



## NET CHECK-INS:

**Wia National News** - n/a

**HF Dawn Patrol** – 49 for the week ending 30th March 2018.

**Sarc Digi Net** – (see full “*Digital Modes*” report below)

**Wicen Net** – 8 - 2m ssb for field operations

**Wednesday Tech Net** – 6 - Computer controlled devices

**Thursday 6Mtr Net** – 5 - Audio polarity

**Friday Night Net** – 8

## More things to do:

### Coffee morning:

1000 on the 1st Wednesday of the month

Rous Hotel (cnr) Keen/Zadoc St. Lismore

### Lunch day:

1200 on the 3rd Wednesday of the month

Ying's Chinese & Thai Restaurant  
142 Keen St. Lismore

## SARC COMMITTEE MEETING ///WICEN (NR) AGM next Sunday 8<sup>th</sup> April:

Don't forget the AGM for Northern Rivers Wicen is on Sunday 8th April at 1000. {SARC Meeting @ 1pm.}

Upcoming Horse Enduros: We have two Horse enduros coming up in the near future.

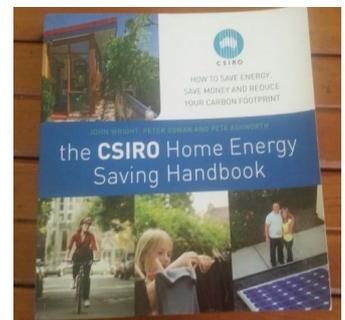
May 05/06 Horse Enduro at Girard State Forrest just west of Drake.

May 19/20 Horse Enduro at Spring Mountain just south of Brisbane.

More details as they come to hand. **de Duncan DLR**

## Another book in the SARC Library:

A copy of the 2009 book from Australia's CSIRO has been added to the SARC Library. It's "the CSIRO Home Energy Saving Handbook". Most SARC members are well versed in energy production and saving but this book serves as a handy refresher. It's worth a quick flick through next time you're browsing through the library.



## HF Dawn Patrol (DX news)

We had a very distant check in this weeks Dawn Patrol, viz Sergey Skorikov, UA6YT from European Russia west of Moscow. My 400W must have caught his attention! This is probably a record distance for the Club's Hfnet.

Regards, Chris VK4YE

## **DIGITAL MODES:**

26 May 2018

Our usual diginet reporter Paul VK2PMG is currently sampling the delights of VK5 and isn't available to weave his magic words.

Instead Duncan VK2DLR can report that last Monday night Paul, VK2PMG ran the diginet as usual. Leith VK2EA and John VK2JWA were there for the voice start of the net while Kris VK2MRN, Chris VK2ACD and Duncan VK2DLR used 2m SSB to transmit and receive Flmsg style messages. Flmsg come from the same source as Fldigi and work seamlessly together. Whereas Fldigi by itself is great for conversational / QSO style keyboard conversations, Flmsg brings some additional advantages. Flmsg enables the operator to fill out a standardised message form, save a local copy and transmit the contents to the receiving station. The remote station receives the message contents, saves it, and reconstructs the message back into the original form.

The messages are clear, saved, in computer format and don't require the operator of the receiving station to intervene. The use of digital transmissions from field stations at a sporting event or an emergency remains open but Flmsg is certainly a contender.

Check out <http://www.arrl.org/nbems> for the ARRL's web page on Narrow Band Emergency Messaging Software (NBEMS).

Once again 2m SSB impressed all on the net. Woodburn, Alstonville, Lismore Heights and Cowlong; a wide spread of locations and all using low power levels with modest antennas. Makes you ask the question: Why don't we use 2m SSB more often; especially in the field.

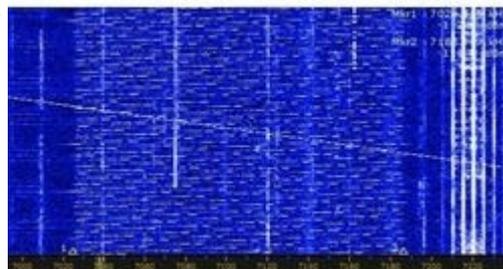
Cheers, Duncan VK2DLR

## **40m HF News:**

Just When You Thought It Was Safe: Chinese Over-the-Horizon Radar Appears on 40 Meters

The International Amateur Radio Union Region 1 ([IARU-R1](#)) Monitoring System ([IARUMS](#)) reports that one of China's over-the-horizon radar (OTHR) installations has been causing interference in the Amateur Radio 7 MHz band. The IARUMS [February newsletter](#) reports on that intruder and others.

Other Top 5 intruders include a "single-letter beacon" transmitting either the letter "K" or the letter "T" on 7039.3 kHz. The source is believed to be in the Russian Pacific, Petropavlovsk-Kamchatsky. A Russian F1B teleprinter signal (RDL) has appeared on 7193 kHz, with an encrypted frequency-shift-keyed (50-baud) signal, originating in Kaliningrad. Authorities in Germany and Switzerland have filed official complaints.



A Russian orthogonal frequency-division multiplex OFDM 60 signal has been showing up on 14.235 MHz, covering nearly 3 kilohertz. It's said to be located in Moscow. Three Russian OFDM 60 signals were active at the same time on February 13. A Russian F1B signal has been observed on 14.308 MHz, 50 baud, 500 Hz shift, also reported to be in Moscow.

**The Chinese over-the-horizon radar signal on 40 meters. [Wolf Hadel, DK2OM, image]**

In the "miscellaneous or bad news" category, IARUMS Region 1 Coordinator Wolf Hadel, DK2OM, reports Spanish-speaking "fishermen" on 3560 kHz (USB), heard daily at 1600 UTC or later. These signals have been heard on other 80-meter frequencies. Broadcaster Radio Hargeisa in Somaliland continues to be reported on 7.120 MHz (AM) daily. *de Chris ACD*

## Cross-band Repeater at SARC:

An experimental cross-band repeater is running at the clubrooms. VK2DLR, ELH & PMG have set up a cross-band repeater at the clubrooms to evaluate its performance for use at horse enduro and other temporary events. It will be probably run for a week or so and any comments would be appreciated. The parrot repeater VK2SRC on 146.575 simplex will be off air during this experiment as the cross-band is using the parrot's antenna.

**Basic details:** Callsign: VK2SRC-X1

**Uplink** 433.825 MHz    **Downlink** 147.425 MHz

No tone.                      **Output power** 20W

de Duncan

VK2DLR

## SARC 2018 Calendar:(updated)

What's On	
For the full year's calendar visit <a href="http://sarc.org.au/">http://sarc.org.au/</a>	
This Month	Next Month
<b>April 2018</b> Sun 01 Easter Sunday Sat/Sun --/01 Mon 02 Easter Monday Sat/Sun 07/08 Sun 08 <u>Wicen AGM 1000</u> Sun 08 <u>Committee Meeting 1300</u> Sat/Sun 14/15 Sat/Sun 21/22 Wed 25 Anzac Day ( <u>AX Prefix</u> ) <b>Sat/Sun 28/29</b>	<b>May 2018</b> Sat/Sun 05/06 Sat/Sun 05/06 <u>WICEN Horse Enduro (Girard)</u> Sat/Sun 12/13 Sun 13 <u>Committee Meeting 1300</u> Sat/Sun 19/20 Sat/Sun 19/20 <u>WICEN Horse Enduro (Spring Mountain)</u> Thu 17 World Telecommunications Day ( <u>AX Prefix</u> ) <b>Sat/Sun 26/27</b>

## WEEKLY NEWSLETTERS

On our website we have a short-term archive of SARC newsletters – each weekly issue from the start of the previous year.

If you want to find an older issue, please send a request to the committee and we can send it to you providing it is in the long term archive at the clubrooms.

### To unsubscribe:

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