



# SARCNEWS



Hi all, please enjoy this weeks NL, apart from the great Digital Report & photos, we have a few great photos from the Byron Bay Lighthouse & from the Ballina Lighthouses from this yrs ILLW.

73'

Dave ZDR

{Ed}

## NET CHECK-INS:

Wia National News - 5

Dawn Patrol - 46 check-ins to the Dawn Patrol for the week ending 18 August 2017.

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

Wicen Net - 6 (Lighthouse operations)

Wednesday Tech Net - 5 (Lighthouse weekend preparations)

Thursday Night Net - 7 (International Lighthouse-Lightship Weekend preps/setup)

Friday Night Net – 5

For all 'net' times & frequencies please check out the sarc website:

[www.sarc.org.au/nets-broadcasts/](http://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

## **(this coming weekend) 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 9am to 3pm. 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 9am to 3pm Free Entry!*

## DIGITAL MODES:

Monday 14 August, 2017

For tonight's net we had VK2PMG/SRC as net control with John VK2JWA and Leith VK2EA logging in. Also joining us were David VK2MLC, Chris VK2ACD Duncan VK2DLR and Dave VK2ZDR. David VK2MLC said that he would like to try and get FI Digi working with his setup. We decided to try 80 metres, as David did not have 2 metres on the rig attached to his soundcard.

We went to 3524 USB. The noise floor at SRC/PMG's was worse than S9. Signal fading added to the problems. Voice copy apart from a few scattered words early on was hardly readable at SRC/PMG. These two problems made net control almost impossible and led to a couple of double transmissions. Some transmissions using Olivia 8-500 were made and decoding was pretty good early from ACD and DLR but fading soon led to a failed decode. The only station to hear everyone was Chris VK2ACD, who had a much lower noise level than everyone. David did not hear anyone from his location. We eventually went back to 2 metres as band conditions made it impossible and frustrating to continue as basic communications on HF were not working.

I would like to thank all who logged in and tried to make digital modes work under very trying circumstances. I have only seen Olivia 8-500 fail to decode once or twice before. David VK2MLC was appreciative of our efforts to get him going. It is obvious that FM on a repeater is the best choice to get started. Digital transmissions on HF will have to wait until propagation improves. The net finished at 9.15pm.

Cheers from VK2PMG



## MORE Digital stuff:

*Calling all Olivia-mode operators with experience using the Olivia digital mode in all areas of the world:*

[http://www.amateurradio.com/calling-olivia-operators-worldwide/?utm\\_source=feedburner&utm\\_medium=feed&utm\\_campaign=Feed%3A+amateurradiocom+%28AmateurRadio.com%29](http://www.amateurradio.com/calling-olivia-operators-worldwide/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+amateurradiocom+%28AmateurRadio.com%29)

## 2017 ILLW:

### **SARC members activated Cape Byron and Ballina Lighthouses for ILLW this weekend.**

At Ballina we had Vk2's FMAN Brian, JWA John, DLR Duncan, PMG Paul, ZDR Dave, DSL Shaun and BRH Brian. Nothing too exotic but we still managed to work from Grassy Hill (Cooktown), Piah (New Zealand) and around to CapevJaffa (South Australia).

The gear used indicates just how much this activation was a team effort.

Go Box with hf and vhf radios built by VK2ZDR

Battery from the Wicen portable repeater

Solar panel from VK2DLR

Operating table from VK2FMAN

2M/70CM antenna from VK2DLR

HF antenna from VK2FMAN

Portable centre pole for antenna from VK2JWA

Laptop for SSTV from VK2DLR

Photo shows ZDR, FMAN and JWA at work

de DLR



### **Summer land Amateur Radio Club at Byron Bay Lighthouse, Cape Byron**

de VK2MNM, VK2LRB, VK2VA, VK2FUSE & VK2FISH...

After very windy conditions bands were quit at times but made a few contacts to ZL1, Mackay, Victoria Tassie & NSW... "it was a great weekend had by all"

*from Reg VK2MNM/Roger VK2LRB*



more from Byron Lighthouse



**COMING UP SOON:**

**COMMITTEE MEETING**

September 10 @ 1:00 pm - 4:00 pm

<b>What's On</b>	
For the full year's calendar visit <a href="http://sarc.org.au/">http://sarc.org.au/</a>	
<b>This Month</b>	<b>Next Month</b>
<b>August 2017</b>  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	<b>September 2017</b>  Sat/Sun 02/03 Sat/Sun 09/10 Sun 10 Committee Meeting 1300 Sat/Sun 16/17 Sat/Sun 23/24 Sat/Sun 30/--

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