



NET CHECK-INS:

HF Dawn Patrol – 52 for the week ending 17th August.

Sarc Digi Net -- {see full Digi Report below}

Wicen Net -- 7 - Parrots Nest batteries

Wed Tech Net -- 8 - Battery hygrometers and fuel gauges

Thursday Night 6m Net-- 6 - ILLW (who is attending at Ballina or Byron)

Friday Night Net -- 9

Lunch numbers – 7 - Vegan food

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

News Items:

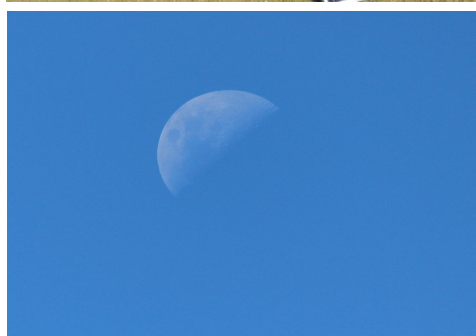
ILLW at Ballina was a successful laid-back weekend. Operation took place during daylight hours only. Contacts were made on 80m, 40m, 20m, 2m and 70cm. Noumea was our most distant contact.

HF antennas used were the 80m Red Devil dipole from Dave, VK2ZDR and the 40m OCFD from Bernie VK2WJ. 2M & 70CM via the VK2DLR field vertical. The 'ZDR designed' Go-box provided the RF magic and was powered at various times by the Wicen-NR generator, FMAN and DLR solar pannels. Operators at Ballina were VK2's JWA, FMAN, VBG, ZDR, DSL, FBDX & DLR.

de Duncan VK2DLR



Perfect day/weekend for Photography:



UPCOMING EVENTS:

SARCFEST...!!!

August 26 @ 8:00 am-4:00 pm

[View All Events {click <<< on this link}](#)

LISMORE REPEATER - “all systems are go”

The Lismore repeater hut has a good set of batteries installed. Many thanks to VK2's ZDR, DLR and ACD for this work. The system had been cutting out after dark, due to failure of the old batteries.

We are awaiting arrival from the USA of two new sets of **Trojan T105RE** batteries, which will bring total capacity to 500 ampere hours at 12 volts.. The ones now installed have been generously been loaned to us for the interim by **Enirgi Power Storage**, of Ballina.

Pic – shows the temporary set plus the new main fuse holder which has 2 x 100A HRC fuses, with quick disconnect by a pull=out handle.



Multiband Parallel Dipoles

Walt – W5ALT

This antenna consists of several dipoles joined at the center with a common feed point. Normally the dipoles are held apart by spacers at the ends. The operating theory of the performance of this type of antenna is that only one of the dipoles is resonant on any ham band and the other dipoles have minimal effect on the resonant one. To see the effect of putting dipoles in parallel with a common feed, I will start with a 40m dipole arranged in an inverted-V and then add smaller dipoles for other bands to see what effect they have on the radiation pattern and impedance of the dipole. All cases are modeled using Multi-NEC with the NEC-3 calculation engine. In all modeling cases #16 copper wire is used and the center of the antenna is 30 feet above ground with the 40m dipole ends 10 feet above ground. In all cases a real ground is used in the calculation.

40m Inverted V

Modeling a 40m inverted V is fairly simple and there are no major surprises. At 7.1 MHz, the resonant length of each leg turns out to be about 33.1 ft and the impedance is 56.8 ohms, nearly exactly the expected 50 ohms. Since the antenna is relatively close to ground, the gain is about 4.5 dBi straight up. This would qualify as a "cloud warmer".

Full article: <http://www.comportco.com/~w5alt/antennas/index.php?pg=2>

DIGI-NET REPORT:

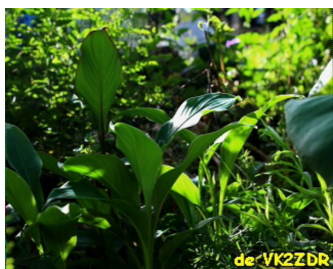
Monday 13th August 2018

For tonight's net we had VK2PMG/SRC as net control with Duncan, VK2DLR and Dave VK2ZDR. Again, Dave didn't have SSB so we used FM through the Woodburn repeater.

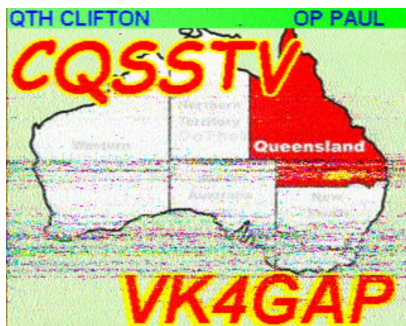
SRC started things off using MP140 mode, a mode that conveniently fits within the 3 minute repeater timeout. Once again MMSSTV proved its worth and relative ease of use.

A very enjoyable evening that ended at 10.20 pm. Thanks to all who logged in and participated.

Paul VK2PMG



After the net, we tuned into 80m HF & decoded some VK4 CQ's:



WHAT'S ON AT SARC?

Download the calendar of events and important date here: [SARC Calendar2018 Version 1](#)

August 2018

Sat/Sun 04/05
Sat/Sun 11/12
Sun 12 Wicen 1000
Sun 12 SARC Mid year Meeting 1300
Sun 12 Committee Meeting 1300
Sat/Sun 18/19 ILLW Lighthouse weekend
Sat/Sun 18/19
Sat/Sun 25/26
Sun 26 SARCfest

September 2018

Sat/Sun 01/02
Sat/Sun 08/09
Sun 09 Committee Meeting 1300
Sat/Sun 15/16
Sat/Sun 22/23
Sat/Sun 29/30

LOOKING BACK...

This is Leith, VK2EA many, MANY years ago.



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