



“WELCOME to 2020”

Sarc Radio Net numbers/check ins:

Weekly HF Dawn Patrol – 64 for the week ending 3rd January

Monday_INFO Net – 5 – Local News

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

Wed_70cm Net – 7 - ISS SSTV

Thursday_(ex 6mtr) Net – 5 - Time and Tide

Friday Night Net – 6

UPCOMING EVENTS

EVANS HEAD FLY-IN

January 10, 2020 @ 12:00 pm - January 12, 2020 @ 4:00 pm

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<<<<<

Next Weekend.....GREAT EASTERN FLY-IN (11-12th January 2020)

Organisation for operation at the Evans Head Fly-In was kicked off. Personnel will be VK2ACD (event organiser, with KWW, PMG, DLR and LRB). We will be setting up on Friday January 10, about 1200 hours.

More information: <http://www.greateasternflyin.com/>

SARC AT EVANS HEAD FLY-IN

The club will again be at the Great Eastern Fly-In at the Evans Head Aerodrome. We will be providing flight radio recording and assistance with airbands comms as needed.

This year is the 80th anniversary of the establishment of ‘BAGS No.1’, the RAAF bombing and gunnery school set up to train personnel for overseas service in World War II.

We will be located in a prime position directly to the east of the main apron, where the warbirds park, next to the old canteen building. Please call in and say hello!

FIRE WATCHING (on the Web)

Here's some web pages you might to check out as we keep an eye on the fires near and far.

First up of course in the NSW Rural Fire Service web page.

<https://www.rfs.nsw.gov.au/>

Zoom in on the map and get additional information on fires of interest in NSW. If you are in a danger area then the RFS "Fires Near Me" web page and smart phone application is the place to go.

The old reliable Met Bureau

<http://www.bom.gov.au/>

is the place for weather warnings, radar images and local observations. I wonder how many of us have our local weather radar web page as our web browser home page.

And for lightning strikes, Blitzortung covers the world and can be customised to bring up this part of the world.

<http://map.blitzortung.org/#3.87/-24.46/138.1>

A particularly useful web site when dry lightning storms are of concern.

Follow the fire fighting aircraft on Flight Radar 24 on

<https://www.flightradar24.com/-29.48,153.12/9>

It takes a bit of mouse work to get use to scrolling and zooming the map. You can also click on various aircraft and discover a lot of information including ground tracks. With a bit of practice you'll be able to observe the work of the water bombers, fire spotters, and high level reconnaissance. The leased in water bombers often have the registration / callsign of their country of origin. Aircraft from the defence forces sometimes operate using civilian type classifications that are at best a 'loose fit'.

And finally, try Marine Traffic

<https://www.marinetraffic.com/en/ais/home/centerx:149.9/centery:-37.0/zoom:10>

A bit like Flight Radar 24; you'll have to do a bit of work to locate the Australian Navy Ships being used.

As you gaze at all this information from the comfort of your own screen, spare a thought for all those involved. Volunteers, Service People, and victims alike. The Amateur Radio community is well represented on all sides and we wish them well.

DIGITAL Report:

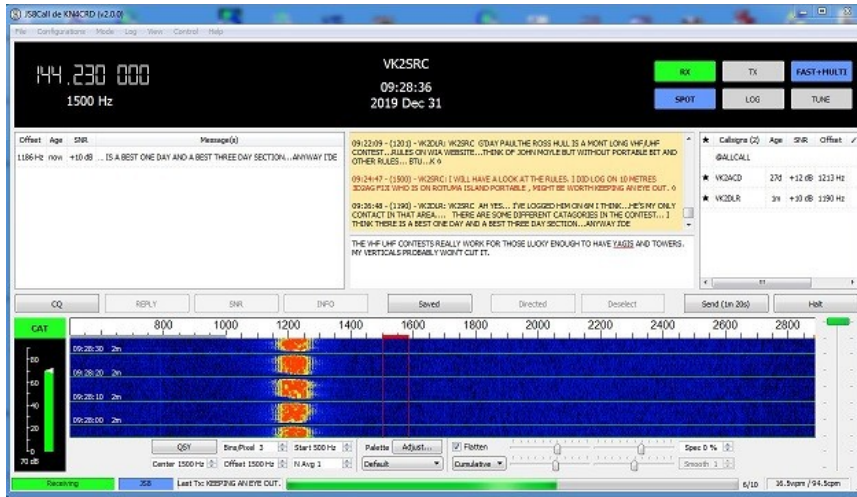
TUESDAY 31 DECEMBER 2019

Well, tonight's Digi Net was the final one for 2019, on the final day of the year, on the final day of the decade. Considering it was the holiday season I was not expecting an avalanche of operators and it was just *Leith VK2EA, John VK2JWA and Duncan VK2DLR* logging in. After a brief couple of overs, Duncan and I then QSY'd to our normal frequency of 144.230 USB.

We again used the "conversational" version of FT8, JS8Call. Both Duncan and I were using 15 watts which has proved to be pretty adequate. I tuned up with a "tune" signal in the software at 1500 Hz offset, Duncan then tuned his rig so that the offset was 1500 Hz on his, this resulted in his frequency being 144.229.80. You would think that the modern synthesized rigs would be spot on, but small frequency variations following a "tune" signal using USB have been normal.

Signal strengths were about S6 for me to Duncan, S8 for Duncan to me. We experimented with Duncan trying to transmit an over-driven signal but the results on the waterfall were almost identical. Another good net, I would like to thank all those who have logged in and contributed on the Digi Net during 2019 and we will do it all again in 2020, perhaps with a greater number of participants.

Cheers from Paul VK2PMG



ISS via SSTV

The ISS was transmitting SSTV images over the Christmas / New Year period.

The timings and orbit paths didn't favour this region that well.

But here's a picture downloaded by Paul VK2PMG that's the pick of the bunch.



2020 Memberships now DUE...

Its almost 2020, and a reminder that club subscriptions were due on January 1.

Download the 2020 Info Brochure with Membership form here – [2020 Brochure](#)

What's On for 2020? Download the Calendar here – [2020 SARC calendar](#)

Lismore 7-day forecast

Sun Jan 5	Mon Jan 6	Tue Jan 7	Wed Jan 8	Thu Jan 9	Fri Jan 10	Sat Jan 11
Sunny	Mostly sunny	Mostly sunny	Mostly sunny	Mostly sunny	Mostly sunny	Possible shower
35°C	33°C	32°C	33°C	32°C	32°C	34°C
17°C	17°C	17°C	17°C	17°C	18°C	18°C

Our Disclaimer:

The opinions expressed by contributors in SARC NEWS are theirs alone and do not reflect the opinions of the Summerland Amateur Radio Club or its members. SARC is not responsible for the accuracy of any of the information supplied by the contributors... :)