



SARCNEWS



NET CHECK-INS:

Wia National News - 5

Dawn Patrol - 50 check-ins to the D.P. for the week ending 28 July 2017.

Sarc Digi Net - 7 (see "digital modes" report below)

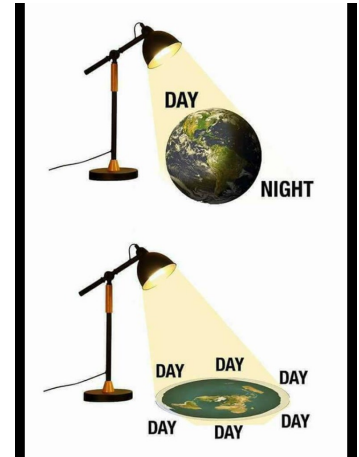
Wicen Net - 8 (Next month's activities)

Wednesday Tech Net - 10 (QHA building project)

Thursday 6Mtr Net - 7 (mods or technical things gone wrong)

Friday Night Net - 5

For all 'net' times & frequencies please check out the sarc website:
www.sarc.org.au/nets-broadcasts/



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

WICEN NR MEETING

August 13 @ 10:00 am - 12:00 pm

SPECIAL GENERAL MEETING

August 13 @ 1:00 pm - 2:00 pm

COMMITTEE MEETING

August 13 @ 2:00 pm - 4:00 pm

SARC SHOW, TELL and SELL

August 27 @ 8:00 am - 5:00 pm

SARC TO ACTIVATE CAPE BYRON AND BALLINA FOR ILLW

Club members will be at Cape Byron and Ballina lighthouses for the International Lighthouse and Lightship weekend. The event runs from 0001UTC 19 August to 2400UTC 20 August 2017. Reg VK2MNM and Roger VK2LRB will be leading the Cape Byron operation. Duncan VK2DLR and others will be at the Ballina lighthouse.

DIGITAL MODES:

Monday 24 July, 2017

For tonight's net we had VK2PMG/SRC as net control and VK2JWA, EA, MLC logged in to say hello. The stations transmitting were VK2PMG/SRC, Duncan VK2DLR, Chris VK2ACD and Dave VK2ZDR. This week we decided to have another practice with MMSSTV. This was prompted by the recent SSTV images from the International Space Station and also the successful session with MMSSTV last Monday. We used the Woodburn repeater.

Net control VK2SRC started things off with a re-transmission of one of the better ISS images. This was received by DLR perfectly, but ACD needed a high accuracy re-sync to straighten the image he received. This was followed by DLR's transmission of another one in the ISS series, again reception was perfect. ACD sent an ISS image that had a MSSTC template superimposed on it. SRC's setup corrected it on receive while DLR needed a high accuracy re-sync to straighten it. DLR's next image was another image sent on PD120 mode, the same one used by the ISS. A crackle on receive produced a thin green noise bar but otherwise excellent.

After this session we heard from Dave VK2ZDR that he had successfully installed Easypal but needed Administrator mode to do it. We then switched to Easypal. SRC sent an image of the ISS which was received perfectly but then the Easypal programme froze, which it can do at times. A computer restart fixed things. Another image from SRC was received 100%. Dave then transmitted his first image and it was a pic of himself at the Cinema. This was followed by a brilliant photo of the Indian Pacific train and a photo of a garden setting. All of these were received perfectly. Any missing segments were corrected by the BSR request, which we all had a practice with. All I can say is well done Dave, it has been a long time coming but the results were brilliant. An excellent net finished at 10.50pm, a bit of an epic but it was enjoyed very much by all. Thanks to all who logged in and participated.

Cheers from VK2PMG



COMING UP SOON:

What's On

For the full year's calendar visit <http://sarc.org.au/>

| This Month | Next Month |
|--|---|
| August 2017 Sat/Sun 05/06 Sat/Sun 12/13 Sun 13 Wicen 1000 Sun 13 SARC Mid year Meeting 1300 Sun 13 Committee Meeting 1300 Sat/Sun 19/20 ILLW Lighthouse weekend Sat/Sun 26/27 Sun 27 SARC Show, Tell & Sell | September 2017 Sat/Sun 02/03 Sat/Sun 09/10 Sun 10 Committee Meeting 1300 Sat/Sun 16/17 Sat/Sun 23/24 Sat/Sun 30/-- |

Sunday August 27 SARC SHOW, TELL & SELL day

The Internet may have killed the Hamfest but many of us still want to get together, look at stuff and talk to people you haven't seen for ages. Instead of a Hamfest, SARC will open the clubrooms for a SHOW, TELL & SELL day on Sunday 27 August between 0900 to 1500. Free Entry. We'll provide the usual Tea, Coffee, Cake catering along with a lunchtime BBQ. Bring along things you've built or assembled and show how you do stuff. Members of the Monday night Diginet will have digital, image and file transfer stations operating.

Stuff to sell? Bring it along - car boot style.

Sunday August 27 from 0900 to 1500 Free Entry!

QFH Project

What the QFH? Inspired by the recent SSTV images from the ISS, a handful of SARC members are contemplating building dedicated antennas for the reception of signals from satellites. We've settled on the QFH or Quadrifilar Helicoidal antenna design. More discussion will take place on the Wednesday night technical net and other nets throughout August. Points under consideration include:

Frequency? Probably the lower part of the 2m band?

Material? Copper tube or stiff coax?

Here's a couple of URL's to check out.

<https://www.jcoppens.com/ant/qfh/calc.en.php>

<http://www.g4ilo.com/qfh.html>

[http://www.instructables.com/id/NOAA-Satellite-Signals-with-a-PVC-QFH-Antenna-and-/](http://www.instructables.com/id/NOAA-Satellite-Signals-with-a-PVC-QFH-Antenna-and/)

<http://www.qsl.net/kf4cpj/qha/>

Check things out, joint the discussion and get ready for a group build in September.

To unsubscribe:

Please reply to sarcnews@gmail.com

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