



Sarc Radio Net numbers/check ins:

Weekly HF Dawn Patrol – 62 for the week ending 10th January

Monday_INFO Net – 7 - News & Evans Head

Tues_Sarc Digi Net – full “*Digital Modes Report*” below

Wed_70cm Net – 3 - Rain

Thursday_(ex 6mtr) Net – 4 - evans Head

Friday Night Net – 5 - Fires & Field Days

UPCOMINGEVENTS

COMMITTEE MEETING

January 19, 2020 @ 1:00 pm - 4:00 pm

ANNUAL GENERAL MEETING

February 9, 2020 @ 1:00 pm - 2:00 pm

>>>>>News Items<<<<<

GREAT EASTERN FLY-IN



Kangaroo Island on fire.

Photo captured as the ISS flew over Kangaroo Island last Wednesday. The Eyre and Yorke Peninsulas are obvious to many and Kangaroo Island appears about centre frame with the Western (Right Hand) end obscured by smoke from the bushfire that was consuming over one third of the island.



DIGITAL Report:

A last minute change of net controller as Paul had to attend a family function.

In the Diginet tradition there were a couple of rounds of voice contacts on R6800 before *Chris VK2ACD and Duncan QSYed to 144.230 USB for a JS8Call session.*

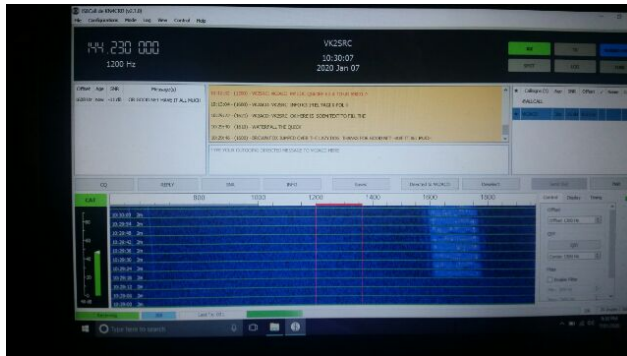
Chris had downloaded and read the JS8Call manual so we took the opportunity to do some experimenting with some of the subtleties of how JS8Call handles incoming messages. In the past we'd noticed what appeared to be inconsistencies of when an incoming message was displayed in the centre window. True to the words in the manual, an incoming message is displayed if its directed to your callsign OR it's being transmitted within 10Hz of frequency you're listening to.

This highlights to need for accurate tuning and low drift. RF drift is something that many of us forgot about when we moved from analogue VFO's to synthesised digital VFO's. The massive leap in stability from analogue to digital let many of us simply dial up a net or sked frequency and that was it. For voice QSO's that was all we needed. With digital signal we also need to look at drift in the audio to digital sound card level. Remember that that particular interface could be in your radio, your PC to Radio interface, or the sound card in the PC itself.








The attached photo's show the nice clean signal received from Chris. Note the lack of splatter burning up excessive bandwidth. The signal was received at -11dB with only the stronger bits breaking into yellow on the waterfall. A few watts is all you need to get 100% solid reliable copy.

Once again the value of the Diginet proved itself. Chris and Duncan were able to experiment in an environment where over modulation, changes of frequency and callsign could all be tested without disturbing others. Voice contact for discussion and experimentation was as close as the PTT button.

de VK2DLR



Lismore 7-day forecast

Sun Jan 12	Mon Jan 13	Tue Jan 14	Wed Jan 15	Thu Jan 16	Fri Jan 17	Sat Jan 18
 Possible shower	 Cloudy	 Showers	 Possible thunderstorm	 Possible thunderstorm	 Possible thunderstorm	 Possible thunderstorm
25°C 18°C	27°C 17°C	27°C 18°C	28°C 19°C	30°C 18°C	29°C 17°C	29°C 17°C

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