



Mid Sussex Amateur Radio Society

NEWSLETTER

Dec 2019

Mid Sussex Matters



Christmas Dinner 2019 Pictures page 6



In this issue

- 2 From our President Ken G3WYN
- 3 From our Chairman Russell G7TMR
- 4 Roll out of 5G Network
- 5 Spot Light on Reg Moores
- 6 Christmas Dinner 2019
- 7 Christmas Quiz
- 8 Contact Us

Meetings are held on Friday evenings starting 7.45pm at the rear of
Cyprus Hall, Millfield Suite, Cyprus Road, Burgess Hill,

West Sussex

Visitors are always Welcome



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From the President's Corner

Wed 30/10/2019

Hi again Ken,

Here is a photo of the magnetic loop I used this morning to QSO both you & George.

In the top of the photo you can see both my WX station & my all band antenna.

In order for me to put up a flagpole, I have to obtain permission from the community administrators.

I have tried several home made verticals (without radials). Frankly other than the very high Q, the Mag loop performs as well.

Of course, I must re tune with even a QSO over about 5kc.

I really was surprised when. it made it through this morning. There is a slight delay from the SDR station, and I could actually hear myself through the Swede station.

Bob/XAT



RECEIVED FROM KEN

GM Tony, As you know Bob, N4XAT a member of our mid day net, has been out of touch for months due to poor conditions following his move to a new QTH.

Bob has been listening to us via a Swedish SDR, but was able to make a CW contact with myself and George Lord 'PTJ yesterday using his new magnetic loop. (3/10/2019 Ed)



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From The Chair

Firstly, many thanks to Tony G3XQM for the wonderful newsletter he produced, which was welcomed by all the members, as we had not had an MSM for a while.

This report I feel sure you will all appreciate, is not as long as the last one, as there is not so much to catch up on. However, a few things have happened since the last issue.

The results for VHF NFD saw us placed as follows:-

4th overall low power.

4th 2mt low power.

6th 70cm low power.

The certificates are on show in the shack. Considering the conditions, I think we did well. Perhaps some of you should start to think about joining us next year. With better conditions we could have more success.

The November Surplus Equipment Sale saw the tables full of all sorts of items. The auctioneers did a great job, with most of the items sold by the end of the evening.

The cashiers also did a good job keeping the books in order. The raffle was a great success, (may I say better result than the normal ticket seller). 😊

And the refreshment team kept everyone happy. So well done to all that helped in anyway.

The Q code quiz again saw different answers to the questions, but of course only the correct one was right, very enjoyable.

The Christmas meal was enjoyed by 24 members and guests.

There was a surprise visit from Father Christmas who handed out presents to everyone.

Again, many thanks to all the hard work by those who helped, thank you.

Just one more event to look forward to The Christmas Quiz, then we have our Christmas break till January 2020.

So, until next time, Best wishes to all our members and friends. May 2020 see a big improvement to the band conditions.

Russell Nelson G7TMR
Hon Chairman
MSARS

Spencer Kelly in conversation with Physicist and Cancer Researcher David Grimes. (BBC Click 09/11/19)



SK: In towns and cities across the UK, a tech revolution is slowly being born, one antenna at a time.

Bit by Bit 5G is becoming 'A Thing' 390Mbps RIGHT NOW!

This new network is going to be so fast, be able to download in a heartbeat, and stream video to multiply devices at once!

In order to allow this to properly take off, we are going to see lots of antenna's servicing small areas.

DG: As you get further and further away from the source of light, which of course radio frequency really is, even though we can't see it, the drop off is really really rapid.

And by the time, you are at an even appreciable distance away from any kind of transmitter, its way more likely that your phone itself, is going to be omitting a lot more than maybe transmitters are.

SK: Do you think one of the worries about 5G is that there's talk of using higher frequency radio waves?

DG: I think absolutely, I think people have an intuitive understanding, that higher frequency is higher energy. But I think what people really need to be aware of, is that this kind of radiation is still very very non ionising. What that means is, it doesn't have the fundamental energy, to liberate an electron, and cause damage.

The new 5G spectrum is very low energy, its much lower energy than say physical light, but more than that, the bio physics itself, the mechanics of how you might develop the cancer or something - we know that this kind of radiation is non ionizing, it cannot cause the level of DNA damage that you typically expect, or need to cause the cancer.

So, for that reason, the combination of epidemiology evidence and bio physical evidence, we do not have any current cause for concern. That being said, it's always good to observe and keep an eye on trends, and see what might emerge.

Spot light on Reg Moores

Names on the buses

Connections with Brighton and Hove:

An eccentric inventor, Reg Moores of Brighton was a man of many talents and interests. He was a top flight engineer for RAF Coastal Command during the Second World War and a qualified gunner.

Later he became chief technician in the chemistry department at Sussex University and managing director of a company making scientific instruments.

Moore's best invention was the radio microphone. He also designed spectrometers for the Science Museum and many universities.

Another invention was the electrically heated dressing gown. He was an ice skating champion in his youth and became a member of the Magic Circle, helping to train Paul Daniels.

Moores was also a London agent and was in some West End theatres as a singer. He also appeared many times on television and was awarded the Baird medal.

He was a member of Equity, the show business trade union, and was publicity officer for the Sussex branch. Moores also loved writing letters to local papers such as The Argus. Born in Brighton in 1922, he died aged 89. There were no children.

Tony G3XQM:

I first came across Reg Moores G3GZT, when he started work for Scott's Radio, an independent radio TV and Hi-fi outlet. The service department was based on the first floor in London Road Brighton, with views of the busy Road below.

At the time, I was a trainee radio and TV engineer, and being a junior, it was my responsibility to make the engineers tea and do the 'sticky bun run' to the local Forfars.

On the opposite side of London road, lived a friend of Reg's, John Andrews G3RMY. Not only an amateur but a keen home constructor as well.

One afternoon Reg decided to have a bit of fun. Using a piece of test equipment in the workshop, he was able to send John a voice message saying he was located in Australia. John was understandably excited until Reg confessed all...

Reg was a member of MSARS for many years, and gave us lectures on several occasions. More details in Jan.





Merry Christmas 2019



Photos G8KMP/G3XQM

More details in January

Christmas Quiz 2019

In each of these 6 photos, there is a person who later became a member of MSARS.

Can you spot them?

What was the event?



A



B



C



D



E



F

Answers will appear in the January edition of the Newsletter

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All contributions of copy for the newsletter please send to:

[Tony Finch](#)

(Tel: 01444 254511)

Details of club events etc go to:-

[MSARS Web Site](#)

General enquires about The Mid Sussex Amateur Radio Society Tel Sue 01273 845103