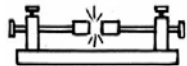
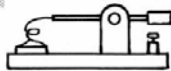


Spark-Gap Times



Published By

The Old Old Timers Club



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Renew? Send \$12 to OOTC 3191 Darvany Dr. Dallas TX 75220-1611

FIRST CLASS MAIL

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***Replaced SK Jerry Mulberg W2MJP**
****Replaced SK David Knight W4ZJY**

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EXECUTIVE COMMITTEE

Chairman, Troy Wideman W6HV,
Joe Schroeder W9JUV,
Joseph Wehner W8KNO,
Bert Wells W5JNK

Spark-Gap Times Editor-Publisher
Bert Wells W5JNK (ootc@att.net)

ACTIVITIES

Mark Titterington W1EOF
w1eof@hamnutz.com

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 1956-1957
President 1959-1963

Raymond E. Meyers #0188 exW6MLZ
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L. F. "Ted" Heithecker #1263 exW5EJ
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Secretary 1991-1993

THE SECRETARY REQUESTS NOMINATIONS OR VOLUNTEERS FOR SERVICE AS
DIRECTOR DISTRICT 1, 3, 5, 7, 9 FOR SERVICE TO OOTC IN THE 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

NOTE: VICE PRESIDENT JOE SCHROEDER, W9JUV, IS ALSO DIRECTOR OF DISTRICT 9.

CONSIDER VOLUNTEERING FOR THE 9TH DISTRICT DIRECTOR POSITION.

OOTC ON THE AIR MEETINGS EUROPEAN CHAPTER #5 CALL DL00TC

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 NET: Friday, 1700 UTC 14050 kHz. NCS W5JNK/W6HV

SUPPLIES AVAILABLE –includes postage.

OOTC BADGE - \$8.50 - \$9.50 or \$10.50, see page 12.

OOTC 4" Dia. Round Iron-on Jacket patch, \$5.00, see page 13.

3" Dia. Round decal, sticky back, \$1.00, see page 13.

Free gold 1" stamps glue back, sheets of 63, send S.A.S.E.

Replacement pins 40(no number), 50, 60, 70, \$3.50,
80 yr pin is free. Request if eligible, see page 12

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

OOTC has been using the calling frequency, 14050 kHz., Fridays at 1700 UTC. This was re-started in March with the improvement in 20-meter propagation. Success has been spotty to say the least. However, we anticipate improvement as the new cycle ramps up. Bert, W5JNK, and I call CQ and search for members on the air. We both occasionally have interfering appointments, but will try to continue meeting the “sked”.

I expect you recall past periodicals with articles on “dead band projects”. Well, the opportunity presented itself to me a couple months ago by way of a very gracious gift from Bob, K9ZZS, OOTC #4162. Seems Bob had been going through the old “junk box” and came across a 1946 Vibroplex Lightning he had forgotten about. It had been a gift to him years ago. He observed it was in need of tender loving care. Also, he was aware of my fondness for the old “bugs”. I dismantled the bug upon receipt and gave it a thorough cleaning in my ultrasonic cleaner. The base needed re-chroming. I visited a chrome shop in a nearby town and found the job too small for them. I had been warned by others that it might be difficult to find a good shop that would take the job. So, I decided to cheat and copy the japanned finish of the older Vibroplex bugs. The result turned out fine and the bug is so well behaved (I added a home brew bug tamer) that it is now my primary bug. Thanks again, Bob! I will include a photo showing the results.

OOTC again donated a \$1000 scholarship to The Foundation for Amateur Radio (FAR) to be awarded this year to a deserving ham radio student. Please consider donating to this fund. While a portion of the award will be from interest earnings, the ability to sustain the current amount will require member support.

73,

Troy, W6HV

See picture of Bug on page 13

The article by George Sterling, W1AE OOTC #0051) in the December 1961 issue of OOTC's Blabbermouth is interesting reading. (PAGES 1 – 10) For a PDF copy go to <http://www.ootc.us> and click on DECEMBER 1961 BLABBERMOUTH

CONTRIBUTED BY GORDON GROVES, K3GG, #4507.

Radio Operator in the infantry in Korea during 1952-1953

Thoughts on combat radio operations during the Korean War

During 1952 the Korean War was fought mostly along the 38th parallel in trenches, much like Verdun during the 1st world war. We would take a hill, and then they would take it back. Senseless, when you look back on it.

Bunkers were built by digging a deep hole, covering it with logs, then 6 to 9 feet of dirt. Along with other problems, many rats joined us in the bunkers, sharing the heat and food.

When one of the grunts would spot a rat running along one of the roof logs, he was liable to open up on it with a 45, or worse, a BAR. Not only would this spread the rat all over the bunker, which was hard to live with, the rats were covered with fleas and fleas carried hemorrhagic fever (similar to EBOLA).

I spent three weeks in one bunker, so I ran two bare wires along the top of one of the roof logs, and attached them to the 200volt plate voltage socket of a PRC 10 radio battery. I think I probably fried about 20 rats, and hopefully their fleas, during that time. None of us got sick, so I guess it worked.

When we operated out in front of our lines, we would carry two one-mile donuts of wire, and communicate by telephone, to keep the Chinese from zeroing in on our radios. The wire would be left on the ground when we returned, and after a while there were hundreds of miles of wire underfoot. This became a major problem in the wintertime, because the Chinese would pour water down the slopes in front of their positions, creating ice slides. Because of this we wore crampons (spikes strapped to the bottom of our boots) but the wire on the ground would slip between the crampons and our boots, leaving us tied to the ground. No fun.

The Chinese had excellent direction finders, and our high power jeep mounted ANGR 9 CW radios were fair game. We would erect their vertical antennas some 200 yards away from the transmitters, and some times the antennas would be blasted out of existence before we had finished our message. This was OK,

because nobody was crazy enough to go near the antenna, and we had plenty of antennas. The Chinese never seemed to catch on to this.

One more note regarding the high voltage socket on our back mounted radio batteries. The crystals on the larger jeep radios had two pins that exactly fit into that socket. I would strip the crystal out of its housing and attach the case to an electric razor. Electric razors run great on 200 volts dc. Of course this would cause a problem later on when the people in the rear would be calling us on the frequency of the crystal that I had cannibalized.

Gordon Groves, K3GG. gordon.groves@gmail.com

NEW MEMBER MILO BLAIR, K7AX, #4559.

Born 1932, Washington State. Spouse Catherine, 2 children. U.S Navy. First licensed WA7PMW-1970 as General Class. milok7ax@verizon.net

Milo is sponsored by and a gift membership from Jim Bradley N7JB #4519. "I have known Milo for almost 40 years, a great guy – great sense of humor". -Jim

FROM BILL WELSH, W6DDB, #2820.

Thanks for mentioning the death of my wife in the April 2010 Spark-Gap Times. Her call sign was W6JEP. She was an excellent code-only operator with more than 280 DX countries worked. 73, Bill Welsh #2820. w6ddb@earthlink.net

NEW MEMBER RICHARD CALIENDO, KC9GSM, #4560.

Born November 17, 1940 Elmhurst, IL. Spouse Maria, 3 children. 1958-1962 US Navy Aviation Radioman on Super Constellation (WV-2). KC9GSM extra class. Speed key qualified for aircraft use, still use the same vibroplex. kc9gsm@bellsouth.net

FROM RICHARD HARRISON, KB5WZI, 3241.

Here is my dull resume of no use as I'm happily retired, watching my grandchildren play baseball. Got my 1st class phone license in 1949. Worked then in broadcast stations while earning a GI bill University of Houston BSEE in 1954.

Worked in short-wave broadcasting 1954-1958 near Lisbon, Portugal for Radio Free Europe. It was a very busy and large plant. 1958 returned to US broadcasting. Hired in 1960 by Tennessee Gas in Houston and immediately sent to Ecuador, Bolivia, and Argentina where the company was a fully vertically integrated oil and gas producer needing radio help. After 26 years, I retired as Telecom Manager. Never intended to stay so long but had fun.

Best regards, Richard Harrison, KB5WZI. richardharrison@webtv.net

NEW MEMBER TERRY BOYLE, N1CTO, #4561.


Born Florida. KC8ZBB-1970. U.S. Navy E-3 from July 1969 to March 1973. 1970-RTTY communications in the western Pacific while in the Navy. Worked for and retired from the CDC. 38 combined years of federal service. Am active in EmComm. Called home via a MARS station in Japan whilst in Japan. n1cto@arri.net

NEW MEMBER THOMAS M THOMPSON, JR., W2TMT, #4562.

Born May 2 1938, Philadelphia, PA. Spouse Janet, 2 children. KN2PVH-1955, WA2FZJ. U.S. NAVY 1956-1962 RM2 "E5". I was RM in the Navy, served aboard USS Kirkpatrick DER318 and USS Showda DE246. w2tmt@arri.net

FROM WILMA J. HANSON, WIFE OF SK JAMES T. HANSON, W1TRC, #4088.

Jim was pleased to be on your roster! Jim died Feb. 8, 2010. He learned he had a genetic defect that was destroying his liver in August 2009. The only treatment would have been a liver transplant, and Mass. General Hospital will not do liver transplants on a person over 70. I cared for him at home with hospice care support the last 102 days of his life. I caught up on all his QSL cards with him the week before he died and sent them in to the bureau through his local club, Nashoba Valley Amateur Radio Club.



I am keeping the **Ultrasonic noise detector (QST April 2006)** and the **Tape Measure Beam (QST May, 2007)** that he designed and constructed to track down power line noise interference.

Jim lived Ham Radio to the core; I am so glad we went to the Dayton Convention in 2007; it was a great experience. 8 Ethelyn Cir. Maynard MA 01754

NEW MEMBER KIMBERLY L ELMORE, N5OP, #4563.

Born April 9, 1956, Tulsa, OK. Spouse Pam N0MGC, 2 children. WN5CLC-1970, WB5CLC. My father was OOTC member #4269, Robert E Elmore W5JHJ, SK 7/21/2007.

Novice Sept. 6, 1970 – General Class May 9 1971 – Advanced Class 1972/1973 – Amateur Extra N5OP May 21, 1976. Second class Radiotelegraph GROL and Radar endorsement September 2004. cw_de_n5op@sbcglobal.net

**LETTER FROM MARIAN STODDARD, WIFE OF ASHMAN C STODDARD,
SILENT KEY W8KLN, #3010.**

My husband passed away February 21, 2010. He enjoyed Spark-Gap Times. He was an avid Radio Amateur person. He lived to 91 years. Sincerely, Marian Stoddard, 2300 Portage St. Apt. 153, Kalamazoo, MI 49001-6504.

Ham Club Old time Radio Presentation

By Larry Anderson W6LAR, #4555 . (picture page 12)

For last months YVARC (Yucaipa Valley Amateur Radio Club) membership meeting I was asked to bring in and present a short program on old and antique radio. I'm not a large or avid collector of these fine examples of our radio past but in my travels I do pick up an item now and then.

I spent a few days sorting out what I might bring and decided on a combination of a few of the oldest radio sets I had and vacuum tubes and some sundry items that might cause some interest. On the day of the meeting I spent most of it loading and boxing up stuff.

I brought along an Atwater Kent model 20 "Big Box" TRF broadcast receiver and accompanying Model H horn speaker also an RCA Radiola III with headphones. I included a few table top radio sets from the 30's, 40's and 50's. I mixed in two early "mini" transistor radios that I had picked up in a junk shop somewhere in Oregon. All these I scattered over two tables set up at the club meeting and I placed the numerous vacuum tubes and keys and books I had in between the radios. I also powered up the old Atwater Kent Model 20 with a hidden solid state power supply. I had a little one tube AM broadcaster I built and fed in the audio of a CD player playing a CD of old time music. The resultant audio

emitting from the Model H horn speaker as the Model 20 tuned to my broadcast, set the tone of the display.

I was expecting the regular number of members to show at the club meeting which is really not that many folks. But after our regular starting time I was sorely disappointed only to find about 10 people in the seats. I asked myself, "Did I waste my time here or what?" I thought I'd be done in about 10 minutes. The meeting was started at about 7:30 PM.

Well, I started out telling everyone, all 10 of them, about my interest in collecting these things and then went into explaining some of the pieces I had brought along. What surprised me the most is that the audience kind of took over the presentation. Apparently I had touched a very active memory nerve in most of my audience. As I moved from one item to another, members joined in and recounted their memories of the things and times these items brought back to them. It was a domino effect. I was so engrossed in what was going on I just lost track of time.

When I had finished going through the things on the table and the discussion had died down I was rewarded by many in the group that told me how they had enjoyed the trip in time back to the days my items brought them to. It was now 9:15 PM. Not bad for a group of 10 and a subject that still holds us in its grip.
radiotowers@verizon.net

NEW MEMBER BRUCE J. WILLIAMS, N7CXJ, #4564.

Born August 28, 1939, Chatham, NY. WV2MHC-1957, WB2BMD, WBOGYA, WA2LWW. Member of: ARRL, QCWA, AM International, FISTS, EARRS. Enjoy my laptop-WIFI computer. Have new website n7cxj.web.officelive.com. n7cxj@hotmail.com

**SILENT KEY (MARCH 21, 2010) OLAVO SCHERRER,
PY5GA, #3705.**

"Olav" joined OOTC February 1998. Here is a letter from PY5BLG, Euvaldo Lyra, #3188, who sponsored him 12 years ago.

TO: Troy Wideman Jr., W6HV, OOTC President.

I regret to let you know the passing away of OLAVO SHERRER, PY5GA. He died of an unexpected heart attack on March 21, 2010, at the age of 88, leaving among us in the Brazilian ham community a gap that can't be filled in, at least in a foreseeable future. Besides being an outstanding radio amateur, he was also kind of a counselor and friend for generations of hams. During his long tenure as an amateur radio he got to the top of the hobby as an honor roll. By profession he was a chemical engineer, already retired. Olavo was definitely licensed as a ham in 1952, when glowing tubes and AM mode were still prevailing on the amateur bands.

The following is a reliable remark made by PY5EG, Atilano Oms, one of Olavo's best friends:

"Olavo, PY5GA, was one of the most important inspiration of ham radio activity in Brazil. He had the first license during the WWII, around 1942, and spent all his life linked with DX and eventually with some major contests. He was one of the founders of Araucaria DX Group and in recognition for his outstanding job in ham radio activity, he got the first HALL OF FAME from Araucaria DX Group (a very selected group of 7 radio hams). He was also one of the founders of ESCOLA PARANAENSE DE RADIO AMADORES (Ham Radio School in Parana State – Brazil). He organized and also participated in some DX-expeditions to Fernando Noronha and Trindade islands. Internally in ADXG he was known, in the old times, as our BRAZILIAN CLUSTER. He dedicated a lot of his time searching for new countries, spreading out the information within the DX Brazilian community. He was for decades on top honor roll list, both phone and mix. PY5GA was the first DX checker in South America appointed by ARRL in 2001."

At last, he made QSY to the future life, existing after death, on a frequency unknown to us down here. He will be long remembered by his family and his many friends. We shall miss him greatly.

py5blg@gmail.com (Picture page 13)

Are there any members that remember the task of lowering ship board antennas to clean and grease the insulators so the spark signal could go 100 miles, and also pass inspection? If so, write !

HELP ! Send me some stuffing for Spark-Gap Times ! Email to ootc@att.net or snail mail to OOTC 3191 Darvany Dr. Dallas, TX 75220-1611. Thanks & 73 - Bert W5JNK

NEW MEMBER LESLIE E. HORSTMANN, N0DMH, #4565.

(picture page 12)

Born May 27, 1921, Southerland, IA. Spouse Mabel passed away Aug 6, 2004 after 62 years together. First daughter, Sandra, born Feb 8 1943, died of Leukemia Dec 28, 1980. Second daughter, Anita, born 1955. First licensed W9DBM March 29, 1941.

I was a farm boy and there is always work to do on a farm. When it rains, pull weeds. In 1938, attended radio school in Minneapolis, MN, then to Kansas City, MO. In July 1941 I had radiotelephone first class license. I bought a Hallicrafters "Sky Buddy" receiver for \$29 from Henry Radio, Butler, MO. to practice copying code. I was offered a job with Pan Am in Guam. Two classmates took the job but I chose interview by the Chief Radio Operator of Braniff Airways (A. G. Charles – W5ANE). He liked my code capability and hired me. Later when Guam fell to the Japanese, my classmates died.

I met five foot two, eyes of blue, Mabel Elliott. One time we walked to the "Liberty Memorial" in Kansas City and Mabel took a picture of me in front of it. I sent the picture to my dad and he said, "that shadow in the picture appears to be a woman". So I told him. Later, when we decided to get married, I waited for her to arrive on train in Austin TX where I was assigned by then. She did not get off the train! Did she back out? I thought. When about to give up, the conductor asked me if I was waiting for a girl. "There's a girl that broke her shoe heel and sprained her ankle and can't walk." It was Mabel! I carried her off the train. A minister married us. I only had \$5 in my pocket. Later when we planned a trip out of the country, didn't have proof we were married – I didn't get a marriage license when we were married! However, we obtained a certificate to remedy that. -73 Les
les.mabel@sbcglobal.net

NEW MEMBER ZACHARY COHEN, N6PK, #4566.

Born January 11, 1942, Brooklyn, NY. Spouse Cindy, 3 children. Military communications, U.S. Navy 1960-1972. WV2UWW-1961. Then WA2UWW, WA6OHN. I joined the Navy in 1960 and finished Electronics Technician school. I tested transmitters and receivers over the air in 1960 and caught the "bug". I passed novice test and was granted WV2UWW. I passed general in less than a year and became WA2UWW. I passed traffic through my Navy years and operated KG4AN in Gitmo in 1964. I passed advanced class exam.

-continued on page 14-



Pg. 4, President Troy Wideman



From Pat Patterson, W6RYX #3867



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



ORDER BADGE PG. 22



PAGE 7-8 W6LAR, LARRY, #4555



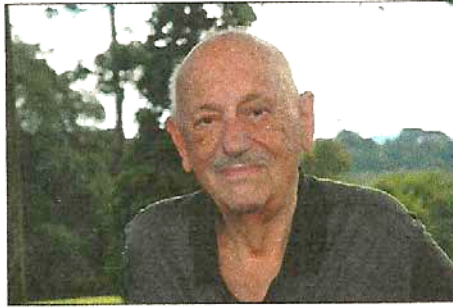
Were you licensed at least 25 yrs ago? Licensed now? Then you should belong to The Quarter Century Wireless Association QCWA INC. PO Box 3247 FRAMINGHAM, MA. 01705



Les Horstmann, N0DMH 1989 #4565 see page 11

Nota de falecimento

É com pesar que noticiamos o falecimento de
PY5GA - OLAVO SCHERRER
O radiomodernismo nacional perde um ícone e nós, um grande amigo.



PY5DLG - Lyra ao lado de PY5GA - Olavo Scherrer, em um dos nossos encontros semanais na Landlionete Kharina

PY5BLG, Lyra and PY5GA Olavo,
exchanging concepts on poor
propagation and on the
upcoming solar cycle 24
in the coffee shop
KHARINA
downtown Curitiba
(page 9 – 10)

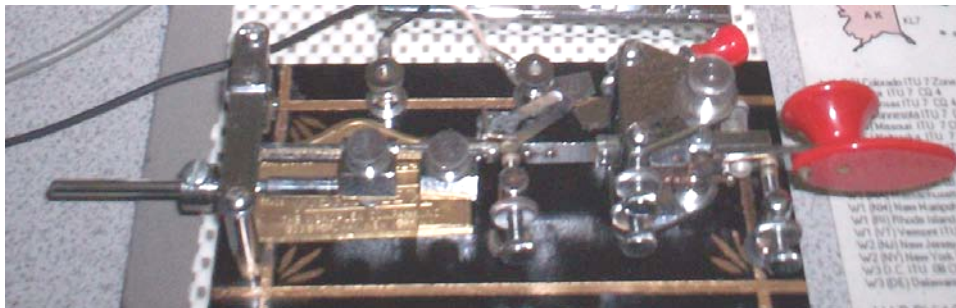


4" Dia. iron-on patch (page 3)



3" Dia. Decal, sticky back (page 3)

A DVD containing copies of all
member applications, the "Blue
Book", all issues of Spark-Gap
Times, available to members only.
Send \$10 to 3191 Darvany Dr.
Dallas TX 75220-1611



Troy's lightning bug. See President's message, page 4.

N6PK – continued from page 11

After the Navy I moved to California and changed call to WA6OHN in the 70s. I joined the OT club 1966 and the QCWA 1987. I decided to get my extra in 2009 and changed my call to N6PK. I am active in RACES in Ventura County.
zcohen@ieee.org

NEW MEMBER FRANCIS W. TENDER, WD8E, #4567.

Born May 28, 1948, Washington, PA. Spouse Billie – N8LEL.

I was always interested in radio and remember as a youngster listening to distant commercial stations late at night. I could not understand why the stations were gone the next morning but knew I would be able to hear them again in the evening. One Christmas my parents bought me a state of the art transistor radio, I was on top of the world. Now I could take my radio anywhere I went. Time passed and a few years later I remember my father complaining about our neighbor's new CB hobby causing TVI. I was amazed that he could talk anytime to anyone anywhere. I was impressed. Shortly after that we moved due to other reasons, I entered high school and radio became secondary.

Before I knew it I was approaching graduation and need to make a decision as to my future. After weighing the options I chose to attend Electronics Institutes in Pittsburgh, PA. Wow, what an experience. I learned why those stations in Fort Wayne, Chicago, and Los Angeles disappeared in the morning and returned again at night.

As luck would have it one of my instructors was a HAM and offered to stay after the regular school hours and teach a HAM class for anyone who was interested. That was for me and before I knew it my brand new license showed up in the mail. In 1967 I became WN3IDW. Later that year I upgraded to technician and the "N" was dropped. I was now WA3IDW. I purchased a Lafayette 6 meter rig and was on my way to a lifelong hobby.

I graduated Electronics Institutes in 1968, moved to 8-land for employment where the Air Force immediately sent me to school to become a technician on the Minuteman 1 ICBM guidance package. That was beginning of a career lasting 34 years.

Shortly after moving to 8-land I became WB8HII and for the most part became inactive until I met Dave K8WIX (now K5MGB). Not only did Dave rekindle my interest in amateur radio, he became a close friend. With Dave's encouragement I managed to upgrade all the way to extra and a few years later I changed my call to WD8E.

I retired March 2002 after thirty-four years on the job. I can now enjoy the hobby at my leisure and hope to meet you down the log. -73 – Fritz, WD8E.
wd8e@gmail.com

OOTC VICE PRESIDENT, DIRECTOR 9TH DISTRICT, JOE SCHROEDER JR.,

W9JUV, #2967

Licensed as W9JUV since 1946. Other calls K9OSO, WA1SXB, G5CTY. DXCC Honor Roll since early 70s; 6 M DXCC, WAC and WAS. Active on all bands, 1.8 through 432 MHz. Founding Editor, HR Report, editorial staff Ham Radio Magazine. Life Member ARRL, AMSAT, QCWA. I have held various positions with ARRL, AMSAT, OOTC. Member of CCC (PJ2T) contesting group, NIDXA, RCA. XYL Janet is N9LGI.

Professionally - founder of Consultek, consulting in electronics; former Motorola engineer, manufacturers rep, and Managing Editor Electronic Instrument Digest magazine. Writer and Editor in both electronics and firearms fields; authored or edited many books and articles on firearms history and gun collecting. Owner, Handgun Press Publishing Co. Also active pilot, flying with Civil Air Patrol.

No. 6 The Rules Say...

John B. Johnston, W3BE, #3946.

What is “PEP?”

A. PEP, peak envelope power, is an expression of RF power, in watts, that applies well to practically all emission types and for which reasonably accurate measuring instrumentation is widely available to amateur stations. Section 97.3(b)(6) defines it 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.

Q. Once you share a common exciter, or even a common oscillator, or somehow phase-lock two oscillators together, you have one transmitter. What, then, is a transmitter in the context of Section 97.313(b) where it says that no station may transmit with a transmitter power exceeding 1.5 kW PEP?

A. There is no definition for the term “transmitter” in Part 97, which is where such would be expected to be located if it was being used uniquely therein. Neither is there a definition for it in Part 2, where it would be expected if it was being used uniquely throughout the FCC rules.

W3BE-O-GRAM: How about: In an amateur station, a transmitter is the apparatus that produces an RF signal for conveyance to the antenna system? See BE Informed No. 30 GEPs and GAPS.

Q. When there is a transmitter driving a linear, which is considered the transmitter?

A. When it is the apparatus driving an RF amplifier, it is the “exciter” and your linear amplifier is the “transmitter” because it produces the RF signal for conveyance to the antenna system. When, however, it is the apparatus producing the RF signal for conveyance to the antenna system, it is the transmitter.

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.

Q. If the output of one transmitter is split between two linear amplifiers feeding separate antennas, is that one transmitter or two?

A. For an isolated reading of Section 97.313(b) through (h), it would appear to be two separate transmitters. The transmitter power standards, therefore, would apply to each linear. That is likely to fail the good engineering practice test, however, unless the two signals are phase locked exactly and the two amplifiers are precisely equal in performance. Even then, there could be power fluctuations and distortion as the phases of the two transmitters drifted around. Under the above-proposed definition for “transmitter,” however, the two antennas would comprise the antenna system and the two amplifiers would be considered as one transmitter and the transmitter power standards would apply to the pair combined.

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. The several paragraphs in Section 97.313 say that no station may transmit with a transmitter power exceeding a specified PEP under various conditions. While they are usually read as to be based upon one transmitter on one channel at one station at one location with one antenna, they don't really say that specifically.

W3BE-O-GRAM: Entrusting to our amateur service community the determination of the power limit for those situations is appropriate because even 1.5 kW, is far beyond our norm. It is probably closer to 100-200 W at MF/HF stations, 25-50 W at VHF stations, and 10-20 W at UHF stations. Although they can raise the receiving noise level significantly, the relatively few high power stations seem to be tolerated widely by our amateur service community, for those short-lived contest periods at least.

At the other end of these power issues are our QRP enthusiasts. They prove repeatedly how skill, patience, perseverance and know-how can achieve amazing communications with but a few transmitter watts.

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

BIRTHDAYS JULY, AUGUST, SEPTEMBER (343)

Notice: There may be unreported SKs and some calls may have been reissued.

Jul-01 WICKER W4WD	Jul-09 PUSKA SR KA2UJP	Jul-13 KING W0CKK
Jul-01 WOOD W0UHL	Jul-09 KAFKA W2YAV	Jul-14 KRAMER W3ZIF
Jul-01 HUNT W5DKK	Jul-09 ECKELS W8ZNH	Jul-14 CHENETTE N5YJ
Jul-01 ZELENKA W5AJX	Jul-10 MITCHELL K6ZE	Jul-15 PORTER W4KGJ
Jul-01 THOMASON JR W1FKD	Jul-10 PITMAN JR K1FP	Jul-15 BATTEY W3FZV
Jul-01 PILOTTE W7IG	Jul-10 GREENFIELD W9TNZ	Jul-15 FERGUSON W4FWG
Jul-01 CAUGHIE SR W7EST	Jul-10 FAULKNER W6RF	Jul-15 LEINO OH2BC
Jul-02 WELLS KA1GSX	Jul-10 HAYNE III W5AHS	Jul-16 CHASE W7JGU
Jul-03 HARRISON KB5KST	Jul-10 RIDEOUT WA6IPD	Jul-16 NOSEK W2LBM
Jul-04 CARTLEDGE N8PRB	Jul-11 STOVER W5AE	Jul-16 DYER AE5B
Jul-04 POTEETE W4SQE	Jul-11 VAN LEAR VE7IR	Jul-16 BAY W4UQ
Jul-04 SYLVAN W9CBT	Jul-11 MOORE III KK5NU	Jul-16 SCHLECHTE KG9QC
Jul-04 HENNE N2JNK	Jul-11 WILSON N4CC	Jul-16 BOELLHOFF W3MGL
Jul-05 SICURO SR W5UP	Jul-12 JOHNSON W6AAQ	Jul-16 PARKER WA0LST
Jul-05 WOODS K1DX	Jul-12 CANARIS WY6O	Jul-17 BURNHAM W3GNG
Jul-06 HERNANDEZ JR AA5FX	Jul-12 COOPER N6NP	Jul-18 HELLWIG WA7PVC
Jul-06 SWISHER W0HPD	Jul-12 WYSOCKI SP2DX	Jul-18 WHEELER K0DEW
Jul-06 DO O PR7CPK	Jul-12 BACKYS K9UQN	Jul-18 KAEFF W4EFB
Jul-06 KINCAID W7FKF	Jul-12 BLACKARD KA5CVA	Jul-19 SCHERMERHORN W1TTY
Jul-06 OSS AA0PP	Jul-12 COLLINSON K2DC	Jul-19 O'BRIEN NJ2J
Jul-07 LIPPOK DK9LG	Jul-13 VILA KP4MO	Jul-19 ENGEN W4EBA
Jul-07 GERBRACHT W3QPP	Jul-13 FIELD WA1FYF	Jul-19 HITTERDAL W6ILL
Jul-07 LA PLACA W2WW	Jul-13 JALLEN W0BZJ	Jul-19 SAWYER K1CSW
Jul-08 O'NEIL N6NWR	Jul-13 WALBRIDGE K1IGD	Jul-20 ENGLEMAN K5HGL
Jul-08 BASILESCO W1NXW	Jul-13 HELMS JR K5SAC	Jul-20 LETTEER JR W4KE
Jul-09 LUSTER W6QHD	Jul-13 SIMKUS K9POV	Jul-20 ROBISON W6SVU

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Jul-21 LEE WB6BWZ
Jul-21 BRILL K2ATB
Jul-21 SCHLETTIG DL3VZL
Jul-22 TODD K4DWW
Jul-22 JAWORSKI WA1MJJE
Jul-23 CHILD W3IUW
Jul-23 THOMPSON K3MD
Jul-24 BRADLEY K6USI
Jul-25 SANSONE W7KLLH
Jul-25 RING JR W3NU
Jul-25 HOLDEN AA6YT
Jul-26 SCHLENK K0RIO
Jul-26 GREGORY WA6FEJ
Jul-26 STOLTZ KJ6WM
Jul-26 ELLIS W5YCK
Jul-26 BREWER SR K5MET
Jul-26 DOWDS W6HB
Jul-26 PERKINS KC4D
Jul-26 FLESH W6IBF
Jul-27 WARD W0RTV
Jul-27 HARRISON KB5WZI
Jul-27 CELENTANO K6LLD
Jul-27 TYSON W0RQ
Jul-27 SCRITCFIELD WD8ITD
Jul-28 WENZEL W2ABG
Jul-28 LEFCOURT W6IRT
Jul-28 BIGGERSTAFF K5BDJ
Jul-29 CRANFORD K5ALU
Jul-29 LANGLEY W4YDY
Jul-30 CHADWICK W5UYA
Jul-30 DAVY G3XVF
Jul-30 REID W6KL
Jul-31 SCHWARTZ W3ENL
Jul-31 KING K1DWZ
Aug-01 KERR W6JOA
Aug-01 SEALOCK K6CMS
Aug-01 JOHNSON N5VD
Aug-02 SNOW W6UUC
Aug-02 COSTA W2SIF
Aug-02 USTASZESKI WA2DUV
Aug-03 MEHNERT N3NN
Aug-03 BLAIR K5AY
Aug-03 MAIER W8AUV
Aug-03 ISAACS WA1SMI
Aug-03 KING W3GH
Aug-03 ALLEN W3OR
Aug-03 O'FARRELL WB0IXV
Aug-04 SMITH W5USM
Aug-04 ABELL KC5TK
Aug-04 HAINES NX7G
Aug-04 ROTEN KC8D
Aug-04 HOFFMAN K3FOB
Aug-04 SHUMAN K8SPE
Aug-04 ENGS W6TCY
Aug-05 BROWN JR W5WE
Aug-05 MARKOWITZ K2GG
Aug-05 GRAY W3BV
Aug-06 WARD KOLW

Aug-07 GRAY W6UZ
Aug-07 FRIEDMAN W6ORD
Aug-07 POMERANZ KB6FB
Aug-07 SYLFEST W9EK
Aug-08 GONTARZ W3QBZ
Aug-08 PETH AA8RU
Aug-08 WITTLA W8KP
Aug-08 KNIEF W4DK
Aug-08 LENNAN W2PL
Aug-08 OLDFIELD W9KXI
Aug-09 DESILLIER JR K1IAG
Aug-09 FISHER K2ABX
Aug-10 HEVENER W8KBF
Aug-10 DEMING K6GTY
Aug-10 BRODIE K5ZYZ
Aug-11 DENGLER DL3WX
Aug-11 KRUGER DL1CC
Aug-11 MANNA WA1ENO
Aug-11 JOHNSON KS6A
Aug-12 CASE K5KC
Aug-12 BLOODWORTH KO4TV
Aug-12 JOHNSTON W3BE
Aug-13 WARREN W0KWS
Aug-13 NEILL WA3KKO
Aug-13 DILKS III K2TQN
Aug-13 JOHNSON K9GAW
Aug-13 HAYMAN WN3R
Aug-14 WEBB W9IPO
Aug-14 KNIRKO W9MOL
Aug-14 LETCHER W7OTA
Aug-14 DUKE N5DRV
Aug-14 TABOR N6UA
Aug-15 RAY JR W5ZMI
Aug-15 BINTLIFF W1RY
Aug-15 BENSON W9CZA
Aug-15 BALL K9ADO
Aug-16 OLIVIER W5NJJ
Aug-16 ROCKNE W7ITG
Aug-16 PRICE W4RA
Aug-16 HARRINGTON K2DYB
Aug-16 RIBEIRO K7AMR
Aug-16 GEISSLER DL1UF
Aug-17 MEDLEY K16QE
Aug-17 KANODE N4MM
Aug-17 MAIDEN KB4KGL
Aug-17 OUTLAND KI4PUK
Aug-17 WAYNE WB8N
Aug-17 ROHDE K3XA
Aug-18 MAKEEVER W5HS
Aug-18 BRODY W2ZBK
Aug-18 PHILLIPS W0FP
Aug-18 DIETRICH W1TNP
Aug-18 SMITH W5MO
Aug-19 SIMMONS W4UKJ
Aug-19 STOCKWELL W6KC
Aug-20 STEVENSON WB9UAD
Aug-20 WILLIAMS K6PPJ
Aug-20 HUMMEL W8QR
Aug-21 FRIEDMANN W3QYL

Aug-21 JANKAUSKAS K3JA
Aug-21 CZYZEWSKI WA2SEI
Aug-22 WALTERS W8SEL
Aug-22 CHICK W1TT
Aug-22 LAUBHAN K6EON
Aug-22 FLENNER W3YCH
Aug-22 SCHMELZER KF5ZE
Aug-22 ALEXANDER II W5OF
Aug-22 JACKSON JR N4JJ
Aug-23 RUSSELL K6SSD
Aug-23 ROSSANO N4JR
Aug-23 NIELSEN K5RN
Aug-24 HARRIS W1WP
Aug-24 MULLOY K7ABX
Aug-25 MATTHEWS W4OWJ
Aug-25 POPKIN W2CC
Aug-26 LIPSCOMB W0HUI
Aug-26 MUNZIG JR W6BV
Aug-26 BARRETT W6CBA
Aug-26 RZODKIEWICZ W3RMB
Aug-26 CRELEY KJ7UK
Aug-26 KASS WA2LKJ
Aug-27 STEEL WB4ZGR
Aug-27 DANE W6WOW
Aug-27 ROSSON W5TEH
Aug-27 THOMPSON W0NYG
Aug-27 ROBERTS K9VKY
Aug-28 WESSEL JR W0CM
Aug-28 MAIA W5YI
Aug-28 HODGES W9IL
Aug-28 WILLIAMS N7CXJ
Aug-29 CHASE W4TG
Aug-29 WARREN W2ZQJ
Aug-30 GAYNOR W6IST
Aug-30 SHERARD WA5FLV
Aug-30 TAUCHE DL1AY
Aug-31 LINN W9NZF
Aug-31 HORMANN DL7IL
Aug-31 IRISH JR K5ZOL
Aug-31 BRECKINRIDGE WA9BXB
Aug-31 WAHLIN W0RM
Sep-01 ENGLERT DL1SX
Sep-01 FLEMING W3GQJ
Sep-01 SINGLETON WB2JEY
Sep-01 BENNETT N5CFN
Sep-01 MARTIN VE3SJE
Sep-02 RISACHER W5BR
Sep-02 HARRIS W7UIZ
Sep-02 RAPHAEL W7MD
Sep-02 HANSCHMANN DL8TG
Sep-03 GREEN II W2NSD
Sep-03 LAURI W2IX
Sep-03 BECK JR K3ARR
Sep-04 HACKER W5RNF
Sep-06 MC DOW W4KOG
Sep-06 SHELL W4AXH
Sep-06 ZHU BA1RA
Sep-06 MOYERS K5KXD
Sep-07 DOBLE VK3AMD

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Sep-07 MAYER K4HEB
Sep-07 MOYER K6MV
Sep-07 DEUTSCHER KQ4UW
Sep-07 SANDEN K4EH
Sep-07 CONNOLLY AG4HC
Sep-08 TROTMAN W3BRX
Sep-08 SMITH W5TZD
Sep-08 GREGG W9POC
Sep-08 RAUCHUT N3CRP
Sep-08 BABB N4PF
Sep-08 MC CUSKEY W7BV
Sep-08 TOEPHER N6MFH
Sep-09 HYNES N4RRS
Sep-09 SHEPHERD W5RYV
Sep-09 VEST NW5E
Sep-09 MILLER W0KVM
Sep-10 THOMSON VE2IR
Sep-10 WAGNER AC4TR
Sep-10 SEYMOUR W5OVM
Sep-10 WEST JR K4CTB
Sep-10 SINGH AE7CG
Sep-10 ELY W0GN
Sep-10 JONES K6DJ
Sep-11 GREGORIO K1RAW
Sep-11 REID K5FX
Sep-11 NEAL W5NRI
Sep-11 VRIONI N3JV
Sep-11 ALLARD W1RAA
Sep-12 MYERS W7ILW
Sep-12 BEAM K4PPS

Sep-12 HANNIGAN WD0M
Sep-12 KNOLL JR WA0GOZ
Sep-13 DUGUN JR W2CML
Sep-14 LESLIE ZL2UH
Sep-14 WEATHERLY WA4QJE
Sep-14 ROTHEISER K6AIZ
Sep-14 DUDLEY K4ORD
Sep-14 SHATTUCK K4NK
Sep-15 HAYES VE2HEG
Sep-15 KÜHL DL3QV
Sep-15 KORNACKI W1YOC
Sep-15 BEISSNER DJ3JV
Sep-15 STETSON SR K4DHO
Sep-16 VALERIO TE3DSC
Sep-16 OSTI K6KJK
Sep-16 PETTIBONE K5OI
Sep-16 INTO JR K8NI
Sep-16 WOODARD WD8DCA
Sep-16 HARRISON K0BC
Sep-17 DAVIS W1GKJ
Sep-17 SEYMOUR W0LK
Sep-17 HOYER DJ1GE
Sep-17 BUTTOLPH III N1JB
Sep-17 HARRISON KC9E
Sep-18 SAVAGE W5JNS
Sep-18 DIVEN W7IR
Sep-18 CROSSMAN WE0D
Sep-19 PULLY W5JIZ
Sep-19 SEHULSTER W4LSC
Sep-20 FLANAGAN K7VC
Sep-20 PURCELL W3VQY

Sep-21 POWELL NF5Z
Sep-21 LINDGREN SM7AST
Sep-21 PIEPER W9CSV
Sep-21 HOFFMANN KJ7HI
Sep-22 HOLZBERG W2HH
Sep-23 ERICKSON W5POG
Sep-23 SPOKAS W4QDP
Sep-23 HEDLUND WA6VCN
Sep-24 DICKERSON K6BPB
Sep-25 CRAVENS W6JDL
Sep-25 ROACH W3QT
Sep-25 WORLEY JR W3HVW
Sep-25 CONKLIN KH7JJ
Sep-26 BOGERT AI2X
Sep-26 WELLS W5JNK
Sep-26 KELLEN K6CJ
Sep-26 LENNY W7IBC
Sep-26 EISENHAEUER K9AWR
Sep-27 DORIAN W3JPT
Sep-27 BLICK W8EB
Sep-28 MAYER III W5ZPA
Sep-28 SMITH N6HRT
Sep-28 WILSON AL7KK
Sep-28 PETLOCK K3AT
Sep-29 ROBERTS WB8SNH
Sep-29 ZONER W1IBS
Sep-30 ZUKERMAN AC6H
Sep-30 VILKS UQ2KAA

IT'S LATER THAN YOU THINK

Everything is further than it used to be. They are making staircases steeper than in the old days. And the small print they are using lately, I don't need glasses but it's the only way I can find out what's going on unless someone reads to me, and that isn't much help because everyone seems to speak in such low tones I can scarcely hear.

Even the weather is changing, it's colder in the winter and the snow is much heavier than it used to be. The rain is wetter. Windows they use today make drafts more severe.

People are changing, too. For one thing, they are younger than they used to be when I was their age. On the other hand, people of my own age are much older than I am. I realize that my generation is approaching middle age (roughly between 20 and 101) but there is no reason for my friends tottering blissfully into senility.

I ran into Bob the other night and he had changed so much that he didn't recognize me. I got to thinking about poor old Bob this morning while I was shaving. I looked at my reflection in the mirror---they don't use the same kind of glass in mirrors anymore.

(March 1961 OOTC's "Blabbermouth")

MEMBERS REPORTED "SILENT KEY". CALLS MAY HAVE BEEN REISSUED.

<i>NAME DOB</i>	<i>MEMBER # 1ST WIRELESS</i>	<i>LAST CALL</i>	<i>REPORT FROM</i>	<i>SILENT KEY DATE</i>
NORMAN R. RUSSELL B:8/29/1940	WN8GBH-1955	4325	W8GBH	12/28/2009
			Mrs Joan L. Russell, Wife W8GBH@comcast.net)	
LOUIE W. LINTHECOME B:7/14/1927	K9EAT-1955	2677	K9EAT	DATE MISSING NOT IN SSI SK LIST YET
JOSEPH C. "BROWNIE" HODGES B:8/17/1921	Military-1943, W6ZVD-1947	3886	W6ZVD	3/15/2010
			Dorothy Hodges	
RENATO V. SALCEDO B:10/26/1928	CE3DO-1941, CE3LE, KA6SIS, K6GGX	2576	KG6NH	12/13/2009
			Mrs. Salcedo	
LILBURN H BURGIN B:8/20/1928	Military-1948 KN5APA-1955	4371	W5APA	9/30/2009
			SSA SSDI SK LISTING	
ARTHUR J FOSTER JR B:3/24/1946	K7ZFG-1963	4199	NN7K	1/13/2010
			Washoe County Administrator, Reno, NV	
JAMES T. HANSON B:8/19/1936	W1TRC-1951	4088	W1TRC	2/8/2010
			Wilma J. Hanson, XYL	
DONALD L DEVENDORF B:10/13/1914	W8EGI-1931	2518	W8EGI	DATE MISSING NOT IN SSI SK LIST YET
			QST MAY 2010 SK PAGE	
CHARLES A RAFFERTY B:11/18/1924	Military-1943 WN7ZOO-1974	2856	WA7ZOO	4/16/2010
			Son Mike Rafferty K7PTL	
ASHMAN C. STODDARD B:11/19/1918	WN8KLN-1952	3010	W8KLN	2/21/2010
			Mrs. Marian Stoddard	
OLAVO SCHERRER B:5/12/1921	PY5GA-1952	3705	PY5GA	3/21/2010
			EUVALDO LYRA, PY5BLG, #3188	

NEW MEMBERS OF OOTC.

<i>NAME</i>	<i>CALL</i>	<i>#</i>	<i>REFERRAL - SPONSOR - ELMER</i>
MILO BLAIR	K7AX	4559	Gift membership from Jim Bradley, N7JB, #4519
RICHARD CALIENDO	KC9GSM	4560	SECRETARY
TERRY BOYLE	N1CTO	4561	SECRETARY
THOMAS M. THOMPSON, JR.	W2TMT	4562	SECRETARY
KIMBERLY L. ELMORE	N5OP	4563	SECRETARY
BRUCE J WILLIAM	N7CXJ	4564	TROY WIDEMAN, W6HV
LESLIE E. HORSTMANN	N0DMH	4565	SECRETARY
ZACHARY COHEN	N6PK	4566	SECRETARY
FRANCIS W. TENDER	WD8E	4567	SECRETARY

How about sponsoring an eligible friend with a gift membership in OOTC.

PAGE 21 VOL. 47 NUMBER 3 ALL OOTC OFFICERS JULY 2010

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 ELSER 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
 2004-2005 DUNCAN KREAMER W1GAY
 2006- 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 ELSER W6FB/KH6CZ
 1969 EDWARD RASER W2ZI
 Assistant BERT GAMBLE W5ZC
 1970-1971 WILLIAM GOULD III K2NP
 1972-1976 FRED ELSER 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- JOE SCHROEDER W9JUV

TREASURER

1947-1952 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

TREASURER(continued)

1993-2008 LEE KNIRKO W9MOL
 2008- 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- 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.

This report compiled from the best records found.

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

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

(see sample on page 12)

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.

3191 Darvany Dr.
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) _____
(The pin sent may be either safety pin back or clutch pin back)

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: http://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(dues) 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. If you are **95** or over membership free, just apply. Funds must be acceptable at a U.S. Bank.

To renew send \$12 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 to OOTC 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 American Express money order or check drawn on a U.S. Bank if a branch of a U. S. bank accessible, or U.S. currency. NO foreign bank checks accepted.

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 by 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. Send HQ your call letters.

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_____

I am sponsored by _____ or Secretary will sponsor.

Your Signature_____

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