

Bromsgrove & District Amateur Radio Club.
Newsletter. 08.08.21

Club Nets.

These will continue on Monday and Wednesday evenings. 7.30 local time. 145.400MHz FM. The regular net attendees have suggested that we will continue to have a net on Friday evenings for those unable to attend the club meeting, again 7.30 local time, so before the club meeting starts. It would be good if someone could operate the club station G6VGG from the club shack on a Friday evening.

CHOTA.

Churches and Chapels on the Air is taking place on Saturday, 11 September 2021. Most activity will take place on the 80 and 40m bands, SSB, between 10am to 4pm.

REVISED PREDICTION FOR SOLARCYCLE 25 LOOKS MOST PROMISING

NASA Heliophysicists have released a revised prediction for Solar Cycle 25.

The report generated by Ricky Egeland a Solar Physicist working in the NASA Space Radiation Analysis Group now calls for the peak of Solar Cycle 25 to top out at a value of 195 ± 17 based upon the new scale for calculating Smoothed Sun Spot Number. For reference Solar Cycle 21 peaked at an SSN 233 (new scale) while Solarcycle 23 peaked at an SSN of 180 (new scale). If this predictions holds up Ham Radio will see Excellent Worldwide F Layer Conditions on 10 Meters for several years around Solar Max. 6 Meters conditions should be good in the Equinox Periods before and after Solar Max with consistent openings on Medium Haul Polar Routes. 6 Meter routes traversing the equator should experience consistent openings ± 9 months from Solar Max.

Ricky Egeland is a participating member in the group headed up by Scott McIntosh and Bob Leamon that published a paper 9 months ago outlining the existance magnetic bands within the Sun that govern the Sunspot and Hale Cycles. At the time of its publishing the paper went on to predict the peak of Solar Cycle 25 could be as high Solarcycle 21. Today's released is a revised prediction based upon data observed since the original paper was published. To be sure we are still in early days.

The Solar Rotation Cycle as marked by Sunspot Activity was established on April 19, 2021 so we are only 90 Days into actually observing Cycle 25 Activity. It is now agreed the dramatic run-up in Sunspot Activity we experienced late Last Fall while tied to Cycle 25 was an outlier. When asked directly about whether they can declare if the Terminator Event they wrote about in the Fall 2020 Paper has occurred Scott McIntosh stated "We can't be sure just yet but we are very very close". It also should be noted that while it has been over a year

since the sun produced a Cycle 24 Region with a Sunspot worthy of a NASA Classification the Sun has been steadily producing Spotless SC 24 Active Regions the last of which formed right on the Solar Equator at N00-W54 on July 24,2021 as recorded by Jan Alvestad's Solar Terrestrial Activity Report Website. These Active Regions being part of a Solarcycle in its final stages of existence produce no spots and only last for a few hours before they dissipate away. The previous SC24 Active Region formed on June 28, 2021. Once the SC24 active regions cease forming Solar Cycle 25 will take off in earnest.

73, Doc - K2PHD

RDA Contest 2021

Dear radio amateurs,

We would like to invite you to take part in the traditional annual Russian Districts Award Contest (RDAC-2021), which will be held on August 21-22, 2021 for the 19th time.

Radio amateurs from all over the world are invited to participate in the competition, and we really hope for your support.

The competition rules are located at:

<http://rdaward.org/rdac.htm>

The results of the past RDAC can be found on the judging team website:

<https://ua9qcq.com/ru/resultdb.php?lang=ru>

Many years ago, for the first time in the world, the organizers of RDAC invented and developed a system for scoring QSOs in competitions without obtaining QSL-cards for the RDA diploma program.

After the judging is over, you can get new RDA districts on the RDA Autocfm website:

<https://mydx.eu/>

We are looking forward to seeing you at the RDA Contest 2021.

Sincerely,

Roman Novikov

RA3R

RDA manager

Organizer of the RDA Contest

Wanted.

Trio / Kenwood SP120, DFC 230 and AT120

Alan G4LVK

For Sale.

Yaesu set up includes a yaesu ft-950 transceiver with matching yaesu sp-20 speaker and yaesu md 100 desk microphone all like new with boxes and manuals £750

Mfj 941e manual tuner brand new in the box never used £140

Please contact Michael 2E0UNK mbaxter1@hotmail.co.uk.

Raffle.

The club will resume a monthly raffle starting in September. It will be held on the first Friday of each month, to coincide with the committee meetings. Tickets will £1 per ticket and all money will go to club funds.

We are looking for donations of suitable raffle prizes.

Initially Alan G4LVK will organise them, but if anyone wants to volunteer??

Committee meeting notes.

Has anyone borrowed the MFJ-949E ATU or know of its whereabouts? If so, please contact Roy G6NYG (Club Chairman).

The committee proposes that the club will participate in Museums on the Air which is held on the third and fourth weekends in June. Any other suggestions for Special Events Stations?

Finally,

Any articles to me please before next weekend.

Alan G4LVK.