

BARG News

Ballarat Amateur Radio Group

Inc. #6953T

April

Monthly Newsletter

Next Meeting

Friday 26th of April 2019 @ 7:30pm

At the B.A.R.G. Club House, Ballarat Airport

All Welcome



Contacting us

You can write to the club at the address below, or e-mail the secretary

The Secretary : B.A.R.G. Inc.
Box 1218
Mail Centre
Bakery Hill Vic. 3354

Or E-Mail : vk3bml@barg.org.au

We're on the web
www.barg.org.au

Presidents Report

Welcome to the April newsletter. Last meeting we were lucky enough to have WIA director Marcus Berglund, VK5WTF, present on a range of activities and issues that the WIA are currently working through. It was good to see a number of guests also join in the meeting.

This coming Friday Robert, VK3ARM, will be presenting on the [VKS-737 Radio Network](#) and his work supporting the service.

For construction night there's a proposal for a group build of a VHF or UHF yagi. Details will be discussed at the next evening, Monday 6th May.

Till next time,

Malcolm, VK3OAK



VHF and Above for April 2019

With the cooler weather becoming a factor there has been a downturn in the longer distance contacts on 2mx and above bands. However there are still the diehards that are still active most mornings where contacts can be made. It's great to see that Mick VK3GGG is now up and running on both 2mx and 70cm from his new qth at Dunolly and getting good signals into the Ballarat area.

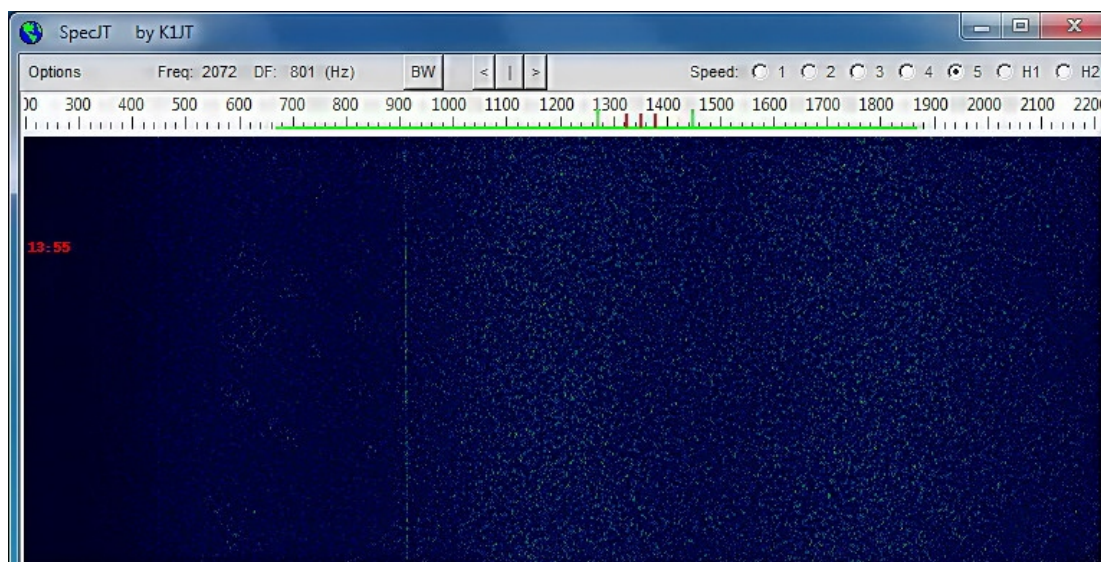
The usual crew VK3BNC, VK3AIG, VK3ALM, VK3KG, VK3TXR, VK3AXH, VK3EXE and recently VK3PWG can be heard most mornings on the bottom end of 2mx. These numbers are a great contributor to this activity and BARG should be proud of the activity these members contribute to the group.

The microwave boys have been busy with several tests being conducted during the past month on 2.4G, 3.4G and 5.7G where tests over a variety of paths have been undertaken and use of different antenna configurations also tried to optimise performance at these frequencies.

On Easter Monday (weather permitting) several members will attempt contacts on several of the microwave bands to other stations in Melbourne, Geelong area, Loch in South Gippsland to see if the antenna improvements have in fact been proven to be correct.

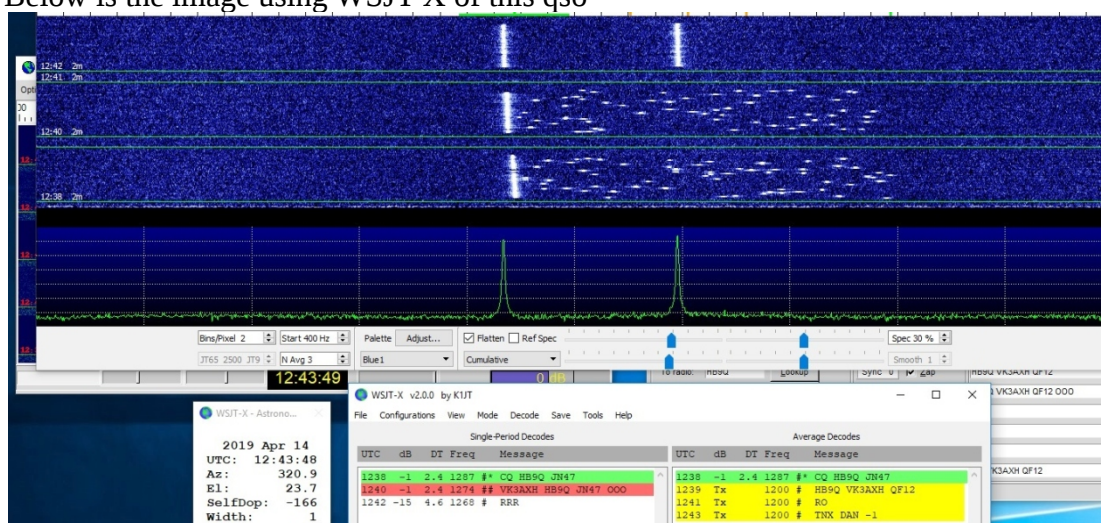
Both Bob VK3BNC and Ian VK3AXH have again been testing on 1296 EME where both have been able to receive ON0EME beacon from Belgium.

Below is the image that Bob received using WSJT program



Around the same time there was a 1296 contest taking place and VK3AXH was able to find and have a contact with HB9Q in Switzerland. Dan uses a 15 metre dish and big power making the contact very easy in both directions. Ian received Dan at -1dB and got a report back at -6dB. These levels are good enough to contact using SSB.

Below is the image using WSJT-X of this qso



Coonstruction Group

This group is undertaking a project to make both 2mx and 70cm yagi antenna's using the LFA design. If you are interested in joining in please let the club know so you can be included in the list. Making these antenna's will allow you to have contacts on the lower end of both 2mx and 70cm and utilise them for satellite communications as well..

Till next time 73 de VK3AXH

DIYODE ISSUE 021 April 2019.

This is a locally produced magazine which seems to concentrate on computing ideas and the combining of Arduino construction and manufacturing. For those who expect a full nuts and bolts description it may not be for you, however its an excellent quality and printed on glossy A4 paper available by subscription from AU\$8.75 and also a software sub available. There are a number of interesting themes for construction projects.

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12. QST Review December 2018

- P13 Member Spotlight. Michael WD4MGP
- P24 Correspondence.
- P30 Build a Versatile T/R Switch for SDRs and Vintage Radios.
- P35 The Hourglass Loop antenna. 2M and 70cm.
- P38 Review Yaesu FTM-7250DR Analogue and System Fusion Dualband Transceiver.
- P41 Build a QRP 20M Transceiver kit.
- P44 Review: PWRgate DC Power manager/Charge controller.
- P47 Review: SOTABEAMSWSPRite Antenna & Propagation Tester.
- P51 The Doctor answers a range of technical questions for you.
- p53 Hints & Kinks. Preamp for Dynamic mike, Mobile support
- P55 Eclectic Tech looks at the importance of TIME as used in many programs like WJST et al.
- P56 Making Digital contacts through the ISS.
- P58 About Cognitive Radio. What, How and where to now.
- P61 Winter Field day a challenge.
- P63 Happenings.
- P66 Public Service: Event operating. Top 20 training tips and Techniques.
- P68 Classic Radio: Pierson-Holt KE-93 mobile receiver. Uses a TV turret tuner with biscuits.
- P92 How's DX?. August 2018 expedition to Central Pacific.
- P 94 World above 50 MHz. Effects of Hurricane Flore.



That's all for 2018

73 Craig VK3KG.

QST REVIEW APRIL 2019 Annual Antenna issue.

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Happy Reading.

Craig VK3KG



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DATE	OPERATOR	NAME
25-Apr-19	VK3DRE	DOUG
2-May-19	VK3AXH	IAN
9-May-19	VK3TXR	PAUL
16-May-19	VK3KQT	DAVID
23-May-19	VK3EXE	CHRIS
30-May-19	VK3KQT	DAVID
6-Jun-19	VK3DRE	DOUG
13-Jun-19	VK3AXH	IAN
20-Jun-19	VK3TXR	PAUL
27-Jun-19	VK3GGG	MICK
4-Jul-19	VK3EXE	CHRIS
11-Jul-19	VK3KQT	DAVID
18-Jul-19	VK3DRE	DOUG
25-Jul-19	VK3AXH	IAN

VK3BML club station of Ballarat Amateur Radio Group.

HF NET: Every Thursday Night at 8 pm on 3.608 MHz - VK3BML