Knoxville TN. KA5SQT-1960 KE6KXD. **meyersjg@msn.com**

NEW MEMBER RUSSELL T. HACK, NM1K, #4535

Born 3/2/1955 Hartfield, CT. Two-way CB 1969, KA1MZC-1985, KB1XD.
nm1k@amsat.org

NEW MEMBER JOE PENDERGRASS, W6VI, #4536

Born 5/20/1949 Pensacola, FL. WN8UEY-1966, WA8UEY, W6AAB. Member ARRL, QCWA, AMSAT, QRP-International, INDEXA, Orlando Amateur Radio Club, and past Secretary and current Board Member of the Lake Monroe Amateur Radio Society.
w6vi@bellsouth.net

NEW MEMBER KLAUS C. MOHR, DC0UH, #4537 (picture pg 13)

Born 05/14/1948 in Sielbeck northern Germany (Schleswig-Holstein). My grandfather had a shop for radios and radio repair, later on also TV's. My father followed him in repairing these devices. So for me it was very clear, where my future was. Not forced by my parents. After school I learned the job of an electrician. Followed by 8 years in the German Air Force in a Bunker deep in the earth for controlling the sky and guiding fighters in the "bad times". So my interest in Ham Radio started with CB at the beginning at that

time, because I had a lot of traveling by car to come home and if you are alone in the car what is better than talking to friends over the air.

My commanding officer was also a ham radio amateur and he sponsored a training course for amateurs. I joined it and the result was DC0UH. I loved this call sign and honestly, I was too lazy to learn CW. My motto is "wait and see" and the laws changed so that I'm allowed to work on short wave with "MY CALLSIGN". Unfortunately I'm living in the center of Frankfurt and a very small pocket (so says my wife) my equipment is very limited, also very bad conditions due to the location. So I'm glad to reach Brazilian or American stations. Japan or Australia is a dream from home, only on field days as a portable station. When I'm sitting at my station 12 fishes, 10 snakes and 5 spiders are watching me. I think it's good that I don't know what they think about me.
dc0uh@darcd.de

NEW MEMBER ROGER P. SMITH, AK4RS, #4538

Born 2/20/1947 Los Angeles, CA. Spouse Jane, 3 children. KN4PFK 1957, K4PFK. U.S. Public Health Service 1990-1992 LCDR.
rpsmith1947@hotmail.com

NEW MEMBER STEPHEN D. JOHNSON, KS6A, #4539

Born 8/11/1945 San Diego, CA. Spouse Joan, 3 children, KG6JAV. I was in the U.S. Navy 1966-1969 SM3. WV6JUJ-1960, WB6STG, KG6KPF, KQ6QR.

I was in Los Gatos, CA. and when I walked out my front door each morning and looked up to Blossom Hill Road I saw the tower of Ralph Heintz W6RH rising from his Ramohs lab. It was this tower that sparked my interest in ham radio. I received my first ham license while I was a freshman at Camden High School in 1960 and still living under the shadow of that tower. My first rig was a Heathkit DX-20 that I put together, and my receiver was a general coverage Hallicrafters SX-35. The antenna was an end fed random length long wire at 20' with no tuner! I worked 40 meters straight key CW for my novice year, and copied 25 WPM by the end of the year.

I had my shack in my bedroom, and some of my best ham radio memories are of quietly rising at 2AM so I wouldn't wake my parents, going outside to splash freezing cold water on my face to wake up, and returning to my rig to join a nation-wide round table of hams. I would be a little sleepy in class the next morning, but my parents never said a word to me about my nighttime radio adventures.

I tried for general twice at the FCC office in San Francisco before finally passing in 1966. I was WB6STG in the Navy in Vietnam and while attending college at Humboldt State University in Arcata CA. My wife bought me a SBE transceiver that I used as a mobile rig in my Volkswagen bus. The first time I worked Hawaii it was the middle of the night while driving up from the Navy base in San Diego to see my wife in San Jose. I picked up a hitchhiker, and he was sleeping in the back as I passed San

Luis Obispo. I made contact with the Hawaiian station and got so excited that I didn't notice the gas was low and ran out of gas in the middle of nowhere. I didn't want to leave my rig in the car while I hitchhiked to King City so I gave \$20 to the hitchhiker and asked him to go to King City for me and bring back gas. He could easily have disappeared with the money, but he returned about an hour later with the gas and change!

While working as a park ranger at Sugar Pine Point Park in the lake Tahoe area, I got my Tech ticket of KF6KPF and finally Extra class KS6A, all within the period of six months. I put up a 40' tower with a Highgain TH6 DXX and worked the world with a FT-920 until 2003 when the bands started going south. Now that they are coming back, I am retired and back on the air in Reno, Nevada with a new TH7-DX on a roof tower. Good DX and 73 – Steve. ks6a@sbcglobal.net

NEW MEMBER HARRY MICHAEL “MIKE” BURKHEAD, K4TC, #4540

Born 2/12/1946 Henderson, Chester County, TN. Spouse Edith AG4BD. I have been a ham since August 1966 and licensed continually since. Work all ham bands 1.8 through 440 MHz. Preferred mode is CW. Like shooting sports and am avid reloader. Love aviation and hold private pilot license, although not current.

The XYL, AG4BD, and I are dog lovers, and the German Shepherd is our favorite breed. I am presently the EMA Director for Chester County TN, and have served in that capacity from 1983 to present. Also served as Chester County TN volunteer Fire Chief since 1983. Resigned as Fire Chief in 2001, but remained as Emergency Management Director. Was a Deputy Sheriff for Chester County for 10 years. Total public service tenure with Chester County is 35 years. The picture (see page 12) is of me, the XYL Edith Louise, and our “baby girl” German Shepherd “Patty”. weather@usit.net

FROM GEORGE FLANAGAN, W2KRM, #4010

I noted that OOTC was still carrying two fellows that I know are silent keys: Leroy (Roy) Foody, W2EPN (#2037 joined OOTC 5/25/1977), who died Sept. 5, 1991 at the age of 84, and Don Miller, W2MQB, who died Dec 27, 2007 at the age of 90.

I first met Roy around 1951 when I was a kid of 14 and a newly minted ham. A true gentleman and one of the nicest guys I've known. His spark operating days were way before my time of course, but I remember his original call – 8DHF. It was neatly scratched on the knob of his old brass key from the spark days.

I first met Don Miller (W2MQB) in 2003 at a monthly luncheon held by retired operators from Amagansett Radio, WSL, a very familiar call to many hams and to any old-time RO who'd been on the Atlantic. I've been assembling a history of the early Long Island radio stations and have become a "regular" at the luncheons (sadly, the number of attendees has dwindled to four - excluding me). Don was a 20-year Navy man who went with Mackay as an engineer at the WSL transmitting site upon leaving the service. He went back to sea

as Chief RO aboard a few Caribbean cruise ships after WSL closed down in 1984. In addition to his original call, W2MQB issued in 1939, at times Don was VP3DA, CN8EB, W2MQB/C6A plus a couple others. He also held a private pilot's license for quite a long time, dating back to 1947. He was into old cars, too. I never saw it, but I understand his pride and joy was a restored 1951 Hudson Commodore that he'd enter in local shows and parades. A real hands-on guy, loaded with practical knowledge and experience.

I have only fond memories of Roy and the whole group of local amateur back then when I was first bitten by the bug. It meant a lot to an insecure pimply faced kid to be accepted as an equal. Whether or not that was the case, that's the way it felt and it sure made me feel good. Whatever the age, if you went through the FCC exam and code test, that time honored "rite-of-passage", you were an official member of the pack (something the VE and no-code licensing business stole from HR in my opinion)

I'd like to make an appeal for any information on the old Long Island, NY wireless stations. We had a slew of them here dating back to 1902. Marconi and De Forest each had a few, RCA opened the Granddaddy of them all, "Radio Central" at Rocky Point, which occupied almost 10 square miles. Independent Wireless Telegraph had three. Telefunken opened the famous Sayville wireless station in 1912, the first to consistently span the Atlantic. In addition to WSL (handled more daily traffic than any other coastal station in the world), Mackay had over 50 transatlantic circuits. And Press Wireless Sorry, I do get wound up rather easily. 73, George Flanagan, W2KRM. w2krm@optonline.net

AN OPINION BY A FORMER SECRETARY

The letter below was written by our Secretary Emeritus, Ted Heithecker, W5EJ, October 25, 1993, 2 months before his death. He became a SK December 25, 1993.

We have been requested to expound on questions which QCWA has asked a number of its members. The questions are: 1. Why is there an OOTC in addition to the QCWA? 2. What does OOTC offer to its members that QCWA doesn't? While it would be interesting to know just why QCWA is concerned, it is probably best to forget that and simply attempt to bring out facts to enlighten those having concerns. Upon reviewing historical facts, it seems at least possible that rather than OOTC being an addition to QCWA, the reverse is true. That is, that QCWA is an addition, an afterthought to OOTC.

The following are words of OOTC founder, Hubert E. Ingalls, W1NQ:

"During the fall of 1947, in October, I assembled a list of old timers who operated 40 or more years ago, many of whom were retired, most having obtained years earlier (1907). I knew quite a few, and had already begun to write to them proposing their taking part. It finally ended up that I was able to locate and contact 13 of them who I personally knew had been active in 1907 or earlier to take part. It was decided that we would meet on the air and transact our business in regularly scheduled meetings. The first official meeting of

OOTC occurred in January, 1948 when the following members met on the 80 meter band: W1ANA, W1LBI, W1NQ, W1ZE, W2APN, W2TF, W2UH, W3FJU, W3NUN AND W4VA."

These early day OOTC members were very proud of their participation in the development of Wireless communication. Many years before there were any laws governing its use and development, years in which every wireless operator was truly a pioneer. OOTC with its 40 years of experience requirement had a very limited group from which members could be recruited. Never the less the organization grew. At the last Thursday evening meeting held in 1952 (the 136th round table) George Hoffer, W2AVG was initiated as the 100th member.

OOTC is very much aware of time. In 1947 it seemed ages back to the year 1907. Those 1907 wireless pioneers were not particularly aware of their ground breaking status. They were, instead, interested in making improvements, and developing communications equipment and techniques that allowed communication over longer distances, and with greater reliability. Well, consider then, those who are breaking into wireless communications now, what are their goals. At least in part, they are the same. Improved reliability, ease of operation and personal satisfaction of overcoming roadblock problems. Those now coming into Wireless will be no less pioneers in the year 2033 (40 years hence) than were our OOTC Founders. It is our hope that OOTC will be here to offer them an association with vast experience in keeping the faith, and one that has been recording their activities during the then past, now future 40 years. While no one can at this time be certain, it seems at least reasonable to believe that the founding group of members of QCWA were well aware of the 1947 activities of OOTC and realizing that most of them were not eligible, set up the QCWA having a much less restrictive requirement for longevity based on years licensed, rather than the arbitrary date of 1907. At the time of the founding of QCWA, probably best to forget that and simply attempt to bring out facts to enlighten those having concerns.

(1) Upon reviewing historical facts, it seems at least possible licensed operation in 1922 or earlier made one eligible for membership in QCWA thus opening the doorway to thousands who began operation between 1912 and 1922. QCWA's eligibility requirement is based on the length of time a member has held a license. OOTC has, on the other hand, emphasized individual involvement in wireless communication, paying great attention to each member's original involvement in wireless communication, and even more particularly, their personal lives as affected by their early wireless experiences. Slight heed is given to the year one may have received a Government license. In our opinion, the lives and activities of our members are of far greater importance than the number of years one might have had a Government license.

(2) "What does OOTC offer to its members that QCWA doesn't?" In truth this one is hard to define. Prestige is, of course in the picture. In general 40 years of experience tends to be a bit more prestigious than 25 years.

We of OOTC tend to feel that we are a somewhat more in touch with our members than is the case with QCWA. We have much knowledge of their personal achievements and contributions to the art of communication, this because we actively seek their personal history and publish information about individual members, their life experiences, and so on.

Both OOTC and QCWA attempt to provide each member with services to which they are entitled. In OOTC the cost of special services is much less than in QCWA. For instance our 50 and 60 year pins sell for \$3.50 versus \$15 for QCWA. OOTC certificates are free of added cost. Fees for Membership in OOTC are low, costing \$15 for the first year and \$10 thereafter (today \$22 and \$12). And of course, we do credit as important, Wireless Experience gained by our members in commercial and/or military life, areas in which many devoted much of their lives. While not radical about it, we have an affection for CW operation since that was essentially the only means of communication available to our Founders, and therefore an important part of our proud Heritage handed down by them.

A SPARK STORY

**From the February 1, 1962 "Blabber Mouth" (now Spark-Gap Times).
Contributed by VE3BKL, Homer T. Houser (SK), #0260
NIAGARA FALLS, ON. CA.**

In 1922, being a young married man with a new baby boy and a half KW, straight gap spark station, and like all other hams, wanted more power and a better signal. After scraping the money together, I proceeded to Buffalo, N.Y. where I purchased a 1 KW station complete with rotary gap and everything.

Now, how was I to get this back into Canada without paying a heavy duty on it which amounted to about 45%, not on the purchase price but on the estimated value they set on the equipment. Needless to say, I didn't have that kind of money, so decided to smuggle it back into Canada. The chap I bought it from agreed to help me. We loaded the rotary gap, condensers, etc. in a wooden soap box, and put it and the transformer on a street car which took us to Niagara Falls, and there we loaded it all on another street car under the back corner seat. We sat down and our winter coats covered any part showing so that when the custom man asked if we had anything to declare, said no. He passed on, the car moved on over the bridge to Canada and we started to breathe again. Hi. We took it another mile and loaded it on the caboose of a freight train which transported it and me another hundred miles, unloaded the equipment and me on a road crossing where I borrowed a wheel barrow

and wheeled the whole shebang home. Well, the next day or so I spent in getting the equipment in shape and set up and must say was sure a happy ham. Didn't have BCI, TVI, etc but did have "light interference". When I closed the key everyone's lights in the block went out. Well, after the town installed a much heavier transformer, most of my trouble was over.

Even now when I remember back, I almost break out in goose bumps thinking of what might have happened if the custom man had been more observant. Foolish, and also very much a wireless ham, who or what is going to stop him from getting the very best signal on the old 200 M band.

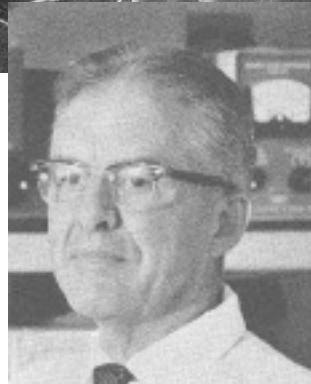
Page 8

"Mike" Burkhead, K4TC, #4540
xyl Edith Louise AG4BD and
German Shepherd "Patty"



From June 1962

Spark-Gap Times, W4AX, #0285,
David Shafer, at age 12,
made up his own call "SOX".



Shafer was licensed "3AC" 1919. Homemade regen receiver and sync spark transmitter. Later K2GU and then W4AX. In 1922 was 2nd Sparks on S.S. Persian (KQX) plying east coast. Chewed out by 1st operator for calling CQ – never sent a CQ since! Retired Gen'l Supvr of maintenance and operations after 42 years with Western Union.



Pg. 4 President Troy Wideman



W9VBJ 1950 PG. 6



**OOTC replacement
pins Pg.3. If you qualify,
the 80 year PIN is FREE**



BADGE PG. 22



W9VBJ ABOUT 1983



**Were you licensed at least
25 yrs ago? licensed now?
Then you should belong to
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Wireless Association
QCWA INC. PO Box 3247
FRAMINGHAM MA 01705**



DC0UH PG. 7

RENEW? Send \$12 sustaining fee OOTC 3191 Darvany Dr. Dallas TX 75220-1611

No.4 **The Rules Say...**

John B. Johnston, W3BE, #3946

Q. Section 97.313(b) through (h) says that no station may transmit with a transmitter power exceeding a certain number of watts for various combinations of control operator class, frequency bands and segments and locations. The definition in the *Handbook* for many years (a device that produces radio-frequency signals) would seem to remove all limits on RF power through the use of multiple transmitters. What, therefore, is a “transmitter” in the context of Section 97.313?

A. No definition for that term is in Part 97, which is where it would be expected if it were used uniquely therein. Nor is it defined in Part 2, which is where it would be expected if it were used uniquely throughout the rules. Dictionaries say it has several meanings, including this which seems relevant: the part of a broadcasting apparatus that generates and modulates the radiofrequency current and conveys it to the antenna.

W3BE-O-GRAM: With allowances for the prohibition in Section 97.113(b) on engaging in any form of broadcasting and in recognition of the many forms the circuitry of our stations can take, how about this for a good amateur practice?

GAP: *In an amateur station, a transmitter is all of the apparatus that produces and modulates an RF signal on one channel for conveyance to an antenna system.*

Q. What, then, is the transmitter power limit?

A. There are four rules that must be observed. First, Section 97.313(a) says an amateur station must use the minimum transmitter power necessary to carry out the desired communications. That directive comes from the Communications Act SEC. 324 [47 U.S.C. 324]. It seems to be viewed within our amateur service community as an admirable guideline – at least for everyone else to observe.

Secondly, Sections 97.313(b) through (h) say that no station may transmit with a transmitter power exceeding a specified PEP in watts for the band or segment. Thirdly, Section 97.13(c) says that before causing or allowing an amateur station to transmit from any place where the operation of the station could cause human exposure to RF electromagnetic field levels in excess of those allowed under Section 1.1310, the licensee is required to take certain actions.

This requirement comes from the National Environmental Policy Act of 1969, as amended [42 U.S.C. 4321–4335].

Finally there is our catchall rule: Section 97.101(a) says that in all respects not specifically covered by FCC Rules each amateur station must be operated in accordance with good engineering and good amateur practice. For most hams relying upon power amplitude communications technology, however, the practical power limit is probably determined by one's personal agenda, budget, engineering resources and what contest sponsors and our amateur service community considers good engineering and good amateur practice. Here is where the proposed GAP fits in.

Q. What is PEP?

A. It means peak envelope power. It is defined in Section 97.3(b)(6) as the average power supplied to the antenna transmission line by a transmitter during one RF cycle at the crest of the modulation envelope taken under normal operating conditions. It is a statement of RF power, in watts, that seems to apply well to practically all emission types and for which reasonably accurate external measuring instruments are available widely for amateur stations if not already built into the apparatus.

Q. What does transmitter power mean in the case of an amateur station where multiple linear amplifiers share a common exciter?

A. Under the proposed GAP, at least, it means that transmitter power is the combined total RF power into the feed line(s) to the antenna system for any one combination of apparatus. Further, it negates all issues of multiple driven elements in the antenna system and the number and configuration of exciters and amplifiers possible.

Q. What is a “linear?”

A. It is an RF amplifier that increases its instantaneous power output level proportional to its signal input without introducing unacceptable distortion. See BE Informed No. 31 HAMSLANGUAGE. Section 97.3(a)(18) defines an external RF power amplifier as a device capable of increasing power output when used in conjunction with, but not an integral part of, a transmitter.

Q. Don't many of the restrictions in Section 97.313 specify the maximum power in a band or frequency segment, so even though the station is transmitting simultaneously on more than one frequency in a band, the rule

limits the station's power to a maximum power for that band?

A. Where Section 97.313(b), for example, which says that no station may transmit with a transmitter power exceeding 1.5 kW, it could be taken to be based upon one transmitter at one station at one location with one antenna, but it really doesn't say that specifically. That's where the above-proposed GAP would come into play.

W3BE-O-GRAM: Even 1.5 kW is far beyond the norm within the amateur service community; It is probably closer to 100-200 W at most MF/HF stations, 25-50 W at VHF stations, and 20 W at UHF stations. The relatively few high power stations - although they can raise the receiving noise level significantly - seem to be tolerated by our amateur service community, for short-lived contest periods at least.

Read *The Rules Say...* *WorldRadio Online* column on-line at <http://www.cq-amateur-radio.com/>.

BE Informed! Have a question about the amateur service rules? Visit <http://www.w3BEInformed.org>; and e-mail john@johnston.net.

FROM THE EDITOR, SPARK-GAP TIMES

I am asking you for "member input" for publication in Spark-Gap Times. It can be a photograph of you, your station, wedding anniversary, anything about your early or present ham activity. If you submit an article from another publication I will need to obtain permission to publish. Thank you. Send to Editor Spark-Gap Times, 3191 Darvany Dr. Dallas TX 75220-1611 or by e-mail to ootc@att.net

Are you the one that can furnish an "original" cartoon for Spark-Gap Times every three months? If so, send to the Editor at the above address.

"Hats off" to **EUROPEAN CHAPTER 5**, the largest OOTC chapter. Their silent key list is kept up to date and contains over 140 silent keys members with prefix DF, DJ, DK, DL, F, G, HA, HB, I, LA, OE, ON, OZ, PA, SM, SP, SV and YO. All nets use an OOTC call of DL00TC !

Today there are 123 international members not reported SK, majority in Europe, 56 in Germany. Sadly, there are 3126 OOTC Silent keys. Keep OOTC "**alive**" by sponsoring one or more new members.

PAGE 17 VOI. 47 NUMBER 1 JANUARY 2010 Birthdays during JAN - FEB - MAR.

Notice: There may be unreported SKs

1/1 BIRT G3NR	1/11 ERWIN W5PUT	1/23 SMITH W6RZA
1/1 BUTROVICH III W5UWB	1/11 LEACH III K4OMZ	1/23 YOUNG K4KJP
1/1 GIURGUI YO6EX	1/11 MC CORMACK K1PLX	1/24 POUNDERS W5NJS
1/1 HOWARD JR K4RKN	1/11 MILLER K3ARN	1/24 WALDSCHMIDT W9WA
1/1 KOT W6CJO	1/12 EDWARDS VE7BRX	1/25 GILL W9RMP
1/1 LISTING PA0JAL	1/12 EVELAND W6QM	1/25 NARATIL W3BNR
1/1 MINSKY W2BJ	1/12 O LEARY K0YCN	1/25 SALEM W8VLD
1/1 STEIN KC6T	1/12 TOZIER JR W1GAX	1/26 DOERRIE K5IS
1/2 LOTT W6VIB	1/13 BERRY JR K8UGL	1/26 KNAPP W4UTO
1/2 SNIDER K0BGL	1/13 CAMMER WB6OLL	1/26 MOATES W5KOD
1/2 WARD K1DW	1/13 LEVENSON W2FKN	1/26 WALKER K5CFW
1/3 SVEC JR WA4BKW	1/13 MC KEE JR W3RFQ	1/26 WRATCHFORD W8OVO
1/4 BIRD WS7R	1/13 SCHROEDER JR W9JUV	1/27 BLAKE N4DB
1/4 GRISCH HB9ER	1/14 GRANDISON K6WS	1/27 GARRETT NU2P
1/4 KOONCE W3GOU	1/14 OBRIST N2AO	1/27 HESS K9MDK
1/4 LITTLEWOOD K4HF	1/15 POLITI W1NU	1/27 HOLLOWAY W9VBJ
1/4 NUTT JR W6PN	1/15 SEVER W8IM	1/27 LEWIS W7IWE
1/5 HIGGINS W7ES	1/16 CHANCE W3UC	1/27 MALLON WA4GCH
1/5 HOLLOWAY K4EQ	1/17 GOLDBERG KD2IN	1/27 SHARP JR W8WWG
1/5 NIPPER W4AGN	1/17 HISSERICH AF0F	1/27 STRAUCH W5VBX
1/6 CRAWFORD WB3KDB	1/17 LEAKE W4BCI	1/28 FRANK W1SOV
1/6 FINN K0HLA	1/17 MILLER VE7KC	1/28 RHODES K5OQ
1/6 PATTERSON W6RYX	1/18 AITON W6HAG	1/28 RING JR N1EA
1/6 RANDALL W1ZE	1/18 CLEVELAND SR W7ZM	1/28 WENZEL W2GF
1/6 SANDERSON KD0YZ	1/18 ERWAY K2TAE	1/29 WONSON AE4AU
1/6 SUNDERMAN JR K4XTC	1/18 NIELSEN K2GRO	1/30 COLEMAN K6VW
1/6 ZANONI AH6WA	1/18 PILAFIAN W4SQG	1/30 RYAN W6LOA
1/7 LOWE K4QF	1/18 TUCKER N6TK	1/31 FRASIER K2ANJ
1/7 SKINNER W9QXR	1/18 WHEELER W9QR	1/31 GLAZE K4SUS
1/7 THOMPSON W5RFM	1/18 WORTMAN W6KTP	1/31 HOUGH W6HZM
1/8 BLAIR AC4YP	1/18 YEAGER KB0MTY	1/31 TAX KA2YFX
1/8 FRANKE DL2AYJ	1/19 WELLS W5ZUT	1/31 WILSON K6LRN
1/8 GÖSCHLBERGER OE2JG	1/21 BOTELHO W3NNA	2/1 DOLESE W5KEB
1/8 GRÜNBERGER DL6KQ	1/21 LAMBERT W8IXD	2/1 FLANAGAN W2KRM
1/8 STANTON W5LBU	1/21 RUSSELL N2HY	2/1 SCHRAM K9KUV
1/8 WILLIS W6LPJ	1/22 DOBKINS W5LCM	2/2 BELRUP SM7COS
1/9 CHILDS K6IPM	1/22 IVERSON K0EWU	2/2 GARTSMAN W6ATC
1/9 HOWELL W4SOD	1/22 LUCCHI W6NVN	2/2 HERZER DL7DO
1/10 AARON WA2IEI	1/22 SIZEMORE SR W6ADO	2/2 MORGAN W4VAB
1/10 HERZOG DK8ZZ	1/23 MARSHALL JR W1FJI	2/3 MOORE W5DXP
1/10 SIFF WA4BUE	1/23 RICHARDSON K6MHE	2/3 STEPHENS W4AET
1/11 BELL W6AQ	1/23 ROUMAN W8OWN	

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2/3 STOWE W4HOZ
2/4 BOYD K6DZY
2/4 DIRIC K5CSK
2/4 HARTLEY K4WSB
2/5 BARNETT SR W5UJA
2/5 GUIMONT JR WB6LLO
2/5 WEISS K6VU
2/6 BENNETT III KF4UTH
2/6 LIVINGSTONE N6FIS
2/6 NEELY W5NFN
2/6 SCHWEIZER JR W2CF
2/7 BARGELLINI WA3KNN
2/7 BRANDENBURG W0QNI
2/7 GAGNON N6MA
2/7 GUDAS N7TP
2/7 HILL N6DZQ
2/7 SIMPSON WA4SLF
2/7 SOIFER W2RS
2/7 WILKERSON WD6FDD
2/8 BARTA W7HTF
2/8 HILL W5HX
2/8 NOTT K5YNR
2/9 HELD K6QS
2/9 TAFFET W2ERJ
2/10 WILLIAMS JR W4TY
2/10 YELLEN W2EDA
2/11 PETERS W1PE
2/11 SAGER KA1BAB
2/12 GARLAND K5WSX
2/12 ROSENBAUM KB9DNV
2/13 CARTER W6AJ
2/13 WEBER K5IU
2/14 BIGELOW JR W3AAA
2/14 GRANTHAM W6BCN
2/14 STRAIN W9MIU
2/15 MC BRIDE W4DGJ
2/15 MC GAVRAN JR W5PNY
2/15 SKLOOT K1NY
2/16 LOVAASEN K0MFB
2/16 PHILLIPS W7KG
2/16 SWAFFORD W4HU
2/17 ANGLIN JR N5MPO
2/17 JACQUINOT K2DL
2/17 MANLEY KH6B
2/17 ROULLARD K6GTP

2/18 STEWART K6HV
2/18 THOMPSON W7JT
2/19 BENDER W3SYY
2/19 HALL K6HSN
2/19 HOLLADAY K4VMO
2/19 LAW WB4NLU
2/19 LEWIS WB7EMJ
2/20 ALBISTON W1RCA
2/20 DEVILLON K4ZRP
2/20 HUFF W6JL
2/20 MC CULLEY K0RJS
2/20 MEIROWITZ WA2ELE
2/20 RAVENS JR K1QLG
2/20 SMITH AK4RS
2/20 WONSON AC4KA
2/21 MAC MILLAN W2FGY
2/21 TEUFEL K7VHV
2/22 COONEY K1TU
2/22 EVANS KC2ICX
2/22 HILLS W6QEE
2/22 JOHNSON W9TNN
2/22 MORRISON W6NFH
2/22 RECK DM2AXO
2/22 SHEPARD KK5KW
2/22 STRAUSS W1SS
2/22 WOLFSON DJ0QN
2/23 BOUDREAU W5FKX
2/23 SOCHOR N9SW
2/23 TAYLOR KS5A
2/23 WIESEN K2VX
2/24 BURROWS W9JWT
2/24 HOLTJE W2TQS
2/24 REUSENS OA4AV
2/25 CIPOLLETTI WB2SPP
2/25 HEINRICH DL1BT
2/25 MCKEE W5JIF
2/25 ZELLE W8FAZ
2/26 KING F5TZ
2/26 SANTOSKI K9UTQ
2/27 FORD W6HFV
2/27 KIDDER W1DOK
2/27 MC PHERON K8IJD
2/27 RAYMOND W0GQN
2/27 RUSCHMEYER W0JKY
2/28 JOHNS WB0LBL

2/28 SNELGROVE C6ADY
3/1 MILLER W0IKT
3/1 SMITH K3SIS
3/1 WEHNER W8KNO
3/2 HACK JR NM1K
3/2 PHELPS KF6RXB
3/2 SIEGEL W2ST
3/3 CALLAHAN WA2NZA
3/3 MC CONNELL W6DPD
3/3 NOLAN G3KWK
3/3 NOLAN G3KWK
3/4 CHAPMAN W6VIF
3/4 DOE JR W1GQU
3/4 HOUGH W7GK
3/5 WHITTEN K0PFX
3/5 WOODS W7TW
3/6 GIBSON W3DJ
3/6 KIESNER W6MK
3/6 WILLIAMS N5RUZ
3/7 ARNHOLT K9RXX
3/7 BARROLL W7OP
3/7 BROWN W9HBF
3/7 CLARK W3ZMN
3/7 HOLLABAUGH W6TMU
3/7 KREIBOHM DJ5ND
3/7 MEYERSON W0GFQ
3/7 NIX N4UAO
3/7 STROUT SR W2YC
3/8 GOLDWASSER W4RD
3/8 JONES NM4R
3/8 WEAVER W0PTU
3/9 DAVIS NQ0G
3/9 TRUSSELL W7BQ
3/10 GOODWIN JR K5RG
3/10 PHELPS W8TP
3/10 RICHARDSON N8CE
3/11 COILE K6FVH
3/11 KAMPS DL9YP
3/11 PERKINS WA7SNY
3/11 VAN LOO ON4QN
3/12 BACON K4NTS
3/12 DIAMANTONI W8ERN
3/12 FORSYTHE C6ANU
3/12 HENDERSON W5UZV

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 3/12 HRUZA KB0OKU
 3/12 KOEHNA DJ2VZ
 3/12 ROBINSON K1QAR
 3/13 GRABEL N2FLR
 3/13 PHELPS W6LLP
 3/14 BETHEL K4CT
 3/14 DEXHEIMER W2VCI
 3/14 PAUL W6THU
 3/15 BRAY W1GRS
 3/15 EDWARDS W6MCV
 3/15 HICKAM N3RSD
 3/15 ROUNDING W1LZS
 3/16 BROOKS II W4UMC
 3/16 WILHELM W7UKK
 3/17 DASO K4ZA
 3/17 HEARN K4PMT
 3/17 JOHNSTON K0FNR
 3/18 BUCHANAN W1TXU
 3/18 LEMBCKE DL1ZC
 3/18 PACE N7DD
 3/18 RUSSELL K8RSU
 3/18 WHIPPLE AA4CV
 3/18 WOLFF W4RLB
 3/19 KIRBY N3AAZ
 3/20 ANDERSON JR KU6Y
 3/20 GRÄTZER HB9JAI

3/20 GROB JR NN8R
 3/20 KLUSMAN WA8KAZ
 3/20 MACIE W1GVV
 3/20 NEWSOME W0HXL
 3/20 REYES DU1OR
 3/20 SHORB W3FSA
 3/21 AKINS AB4HR
 3/21 BRATTON K5RA
 3/21 ENSANIAN KI3U
 3/21 HOESTENBACH SR W5EGS
 3/21 HOPKINS K1GIR
 3/21 MARTEK NZ8X
 3/21 PICKERING KJ9N
 3/22 PFEIFFER DJ9AL
 3/22 SOKOL W9JXN
 3/23 CARNETT N5PEN
 3/23 DEAS JR K6VLH
 3/23 DUNKELBERGER W6MKA
 3/23 MC NULTY K0EFV
 3/23 MEYER N5JM
 3/23 STEINBERG K9IKZ
 3/24 FOSTER JR NN7K
 3/24 PINGREE W1ZD
 3/24 TREMBLY W5VWZ
 3/25 BAILEY W7SDE
 3/25 DEELEY K4WWL

3/25 PAGELS K9AAL
 3/26 BLOW W4OMO
 3/26 HEINE W5OVV
 3/26 PARTRIDGE K2QBZ
 3/26 REINHART K9PLM
 3/26 RISING K6THQ
 3/26 ROTH N0LAG
 3/26 TOLLER N4US
 3/27 JONES VK3BG
 3/27 KILLORAN W7PP
 3/27 LANEY III K4BAI
 3/27 TAYLOR VE3CT
 3/28 BENNOEHR DL1NP
 3/28 DOTY JR W7ACD
 3/28 HEILMAN SR WJ3W
 3/28 OSTBY K7ZW
 3/28 WEISS NH7Y
 3/29 MULBERG W2MJP
 3/29 OAKLEY W7AB
 3/29 WILDMAN ZS6AD
 3/31 ENGEL AA4PE
 3/31 EPSTEIN K8IA
 3/31 MOYNAHAN K3EE
 3/31 SCHWENGER DJ3WE
 3/31 SHOTTS W6MEB
 3/31 SWINNEY W8CNJ

INTERESTING INFO:
 RE: THOMAS APPLEBY,
 SPARK OPERATOR,
 W3AX, MBR #0228,
 AUTHOR OF THE
 BOOK DESCRIBED
 ON THE RIGHT
 "MAHLON LOOMIS
 INVENTOR OF RADIO"

MAHLON LOOMIS, experimented and demonstrated Wireless Radio in 1864, by sending Radio Signals 18 miles using 400-foot Long Wire antennas, and keying same to ground using Free Power available at 2000-foot elevations on top of mountains in Northern Virginia. Loomis received the Patent by U.S. Congress in 1872 and Corporation Charter by U.S. Congress in 1873. Describing his work and the File in the U.S. Library of Congress is the book, MAHLON LOOMIS INVENTOR OF RADIO, by Thomas Appleby, © Copyright 1967, 188 pages.

Now available from: Svanholm Research Laboratories P. O. Box 81, Washington, D.C. 20044.

THESE MEMBERS ARE "SILENT KEY". CALLS MAY HAVE BEEN REISSUED.

NAME DOB	# 1ST WIRELESS	LAST CALL	SILENT KEY REPORT FROM
IRVING FRANK MILLER B: 12/13/1920	3066 W9AJD-1939	W5PBN	9/14/2009 JOHN PUCKETTE WA5BNS
MARION J. HENSON B: 12/12/1920	2870 W6NKR-1935	W6NKR	SK DATE MISSING QCWA JRNL FALL 2009 P.54
DAVID L ZIMMERMAN B: 1/3/1910	3444 W9IXA-1932	W0IXA	SK DATE MISSING QST OCTOBER 2009 P.102
HUGH F. BEAM B: 9/12/1932	3651 KN4PPS-1957	W4HFB	9/11/2009 DOROTHY BEAM K4PPS #3652
LAWRENCE D. PAULET B: 5/8/1930	3508 MILITARY-1951 W8KXS-1952	AA1NW	SK DATE MISSING OCT 2009 SGT RETURNED DECEASED
ABEL PEREIRA LEITE B: 4/30/1920	2157 PY2NH-1939	PY2NH	12/24/2004 SON, MARCOS PEREIRA LEITE
A. KENNETH JOHNSON B: 11/28/1919	2900 W9BSK-1939	W6FU	10/2/2009 STEPHEN GREGORY WA6FEJ #3803
LEONARD K. YERGER B: 4/21/1917	1859 W3BTQ-1931	K6SS	8/21/2009 W6HV TROY WIDEMAN #2852
MARGARET L. ROBERTS B: 10/28/1910	3401 W8BFQ-1947 then K4GKL	W8BFQ	10/23/2009 BOB ROSKE N0UF #4081
ROY T. FOODY B: 7/17/1907	2037 9DHF-1923	W2EPN	9/5/1991 GEORGE FLANAGAN W2KRM #4019
DONALD A. MILLER B: 11/14/1916	2397 W2MQB-1938	W2MQB	12/27/2007 GEORGE FLANAGAN W2KRM #4019
ROBERT W. MC FADDEN SR B: 10/2/1930	4020 KL7WI-1949	K4FF	SK DATE MISSING QST DEC 2009 P.98
JOSEPH ZELLE B: 2/25/1912	3280 W8FAZ-1932	W8FAZ	SK DATE MISSING QST DEC 2009 P.98
ERNST-FRIEDRICH AURAND B: 5/11/1920	2945 DL9KJ-1950	DL9KJ	4/10/2008 EUROPEAN CHAPTER SK LISTING

NEW MEMBERS OF OOTC.

NAME	CALL	#	REFERRAL - SPONSOR - ELMER
STEPHEN R. FISH	W1BG	4533	SECRETARY
JERRY MEYERS	K5KXD	4534	SECRETARY
RUSSEL T. HACK JR.	NM1K	4535	SECRETARY
JOE PENDERGRASS	W6VI	4536	SECRETARY
KLAUS C. MOHR	DC0UH	4537	SECRETARY
ROGER P. SMITH	AK4RS	4538	SECRETARY
STEPHEN D. JOHNSON	KS6A	4539	SECRETARY

Notice: Call letters shown were calls they used, subject to reissue since then.

PRESIDENT

1947-1949 IRVING VERMILYA ***W1ZE**
 1950-1952 GEORGE STERLING ****W1AE**
 1953-1955 IRVING VERMILYA ***W1ZE**
 1956-1958 WATSON GREENE W1CPI
 1959-1963 EARL CLINE SR *****W4PPZ**
 1964-1967 BERT OSBORNE W4MF
 1968-1969 RAYMOND F GUY W4AZ
 1970-1976 ANDREW SHAFER W8TE
 1977-1978 FRED ELSE W6FB/KH6CZ
 1979-1984 RAY MEYERS W6MLZ
 1985-1986 LEWIS SIEK K4NE
 1987-1990 L. F. HEITHECKER W5EJ
 1991-1992 DUNCAN KREAMER W1GAY
 1993 HARRY GARTSMAN W6ATC
 1994-2004 LELAND SMITH (SK-in-office) W5KL
 2005 DUNCAN KREAMER W1GAY
 2006-now TROY WIDEMAN W6HV

VICE PRESIDENT

1947-1952 ROLAND BOURNE ******W1ANA**
 1953-1958 CHARLES ELLSWORTH *******W1TU**
 1959-1961 LAWRENCE DUNN W2CLA/W2LP
 1962-1964 MERRILL BEAM K2BX
 1965-1967 PERLEY B DUNN W6WPF
 1968 FRED ELSE W6FB/KH6CZ
 1969 EDWARD RASER W2ZI
 Assistant BERT GAMBLE W5ZC
 1970-1971 WILLIAM GOULD III K2NP
 1972-1976 FRED ELSE W6FB/KH6CZ
 1977-1979 GEORGE ELDRED W9SG
 1980-1984 LEWIS SIEK K4NE
 1985-1986 HOBART JOHNSON W3AC
 1987-1990 DUNCAN KREAMER W1GAY
 1991-2005 HARRISON MOORE W2JQS
 2006-now JOE SCHROEDER W9JUV

TREASURER

1947-1852 HUBERT INGALLS W1NQ
 1953-1958 EARL CLINE SR *****W4PPZ**
 1959-1964 EARL WILLIAMS W2EG
 1965-1966 EUNICE THOMPSON W1MPP
 1967-1968 T. FRANK SMITH W5VA
 1969 BERT GAMBLE W5ZC
 1970-1976 RAY MEYERS W6MLZ
 Assistant LEE MANN K6KP
 1977-1978 RAY MEYERS W6MLZ
 1979-1986 A. J. GIRONDA W2JE
 1987-1991 BERT AYERS W6CL
 1992-1993 WESLEY RANGLES W4COW

This report compiled from the best records found.

TREASURER(continued)

1993-2008 LEE KNIRKO W9MOL
 2008-now JOSEPH WEHNER W8KNO
EXECUTIVE SECRETARY
 1947-1953 HUBERT INGALLS(founder)W1NQ
 1954-1956 FRED MULLER (SK-in-office) W4ZL
 1956-1957 EARL CLINE SR *****W4PPZ**
 1958 RICHARD KLEINBERGER W2AEC
 1959-1964 EARL WILLIAMS W2EG
 1965-1967 EUNICE THOMPSON *******W1MPP**
 1968 T. FRANK SMITH W5VA
 1969 BERT GAMBLE W5ZC
 1970-1978 RAY MEYERS W6MLZ
 1979-1986 A. J. GIRONDA W2JE
 1987-1988 BERT AYERS W6CL
 1989-1990 WESLEY RANGLES W4COW
 1991-1993 TED HEITHECKER (SK-in-office) W5EJ
 1994-2007 BERT WELLS W5JNK
 2008 BILL CARTER W6AJ
 2009-now BERT WELLS W5JNK

* **W1ZE** Operator at old "CC", the Marconi station at South Wellfleet, Cape Cod, MA.

** **W1AE** FCC Commissioner during his term as OOTC President.

*** **W4PPZ** Originator of OOTC newsletter Blabbermouth, later renamed Spark-Gap Times.

**** **W1ANA** designed OOTC certificate still used today. He was top executive at Maxim Silencer Co. and close associate of Hiram Percy Maxim, the founder of ARRL.

***** **W1TU** One of the three wireless operators who handled all the traffic on the Titanic sinking while he was with the Canadian Marconi Company in Newfoundland. Also received a Presidential commendation for the handling of radio traffic on the NC-4 transatlantic flight. He sponsored Marconi's daughter as the Old Old Timers Club first honorary member.

***** **W1MPP** The first woman broadcaster in the United States, and no doubt the world.

#0026 K2AE Henry Broughton made radio contact across the stage, assistant to Nikola Tesla, the Chicago Worlds Fair, 1893.

If better Info known, advise editor ootc@att.net

OOTC BADGE 1/16" X 2" X 3"

(see sample on page 13)

White background and either BLACK or RED logo and lettering. Beveled edge gives either a black or red border. Send this order blank or a copy of it with check, money order, or U. S. currency to: OOTC INC.

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Dallas, TX 75220-1611

PUT MY MEMBER NUMBER UNDER THE CALL LETTERS YES _____ NO _____
(IF YOU DO NOT CHOOSE, THE MEMBER NUMBER WILL BE OMITTED)

CHOOSE RED OR BLACK LETTERING
(If you do not choose, black lettering will be ordered)

WHITE WITH BLACK LETTERING _____

WHITE WITH RED LETTERING _____

BADGE WITH LOCKING SAFETY PIN BACK (\$8.50) _____

BADGE WITH PLASTIC POCKET CLIP (\$10.50) _____

BADGE WITH MAGNETIC BARS (\$9.50) _____
(NO HOLES IN SHIRT OR BLOUSE)

BADGE WITH BOLO CLIP AND TIE (\$9.50) _____

CHOOSE TIE COLOR

BLACK _____ RED _____ BLUE _____ BROWN _____

(If you do not choose, black tie will be ordered)

PRINT YOUR CALL LETTERS

PRINT HOW YOU WANT YOUR NAME TO APPEAR

PRINT WHAT YOU WANT HERE, CITY & STATE, OR ?
(If you want nothing here, say "nothing here")

OLD OLD TIMERS CLUB INC.

APPLICATION FOR MEMBERSHIP, MAIL TO OOTC INC.
3191 Darvany Dr., Dallas TX, 75220-1611

PH: 214-352-4743 E-mail: ootc@att.net Web site: www.ootc.us

(PLEASE PRINT ALL ITEMS CLEARLY)

Name_____

Present call_____ Address_____

PHONE_____ E-mail_____

1st 2-way HAM wireless(Year)_____ Nickname/Handle_____

My first amateur call was_____ Other calls_____

If not HAM, first 2-way wireless Commercial Radio () Military Radio ()

CB () Year_____ Describe it_____

Date of
Birth_____ Birthplace_____

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New member enrollment **\$22. \$10Initiation+\$12** (1yr OOTC sustaining fee) Yearly fee **\$12**. All members of same family at same address for \$15/yr. Or elect **\$10** initiation plus lifetime sustaining fee for **under age 75 \$175., 75 to 79 \$135., 80 to 84 \$110., 85 to 89 \$85., 90 to 94 \$50.** NOTE: If short of money, pay in 3 installments when you can. If you are **95** or over membership is free, no money. Funds must be acceptable at a U.S. Bank.

Renewal-Send \$12 to OOTC INC 3191 Darvany Dr. Dallas TX 75220-1611

The sustaining fee supports the operation of the club. When you join, you are a member for life. Without adequate support, mailing of Spark-Gap Times is not always possible to members not paying. However, delivery of Spark-Gap Times will continue via email PDF attachment. Members may request Spark-Gap Times by E-MAIL PDF attachment by sending request to ootc@att.net or 3191 Darvany Dr. Dallas, TX 75220. This will help save printing-mailing cost and help prevent future sustaining fee increase. INTERNATIONAL MEMBERS NOTE: Please remit (1) American Express money order, or (2) Check drawn on a U.S. Bank if a branch of a U. S. bank accessible, or (3) if foreign bank you must add \$20 collection fee charged by our bank, or (4) U. S. Currency.

ELIGIBILITY REQUIREMENT. You are eligible If you had two-way wireless communication 40 (or more) years ago (eligible on January 1 of the 40th year). OOTC recognizes your first two-way communication whether through CB, amateur, commercial or military operation. Provide proof if possible. If never ham licensed but had eligible 2-way communication, you may join as an Associate Member. Get ham license later and the "A" (Associate) will be dropped from your member number.

OOTC wishes to have extended information about each member, activities and background. The information becomes a permanent and important part of your record as a member of OOTC, making it possible for us to write of your life work and experiences. We would appreciate a photograph, B&W or color. Send a biography and/or any story suitable for publication in Spark Gap Times on separate sheet(s) of paper. Unless you advise otherwise, filing this application gives us permission to publish your membership in Spark Gap Times.

First name of spouse_____CALL?_____ # children_____

Military Branch_____service from_____

to_____, Rank_____I heard about OOTC from_____

Your Signature_____

Last 4 digits your Social Security #_____(Helps for SK identification)