



NZART HQ INFOLINE ISSUE # 476

From HQ:

Kia ora koutou! (Hello everyone)

As most of you know, Debby has had her knee operated on...finally!!!

She is healing very well, however resting and sitting has never been Debby's strong points. I will keep you updated on her progress.

As Debby will be off work for a while, I will be taking over the InfoLine for the next few issues, which I am looking forward to maintaining voluntarily to provide current affairs to you all.

Call to action!!!

I see we are a little thin on content once again.

Please send in local events happening around you, so we can recognise the great work you are all doing in the amateur radio community.

A picture with a few words is more than enough, I can jazz it up for you. Each issue will have a theme. This issue is based on world war radio communications. I hope you all find it interesting. If you have a theme you would like me to create for an issue, please email me, admin@arec.nz.

Mauri ora (Best wishes)

Annalise Mokalei-Smith

AREC Administrator and Marketing Coordinator

Situations Vacant – Expression of Interest

NZART HQ Office Administration Vacancy

This new role is to provide replacement cover for the Business Manager/General Secretary from time to time, to cover for extended annual leave periods, sickness or other support as required.

The role is the same as that of the Business Manager/General Secretary but will exclude the role of NZART's Approved Radio Examiner (NZART ARX). This role will be undertaken by other members of NZART.

The purpose of this is for the employee to remain current with the day-to-day running of NZART HQ.

The role is that of a casual employee and is not a full-time role. It is expected that after a period of training working alongside the current Business Manager, the successful candidate will work a minimum of 10 hours per week, from the office of NZART.

If you wish to apply for this position, please forward a resume to Debby nzart@nzart.org.nz

World war radio communications



Radio relay, born of the necessity for mobility, became the outstanding communication development of World War II. Sets employing frequency modulation, and carrier techniques were developed and used, as were also radio relay sets that used radar pulse transmission and reception techniques and multiplex time-division methods for obtaining many voice channels from one radio carrier.



When World War II began, the radio stations run by New Zealand's Post and Telegraph Department immediately took up their planned signals intelligence (SIGINT) roles. The station at Awarua (south of Invercargill) commenced high frequency direction finding (HF DF)1, as did another HF DF station at Musick Point (on Bucklands Beach peninsula near Auckland)

The radio pictured below is a British Government Miniature Communications Receiver, Mark 1 (MCR1). These radios were known as 'biscuit tin' receivers as they were small enough to be hidden inside biscuit tins. In the Second World War, they were parachuted onto the front to support resistance fighters in Europe whose civilian radios had been confiscated by the German army.



Receiver and tuning coil unit for 'Biscuit Tin' radio, 1943



The 'biscuit tin' receiver was developed in 1943. By 1945, 30,000 of them had been made. The radios could be used to listen to some public broadcasts from BBC London where obscure 'personal messages' would be transmitted; while they made little sense to the average listener, these notes were used as coded communication to resistance fighters in Europe.

Next Issue of HQ InfoLine

The next InfoLine is due out Sunday 16th July 2023. If you would like to share any events or report on any upcoming activities, please send these through to nzart@nzart.org.nz.

The Next Official Broadcast will be held 30 July 2023 Sunday 2023.

Nga mihi nui. (Kind regards)

Debby

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