

The Smokehouse

Where Country Hams Hang Out

November 2016

President, Larry Brumett, KN4IV

Vice President, David Robinson, N4AES

Sec/Treas, Chappy Rice, KD4SS



David Welch K4PL SK

It is with deep sorrow that we announce the passing of David Welch K4PL. David was a long time supporter and member of the MCARC.

David first licensed as KA4VZO in 1980 had a passion for radio and loved DX-ing. David was one of very few hams that had the honor of making contact and QSL-ing with King Hussein JY1 the King of Jordan and many times

with ISS as well as the Space Shuttle.

David held awards WAS, WAC and DXCC with 300+ countries confirmed. After upgrading to Extra Class in the mid nineties he chose the vanity call of K4PL.

David Wayne Welch 63 of Glasgow died Saturday, October 29, 2016 at the T. J. Samson Community Hospital. Born in St. Joseph, MI he was the son of the late Clarence Ray and Doris McLean Welch. Mr. Welch was of the Baptist faith.

Survivors include his wife Nicole Pumyam Welch of Glasgow; a brother Jim Welch (Linda) of Glasgow; 2 sisters Peggy Welch and Sue Boles (Jim) of Glasgow; a nephew Brad Cannon (Amy) of Bowling Green; 3 nieces Teresa Popp (Rodney), Jennifer Wilson and Donna Smith

(Chris) all of Glasgow; many great nieces and nephews he loved dearly and many cousins and friends.

Mr. Welch chose cremation and a celebration of life service will be 1:00pm Saturday, November 5, 2016 at the Glasgow Faith Church. Visitation will be Saturday from 11:00am-1:00pm at the church. A. F. Crow & Son Funeral Home is in charge of the arrangements.

MCARC Officer Elections for 2017

Officer elections for 2017 will be held during the December Potluck and club meeting, if you would like to run for an office or nominate someone for a position you may do so at the December meeting

KN4IV



Latest Edition of the ITU Radio Regulations is Available Online

What the International Telecommunication Union (ITU) calls “The global treaty behind your mobile communications” — the ITU Radio Regulations (2016 edition) — is now available online and at no cost via the ITU website. Published in ITU’s six official languages, the new edition of the Radio Regulations is also available for purchase in hard-copy format and as a multilingual DVD.

“Following the successful completion of World Radiocommunication Conference 2015, I am pleased to announce the issue of the ITU Radio Regulations, edition of 2016, which will come into force for all the signatory parties on 1 January 2017,” said François Rancy, Director of the ITU Radiocommunication Bureau.”

Calling the treaty “an incredible success story,” ITU Secretary-General Houlin Zhao noted that the global treaty upon which mobile communication and other uses of wireless technology internationally depend, will celebrate its 110th anniversary this year. Delegates to the World Radiocommunication

Seminar (WRS-16) in Geneva this December will mark the occasion. — *Thanks to ITU (media release)*



RSGB Criticizes TV Broadcast Portraying Radio Amateur as “Nightmare Neighbour”

The Radio Society of Great Britain (RSGB) has **weighed in** following the airing of a Channel 5 TV *Nightmare Neighbour Next Door* episode [the program may have been removed from the website — *Ed.*] that featured an Amateur Radio operator. In the program, neighbors of 75-year-old Armando Martins, M0PAM, of Kent, made unsubstantiated claims that RF radiating from his 30-foot vertical antenna was detrimental to their health.

“Unfortunately, the RSGB was not invited to be part of Channel 5’s *Nightmare Neighbour Next Door* programme or to verify any facts,” the RSGB said. “We have, of course, contacted Channel 5 about our concerns and have highlighted the positive aspects of Amateur Radio. We have also offered our expertise and input for future programmes where Amateur Radio is mentioned.”

Channel 5 broadcast the offending episode on October 27, and it drew criticism from radio amateurs across the UK,

some of whom may have used a program complaint service form provided by telecommunications regulator Ofcom. Critics complained that the program was replete with false claims and note that Ofcom has never found any problems with Martins’ station.

Martins, a veteran radio amateur, was put off the air in 2010 by the Canterbury City Council after moving into a council house — a form of public housing — and was not allowed to install his antenna in the back garden, although that was more of a zoning issue. He subsequently moved to Kent, where the health claims began.

A radio amateur for more than 60 years, Martins was first licensed as CR6IL in Portuguese West Africa (Angola).

“Our volunteers spend a lot of time helping radio amateurs with planning applications,” the RSGB said. “It is by putting forward facts during those processes that we can help to dispel myths about Amateur Radio and any impact on the public or environment.”

The RSGB said it would let its members know if it receives a response from Channel 5.



Central Kiribati T31W DXpedition Called Off, Contributions to be Returned

The Perseverance DX Group (PDXG) and T31W team have canceled plans to activate Central Kiribati (Kanton Island) in 2017. The DXpedition organizers pointed out that a three-person European team has already activated the rare DXCC entity this year, making some 30,000 contacts. The same group announced its intention to return to T31 in 2017 to finish the job.

"Based on these events, it makes no sense for us to commit personal or donated funds to continue the project," the PDXG said in a news release.

The PDXC/T31W team had announced plans last March to activate T31 next year. "When the news of this recent T31 activation became public, we considered switching to one of two back-up DXCC entities," the PDXC release said. "These alternatives are still under consideration."

The PDXC said the nearly \$3,500 already donated to the

planned T31W effort would be returned over the next 30 days.

Sharon Whittom (SK)

It is with sorrow that we announce the passing of Sharon Whittom (XYL of Billy Whittom N4VDJ). Sharon Whittom age 59 of Glasgow passed away Wednesday, November 2nd in Nashville. Funeral services were held at 11:00 AM Monday November 7th at Butler Funeral Home in Edmonton with burial in the New Liberty Cemetery.

She was the daughter of the late Brady and Margaret Holland Cawthorn. Sharon was a retired nurse.

Sharon attended most every event and club meeting the club had along with Billy N4VDJ with the most recent being NPOTA at Mammoth Cave National Park and 2016 Field Day at American Legion Park. Sharon was a kind and caring person and friend to all, she will be deeply missed by family, friends and the ham community. Rest in Peace

MINUTES - Oct 18, 201

The meeting came to order at 7:05 PM with 19 members and 3 guests attending.

The guests were Peyton Hess, Mindy Crain, and Fritz

Kullack. The minutes were approved as printed and the treasurer Reported \$10,428.25 in savings and \$8875.01 on hand.

Announcements – Greg KY3B said they have been experiencing a "hacker" on the Bowling Green Repeater. Greg also reported that the recent hamfest in Bowling Green was a success, with just under 200 attending.

Nick KI4OZI is scheduled for neck/spine surgery tomorrow in Bowling Green. We will assist with the rec department's annual "Turkey Trot" footrace Sunday Nov 12, at Beaver Trail Park, around 3PM. Afterwards, about 4:30PM, we will have the annual Chili Supper in the clubroom. All members are welcome and may bring a pot of chili or anything else.

The hamfest committee reported that all is in order for the upcoming Cave City Hamfest March 4, 2017. ARRL has sanctioned the hamfest and has sent door prizes.

The repeater committee reported that we have acquired 225ft of 7/8 hardline at \$3.50/ft and Bill Kidd will help us contract with a professional climber from Radcliff to install the antenna

and feedline on the Bonnierville tower sometime this Fall.

Saturday morning Oct 22 at 10AM we will work on the tower and antenna on the city hall roof. Saturday afternoon at 4pm we will have exams in the clubroom.

James Gledhill W3JBG was accepted for membership. Chappy KD4SS showed a "Tuska" brand 1920's vintage radio, noting that Clarence Tuska was a cofounder of ARRL but had to resign when he started a Commercial radio business.

The meeting adjourned at 7:25PM.

Amateur Radio "Uniquely Situated" to be at Leading Edge Again, Conferees Told

The dawn of so-called "smart" — or cognitive — radio has presented Amateur Radio with an opportunity to regain the leading edge in radio technology in the near future. It will also alter our view of spectrum as a limited resource. Those points and others were part of a forward-looking, tag-team Sunday Seminar presentation, "Spectrum (It's the frequency crunch for real)," by Michelle Thompson, W5NYV, and Bob McGwier, N4HY, at the 2016 ARRL and TAPR Digital Communications Conference (DCC), September 16-18 in St. Petersburg, Florida. Thompson heads the AMSAT Ground Terminal Team, a component of

the Phase 4B geosynchronous satellite project. McGwier is chief scientist at the Hume Center for National Security and Technology at Virginia Tech. This week, *HamRadioNow* made the entire 3-hour presentation available as part of its conference coverage: *HamRadioNow* Episode 276 Parts 1, 2, and 3.

"If you put the smarts in the radio, what can possibly go wrong?" quipped Thompson, pointing to an example that demonstrated how sufficiently complicated technology is also more likely to fail.

Thompson said cognitive radio technology will alter the paradigm of treating spectrum as if it were land. "Spectrum is immediately reusable," she said, "and land is not." Regulation and spectrum allocation have been necessary to manage interference among services, but smart radios can avoid collisions among users, she said.

"[I]t hasn't been until fairly recently that we've been able to inexpensively and quickly reconfigure a radio," she said. Thompson's Phase 4B project will take maximum advantage of cognitive radio technology, which can — among other things — determine an optimal clear frequency, mode, and path on the fly, transparently, and without human intervention.

McGwier called the computer "the tidal wave that has swept over Amateur Radio." And, he predicted, "It is going to bring us back to becoming technical innovators." He said radio amateurs "are uniquely situated to be the leading edge in radio again."

McGwier said the innovation needed in Amateur Radio will come about through what he called "Amateur Radio freedom," that encourages experimentation and thinking outside the box. "It's the ultimate democratic assignment of frequencies in the world," he said.

He painted a picture of intelligent radio technology that will operate like the human brain. "It's going to design the radio on the fly, from scratch, without a subject-matter expert involved," he said. "The radio will be done by artificial intelligence, from beginning to end. The object becomes not the radio, but the activity it allows."

Responding to a question, McGwier conceded that today's hams may balk at this sort of paradigm shift, since it's far removed from how most Amateur Radio communication takes place today. But he said embracing smart radio technology is what will attract a younger generation of new hams.

"We need to not limit what these kids can do with Amateur Radio," he maintained. "They are going to outdo us, if we only allow them. We can't limit them, because this is a fundamental paradigm shift."

Predicted McGwier: "You will not recognize your world in 10 years."

The *HamRadioNow* presentation also is available in audio format, and a highly condensed 11-minute synopsis is available on YouTube.

