

Author and Speaker Biographies

Tommy Henderson, WD5AGO

Tommy Henderson, WD5AGO was licensed at his high school ARC in Sand Springs, OK where Ray, W5HFV was a club mentor and friend. Activity in the weak signal VHF and above modes happened a few years later with EME being the most interesting. He completed 2m WAS and WAC before his 25th birthday. Tommy is currently active on 13 and 6cm EME and microwave roving. Professionally, Tommy is an associate professor of Electronics at Tulsa Community College for the past 11 years. He developed their Nano Technology and Alternative Energy programs along with the schools ARC. He received his Masters of Engineering Technology from Pittsburg State University and was awarded the CSVHFS Mel Wilson award in 2007.

John Jaminet, W3HMS

John was raised in Kansas and received his General Class license in January 1952. He received a BS in Finance from the University of Kansas, did MBA graduate study at Roosevelt University, Chicago, and graduated from the US Navy Officer Candidate School and the US Navy Supply Corps School.

He served on active duty in the US Navy for 11 years leaving as a LCDR in 1969. He worked for the US Navy as a civilian supervisor in logistics and data processing retiring in 1990. He continued in the Naval reserve retiring as a Captain in 1987 with more than 29 years service.

John is an active microwaver and rover working all bands 1.8 Mhz through and including 47 Ghz. He received 10 GHz VUCC # 127 and has 14 grids. His best DX is 717 km. He received 1296 MHz VUCC #161 in April 2010 for 25 grids.

He was active on RTTY in the 1970s and AO-40 until its demise in 2004. He made his first ATV QSO in 1977 in AM and continues today using microwave FM ATV on 23 cm es 9 cm. He made his first EME QSO on 24 Aug 2008 on 23 cm and now has made 229 contacts, 75 initials and 23 DX using a 3 m dish and 500 w. DB6NT SSPA.

He has both worked and visited the South Pole ARS in the 1960s. He has served as the President of several radio clubs. He has written a variety of articles for several US and overseas radio publications and HYPER the French language microwave radio magazine. He has translated many articles into English. He has been an active Toastmaster over a 50 year period. John lives in Mechanicsburg, PA in FN10mf and is active on bands 1.8 MHz through 1296 Mhz less 903 Mhz at his QTH.

Sam Jewell, G4DDK

Sam has held the callsign G4DDK since 1974. Prior to that he held the VHF callsign G8EMY. He is a retired telecoms manager, with 34 years in British Telecom, the last 17 of which were at the Martlesham Research Labs, near Ipswich in the UK. He has had many papers and articles published in the optical fibre, cable TV, and wireless professional press.

Since retiring from BT he has worked for several smaller companies including Cambridge Silicon Radio, the Bluetooth transceiver chip people.

Sam is currently active on all bands from 50 MHz to 24 GHz including 23 and 13cm on EME. Current plans are for 10GHz EME.

He writes the *GHZ Bands* column in the RSGB magazine 'Radcom' and is the UK Dubus contributor for the Microwaves Europe section. Sam has published numerous articles covering source design, low noise amplifiers and transverters as well as articles on other general amateur radio related subjects in UK and international amateur radio magazines. He has contributed to many RSGB VHF and microwave handbooks.

Gerald Johnson, K0CQ

On 2m since novice days ('55 to '56) using AM, FM, SSB, CW. General in '56, Am extra, 1st phone, 2nd telegraphy, ships radar endorsement 1958 (age 17). On 6m since the early 70s. Made the first known 432 contacts from Iowa in September 1970 working 8 states (but not Iowa) one foggy night.

Graduated from Washington U, St. Louis 1963, Iowa State U. 1967 and 1976 with an Army hitch between.

Serviced radio and TV during HS and college years. Joined Collins in the high power transmitter department in 1963 where the scale of active components to wavelength was like running a 4CX250B at 1296.

Self employed since 1970 after passing PE exam in Iowa. Too little Iowa consulting involved RF so hamming kept up interests. Has been secretary of the Story County ARC and then president for 21 years running. In Army MARS for a time period ending as Iowa Newsletter publisher and Iowa Technical Coordinator.

Lived near Gilbert, Iowa for nearly 40 years, now lives in the country near Ellsworth Iowa and a local hilltop.

Have been on all HF bands, plus 6, 2, 220, 70 and 23 cm and 3cm. Much of the gear needs work as do antennas after moving.

Brian Justin, WA1ZMS

Brian received his Novice license in 1976 and has held the same callsign for 35 years. He holds a BSEE degree from the University of Vermont and is currently employed as a Sr. Principal RF Engineer with Harris Corp. He has completed VUCCs #1 for 47, 75, 122, 134, 145, and 241GHz. He has held world DX records on all bands 47GHz and above.

Brian also holds the very first Worked All Bands award after submitting proof of QSOs on all 27 US amateur bands. The QSO for above 300GHz was made the hard way at 1.4km on 403GHz. He is active on the "other end" of the radio spectrum as part of the ARRL's 500kHz Experimental License. He received the ARRL's Microwave Development award in 2004. His latest efforts are focused on water cooled solid state kW amps for VHF/UHF as well as working to push for even higher frequency RF if he can get DX greater than the distance spanned by his 160m dipole.

Ken Kent KA2LIM

First licensed in 1980, I got involved in VHF right away on 2M SSB and CW. Spent most of my HF time on 10 meters working DX and 40 meters rag chewing via CW. Got on 6 meters by the first of 1981 and have never left. Hold 6M VUCC #97 have VUCC worked on 2M, 222 and 432. Currently have 34 states on 2M. Stopped chasing and paying for wall paper way back. On HF have all the major awards, DX total is currently at 312. Again stopped chasing and paying for wall paper a long time ago.

Did casual contesting participation up to about 1991 but because of business went QRT until late 2000. Started VHF/UHF contesting again casually in 2001 after semi-retiring and did some rare grid activation up thru 2005.

Started contesting VHF/UHF more heavily in 2004 with some local hams using my call KA2LIM, finishing in the top 10 every contest and in the top 5 since 2007 in the Multi-Limited category, keeping rule #1 of Having Fun.

In the fall of 2010 we formed the LIM Amateur Radio Group and obtained the Vanity callsign K2LIM of which I am the trustee. In the January 2011 VHF contest we started using the K2LIM call sign for contesting so are on a new adventure and as always, Having Fun.

In 2009 we acquired our present location in western New York, grid FN12mg where our contest station is located. It is a totally portable setup and can be moved with a few hours work of tear-down.

I spend some time on HF during the winter working DX and DXpeditions on CW to keep my ear in tune. You will find me on 6M always looking for a new one and rag chewing occasionally. And on 2M, checking into the Pack Rat nets on Monday nights and the 2M N.E.W.S. net on Thursday night and occasionally the Rochester VHF net. They are too close with too many hills between us. Also occasionally on the 2M .205 group on

Saturday and sometimes Sunday morning.

Steve Kostro, N2CEI

First licensed in 1968, Steve became interested in VHF/UHF/Microwave in 1978 after a career change from unemployed horticulturist to an RF/Microwave bench technician. Steve has been participating in all major VHF, UHF, and Microwave contests since 1980 as either a multi, single, or portable operator.

He is co-owner of Down East Microwave Inc with his wife Sandra in 1994. In 2007, they re-located themselves and the company to Live Oak, Florida where they are actively roving an building their home station.

Barry Malowanchuk VE4MA

Barry graduated with a BSEE from the University of Manitoba in 1974 and joined Manitoba Hydro where he worked as a communications maintenance & design engineer for 37 years until his retirement on Jan 5, 2011..

Barry has been “radioactive” since 1962 and has been pursuing the use of higher “microwave” frequencies since 1965 when he heard the recorded KP4BPZ signals bounced off the moon. Barry got his father’s callsign VE4MA and was first successful in doing moon bounce in 1975. He has continued working on ever increasing frequencies until successfully reaching 24 GHz EME in 2001 and 47 GHz in 2005. Barry received the Central States VHF Society John Chambers Award in 2000 and again in 2008 and received the ARRL’s Microwave Development Award in 2003. His present work focuses on achieving the first 78 GHz moon bounce communications.

Barry has authored and presented many amateur radio conference papers on moon bounce, dish antennas, solid state and vacuum tube power and low noise amplifiers.

Dave Robinson, WW2R/G4FRE

Dave was first licensed in 1974 as G8JMO, become G4FRE in 1976 and was licensed in the U.S. as WG3I in 1989. He recovered his mis-issued WW2R call from the FCC in 1996. At the University of Wales (GW3UCB/P) he was introduced to VHF/UJF contesting, which continued when he joined British Telecom (G4BPO/P) and with the Sheppey Contest group (G4NXO/P). Dave is a member of the Mg. Greylock Expeditionary Force (W2SZ/1) with his wife Meg ((N2NQI/M0FRE). He is active on EME from 432 to 3400 MHz and currently works for Nortel in Richardson, TX, as a Senior Cellular Engineer.

Mike Seguin, N1JEZ

Mike Seguin, N1JEZ has been in the radio broadcast industry as an engineer since 1978 shortly after he passed his First Class Radiotelephone Operators license. He is currently with Vermont Public Radio. It wasn't until 1991 that he became a ham. His interests initially were VHF contesting and Roving as part of N1MJD/R.

Some time later, he joined AMSAT and enjoyed working the HEO birds. He was able to complete the first transatlantic contact via AO-40 using the K Band (24 GHz) downlink with G3WDG shortly before that bird went silent.

When AO-7 returned from the dead, amid skepticism, Mike was able to successfully command the satellite using the only known command encoder still in working order. He is still an official command station for the old bird.

As a member and past president of the North East Weak Signal Group, his interests have turned towards microwave operation. He is presently active on 6M thru 122 GHz. He is also working with the new LDMOS devices building high power VHF amplifiers.

Fred Stefanik, N1DPM

N1DPM, Fred Stefanik, was originally licensed in 1978 as KA1APR. My interest since 1980 has been in VHF-UHF- Microwave contesting, and also in power amplifier and antenna design and construction. Some amplifier projects built to date are 2x 3cx800A7 for 50 MHz, 8877 for 144 MHz, 4cx1000A for 144 MHz, 4cx1000A for 222MHz, 4xc400A for 432MHz. Additionally, I have also built many solid state amplifiers for 50 MHz through 2.5GHz including 2xBLF177 for 50MHz, BLF578 for 144MHz, BLF578 for 222MHz, 2x MFR377 for 432MHz, BLF872 for 432MHz, plus many more.

Professionally I have been working for the past 25+ years as a design engineer on high power TV broadcast equipment and RF sources using both solid state and vacuum tube technology. Currently I have been exploring the use of these new high power LDMOS FETs for amateur applications as in the BLF578 for 144MHz along with a recent found interest in 2 meter EME. Personal info is I'm 50 years old and married with 2 daughters, ages 10 and 13. We are living in our home in FN32qb.

Thomas Sullivan, W1AUV

ARRL and NEWS member, was first licensed in 1972 as WN1RHQ. He now holds an Amateur Extra class license. He received a BSCS from Westfield State College in Westfield Massachusetts and is currently employed as a Lead Engineer in electronic testing. He can be reached at tpsully@gmail.com.

Paul Wade, W1GHZ

Paul Wade W1GHZ, previously N1BWT and WA2ZZF, has been licensed since 1962 and has never made a contact below 50MHz. He has been a microwave experimenter for years and published numerous articles as well as writing the “Microwavelengths” column in QST. He is active in the Vermont 10GHz group and is past President of the North East Signal Group. An ongoing project is the “W1GHZ Microwave Antenna Book” – online at www.w1ghz.org.

In 1997, he was honored to be named by the Central States VHF Society as the recipient of the Chambers Award. He has been honored by the ARRL with the 2000 Microwave Development Award, in 2001 with the Thomas Kirby Eastern VHF/UHF Society Award, and in 2009 by Microwave Update and the North Texas Microwave Society with the Don Hilliard Award for Technical Contributions to the Microwave Community.

A former microwave engineer and retired ski instructor, he is currently employed by Mercury Computer Systems designing computer hardware. Last December, he and Beth, N1SAI, relocated to Vermont, FN34uj.

Al Ward, W5LUA

Al graduated with a BSEE from the University of Illinois in 1973. He was a System/Circuit Designer at Texas Instruments from 1973 to 1987, and has been a Semiconductor Applications Engineer with Hewlett Packard, Agilent Technologies and now Avago Technologies since 1987. His passion is the design of low noise amplifiers.

Al was first licensed as WN9QZE in 1965 and presently holds the Amateur Extra Class ticket. He operates all frequencies from 1.8 MHz through 47 GHz and has Worked All States on 50, 144, 220, 432MHz, and most recently, 1296 MHz. Al had Worked All Continents on 1.8, 50, 144, 432, 1296MHz, and 2304 MHz and has completed EME QSOs on all bands, 6 meters through 47 GHz.

Al was instrumental in the formation of the North Texas Microwave Society in 1985. He has received the Central States VHF Society John Chambers Award, the Central States VHF Society Mel Wilson Award, the Southeastern VHF Society K4UHF Award and was the recipient of the 1997 Dayton Hamvention Technical Excellence Award. Al has also received the ARRL's 1999 Microwave Development Award.