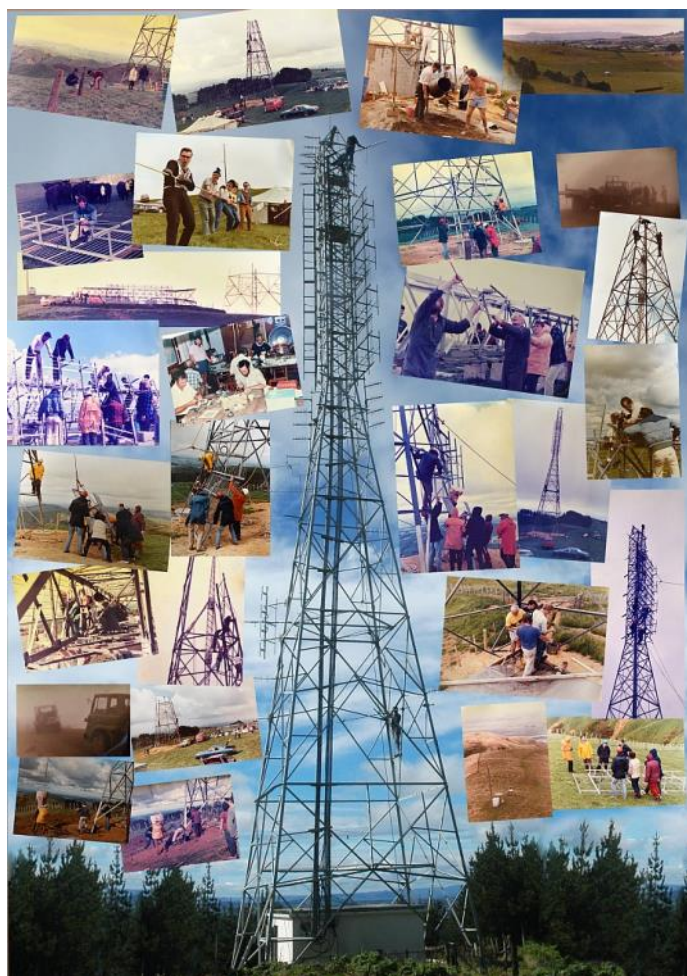


**The Official Newsletter of the  
Auckland VHF Group Inc.**

**Spectrum**



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**The new Spectrum Editor—page 6**



# Auckland VHF Group Inc.

## Branch 66 NZART

PO Box 10138, Dominion Rd, Auckland 1446  
Clubrooms: 30 Hazel Ave, Mt Roskill

Office	Name	Call sign	Work / Mobile	E-mail
President	Currently Vacant			president@aucklandvhf.org
Vice President	Philip Sharp	ZL1PSH	027 2030 428	vicepresident@aucklandvhf.org
Secretary	Currently Vacant			secretary@aucklandvhf.org
Treasurer	George Raffles	ZL1TUX	021 735 361	treasurer@aucklandvhf.org
Committee	Darryl Grange	ZL1TCI	021 123 7733	darryl@aucklandvhf.org
	George Marr	ZL1TUJ	0274 309 438	
	Jim Logan	ZL1DI	021 331 747	
AREC Group Leader	Matthew King	ZL1YOT	022 649 3310	matting@gmail.com
Deputy Group Leader	Currently Vacant			
ZL1BQ Trustee	Vaughan Henderson	ZL1VH	021 844 804	zl1bq@aucklandvhf.org
Head Repeater Trustee	Vaughan Henderson	ZL1VH	021 844 804	repeatertrustee@aucklandvhf.org
Klondyke Manager	Vaughan Henderson	ZL1VH	021 844 804	6625@aucklandvhf.org
670 Manager	Vaughan Henderson	ZL1VH	021 844 804	670@aucklandvhf.org
690 Manager	Dennis Seymour	ZL1UET	09 278 0381	690@aucklandvhf.org
850 Manager	Vaughan Henderson	ZL1VH	021 844 804	850@aucklandvhf.org
Spectrum Editor	Mark Howie	ZL1UMK	022 047 3240	spectrum@aucklandvhf.org
Trading Table	Currently Vacant			tradingtable@aucklandvhf.org
Account Reviewer	Basil Orr	ZL1TOW	021 867 367	
ZL1VHD Dstar gateway administrator:	Laurie	ZL1ICU	634 5130 0274 817463	perma@xtra.co.nz
ZL1VHD Dstar gateway registration URL :			<a href="http://zl1vhd.dstar.org.nz">http://zl1vhd.dstar.org.nz</a>	
Webmaster	Terry Corin	ZL1BPA	027 697 4686	webmaster@aucklandvhf.org
Club Web Page:			<a href="http://aucklandvhf.org">http://aucklandvhf.org</a>	

### Club News and Net:

The combined Auckland VHF Group and Auckland Regional Branch News and Net are held on 146.625 MHz and 439.875 MHz at 8.15 pm each Sunday or after the ZL6A National Broadcast on the last Sunday of the month.

Club meetings are held at the Clubrooms at Hazel Avenue, on the second Monday of each month at 7.30 pm. For other details, listen to the News and Net each Sunday evening.

**SPECTRUM** is the official journal of the Auckland VHF Group Inc. Opinions expressed are those of the authors and do not necessarily reflect club points of view. The closing date for SPECTRUM articles is by the 1st of each month. Articles to be submitted to the editor Mark ZL1UMK  
**spectrum@aucklandvhf.org**

## Auckland VHF Group (Inc) Branch 66

The next Auckland VHF Group General Meeting would normally  
be held on

Monday 13 February

At the Clubrooms, 30 Hazel Avenue at 7:30 pm

However, the predicted poor weather means our scheduled  
Speaker, Andy Brill - ZL1COP; who was planning to talk about the  
Technical Aspects of AREC, will be un-available due to  
AREC commitments.

Also due to the predicted weather, the meeting may be  
cancelled.

An email notifying whether the meeting will or won't happen will be  
sent out late on Sunday.

At the May 2022 Committee Meeting it was determined that  
"The wearing of Face Masks at our General Meetings is now optional"

### Coming Events:

- Sat & Sun 11 & 12 Feb 2023 Field Day Contest - All Bands 6m and up.
- Thu 16 February 2023 AREC Auckland area quarterly meeting at Hazel Ave

## Auckland VHF Group Vice-President's Column

Philip Sharp — ZL1PSH



### January 24 Committee Meeting

The Branch 66 committee met on January 24 and covered many agenda items in the two hours. Below are some salient points from the meeting.

The committee reviewed the application by Graham Wilson ZL1CE to join Branch 66 and voted unanimously to recommend to the next general meeting that Graham's application be accepted.

The committee decided not to have a stand at any junk sales in 2023 except possibly for local junk sales. The profit the branch makes from junk sales has dwindled over the last few years and it is now difficult to justify the cost and time of attending most junk sales.

The Trading Table will be advertised more.

The branch is short of net controllers for the Sunday Night News and Net. If you would like to be a net controller for even just one night, please email a member of the committee.

### Stepping down

When I commenced the position of vice-president at last year's AGM, I assumed there would be a president and a secretary. My assumption was incorrect and I have been serving the three roles of president, vice-president and secretary. I said at the committee meeting on January 24 that I would continue in this triple role until the next AGM. An increase in my family commitments means I will be stepping down from the three roles at the end of March.

## **Lack of volunteers**

As illustrated by the lack of president, secretary and net controllers, the branch is having difficulty getting people to assume the volunteer roles required to run the branch and its activities. This lack of volunteers is not peculiar to Branch 66 and not even peculiar to amateur radio.

I have discussed the reasons for the lack of volunteers with hams outside the club. The reasons given include the following

Some roles are time consuming. Many hams would rather devote their time to on-the-air activities, homebrewing and related activities, and not to serving as a volunteer for the branch.

Some roles such as the officers of a branch require the officers to assume more legal responsibility than in the past. Many hams are not prepared to assume this increased responsibility.

Some administrative processes are out of date, even antiquated. Such processes do not find favour with many hams.

(This reason is not independent of the three reasons listed above). There is too much emphasis on process and not enough on actions and results. Most hams prefer participating in activities such on-the-air activities and homebrewing and not attending meetings, writing reports and minutes, and completing forms.

Given the above reasons and the lack of volunteers, I recommend Branch 66 reduce the time required for each volunteer role, and modernize and simplify its processes.

Below are some changes the branch could make.

Hold the business part of the general meetings every second meeting and not every meeting. This change would reduce the workload of the president, treasurer and secretary. In addition, a smaller portion of members' time will be spent attending meetings. The justification for the change is that members of the branch do not need to be updated on the business of the club every month.

Replace the agenda for each meeting by draft minutes. This draft is then corrected during the meeting. Branch 02 (Auckland) and Branch 10 (Franklin) use this approach, as does the North West Orienteering Club in Auckland. This way of writing the minutes reduces the secretary's workload and can lead to people who have agenda items being better prepared.

Currently, the club has no time limit for committee meetings and business meetings. My recommendation is to introduce a time limit of one hour for committee meetings and 20 minutes for business meetings. These time limits will reduce the amount of time members spend attending meetings.

# Introducing the New Spectrum Editor

Mark Howie — ZL1UMK



My recent passport photo

My name is Mark Howie, ZL1UMK. I have recently taken over as the editor of Spectrum.

I thought it might be helpful to introduce myself.

I got my ham license in October 2002. This was largely at the suggestion of my brother-in-law Brian Wilson, ZL1UXB.

I believe we both attended a Ham Study Course held at Branch 29.

At the time I was living at Snell's Beach, north of Auckland.

My early mentors were Mike Ryan, ZL2MR; & Irving Spackman ZL1AB (if I recall his call-sign correctly).

Both Mike & Irving were leading members of the Rodney Amateur Radio Club – Branch 71. After I moved on from Snell's Beach I lost touch with both Mike and Irving, and I suspect both are now Silent Keys.

As a club we were connected with the then, Rodney District Council in the AREC, Emergency Communications Role. I believe I attended at least one AREC training course.

Around this time I was also briefly involved with the local Coastguard unit, and studied and passed the Restricted Radiotelephone Operator's Certificate ( Marine VHF ).

One of the first radios I used was a Yaesu (Vertex Standard) VX-150 handheld, lent to me by Brian ZL1UXB. I also have an Icom 720A HF rig, which is now in storage, but I don't believe I have ever used it. I also have an Icom 228H (Mobile 2m), which was installed in my car for a number of

years. I recall using it via the Klondyke (146.625 MHz) repeater to talk from St Heliers to Brian ZL1UXB, who was working in central Hamilton.

More recently I bought a second-hand Yaesu FT-60 (Handheld 2m\70cm) from eBay from the USA, and appreciated it's ability to also receive the VHF Aviation band.

I also have a Kenwood TM-721A (Mobile 2m\70cm) which I have used a little in my car.

I also have two Baofeng UV-82s (Handheld 2m\70cm) which I lent briefly to my nephews JohnHenry Wilson (ZL1JHW) and Peter Wilson (ZL1SPG). My nephew Samuel Wilson also has a ham license. (ZL2RDX).

I have also used CHIRP to programmed Brian's Kenwood THG-71.

Very recently I bought a TYT MD-390 (Handheld DMR VHF\UHF). I'm currently learning to configure it and to connect with it.

I am not a frequent user of my radios.

In 1981 I began studying at ATI towards NZCE Telecom. One of my classmates was Simon Watt-Wyness (ZL1SWW). Although I suspect he may not remember me.

I have worked in a number of technology roles. From about 1982 to 1985, I worked in the mail-order department of Dick Smith Electronics. From 1985 to 1996 I worked as a Video Editor for TVNZ in Auckland. In 1996 I moved to Snell's Beach to work as a Video Editor for Family Television Network (FTN) a local television station. I left FTN in about 2003, and moved back to Auckland. I worked for Vending Direct, initially assembling a locally made (Retro) machine. In 2006 with the introduction of the new coins, I was involved in programming coin recognition mechanisms (coin mechs), used in vending machines. Next, I did a couple of study courses on Computers, and have Microsoft Office 2007 and Server 2003 certifications. In about 2010 I joined Insite Technology (a division of Renaissance), working assembling Laptops, Desktops, All-in-one computers and Servers. The highlight was building an Intel Modular Server.

In 2012 I worked briefly in the Telstra Clear Call Centre dealing with ADSL Broadband, Landline, Mobile and Fibre delivered Cable Television, queries.

I have also worked as a contract computer technician; doing user support at the Fonterra Head Office, and desktop computer replacement projects for the Fire Service, QV, and WINZ. I also did a project replacing Point of Sale computers in numerous Countdown supermarkets from the Bay of Islands to Dunedin.

More recently I worked for Vending Direct, refurbishing and configuring Vending Machines.

I have just begun a new position as a Technician for GVC, working at Auckland Airport. This involves fibre and copper patching, and likely a VOIP phone rollout project.

I was elected onto the committee of Branch 66 at the end of 2020, giving up the role to take on the position of Spectrum Editor, late last year.

My favourite amateur related activity, is using CHIRP or similar to programme radios.

Outside of Ham radio I enjoy messing about with computers. I have quite a number of TradeMe sourced Servers, Network Switches and related gear. I also enjoy reading for pleasure.

I also am an active member of the C3 church at Ellerslie.



## **VHF Group Subscriptions are now due for 2022-2023 year.**

Subscriptions are now being accepted for the 2022-2023 year, 1 July 2022 to 30 June 2023.

This coincides with the change of the financial year to ending 30 June 2023.

The change is intended to give sufficient time to get the accounts sorted and reviewed before the AGM in November 2023. Invoices will be sent out in May to all members who have not renewed by that time.

### **Note on Subscriptions**

- a. There is an increase for the 2022-2023 subscription year.
- b. All yearly subscriptions terminate on 30<sup>th</sup> June each year. To keep your membership active, we need to receive your subscription renewal by that date.

Subscription Type	Subscription Price
Ordinary Members (Full)	\$65.00
Associate Members	\$55.00
Family Members	\$25.00

For Family Members, one person needs to be an Ordinary Member, and then each additional family person then becomes a family member.



**Amateur Radio Emergency  
Communication.  
Volunteers in radio communications.  
Using our resources to help the  
community.**



### **INFORMATION**

The Auckland VHF Group has an AREC Group that works closely with Auckland Council Emergency Management. They provide advice, resources and manpower to assist in times of need.

The AREC section is headed by Group Leader Matthew King ZL1YOT.

From time to time the VHF Group has training sessions and exercises. Members also assist with sports events, parades and other community activities. For further information about AREC please see the NZART web site: <http://www.nzart.org.nz/arec/>

### **JOIN BRANCH 66 AREC**

All members of the Auckland VHF Group are encouraged to join the AREC section. Your contribution, large or small is appreciated by all involved.

For further information about joining Branch 66 AREC contact the Group Leader:

Matthew King ZL1YOT

022-6493310

[mattking@gmail.com](mailto:mattking@gmail.com)

The Deputy Leader position is currently vacant

\*\*\*\*\*

### **AREC News**

**Auckland Area AREC quarterly meeting**

**Thursday 16th February 2023**

**at**

**Branch 66**

**30 Hazel Ave**



## AUCKLAND VHF GROUP (INC)

SUPPORT THE EFFORTS OF THE VHF GROUP THROUGH YOUR  
SUBSCRIPTION

### SUBSCRIPTIONS FOR 2022-2023

THE SUBS GO TOWARDS;

- Maintenance and on-going improvements to beacons, repeaters and linking systems for the national system, including the Klondyke repeater site.
- Providing on-time and free access to spectrum magazine as soon as it is available.
- Providing facilities for good speakers and lecturers at our general meetings.
- Discounted access to our trading table goodies.
- Access to test equipment and technical help when needed.

FULL MEMBERSHIP **\$65.00**

ASSOCIATE MEMBERSHIP **\$55.00**

FAMILY MEMBERSHIP ADDITIONAL **\$25:00**

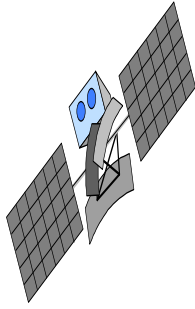
***SEE ATTACHED MEMBERSHIP RENEWAL FORM (next page)***

**REMEMBER TO KEEP US INFORMED OF YOUR**

**EMAIL ADDRESS!**

**OTHERWISE WE CANNOT SEND YOU SPECTRUM!**





# AUCKLAND VHF GROUP INC.

P O Box 10138, Dominion Rd, Auckland 1446,  
 30 Hazel Avenue, Mount Roskill, Auckland,  
 Email: [treasurer@aucklandvhf.org](mailto:treasurer@aucklandvhf.org)  
 Web: <http://www.aucklandvhf.org>  
 NEW ZEALAND



				Date Form Completed			
Mr/Mrs/Miss/Ms		Forename			Surname		
	Address1				Phone: (home)		
	Address2			NZ Post Code	Phone: (work)		
	Town/City				Phone (Mobile)		
	Email				Phone (Cell)		
Occupation:				Callsign:			
NZART Member	Yes / No	Branch assigned					
AREC Member	Yes / No	Branch assigned					
Family Member 1	(Name)		(Call)	(Email)		(Mobile #)	
Family Member 2	(Name)		(Call)	(Email)		(Mobile #)	
Family Member 3	(Name)		(Call)	(Email)		(Mobile #)	
New/Renewal/Change	Membership Category				To pay		
	Ordinary (Full)				\$60.00	\$	
	Associate				\$55.00	\$	
Family (per member after 1 full member registered at same address)				\$25.00	\$		
Donations	Klondyke Refurbishment					\$	
	Repeater Maintenance					\$	
	Data/D-Star					\$	
	Beacon/Repeater/Links Licences					\$	
	General Club Donation / Other					\$	
				Total		\$	
Payment (Mark One →)				Cash <input type="checkbox"/>	Internet deposit <input type="checkbox"/>		
If require Invoice / Receipt <i>Please Advise Treasurer</i>				Other: <input type="checkbox"/>			
Internet	Account <b>ASB 12-3011-0830580-00</b> . Account Name: <b>Auckland VHF Group Inc.</b> Include your <b>Name/Callsign</b> for track. Note: this form needs to be sent to us to update our records. Email to: <a href="mailto:treasurer@aucklandvhf.org">treasurer@aucklandvhf.org</a> . (Especially if Contact information has changed)						
Post	The Treasurer, Auckland VHF Group Inc. PO Box 10138, Dominion Road, Auckland 1446.						
In Person	Bring this form and payment to the next club meeting, 2 <sup>nd</sup> Monday of the month or to the Committee meeting the 4 <sup>th</sup> Monday of the month.						
Privacy	Unsubscribe from Email Notifications <input type="checkbox"/>			Do Not disclose contact Information <input type="checkbox"/>			
	Unsubscribe from Google Groups <input type="checkbox"/>						

Club use only: <input type="checkbox"/>	Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>
Sponsored by*	Sponsor's Callsign*	
*New members only.	Date:	

The information requested is for membership records required to be maintained under the Incorporated Societies Act and having due regard to the provisions of the Privacy Act

## ***The Auckland VHF Group Inc Branch 66 NZART***

*gratefully acknowledges the sponsorship of Branch 66 Beacons, Repeaters and Fixed Links license fees and the Group's repeater operations by the following radio amateurs and NZART Branches for 2022-2023*

<b>53.725</b>	<b>Repeater</b>	Klondyke Road	<b>Gwynne Rowe</b>	<b>ZL1AAR</b>	<b>\$50.00</b>
<b>144.253</b>	<b>Beacon</b>	Nihotupu (Testing Clubrooms)	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>145.625</b>	<b>Data Rptr</b>	Klondyke Road	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>145.650</b>	<b>D-Star Rptr</b>	Klondyke Road	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>146.625</b>	<b>Repeater</b>	Klondyke Road	<b>David Wilkins</b>	<b>ZL1MR</b>	<b>\$50.00</b>
<b>146.700</b>	<b>Repeater</b>	Ruaotuwheua	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>146.900</b>	<b>Repeater</b>	Mt Puketutu Radio	<b>David Wilkins</b>	<b>ZL1MR</b>	<b>\$50.00</b>
<b>432.253</b>	<b>Beacon</b>	Nihotupu (Testing Clubrooms)	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>438.175</b>	<b>D-Star Repeater</b>	Klondyke Road	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>438.500</b>	<b>Repeater</b>	North Head	<b>Franklin Branch</b>	<b>ZL1SA</b>	<b>\$50.00</b>
<b>439.850</b>	<b>Link TX to Kaimai</b>	Klondyke Road	<b>George Marr</b>	<b>ZL1TUJ</b>	<b>\$50.00</b>
<b>439.875</b>	<b>Ak Nat System Rptr</b>	Klondyke Road	<b>Soren Low</b>	<b>ZL1SKL</b>	<b>\$50.00</b>
<b>439.900</b>	<b>Link TX to Egmont</b>	Klondyke Road	<b>Franklin Branch</b>	<b>ZL1SA</b>	<b>\$50.00</b>
<b>439.950</b>	<b>Link TX to Brenderwyn</b>	Klondyke Road	<b>Terry Corin</b>	<b>ZL1BPA</b>	<b>\$50.00</b>
<b>1291.900</b>	<b>Repeater</b>	217 Glenfield Rd	<b>Franklin Branch</b>	<b>ZL1SA</b>	<b>\$50.00</b>
<b>439.700</b>	<b>DMR Repeater (Waitakere's)</b>	Quinns Rd	<b>Franklin Branch</b>	<b>ZL1SA</b>	<b>\$50.00</b>
					<b>\$800.00</b>

## Klondyke Tower Donations towards Maintenance

<b>Name</b>	<b>Donation</b>
<b>Donations 2018 - 2021</b>	<b>\$9734.00</b>

### Donations 2022 –2023

George Marr	ZL1TUJ	\$100.00
Dave Dingley	ZL1TIA	\$205.00
Estate Ian Sexton	ZL1PZ	\$950.00
Estate Tony Babish	ZL1ATE	\$500.00
John Sexton	ZL1AQS	\$750.00

<b>2022 –23 Year to Date</b>	<b>\$2505.00</b>
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<b>Total</b>	<b>\$12,329.00</b>
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<b>Percent of Goal</b>	<b>12.03 %</b>
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**Target 100,000**

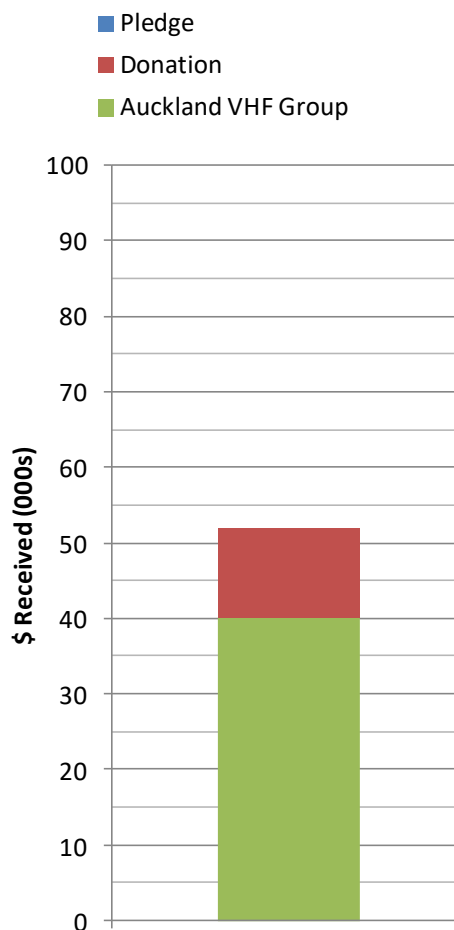
Tower	63,245.00	Other	27268.25
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GST	9,486.75
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Total	72,731.75	Total	27,268.25
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Auckland VHF Group	40,000.00	40.00
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### Klondyke Funding



## TRADING TABLE

Currently our Trading Table is only open on meeting nights.

**NEW** – Printed Circuit Board. Thanks to a generous donation from N.Z.'s last circuit board production company (now closed down), we have a large quantity of single sided fibreglass printed circuit board material in sizes ranging from 1200 x 600 down to smaller pieces. There's some double sided board as well. Come along to our May meeting if you want some – prices can be negotiated!

**NEW** – RG58C/U 50 Ohm Coaxial Cable. Thanks to a bulk purchase we are able to offer this good quality coax at a competitive price. The cable has tinned centre conductor and screen braid making it resistant to long term corrosion. The price is \$2.00 per metre with a discount for purchases of 20m or more. See Vaughan ZL1VH on meeting nights to get this quality coax cable.

The Trading Table is now on line. Navigate your way to our new look web site at <https://aucklandvhf.org/> and click on TRADING TABLE (the most right hand tab).

Wait a few seconds and the on-line version of the Trading Table will pop up. From here you can browse the various sections, dig deeper to look at what's available and even place your order online.

If you prefer to just look at the Trading Table List, just hover your mouse pointer over the TRADING TABLE and a pull down list will appear. From this you can access the full trading Table list and download it in .PDF form.

We also have heaps of parts from dismantled commercial analog TV gear – transmitters, filters, circulators, patch panels, power supplies. Too much to list individually, so come along to the clubrooms and have a look.

