

Silent Key.

It is with regret that we begin this week, with news of a silent key.

The Mid South Coast Amateur Club have advised of the passing of their friend and fellow club member John K Close VK2DER, on 2nd of November, aged 96 years.

John was the oldest member of the Club, although he had only joined recently. He very much enjoyed attending the club's meetings.

A service for John will be held on Monday 21 November 2022 at the All Saints Anglican Church Nowra commencing at 9:00am. This will be followed by a celebration of his long life at his home in St Georges Basin.

For further information please contact David VK2LDW, on 02 4422 6963.

Please pause with us now, while we remember John.

[pause 5 seconds]

Vale [va-LAY] John K Close VK2DER.

*Advised by David VK2LDW
on behalf of the Mid South Coast Amateur Club.*

[Play File: 14-E-ID1.wav]

In the news from Amateur Radio New South Wales for this week;

Later in this bulletin, we have a summary of on-air activities from both Sydney, and across New South Wales. We welcome any updates from clubs and groups; simply email news@arnsw.org.au – we don't need full items, just the details of the activity and contacts. We also welcome reports on the outcome of recent activities.

You can direct any general enquires to the ARNSW office via email, to office@arnsw.org.au, or by leaving a phone message on 02 9651 1490.

Tonight, we again welcome listeners on the EchoLink "HAM" conference, and the Australian & New Zealand EchoLink Network. Callbacks will also be taken after tonight's bulletin; our thanks to John VK3HJQ, and the Australian & New Zealand EchoLink Network team, for making this relay available.

Coming soon to VK2WI News...

Is a new segment, in which you can take part. With more, here's Mathew VK2YAP;

[Play File: 15-B-CTR-P1.wav]

Duration: 0m46s

In: Amateur Radio is...

Out:....soon to VK2WI News.

Transcript;

Amateur radio is a diverse pursuit with so many areas of activity; sometimes, it can be hard to know where to start.

Perhaps you're interested in starting something new, like contesting or getting started with a digital hotspot, but you don't really know where to begin. Where do you look? Who can you ask?

Connector!

Connector's a new segment coming soon to VK2WI News, where we connect your questions with answers from fellow amateurs that have been there and done that. Now it's on the radio, so we want to hear from you.

You can call and leave your question on the special connector phone line, 02 9444 0181; or you can attach a recording of your question in an email to; connector@arnsw.org.au.

So, stay tuned to hear more about Connector, coming soon to VK2WI News.

Weekly Solar and Geophysical Report

For the period of the 11th to the 17th of November;

This report issued on the 18th of November.

First, the summary;

Dates across the columns are	11 th	12 th	13 th	14 th	15 th	16 th	17 th
10cm Flux	138	138	137	142	134	133	119
Fredericksburg A-Index (AFr)	9	3	6	3	2	2	1
Australian Index (Aaus)	7	6	12	3	2	2	1 estimated
T index	118	75	89	93	89	95	93

Solar activity was at R1 on the 11th, with two M1.2 flares, and on the 12th with a single M1.2 flare; then remained at low levels from the 13th to the 17th.

Geomagnetic activity remained at quiet to unsettled levels.

F2 critical frequencies in Southern Australia were mostly near predicted; the 11th saw enhancement of 15% during local day and 20% during night; the 12th was depressed 15% during local day; and the 14th and 16th both saw enhancements of up to 15% during local night.

The forecast for the 18th to the 24th of November;

Solar activity should remain quiet all week. Geomagnetic conditions may reach G1 levels from the 19th to the 21st, with quiet conditions expected on other days.

MUFs are expected to be depressed after local dawn from the 19th to the 21st, otherwise near predicted monthly values.

Data courtesy of the Australian Space Weather Forecasting Centre.

Solar Flux Index update

Here are the updated Solar Flux Index (SFI) figures for this week.

For October, we had a;

Minimum of 105, Average of 134, and a Maximum of 163
With peak dates from the 1st to the 13th.

So far for November, we are expecting a;

Minimum of 115, Average of 128, and a Maximum of 142
With peak dates from the 6th to the 18th

And looking ahead to December, we are expecting a;

Minimum of 105, Average of 125, and a Maximum of 135
With peak dates from the 1st to the 13th, and the 27th to the 31st.

Update with thanks to Noel, VK2FUL.

[using daily data updates from :
<http://www.swpc.noaa.gov/products/usaf-45-day-ap-and-f107cm-flux-forecast>]

Foundations of Amateur Radio

This series, written and produced by Onno VK6FLAB, continues a weekly examination, of the building blocks of Amateur Radio.

[Play File: 16-FOAR037.wav]

Duration 4m25s

In: "Foundations of Amateur Radio ..."

Out: "I'm Onno VK6FLAB"

For more information about this series, including transcripts and useful resources for F-calls, Onno's website is; vk6flab.com, or follow him on Twitter, @VK6FLAB; and you can contact Onno by email, to cq@vk6flab.com.

[Play File: 17-E-ID2.wav]

WICEN News

Tonight, is the Monthly WICEN NSW 40m Net. Listen for net control VK2WIZ, from 6:30pm local time on 7110kHz +/- other traffic. Stations from outside Sydney, are especially welcome.

Weekly voice nets continue at 6pm Sunday, on either the Chatswood 2 metre repeater, or the Kurrajong 70cm repeater, please check the website for details.

WICEN NSW, is a communications support squad of VRA Rescue NSW, the web address is nsw.wicen.org.au, on twitter @wicennsw, and on Facebook.

For information about other WICEN groups; WICEN ACT is part of the Canberra Region Amateur Radio Club. Their website includes WICEN and general Club information and can be found at www.crarc.org.au. WICEN Victoria has a weekly net on Tuesday at 8:30pm, on 3.6MHz. More details on the web at vic.wicen.org.au.

ARRL DX news

RODRIGUES ISLAND; Kazu, M0CFW will be active on HF bands, as 3B9/M0CFW until November 30. He will be active as 3B9KW in the CQ Worldwide DX CW contest, next weekend.

GEORGIA; Alex, K6VHF is active as 4L1FP until November 27. Activity is on 80 to 10 metres using CW, SSB, and FT8.

MADAGASCAR; Operators PA3EWP, DL2AWG, DK2AMM, PG5M, and PA5X will be active as 5R8WP, 5R8WG, 5R8MM, 5R8CG, and 5R8PA, respectively, from Nosy Be Island, IOTA AF-057, from November 22 to December 3. Activity will be on 160 to 6 metres using CW, SSB, RTTY, and FT8 with two stations active.

TOGO; Andy, KB9IJI is active as 5V7JA. Activity is in his spare time on the HF bands using SSB and various digital modes.

WEST MALAYSIA; Special event station 9M100SK is active until December 31 in celebration of the 100th anniversary of Kedah Scouts. Activity is on 80 to 10 metres using SSB, CW, and various digital modes.

HAITI; Members of the Haitian Radio Club are active with special call sign HH18NOV until November 27 to commemorate the 1803 Battle of Vertieres.

AMERICAN SAMOA; Bob, W7YAQ and Al, K7AR are active as K8H from Pago Pago, IOTA OC-045, until December 1. Activity is on 160 to 6 metres using CW and SSB. This includes an entry in next weekend's CQ Worldwide DX CW contest.

BRAZIL; Special event station PV22CUP will be active until December 18, during the 22nd FIFA World Cup in Qatar.

CORSICA; Operators S53BB, S53CC, S53F, S53MM, S53RM, S53WW, S53ZO, S55OO, S57AL, S57C, S57K, S57L and S57VW will be active as TK/home calls from November 21 to 29. Activity will be on 160 to 2 metres using CW, SSB, and various digital modes. They will be active as TK0C in the CQ Worldwide DX CW contest.

CENTRAL AFRICAN REPUBLIC; A group of operators are active as TL8AA and TL8ZZ until November 26. Activity is on 160 to 6 metres using CW, SSB, RTTY, and with FT8 in DXpedition mode, respectively.

BENIN; Tapani, OH5BM, Pekka, OH2TA, and Timo, OH5LLR will be active as TY5AF from the village Grand Popo from November 22 to 29. Activity will be on the HF bands using all modes. This includes entry in CQ Worldwide DX CW contest.

ANTIGUA AND BARBUDA; Bud, AA3B will be active as V26K from Antigua from November 22 to 28. Activity will be on the HF bands using primarily CW, and he will also be taking part in the contest.

BRUNEI DARUSSALAM; Didier, F5NPV is now active as V85NPV from the capital city, Bandar Seri Begawan, and will be there for a few years.

KOSOVO; Henning, OZ2I will be active as Z68EE from November 24 to 30, and will be active in the CW contest next weekend.

ST. HELENA; Christopher, HB9FIY is active as ZD7CA until November 26. Activity is in his spare time on 40 to 10 metres using SSB, PSK31, and RTTY.

THIS WEEKEND ON THE RADIO; ARRL SSB Sweepstakes, RSGB 1.8 MHz CW Contest, All Austrian 160-Metre CW Contest, REF 160-Metre CW Contest, NCCC RTTY Sprint, QRP 80-Metre CW Fox Hunt, NCCC CW Sprint, K1USN Slow Speed CW Test, LZ DX Contest, South American Integration CW Contest, Feld Hell Sprint, Homebrew and Oldtime Equipment CW Party, FISTS Sunday CW Sprint and the Run for the Bacon QRP Contest will certainly keep contesters busy this weekend.

The K1USN Slow Speed CW Test, ICWC Medium Speed CW Test, OK1WC CW Memorial, Worldwide Sideband Activity Contest, SKCC CW Sprint, QRP 160-Metre CW Fox Hunt, Phone Weekly Test, A1Club AWT, CWops CW Test, Mini-Test CW 40 and Mini-Test CW 80 are all on from November 21 to 23.

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Club News

We start this week, with news from the Oxley Region Amateur Radio Club; Next Sunday, Club members will be providing safety communications for the postponed Beechwood Billycart Classic.

Last Friday night, members and visitors enjoyed “show and tell” and socializing over tea, coffee and biscuits at the November Friday Night Get together. There is no general meeting scheduled for December; instead, the clubs Christmas party is on Saturday the 3rd of December at the Long Point Vineyard and Art Gallery covered picnic area, at Lake Cathie. This is always an enjoyable social event for members, their families, and friends; with a sausage sizzle lunch, followed by delicious dessert.

The next Monthly General Meeting will be at 2pm on Saturday the 7th of January 2023, in the SES Building in Port Macquarie.

The VK2RCN Telegraph Point repeaters will soon return to air, operating from the new site; commissioning is expected at the end of this month.

Candidates for the next Foundation training and assessment weekend, as well as those interested in assessments for Standard and Advanced licences, can contact the club at PO Box 712 Port Macquarie NSW 2444, or via the contact form on the website.

There are two club nets each week; the mid-week net starts at 7:30pm on Thursday nights, and the weekend net starts at 9am Sunday mornings. Both nets are on the VK2RPM 2 metre repeater, 146.7MHz with a 91.5Hz sub-audible tone for access, and on EchoLink as VK2RPM-R. Members and visitors are encouraged to participate in the club on air nets as often as possible.

For more information about the Oxley Region Amateur Radio Club, visit the website at orarc.org. The newly published November 2022 edition of the club's bimonthly newsletter “Oxtales” is now online, and past issues are on the website as well. The November issue reports on the recent ADS-B aircraft tracking and P25 GRN presentations by Paul VK2ICQ. You can also find the Club on Facebook; just search for Oxley Region Amateur Radio Club.

*Advised by Henry VK2ZHE
For the Oxley Region Amateur Radio Club.*

Central Coast Amateur Radio Club

The Clubrooms at Kariong are open every Saturday, from 10:30am.

The first of the club's "Christmas Ham" events is on now, running through until midday on November 24; the second starts on November 25th, through until December 9. To find out more, visit the Club's website or social media.

November 26th is the next regular "Show & Tell" Saturday; this will be a general show & tell, where you can bring anything radio or electronic that you think may be of interest, or just come along to see what others have brought.

A reminder to members that the end of year lunch is approaching on the 10th of December; RSVP to assist with catering requirements.

At VK2RAG Somersby, the D-Star, RadNet DMR and 2m EchoLink services are fully functional; 23cm is temporarily down; and BrandMeister DMR and 70cm EchoLink and IRLP are still on the sick list.

The Somersby WebSDR is online at websdr.ccarc.org.au; its configured to listen on 6 metres, 2 metres, 70 centimetres and 23cm.

The Club's Morning Tea net is now on weekdays only, starting at 10am. The Club's weekly net is on Thursday night from 8pm. Both nets are on the VK2RAG 2m repeater – 146.725 MHz with 91.5Hz tone, and on the EchoLink HAM and CCARC conferences.

The Thursday night net is also video streamed live on the club's Facebook page and recordings can be found in the "Videos" section.

You can find out more about the CCARC, including information on upcoming social events and all the details we can't tell you about here; on the web page – at ccarc.org.au – by phone, 02 43402500 – or social media, search Central Coast Amateur Radio Club; remember to "like" to follow for updates.

73 Alan VK2MG

Publicity Officer, Central Coast Amateur Radio Club.

Sydney ATV Group

The Group's ATV repeater at Lawson in the Blue Mountains, transmits high-definition TV on 445.50MHz, with analogue and digital inputs on 23cm.

Reception is possible over the Sydney Metro area, or via the British Amateur TV Club streaming web site; select VK2RTS Sydney. You can also text to say that you're watching – just enter /nick, a space then your name, your following text will appear in the column above.

Regular nets are on Monday evenings starting at 7:30pm. We regularly have technical talks, show our latest projects, general interest videos and much more.

You can call in during the net on the Lawson repeater, 147.325 MHz with positive offset, with reports, questions or help with receiving Amateur Television. Why not join in and find out more about this fascinating and fast-growing aspect of digital amateur radio.

*Advised by John VK2ATU
on behalf of the Sydney ATV Group.*

Hornsby and Districts Amateur Radio Club

This coming Tuesday is the Club's monthly meeting, where HADARC will enter the realm of Aerospace engineering, with a real Rocket Scientist; Alexander Ryan is an Aerospace Engineer and CEO of VXB Aerospace. He is in the final stages of his PhD in Aerospace Engineering and Physics at the University of Sydney.

Alex designs electric propulsion systems and has previously developed and tested a small RF plasma thruster. His UHF engineering and plasma skills are cutting edge. He will present where Australia stands in the ever-growing Aerospace Industry. This is a great way to introduce people to radio with a great talk; HADARC welcomes Members and guests to attend all its meetings.

The Club's Christmas function is on the 10th of December, at Magpies in Waitara. Please contact Chris VK2YMW to register for a fun afternoon of your best radio stories over a relaxed lunch and a few 807's. There are rumours that a few special things will happen at this event, so please stay posted.

You can also keep Radio-active on HADARC's weekly nets; Monday nights on VK2RNS, Wednesday night on 80 metres 3608.5kHz, and Morning Tea with HADARC every Friday on 40 metres, 7106kHz.

*73 Matt VK2BAI
HADARC President.*

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Activities on the air

Daily;

The **CCARC Morning Tea net** now on *weekdays* from 10am; VK2RAG, 146.725MHz with 91.5Hz tone, also on EchoLink.

Amateur Radio Central West Group lunchtime net; 1pm on VK2RCW.

Mondays;

Westlakes ARC nets 9:30am on 40 metres, 7115kHz, VK2ATZ Portable.

Great Lakes Radio Club net 7pm on VK2RGL; 147.1MHz with 91.5Hz tone, EchoLink VK2RGL-R.

Hunter Radio Group VK2AWX News 7:30pm, 146.9Mhz and 438.025MHz.

Sydney ATV Group net 7:30pm; call in on 2m repeater 147.325MHz.

Amateur Radio Central West Group net at 8pm on VK2RCW.

Lightning Net 8pm on 1860kHz, net control Steve VK2STG.

HADARC net 8pm on VK2RNS, 147.25MHz, also available via EchoLink.

Waverley ARS net 8pm temporarily on VK2ROT, 147.025MHz with 91.5Hz tone. Activities online and on air; see website.

Tuesdays;

Blue Mountains ARC net from 8pm on 3543kHz.

Illawarra ARS 80m net at 8:30pm, 3666kHz.

Wednesdays;

Westlakes ARC net 9:30am on 7115kHz.

HADARC 8pm on 3608.5kHz

Blue Mountains ARC 8pm on VK2RBM, 147.05MHz with 123Hz tone.

Amateur Radio Central West Group from 8pm on 3653kHz.

Thursdays;

Fishers Ghost ARC net from 7:30pm on VK2RFG, 438.65MHz with -7MHz offset and 91.5Hz tone; also, on EchoLink.

Oxley Region ARC from 7:30pm on VK2RPM 146.7Mhz with 91.5Hz tone.

St George ARS 8pm on VK2RLE 146.8MHz.

Central Coast ARC net 8pm on VK2RAG.

Fridays;

Morning tea with HADARC at 9am on 7106kHz.

Westlakes at 9:30am on 7115kHz.

Amateur Radio Central West Group at 8pm on VK2RCW.

Saturdays;

Illawarra ARS net 9:30am on VK2RMP 146.850 and VK2RUW on 146.675.

Snowy Mountains ARC net 7:30pm on Southeast network; VK2RFS 146.75MHz, VK2RSE 147.375, VK3RDH 146.625, and EchoLink.

Westlakes Stone the Crows net; 6am on 3588kHz.

Sundays;

Oxley Region ARC from 9am, VK2RPM 146.7Mhz with 91.5Hz tone.

Westlakes DMR Net from 8:30am on Talkgroup 8. 2 Metre nets throughout the week, see website for details.

WICEN NSW nets from 6pm on Chatswood 2m or Kurrajong 70cm repeater; see website for details.