

	<b>QST63</b> WWW.ZL2VH.ORG.NZ	Branch 63 Clubrooms Park Street, Upper Hutt  204 Plateau Road Te Marua Upper Hutt 5018	
Newsletter of The New Zealand Association of Radio Transmitters, Upper Hutt Branch 63, Inc.			

## ZL2VH Newsletter – December 2023

### President's Report

It's that time of the year where the shops try to flog off their old tat and radio stations play Snoopy's Christmas a million times a day.

News from John ZL2TWS regarding the future of the 23cm band is at <https://www.iau.org/recommendation-on-ai-9-1b-approved-at-wrc-23/>

*(See item from ZL2UFI below – Ed.)*

Our "flatmates" (GNS) at our repeater site have moved out and have given the club their pole, battery box and cabling.



This will allow us to remove the old 10GHz beacon pole as it is now beyond its safe usable life. The battery box seen in the foreground will enable us to install more batteries so the 6m 395 repeater can have battery backup and provide 12v power for the wi-fi link and SDR.

The last meeting of the year took place at Ammu Indian restaurant in Upper Hutt Friday 15<sup>th</sup> Dec and the first meeting next year will be held in the clubrooms on Friday 12<sup>th</sup> Jan.

In the New Year the Jock White Field Day is in late Feb so save the date and we will find a location to join in from.

**73**

**Mike ZL2NSA**

### **Repeater Report December 2023**

With the recent bad weather one of the wi-fi/beacon pole's support wires snapped. The pole installation is badly rusted and needs to be restored or removed. However, with perfect timing, GNS has vacated the south hut at Climie, gifting the club a pole with outriggers, which we can use to move the beacon and wi-fi link. GNS also left their battery box with some very dead batteries which we can re-cycle.

At the December WRC-23 conference a draft 23cm band plan was recommended, which if/when adopted in NZ will mean the end of the Climie 23cm repeater. At this stage it's unknown what NZ will do – there is a high power radar on 1240 MHz in Wellington, which will have to be moved and given the speed at which things happen this could take years.

The list of things to do at Climie keeps growing:-

- Move 3cm Beacon to vacated GNS pole
- Move Wi-fi link to GNS pole
- Remove old wifi link/ beacon pole
- Reinstall South Hut 12v psu with additional mains filtering
- Install lightning suppressors in both huts + earth stakes at the south hut
- 860 Antenna work ?
- SDR long wire maintenance – rework wire terminations.

## Status Updates

Climie KiwiDR	On Air We have obtained a 1U rack which will be used to mount the Kiwi-SDR and possibly a second SDR.
10m Beacon	On Air.
3cm Beacon	On Air.
1292 23cm	On Air.
DSTAR 5425,860	On Air.
730	On Air.
395 6M	On Air.

## From Mark ZL2UFI

### WRC-23 Reaches Acceptable Conclusion on 23-centimeter Issue

The International Telecommunication Union (ITU) World Radiocommunication Conference 2023 (WRC-23) continues through December 15, 2023, in Dubai, United Arab Emirates (UAE).

The International Amateur Radio Union (IARU)'s primary effort focused on Agenda Item 9.1 topic b to address amateur use of the 23-centimeter band and co-frequency use by several radionavigation satellite service (RNSS) systems in the 1240 - 1300 MHz band.

IARU's work that began 4 years ago with a preparatory study in the ITU Radiocommunication Sector (ITU-R) to address this agenda item has finally come to a close. Our concerted engagement in the ITU-R working parties, study groups, and WRC preparatory meetings ensured that the amateur services were properly represented during the development of

two published ITU-R reports: M.2513 and M.2532. An ITU-R Recommendation, M.2164, followed these, which formed the basis for the discussions at WRC-23.

During the WRC-23 deliberations, strong positions were expressed by all parties involved.

The result is a well-supported compromise for a footnote in the Radio Regulations regarding amateur and amateur satellite service operation in the 1240 -1300 MHz range. The footnote reminds administrations and amateurs of the need to protect the primary RNSS from interference, and it provides guidance for administrations to allow both services to continue to operate in this portion of the spectrum.

Administrations are the bodies that govern amateur radio in their respective countries, such as the Federal Communications Commission (FCC) in the United States.

The Conference Plenary compromise was formally adopted on December 8 and is not subject to further consideration during the final week of WRC-23. The IARU team continues its work on other WRC issues, including developing agendas for future conferences.

IARU President Tim Ellam, VE6SH, noted, "This is a very good result for the amateur services. The decision reached at WRC-23 on this agenda item makes no change to the table of allocations nor incorporates by reference M.2164 into the Radio Regulations. The addition of a footnote that provides guidance to administrations in the event of interference to the RNSS is a good regulatory outcome for amateurs and the primary users of this band."

The WRC also agreed to suppress Resolution 774, which closes the issue and satisfies the agenda item.



We are always looking for articles to fill the pages of newsletter. Please forward anything, no matter how large or small, to the editor - Eric ZL2SET – [ericwilby@gmail.com](mailto:ericwilby@gmail.com).

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