



*New Zealand Association of Radio Transmitters*

# **ZL1AA - AUCKLAND BRANCH 02**

**FEBURARY**

**2018**

☞ **General Meeting** ☞  
**SATURDAY FEB. 17 @ 13:30**

**JWFD PLANNING / PREP**

**Club Room will open at 10:30 AM**  
**BBQ @ 12:00**

**W3AO Main Operating Tent ARRL FD 2010**



**SUBS DUE BY 31 MARCH 2018**

## ZL1AA

**Auckland Branch 02**  
**PO Box 18003**  
**Glen Innes**  
**Auckland 1743**

**[www.qsl.net/zl1aa](http://www.qsl.net/zl1aa)**  
**[ZL1AA@nzart.org.nz](mailto:ZL1AA@nzart.org.nz)**  
**Skype: ZL1AA\_NZ**

## Club Officers

### President:

Wes Printz, ZL3TE  
[ZL3TE@dxer.com](mailto:ZL3TE@dxer.com)  
027 227-7779

### Vice President:

Steve Miller, ZL1FS  
[HeathkitDX60@yahoo.com](mailto:HeathkitDX60@yahoo.com)  
021 0226-4981

### Secretary:

Wallace Bottomley, ZL1WAL  
[auckland.nzart@gmail.com](mailto:auckland.nzart@gmail.com)  
(09) 575-6383

### Treasurer:

Jeff Lowe ZL1TOU  
[jeffjanet51@gmail.com](mailto:jeffjanet51@gmail.com)  
(09) 630-0213

### Elected Members:

Gwynne Rowe, ZL1AAR  
[rgwynne.rowe@xtra.co.nz](mailto:rgwynne.rowe@xtra.co.nz)  
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Ray Chapman, ZL1AJR  
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Olivier Wardecki, ZL1XS  
[zl1xsnz@gmail.com](mailto:zl1xsnz@gmail.com)

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Jimmy Smith, ZL1TGS  
[jimmys@xtra.co.nz](mailto:jimmys@xtra.co.nz)  
027 492-5152

## ZL1AA Information:

Branch 02 Clubroom is located at  
400 St Johns Road  
St Heliers, Auckland  
(Off the main road)

Google Earth:  
36.869730s, 174.843860e

Clubroom is open every Saturday from  
1030 hrs. for members and guests to drop  
by for coffee and a chat!

General meetings are held on the third  
Saturday of each month at 1330 hrs.  
(except Dec / Jan).

Committee meetings are held on the first  
Tuesday of each month at 1930 hrs. ALL  
paid members are welcome to attend.

### Affiliations:

10-10 International  
NZART  
AMSAT-ZL

### Club nets:

Thursday:  
145.775 MHz @ 1930 Steve, ZL1FS NCO  
HF Net on Hiatus

10-10 Down Under Chapter Net:  
28.530 MHz 2230Z Fridays  
(1030 NZST Saturdays)

## Branch Contacts:

Gwynne Rowe, ZL1AAR  
(09)-528-1177

## Branch Examiners:

Steve Miller, ZL1FS  
021 0226-4981  
Wallace Bottomley, ZL1WAL  
(09) 575-6383

Wes Printz, ZL3TE  
027 227-7779

## Web Master:

Andrei Chatalov, ZL1TM  
[achatz@gmail.com](mailto:achatz@gmail.com)

## Librarian:

Gwynne Rowe, ZL1AAR  
(09)-528-1177

## Station Trustees:

George Marr, ZL1TUJ  
Wes Printz, ZL3TE

## Branch Technical Advisers:

Simon Watt-Wyness, ZL1SWW  
[sww@eagle.co.nz](mailto:sww@eagle.co.nz)



## SUBSCRIPTIONS

### ❖ Subscription Rates:

Regular ..... \$45 (discounted with a \$5.00 raffle ticket if paid by 31 Mar 2018)  
Youth Rate ..... \$20

- ❖ Post to PO Box 18003, Glen Innes, Auckland 1743, direct credit may be made into our bank account **12-3047-0076823-00** or pay the Treasurer or Secretary at the clubrooms.
- ❖ A pro rata rate is offered to a new member joining part way through the year. The financial year runs from 1 November 31 October
- ❖ Receipts will be distributed either in person at meetings or via mail/E-mail.
- ❖ Branch financial year currently runs from 1 November to 31 Octoberber.
- ❖ A current Membership Application / Renewal Form is required with all payments to assist with accurate record keeping. Available from the Secretary, or by download [http://www.qsl.net/zl1aa/br02\\_mem\\_form.pdf](http://www.qsl.net/zl1aa/br02_mem_form.pdf)
- ❖ All members' information is kept confidential unless approval is given for it to be released.

Newsletter material submissions are welcomed and appreciated by your editor. You may submit material in a variety of file formats: .TXT .DOC, or just plain old E-mail. Photos are accepted also. Please submit material via E-Mail to: ZL3TE @ dxer.com I will use what I can with the space available at the time of newsletter editing.

## From The Chair...

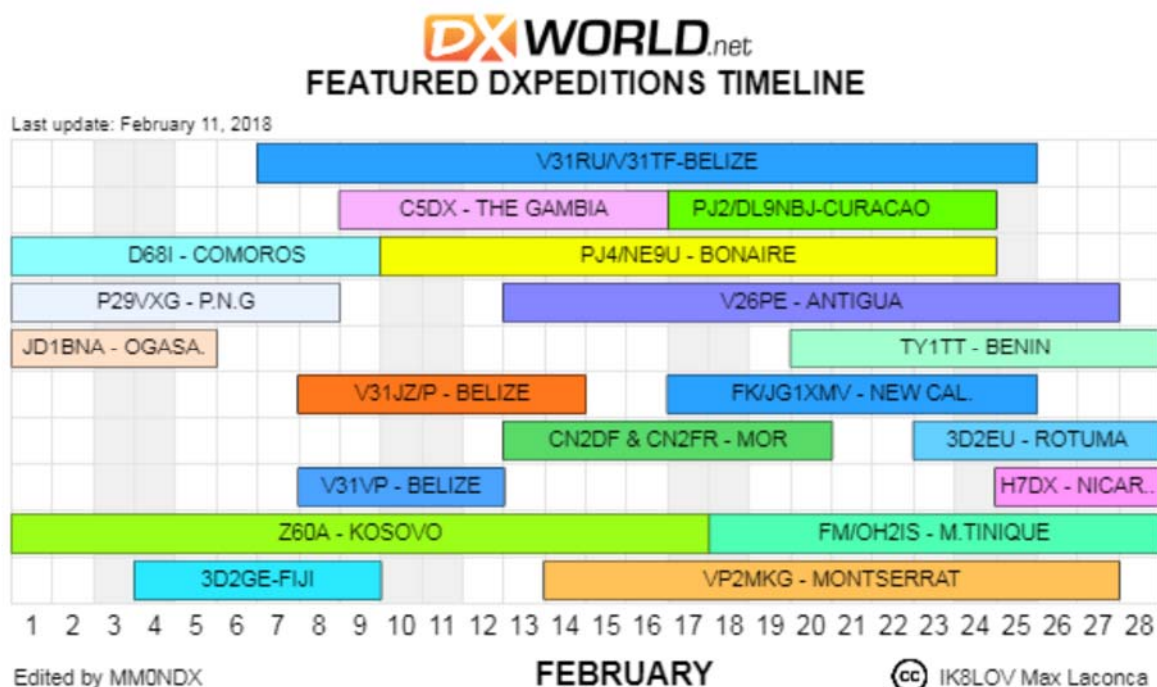
Welcome to another New year. I know, it's not so new now. So Far, 2018 has brought us some amazing goodies. A New DXCC, Kosovo, Z6, was added to the DXCC List on 21 Jan, bringing the current list to 331.

Closer to Home, NZART and RSM have negotiated Secondary use for ZL Hams on 60 M. A BIG vote of thanks goes to the 60M team, organized by Stuart Watchman, ZL2TW, Phil, ZL3PAH and Mark, ZL3AB. It is a good start, and you MUST sign a Sub License agreement with NZART before commencing operation. The First Sub Licenses were issued on 26 Jan, with another 19 including myself approved on 27 Jan. Thanks to Debby for the overtime on Saturday. Please see pages 7 and 8 for more information on 60M operation in ZL. The Licenses are for Individual persons ONLY, Club calls are Not Permitted.



It's that time again, JWFD. This Saturday we will brainstorm, and plan accordingly, as our 80M Loop area is currently by Bus Stop storage. Peter, ZL1XA and I have been working on Station Automation in the clubroom, to facilitate antenna switching.

73, Wes, ZL3TE



Looking for something to do on the weekend? Need to fill some more DXCC Challenge slots? work new Countries, work new modes? Why not operate a short while in a contest. There are several to choose from. More Information can be found here:

<http://www.contestcalendar.com/weeklycont.php>

### FEB 12-19

- ARRL School Club Roundup: Feb 12 - 16
- PODXS 070 Club Valentine Sprint: Feb 14
- ARRL Inter. DX Contest, CW: Feb 17 / 18
- Russian PSK WW Contest: Feb 17 / 18
- ARRAWA AM QSO Party: Feb 17 / 18
- Run for the Bacon QRP Contest: Feb 19

### FEB-20-27

- CQ 160-Meter Contest, SSB: Feb 23 - 25
- REF Contest, SSB: Feb 24 / 25
- **Jock White Field Day: Feb 24 / 25**
- UBA DX Contest, CW: Feb 24 / 25
- North American QSO Party, RTTY: Feb 24 / 25
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**Every Month: NZART Official Broadcast: 3900 kHz LSB last Sunday of month at 2000hrs and at 2100hrs. (Also broadcast on the National Link and available on the NZART Website).**

# Auckland Branch 02, NZART (Inc.)

## Minutes of February Committee Meeting

**Place / Date / Time:** Clubroom, Tuesday, 6<sup>th</sup> February (Waitangi Day) at 1930 hours

**Apologies:** Gwynne ZL1AAR

Sustained ZL1WAL / ZL1AJR

**Minutes:** of the previous Committee meeting on Tuesday 5<sup>th</sup> December 2017 was read.

Approved ZL1AJR / ZL1FS

### Correspondence:

Newsletters: Franklin, North Shore (by post); Western Suburbs; Auckland VHF Group; Papakura, Westlakes (by e-mail).

Branch reflector of Newsletters from North Canterbury, Hastings / Napier, Rotorua, Hamilton, Gisborne

Peter Driessen ZL1XA giving thanks for minding /servicing his car. He has donated a 2 x 8 antenna switch.

Follow up NZART asking for copy of Certificate of Public Liability Insurance

NZART asking for approval of change to our constitution

Andrei – re changes to Web page Directory; Membership Renewal form.

Napier ARC announcing "Hawkes Bay Hamfest" for 7<sup>th</sup> April at Napier Aero Club. Cost will be between \$15 and \$20.

Received and approved ZL1WAL / ZL1FS

**Finance:** Finance Report – Nov 2017 – 31<sup>st</sup> Jan 2018 was tabled.

Expenses for approval:

VHF Group	Donation	\$100
Musick Point Radio Soc.	Donation	\$150
Creditor - Ross Higgins	Lawns 2016-17	\$300 on account.

Approved ZL1WAL / ZL1AJR

Budget for 2018 aims to break even.

Adopted ZL1JJN / ZL1TGS

Remove Leith Jackson as signatory to the ASB Bank account.

Approved ZL3TE / ZL1WAL

Invoices will be sent to members to remind them to pay their Subs by 31 March, or they will be removed from the Active Roster, and E-mail List.

Approved ZL3TE / ZL1TGS

There are another 32 NZART Members who are attached to Auckland Branch. Our constitution 3 B (4) gives them the right to vote with the Branch on NZART remits / matters. Historically, they are unresponsive to invitations to participate in our voting at our general meeting in May about remits for our delegate to take to the NZART AGM. It is a thankless and costly exercise because we know only their postal addresses. Some 'phone numbers can be found by searching - in an effort to reach them. Until they join the Branch as financial Members, these people have no Branch privileges. They should not be given QSL cards sent to this Branch via the ZL1 Bureau, nor should they be sent newsletters. All such names will be purged from the Membership register.

Asset – Building. Since Auckland City have told City Rail Link that we own the clubroom building, Wallace will ask Richard Ward, Panuku Developments, to confirm that it is not on their asset register. This will enable us to insure it.

Approved ZL1JJN / ZL1AJR

### Reports:

**Maintenance outstanding:** Internal electric wiring; Front step replacement; Painting exterior west walls;

**Lawn mowing:** Ross Higgins, due to health, has ceased his business.

Jim ZL1TGS spent 4 hours last Saturday mowing (in the rain) what had become a hay paddock.

Steve and Wes have mown it in previous months. Steve is negotiating with Pony Club once they get another man.

### AREC:

Hunua Ranges bicycle race event was supported.

Japie needs an assistant for the Car Rally in Whangarei overnight on 5<sup>th</sup> and 6<sup>th</sup> May.

**QSL; Visitors;** Nothing to report

**Exams:** Sandipan Das, an ATI student, has enquired about getting a licence.

### Newsletter

JWFD, Antenna erection /testing. A brief lecture about "Contesting" is deemed necessary.

There will not be a "business" meeting.

Notice about Raffle deadline – end of March. Warning that Membership register is being purged.

### Web page:

Newsletters are being posted immediately they are distributed to Members

Updates have been made to the Directory

Contest results are posted – Pictures are wanted for 2014 onwards. Who has some?

Log search is run by Club log.

**Nets:** Thursdays 1930 hours VHF. More check-ins should occur from our 35 members.

### Remotely controlled station

The Policy document (without operating instructions) was approved in Dec 2017 and is ready to be issued.

Logan will be asked to amend the Welcome screen to invite overseas listening members to join the Branch according to our recent change in our constitution for this category of Member.

**Membership:** Purge register of those not having paid for 2 years? Stop newsletter to them after March 2018?

(Feb. Committee Meeting Minutes Continued on page 5)

**Library:** Wallace will forward Olivier with copies of other Branches' newsletter for archiving in the library. Some articles may be reproduced in our newsletter, the convention being that its source is acknowledged.

**Phone line:** Vodafone has been cancelled.

**Meter reading:** 50732.3

### Planning for JWFD

Wes is seeking helpers for 15<sup>th</sup> February (General Meeting day) to erect / test antennas.

He will be bringing his NVIS antenna that requires an area of 80' x 80'.

This will be a busy day.

### Antennas / Project plans:

Base of tri-band tower needs re-affixing – ideal weather just now.

Steve outlined the plan to lever the plinth up (100 mm) and slide it clear of the bolts so that a 400mm x 400mm base of 18mm steel can be inserted under it. Gwynne has plans for its template. Jim and Wallace will get quotes.

The guys are not regarded as sufficiently reliable to support the mast because ground anchors are suspect.

A 2 x 8 antenna switch has been installed at HF2. Wes has designed a remotely controlled system for it.

A vote of thanks was proposed for this donation by Peter ZL1XA.

Passed ZL1WAL / ZL1JJN

Antenna(s) for Yaesu FT736R at HF3 options are:

6 m dipole, extend the quad or Yagi and rotator on the Nally tower. There is enough cable for another run though the conduit.

The 60 m band cannot be used by the Branch. However Members can apply for a Sub Licence from NZART

See NZART Infoline. A dipole needs legs of 44' each side.

The tower at Murrays Bay is ready to be taken down; then transported later from this difficult site.

Another tower is available in East Tamaki, subject to Wallace inspecting its suitability / access

Concrete base for Satellite antenna to stabilize it. On hold, pending interest in using it for satellite transmissions.

### Future Events / entertainment / speakers

17<sup>th</sup> Feb: General meeting – Erecting / testing antennas. Brief lecture about "Contesting";

24<sup>th</sup> – 25<sup>th</sup> February. JWFD.

Suggestions for entertainers / speakers for general meetings 2018

SOTA expedition - Soren ZL1SKL to lead in March 2018

Digital modes demo

Richard Gamble, Dave Wilkins to make an AREC presentation

Intruder watch monitor - John Martin ZL1GWE - to be confirmed?

Musick Point Radio Society Branch - ARDF talk by ZL1WAL and event – not yet scheduled. Mapping has started.

ARDF Inter-branch Competition to be scheduled.

### Component sales:

The shelves are stacked with boxes. Their contents could be staged (on the back table) progressively.

Decide what to test / sell / dump / keep for lending to (new) Members at each Committee meeting.

Auckland VHF group run a trading table (see their revised newsletter and lists). Effort to do likewise is not supported.

Te Puke Sale 3<sup>rd</sup> March.

### Recommendations to incoming Committee:

Alarm/ surveillance: It is presently disconnected.

Fire extinguisher - to be checked / updated,

First aid – to be replenished where necessary,

Overseas Members – recruitment drive

Wallace write By-laws (being extracts from decisions recorded in the Minutes of previous meetings over 10 years).

Jim will review it.

The meeting closed at 2150 hours with supper provided by Ray ZL1AJR.



# Napier Amateur Radio Club 2018 Hawkes Bay Hamfest

**Date:** 7 April 2018  
**Venue:** Napier Aero Club, Watchman Road, (Napier Airport)  
**Cost:** \$15-\$20 for the whole day

## Programme

**0900 Opening and welcome**, NARC President Dave ZL2MQ.

**0910 Con Wassilief ZL2AFP**, Lower Frequencies (below 630KHz) 50 min.

**1000 Morning tea break**, coffee, biscuits 15 min.

**1015 Ray Harkness ZL2RAY**, Lightning, static discharge, bonding and earthing 45 min.

**1100 Don Wallace ZL2TLL**, NZART Admin Liason Officer, International Amateur Radio 30 min.

**1130 Dr Gary Hinson ZL2iFB**, Logbook of the World 30 min.

**1200 Dave Crook ZL2MQ**, NARC Club Project, a high performance SWR & Power meter 30 min.

**1230 Lunch Break**, selection of hot and cold finger food, fruit, coffee, tea 60 min.

**1330 Holger Hannemann ZL2IO**, Station automation 30 min.

**1400 Xenia Hanneman ZL4YL**, CW Skimmer operation 30 min.

**1430 Erroll Lilley ZL2IT**, Radio Experiments 30 min.

**1500 Dr Gary Hinson ZL2iFB**, FT8 digital mode 60 min.

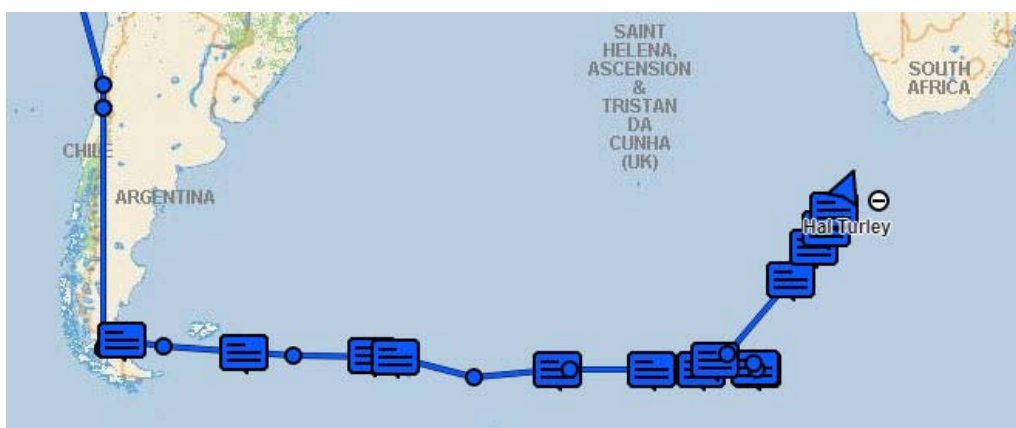
**1600 Social hour(s)**, bar opens.

**1800 Buffet dinner for those interested at the Napier RSA, numbers to be confirmed at 9 am intro.**

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## Bouvet, 3Y0Z Cancelled

February 3, 2018, 2000 UTC: During the last 72 hours, we continued to experience the high winds, low clouds, fog and rough seas that have prevented helicopter operations since our arrival at Bouvet. No improvement was predicted in the weather forecast for the next four days. Then, last night, an issue developed in one of the ship's engines.



This morning, the captain of the vessel declared it unsafe to continue with our project and aborted the DXpedition. We are now on our long voyage back to Punta Arenas. As you might imagine, the team is deeply disappointed, but safe. There is already talk about rescheduling the DXpedition,

Bob, K4UEE, Ralph, KØIR, Erling, LA6VM

<http://www.bouvetdx.org/>

## 60m (5Mhz) Band access trial

NZART is pleased to announce that it has negotiated with RSM and the NZ Defence Force to obtain a licence to allow limited operation by ZL amateur operators on 60m on a trial basis.

The purpose of the trial is for RSM, NZART and primary users to investigate the ability for the amateur radio operators to operate on the frequencies of operation on a secondary basis without causing interference to primary users.

As the licence is held by NZART and the GURL which covers amateur bands does not include 60m, those who wish to operate on the band must complete and sign a [sub-licence](#) form which sets out the terms of operation and return it to NZART.

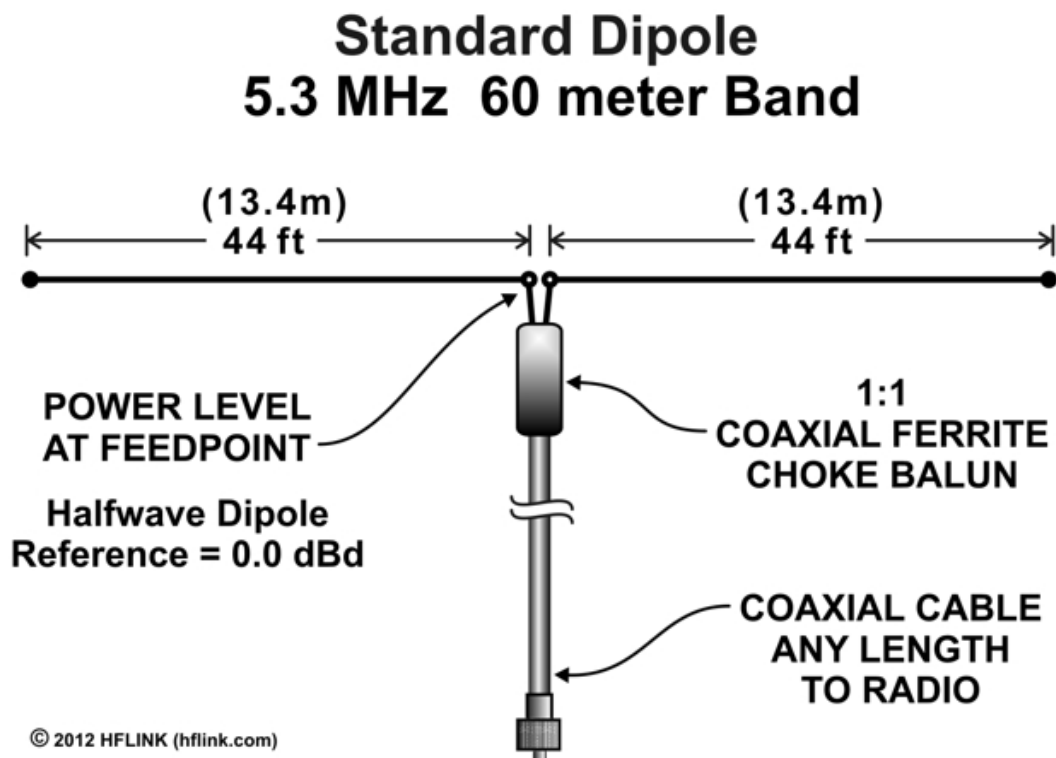
This is then to be scanned and emailed to Debby at NZART: [nzart@nzart.org.nz](mailto:nzart@nzart.org.nz). Please check that you fill out the entire form, including 'Schedule A' on the third page to avoid delays in processing.

Once she acknowledges receipt you can begin operation. Operation centres on 5353 kHz and 5362 - 5364 kHz with a maximum output of 10 dBW e.i.r.p.

Once you have this acknowledgement you will also have your Callsign and Name listed on the [sub-licence holders list](#) linked to the right.

There are some [FAQs](#) linked to the right which we strongly suggest you read before you start to ensure you stay within the rules.

We hope you enjoy these new privileges.



## NZART 60M Trial Update

NZART & the 60m team has been delighted with the uptake and support from the ZL amateur community.

The first few days of operation while obviously a new experience for everyone, has highlighted some areas that we need to address.

As you know we have access to two channels, 5353 kHz which is SSB only and 5362 kHz which is a mixture of CW, digimodes (less than 100 Hz in bandwidth) and SSB.

With regard to digimodes, the only modes that can be used must be less than 100 Hz in bandwidth (as negotiated with RSM). This so far has mainly meant JT9 and FT8 although any other mode less than 100 Hz wide is welcome (such as PSK-31). However to be clear this rules out JT65, and RTTY. Some EU stations have taken to trying to call us using JT65. Please do not respond and they will eventually get the message (or post on the DX cluster telling them that).

In terms of 5362 kHz it has become clear that DX operation is possible in the hours before and after sunrise and sunset. This has been predominantly using FT8, JT9 and CW. EU has the ability to call us on 5362 kHz, the US does not. Some US stations have tried to work us split by transmitting on 5357 kHz. In this instance you need to be careful in going split to make sure you are transmitting on 5362 kHz (there has been the odd occasion where this has not happened).

Because of the mixture of modes allowed, it has also become clear we need to further regulate how 5362 kHz is being used as it has been very busy and certain modes are more effective than others at certain times. Accordingly to ensure this frequency is used in an orderly fashion and taking into account the DX windows, we are proposing the following bandplan:

5362.05 kHz - 5362.75 kHz CW  
5362.8 kHz - 5364.75 kHz digital modes (less 100 Hz bandwidth)  
5362 kHz SSB (USB)\*

\*During the periods between 0500 -1200 UTC & 1600 - 2200 UTC SSB is NOT to be used. If you wish to use SSB during these times the 5353 kHz channel is still available.

Please note:

1. If DX stations call outside of this plan we ask that you do not call them on their frequency but stay within the plan above.
2. PLEASE listen (or watch your waterfall) carefully before you transmit. If the frequency is in use then moderate your behaviour accordingly. If for example SSB is being used on 5362 kHz outside the DX period then do not use CW or digimodes until the channel is clear. Likewise if CW or FT8 is being used then do not use SSB until the frequency is clear.
3. We would encourage digimode operators to use all of their allocation rather than congregating below "2000" on their waterfalls.

NZART is working with RSM on obtaining a further 60m allocation which we hope will alleviate some of the congestion on 5362 kHz. We will advise further as negotiations progress.

73,  
Mark Sullivan, ZL3AB

**5 MHz**  
**NEW**