



PELICAN DROPPINGS



Volume 2022 Issue 1 March

REPEATER STATUS

Operational

146.850 Maleny

146.825 Noosa

146.975 Black Mountain*

438.075 Maleny

*Black Mountain not in WIA
Repeater List – being fixed

Non-Operational

53.7MHz 6M – waiting on new
equipment

1273.3MHz 23cm – needs a new
home



be using the premises more, which is why you will see monthly weekend activity this year at the club. Our first weekend activity happens as I write this, with the club supporting but not participating in the John Moyle Memorial Field Day. Next month we will have a member “fix my radio” event in conjunction with an open house, while May 29 we have penciled in a car boot sale at the club which will be our first fundraising exercise for the year.

FROM THE PRESIDENTS DESK

After what can only be described as an unusual two years, dealing with a pandemic and natural disasters, it's good to see things slowly getting back to a new normal. The club has withstood the test of time over that period, despite some challenges, thanks to the management in place, and once again I would like to thank those who stepped up during this time. Being voluntary, the management committee position it's not an easy job.

As I mentioned on the night of the AGM, while the club is on solid foundations thanks to the work of committee's past, there is much work to be done. I would like to go through some of the plans we have in place both in the immediate & long-term future.

Property/Operations.

The Council will be inspecting the club house in late June, so we do have some time to continue the clean up that has begun. Its important that all attendees to the premises always sign in, so we have a record of who is onsite at any given time.

Our clubhouse is owned by the Department of Main Roads who have ceded daily oversight to the Sunshine Coast Council. As a result, it has taken awhile for us to gain access to the necessary departments/people to progress requests. With the purpose of the inspection to ascertain the buildings needs and condition, it won't be possible to make significant changes to the building beforehand, nor prudent, as such changes may well be funded by the council.

One of those changes is to get the floor replaced in the main meeting room, and samples of the carpet squares are at the club for inspection. We will also look at some portable desks for constructors to work on Thursday nights.

Long term, we hope to stay at the club as it is now. I believe our contribution to the local community will be a major factor in ensuring this, but it would also be wise to plan for other possible outcomes. I know of one club that recently lost access to its premises and is now meeting in a members shed. We also need to

Corporate Governance

The new club constitution is close to being finalized. It's hoped the committee will be able to review this at their next meeting, prior to a special resolution being passed at a general meeting as required by law. The aim is to bring a club up to standard in terms of legal framework and operational procedures, in line with changes to the Queensland Governments [Associations Incorporation and Other Legislation Amendment Act 2020](#). A summary of the changes can be found at the Governments Website [here](#).

Other changes include the introduction of a donation register. We have received feedback from members of things not going according to plan with previous donations to the club. Everything donated to the club must now be recorded in terms of a description, value and who made the donation. Importantly, disposal of goods will also be reported, so we have full accounting for all items. The committee is also reintroducing an expense claim form, for any expenditure over the petty cash limit made for the club, this is to ensure monies spent is both preauthorized and in line with our goals as a club.

In the meantime, Leicester is continuing the work on our asset register, part of this work has seen some assets come to light that are excess to the club's requirements. Rather than keep them locked away as they decline in value, the club is offering for sale by public bid to members via SCARC news. The committee reserves the right to refuse any bid or to decline a sale if it feels the value is not at market levels.

Comms Team (formerly Contests)

Robert/Leicester/Trent and Bernie now head up this important change to the way club does things. While contests are still an important focus, the scope of this subcommittee has been extended to include all comms operations for the club, be it onsite or at events. This includes work on rebuilding the comms trailer, looking at field capability of VHF/UHF and HF and assessing what equipment needs are for the club moving forward.

WICEN/LDMG/Community Comms

Bernie now heads this area after a few years of being vacant and will be building up capability over time. With the current emergency comms environment not really having room for WICEN, the focus will be supporting community events with comms and training of members to Wicen standards in terms of on air and equipment standards. The first event will be the Kokoda Challenge on the 18th June at the Imbil State Forest, more hands needed for this!

Exams/Licensing

Robert and Trent continue the good work here in growing our hobby. Importantly, this activity is a good source of new members to the club. During April there will be a full day Foundation course conducted, while an Advanced course is also being planned over 6 weeks in the near future.

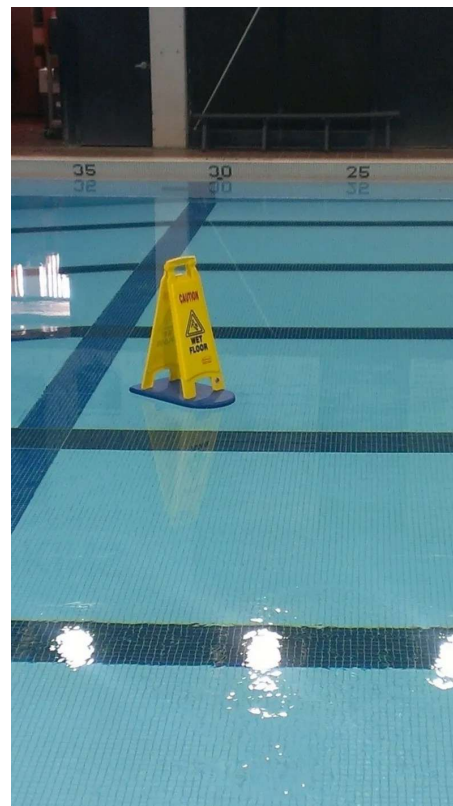
Social Activities

Alan will be looking after this for the club this year, with a HASH night first up on the agenda, more details to come.

BBQ

Robert will once again be doing the fortnightly BBQ. When we have 5 Wednesdays in the month, the last one is a special event, this month – Ribs and Slaw day. Cost will be the normal \$7.50 which will go the club in full (QSLComms is donating the food).

I look forward to a great year ahead. Please remember the club is there for the benefit of its members, so make sure you let us know if there is something that is of concern!



Mayday in Moscow – Harvey Wickles VK4AHW

I was embarking on what was to become one of the most memorable and enjoyable trips of my life. My best friend, Jan Esselstrom had invited me to join him in London, from where we were to spend six weeks travelling by car from the Netherlands, through Germany, Denmark, Norway, Sweden and finally to our destination, Finland.

Having bid my wife and small daughter farewell, I had set out the day before from Brisbane, on the first leg of my journey, flying JAL Airlines. This was in fact my very first overseas trip, and I was tremendously excited. I had an excellent view from my window seat as we flew at 33,000 feet across the Pacific Ocean, en route to Tokyo. It was a fine, cloudless and sunny day, and the ocean far below was as smooth as a mirror. In fact, it was so mirror like that I spent some time trying to establish where the ocean and the sky met on the horizon. Eventually I gave up on that quest, as it was impossible to see where the two met. They were exactly the same colour.

We arrived safely in Tokyo and having negotiated Customs and Immigration, I boarded a bus which delivered me to my overnight Hotel in less than fifteen minutes. I was fascinated by the sights of the city as we negotiated the heavy traffic. Having just completed a three-year course in Japanese language studies at the University of Queensland Institute of Modern Languages, I was keen to try out some of my limited conversational skills.

My first opportunity to start up a conversation was thwarted by the beaming Concierge, wishing me “A very good afternoon and a warm welcome to Tokyo” in perfect English. As he smiled and bowed, all I could say was “Thank you very much.”

After checking in, unpacking my suitcase and enjoying a fine meal in the Hotel Restaurant, I set out for a walk around the immediate area. My first impressions were interesting and, in some cases, quite amusing. I was suddenly transplanted into one of the World’s biggest, busiest and most populous cities. For many years I had dreamed of one day visiting Tokyo, and here I was!

The city loomed all around me, with its constant murmur of traffic noise and general hustle and bustle. My eyes were accosted by myriads of signs, in all kinds of shapes, sizes and colors. I suddenly became aware that I couldn’t read any of them. After a little more careful scanning, I began to see the odd sign in English.

I was soon to become acquainted with numerous messages, often scripted in the style of “Jinglish” I was familiar with, from reading Japanese “User Manuals”. Quaint is the politest adjective I could use to describe some of those “translated” documents. As the sun was starting to dip behind the immediate skyline of tall buildings to the west, I came across a sign which was reasonably prolific and almost familiar. “NO SMOKING”. I walked on with a quiet chuckle and read another sign announcing an “Underground Tennis Court”. Somewhat interested, I soon beheld said Tennis Court, which was actually nestled in an excavated block between two huge towering office buildings. I thought to myself: “I really want to see more of this country.” What a shame I was just passing through.

Early the next morning, after a hearty breakfast, I boarded the Hotel bus and was delivered back to the Airport where I soon found my way to the Transit Lounge. I was interested to note that smoking was also prohibited there. Before long I was once again looking out from yet another window seat as we headed west across Siberia. Next stop Moscow.

Twelve hours later, we were advised to adjust our watches to Moscow time, and I was surprised to find I only had to advance mine by two hours. Flying East to West, the sun had chased us all the way. It had been a long flight over the endless frozen desert that is Siberia.

And I do mean endless! I knew that Siberia was vast, but I was not prepared for just how vast it really is. Each time I gazed down at the perpetual panorama of frozen lakes, forests and trackless wilderness, it looked identical to what I had seen previously at three to four-hour intervals, between in-flight movies, meals and the odd book.

As the JAL flight eventually made it’s decent and approach into Moscow, there was a long and earnest announcement given over the public address by the cabin staff. This related to the fact that USSR permitted flights over its sovereign territory only on the proviso that a whole lot of conditions were adhered to. There were to be no photographs taken from the plane, transit passengers were to remain in full sight in the transit lounge at all times, transit passes were to be kept on one’s person at all times and there were to be no disputes over the purchase price (and change given, or should I say, not given) of trinkets and souvenirs. All purchases were to be made in U.S dollars.

Several other conditions were spelt out, but I can’t recall now exactly what they were. I do however remember the post announcement stunned silence, which descended upon our mostly Japanese passengers. For hours they had been happily chatting and laughing, but now a gloomy hush had settled upon them all. I was astounded at the contagious sense of anxiety, even fear, that had engulfed them all.

Having a window seat, I managed to surreptitiously take some very naughty, clandestine photos of the Russian countryside, as we made our zigzag approach to the airport. We were flying quite low, following rivers, canals, country roads and woodland areas, conspicuously free of any super-secret military sites, factories, power stations and other “highly sensitive” areas. I am sure that many of my fellow passengers were quietly contemplating their possible life in the Gulags, if found guilty of contravening any of the instructions. The elderly gentleman sitting next to me almost burst a blood vessel when he saw me sneaking photos out the window. I smiled and quietly said in Japanese “*Dia jobu desu, do itashi mashita*” – “It’s quite OK, think nothing of it.” I fear that didn’t lower his blood pressure by much, however, in spite of his obvious consternation, I have to admit that I quite enjoyed briefly playing my low altitude version of Francis Gary Powers.

The one-hour stopover at Moscow Airport just happened to be on May Day, 1977. Consequently, the main Terminal building was dressed up with red banners and hammer and sickle flags. Despite the decorations, Moscow Airport was one of the drabest, grayest, most utilitarian places I have ever visited. The concrete runway was patched and re-patched and re-patched some more, no doubt as the result of rocks being forced to the surface by ice, during the severe winter conditions.

The landing and the subsequent taxiing were quite bumpy. As I filed off the ‘plane with hundreds of other passengers, I instantly became aware of the strong smell of aircraft fuel and diesel smoke, accompanied by the raucous din of four jet engines at full take-off throttle screaming overhead. The early afternoon sun was shining brightly from a clear blue sky, doing very little to enliven the drab concrete surroundings.

Looking around for the source of the diesel smoke, I saw that there were quite a few large, middle aged, tired looking women driving trucks and tow vehicles around the tarmac. In contrast, even before we disembarked the aircraft, I had noticed groups of military personnel, dressed up in their uniforms, strutting around with medals and ribbons prominently displayed.

On entering the transit lounge, I noticed that many of the Japanese passengers were dashing into the retail shop section, and lining up at the counter. There was obviously something there that they were very interested in. To my surprise, I soon discovered what the attraction was. Within a few minutes, I began seeing clusters of beaming passengers walking around with their arms full of large cardboard boxes, each one containing a Russian made multi-band short wave radio. I had been under the impression that Japan had well and truly captured the World market in transistor radios. However, it was plain to see that the Japanese considered the Russian made model well worth buying, as there were now over several dozen happy customers proudly comparing notes about their purchases.

My mind was cast back to my early teenage years when I spent many happy hours listening with head phones to the one valve short wave radio I had built. I often heard the strong signals from Radio Moscow with their English news broadcasts, always heralded by the enigmatic Moscow Bells call sign. Little did I ever think then that in less than thirty years I would actually be in Moscow. I was suddenly struck by the thought that years of radio propaganda, which was still going on, was now being heard by short wave listeners around the World on those well-made radios.

While the radio sales were proceeding, I was walking slowly past a seemingly endless row of bookshelves, groaning under the weight of glossy communist propaganda brochures. Written in numerous languages, they were all extolling the many virtues of the USSR. These many brochures represented the only colorful relief from the drab, grey concrete of the building. At the end of the walkway past all this literature was a toilet block, with the main door propped open by a chair. It was possible to see inside and observe the Japanese gentlemen from our flight, all lined up at the urinal. Outside the door stood a uniformed armed guard, with a very bored look on his face.

In a corner of the transit lounge, not far from the propped open toilet block door, stood the biggest colour television set I had ever seen. From a hundred meters away, I could clearly see the shimmering heat waves radiating from its huge wooden cabinet. As an interested CTV serviceman, I took a peek inside the back of the device, only to see dozens of large glowing vacuum tubes. A scowl from the guard by the toilet door quickly dampened my enthusiasm for a closer inspection, but I recall thinking that if this huge machine was an example of superior leading-edge Russian technology, then the West had little to fear.

As I made my way back to the sales area, the initial rush was over, and I was able to spend my last twenty American dollars. Regrettably, I didn’t have enough to purchase a fancy radio, so I settled on an affordable glazed ceramic wall hanging, to remind me of my ever so brief transit through Moscow. I received a small handful of boiled lollies as “change.” To this day it still hangs on display in my office at home, as a mute reminder of my brief stop-over in “Cold War” Moscow.

Before departure, most of the passengers had re-boarded, but we were being delayed for some unknown reason. As I took my window seat, I noticed a group of official looking Soviets surrounding a rather unhappy looking Englishman, who was down on his knees on the tarmac. There was lots of gesticulating and arguing going on, and as I watched, things were becoming rather heated. It seemed that the English passenger had transgressed the law by misplacing his Transit Pass. Eventually, after rummaging through his armful of glossy literature, the miscreant Pass was located, and order was restored. As he re-entered the aircraft, the English culprit smiled

and waved to us all, saying “I’m free! I’m free!” Indeed, after a bumpy takeoff, we were all once again heading “West of the Wall, where hearts are free...”

Six weeks later, on my return trip, I was to see the same chair propping open the same door and the same bored guard still standing at the entrance to the toilet block. I can only assume that there had been some severe pilferage of toilet rolls in the past; a problem which was being well and truly taken care of in the best Soviet manner. I would have been interested to read the job description of the hapless guard. He has always stood out in my memory as a classic example of the joyously happy workers in the glorious Soviet Union.



The long night flight back to Tokyo was punctuated only by spasmodically spotting numerous gas flares, way down below in Siberia. Those flickering flares bearing silent witness to the vast supplies of natural gas, oil, and who knows what other valuable resources were lying beneath the endless expanse stretched out far below us.

Eventually I dozed off, dreaming of the many pleasant memories from the last month and a half of driving through The Netherlands, Germany and on into all the beautiful Scandinavian countries. What a wonderful adventure I had during my first overseas trip!

Club Activities/Nets

CLUB STATION: VK4WIS

General Meeting: Monthly on the first Tuesday at 7:30 pm in the club house, old Toll Plaza building, 85 Godfreys Road, Pacific Paradise

Weekday Meeting: Weekly at 10:00 am-2:00pm on Wednesday, BBQ every second week

Good Morning Net: Daily at 8:15 am on the 2 metre FM linked repeaters

80 m Net: Weekly at 7:30 pm Wednesday on 3660 kHz LSB.

6 m Net: Weekly at 7:30 pm Friday at VK4RSN on 53.700 MHz FM – Not currently active

2 m Net: Weekly at 7:30 pm Sunday on 144.300 MHz USB

70 cm Net: Weekly at 7:30 pm Monday on 438.075 MHz FM.

23 cm Net: Weekly at 7:30 pm Wednesday on 1273.300 MHz FM. – Not currently active.

Constructor’s Meeting: Weekly, 7 to 10 pm Thursday

WIA News: Relayed every Sunday at 9:00 am on 2 m linked repeaters.

After the broadcast a call-back is conducted by VK4WIS.

Internet: www.vk4wis.org

Member Classifieds

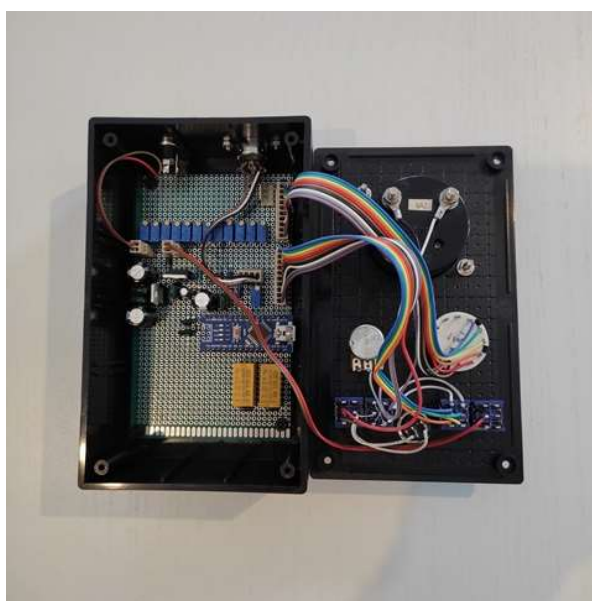
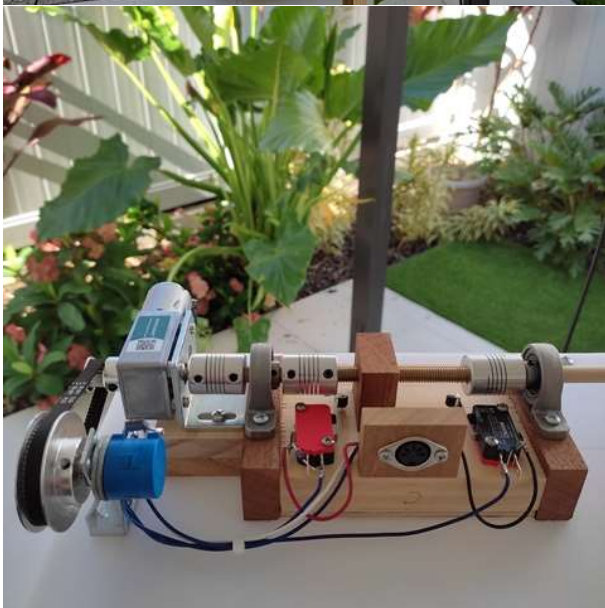
Nil

Constructors Corner

40-10M Magnetic Loop by Heinz Buff VK4YI.

Last year I completed a magnetic loop antenna for the 80/40/30m bands. The design is for dry weather environment, portable or fix operation and finds place in any medium sized car for transport without disassembling it.

The project is fully tested and well documented. It needs some skills to successfully complete it. But once you have built it, it's a pleasure to operate.

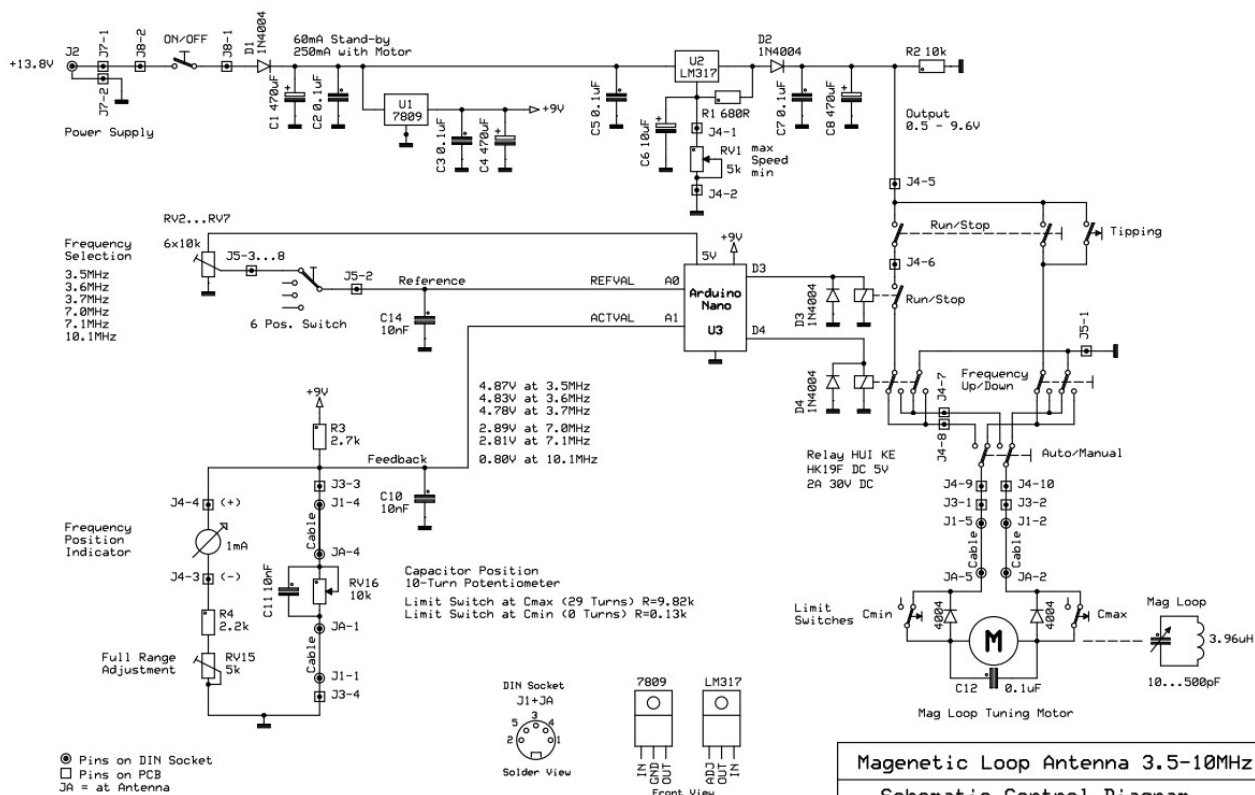


Magnetic Loop Antenna 2020 for the 80/40/30 m Bands by VK4YI

Main Data

Band	80m	40m	30m
Frequency	3.6 MHz	7.1 MHz	10.1 MHz
Loop Ø	0.59 m	0.59 m	0.59 m
Number of Turns	2	2	2
Loop Material 1/2 " Cellflex	LCF12	LCF12	LCF12
Capacitor	494 pF	127 pF	63 pF
Inductance	4 uH	4 uH	4 uH
Q	780	560	580
Bandwidth	4.6 kHz	12.7 kHz	17.4 kHz
Efficiency	55%	75%	80%
Loop Current at 100W	30 A	18 A	15 A
Capacitor Voltage at 100W	2650 V	3140 V	3820 V
SWR *	1	1	1

* with tuning and matching



Magenetic Loop Antenna 3.5-10MHz

Schematic Control Diagram

VK4YI

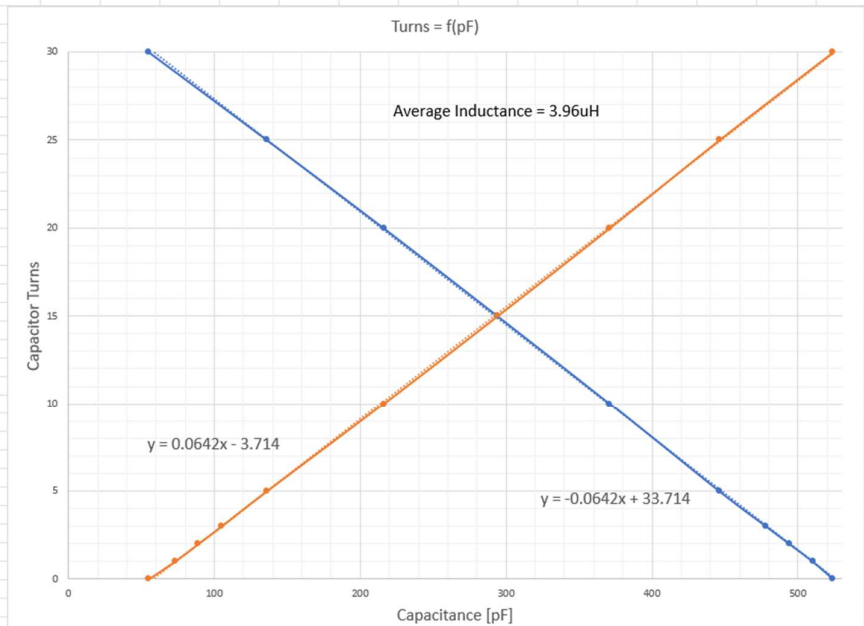
Rev 1.0

03/10/2021

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Capacitor Turns as a Function of Capacitance

Turns	C [pF]	inverse	MHz	L[uH]
0	524	55	10.74	3.99
1	510	73	9.50	3.84
2	494	89	8.61	3.84
3	478	105	7.92	3.85
5	446	136	6.91	3.90
10	371	216	5.44	3.96
15	294	294	4.63	4.02
20	216	371	4.10	4.06
25	136	446	3.71	4.13
30	55	524	3.49	3.97
				39.56
Loop Inductance average				3.96 uH



Magnetic Loop Antenna Calculation by Mike Underhill, G3LHZ, edited by VK4YI

This method is based on measuring the two 3dB points (at f2 and f1 where SWR=2.62) of the finished antenna
The loop inductance L is calculated by the loop dimensions
The resistive loss R loss is calculated by the loop dimensions and material including skin-effect
All other parameters are derived from Q, L and R loss

Thompson: $f_o = 1 / (6.28 / (LC)^{0.5})$

Input:	Input:	Output:
L [uH]= 4.310	C [pF]= 50.00	f _o [MHz]= 10.842
f _o [MHz]= 3.500	L [uH]= 4.126	C [pF]= 501.15
f _o [MHz]= 3.500	C [pF]= 460.00	L [uH]= 4.495

Input Parameters as measured

Operating Frequency f _o [MHz]	3.6000	SWR = 1
Upper 3 dB Frequency f ₂ [MHz]	3.6023	measured with VNWA at -17 dBm
Lower 3 dB Frequency f ₁ [MHz]	3.5977	measured with VNWA at -17 dBm
Loop Ø D [m]	0.590	0.295
Conductor Ø d [m]	0.0130	0.007
Number of Loop Turns N	2	
RF Input Power P [W]	100	

3 dB Antenna Bandwidth as a function of Q

Input:	f _o [MHz] = 3.6	Center Frequency
	Q = 783.00	Quality Factor (XL/R)
Output:	f ₂ [MHz] = 3.6023	Upper 3dB Frequency
	f ₁ [MHz] = 3.5977	Lower 3dB Frequency

Calculations

Q = f _o / (f ₂ - f ₁)	783	or Q = XL / R tot
Loop Inductance L [uH]	3.960	calculated on average with Thompson formula via f[MHz] and C[pf]
Loop Reactance XL [Ohm]	89.528	XL = 6.28 * f _o * L [H] = [Ohm*s]
Total Resistance R tot [Ohm]	0.114	R tot = XL / Q
Resistance (skin-effect) R loss [Ohm]	0.051	R loss = (0.4 * f _o [MHz] * rho) ^ 0.5 * N * D * PI / d
		Resistivity of pure copper rho = 1.72 * 10^-8 [Ohm*m]
		Resistivity of plumbing copper rho = 2.02 * 10^-8 [Ohm*m] 85 %
		waved coax: 13% added for length
Radiation Resistance R rad [Ohm]	0.064	R rad = R tot - R loss
Capacitance C [pF]	494.06	(XL = XC at resonance) C = 10^6 / (6.28 / f _o [MHz] / XL
Bandwidth BW [kHz]	4.6	Bandwidth BW = f _o / Q
Loop Current I [A]	29.6	I = (P * Q / XL) ^ 0.5
Capacitor Voltage U [V]	2647	U = (P * Q * XL) ^ 0.5

Efficiency

theta = P rad / P in ---->	P rad = P in - P loss ---->	theta = 1 - (P loss / P in)	P is proportional to R, therefore
	theta [%]	55.7	theta = 1 - (R loss / R tot) P in is across R tot



Robert DG9FEM

Robert is visiting Australia from Germany. Dropped into the club on the 19th March as we prepared for the JMMFD. Welcome Robert!

Ham of the Month.

10 Questions with the Monthly Ham 📡

Where were you born? Tamworth NSW

What are your favourite bands? 10M and 6M -

When and where were you first licenced? Tamworth NSW 1978 First Callsign(s) was VK2NDK and VK2YHA

What have been your callsigns? VK2NDK VK2YHA VK2KTS
VK2ZI VK4TI VK4TS MoHTT WW7TT VK4T

What is your favourite AR activity? Contesting

What is your dream antenna? 4 element quad - the 4 element is physically balanced and gives great gain without being too narrow.

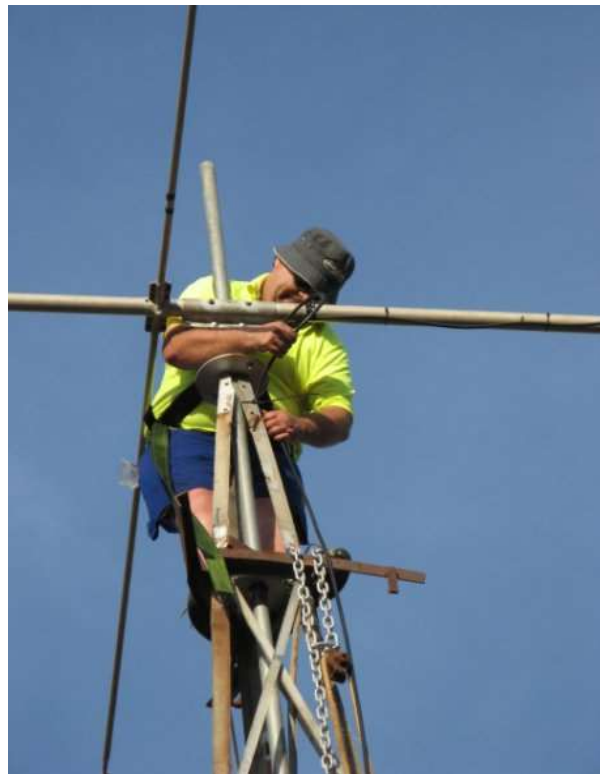
What is your dream rig? FT1000MP is still hard to beat

What was your favourite contact? MIR space station at 2 am in the morning in Moree NSW

What is your favourite mode? SSB

What would you like to see SCARC do over the next 5 years ?

Grow to 200 members and keep the friendly feel to the club, have the club rooms as a great station that other aspire to and to be active in all VK Contests .



by Chris Codella, W2PA

Field of Beams

Across

1. UHF units
4. Writes glowingly, about a new rig, say
9. Radiosport, for short
14. Elemental do nothing, on a computer, to a coder
17. Missing a DXCC entity
19. Peoria prefix, possibly
20. Peru prefix, possibly
21. In real-time
22. EU ham org.
23. Location, operating /MM
24. Describes 26, 64, 68, 101 across, and 8, 50 and 89 down.
26. 2000
28. Nows older partner
30. Might be taken before a one or after a nine
31. News opposite
32. Feathers prep
33. Digital mode
35. Dot type
37. KH6 dipole supports?
39. Caught illegally, or cooked what you caught
42. Angles
43. Hay bunches
44. Mascara site
45. Type of screw or bolt
47. New England hams
48. Temporary cover
49. UA nobility, once

[illegible]

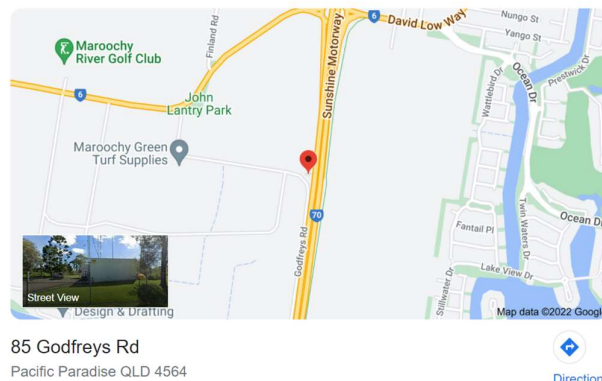
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|---|---------------------------------|-----------------------------|
| 51. Bucket | 64. 2010 | 81. QR followers |
| 52. AGC between slow and fast, on some rigs | 67. Ornaments | 82. Floor PTT: _____ switch |
| 53. Top scorer list limit | 68. 2002 | 83. Setting |
| 54. G elevators | 72. In the ether | 85. 9H-land |
| 55. QC px. | 73. PA transistor heat removers | 86. Short contests |
| 56. Home for parts | 74. Bhutan prefix | 88. 9N1MM |
| 58. Hands on hips | 76. Wireless beverage? | 89. Post-holiday mail, say |
| 60. Newington station | 77. Es | 90. YV0 island |
| 61. Mobile ham tracker | 78. Church ends | 91. TZ-land |
| 62. Zagreb ID starter | 79. F-land river bank | 92. HV flashovers |
| 63. Big knob label | 80. Blog entry | 93. B-plus place |

- | | | |
|--|---|---|
| 96. JX last name | 18. Battery measure | 64. 1-down connectors |
| 97. One-word advice in "The Graduate" | 21. Tired, wired antenna? | 65. GHz, for example |
| 101. 2014 | 25. Elemental memory circuit | 66. Awoke |
| 104. Lid (in the non-ham world, maybe) | 27. Like deer, but bigger | 67. CW style variations |
| 106. Molecule part | 29. Probable solvers of this puzzle | 69. Ring shaped reef, e.g. 8Q7 |
| 107. Course numbers | 33. Surf sounds | 70. Bird abodes |
| 108. Seas on the moon | 34. Former (and part of current) UA news org. | 71. Info, e.g. sent via PSK31 |
| 109. S2 martial art | 35. Contester's emotion when lightning hits tower at T-minus 1 minute | 73. Cluster items |
| 110. Work an "insurance" QSO? | 36. Small change | 75. OH op. |
| 111. With "waves" propagated signals, slangily | 37. Component | 78. CW |
| 112. "Who am I ___ ___?" | 38. Bahrain beginning, phonetically | 80. Matchmaker |
| 113. Highly praise | 39. Philosophy 101 subject | 82. Nigeria prefix |
| 114. Stor. | 40. Carry away, in a way | 83. Single op? |
| Down | 41. Cross-needle meter maker | 84. 1950s radio paint style |
| 1. Earth conn. pts. | 42. Freebie | 85. SSB inp. devices |
| 2. Make well | 43. 40, 20, and The Beatles | 87. Numbers to watch during the contest |
| 3. Tune into, with "beat" | 46. What old rigs do | 88. SOS of SSB |
| 4. 9X neighborhood | 48. ___ firma | 89. 2006 |
| 5. Pros opposites | 49. 555 function | 91. Craze |
| 6. DXpedition prerequisite, sometimes | 50. 1996 | 92. Even if, briefly |
| 7. Benz ender. Graph ender, too. | 51. Prison-related | 93. NPN complements |
| 8. 1990 | 53. Endangered animal resembling a swine | 94. Grid resistor function |
| 9. Stalks on an antenna farm | 54. B, C, and S, for example, in classic radio | 95. Not straight |
| 10. Works for pay | 55. Nfld. px. | 96. Elser-Mathes Cup QSO target |
| 11. Lids after having a few? | 57. Desert sight | 97. Short shot |
| 12. Packet radio ckt. | 59. Hints partner | 98. Thing in a catalog, say |
| 13. WAE SSB mo. | 60. Plano prefix, possibly | 99. Morse, for example |
| 14. FB | 63. Namibia, or an odd engine | 100. 1A-land (abbrev.) |
| 15. K, spoken | | 102. Prime time |
| 16. CE, CO, or CX cash | | 103. XW ham |
| | | 105. W6 airport, briefly |

On alternate Wednesdays we also support the local Bakery, as it had been a while since we last had a Wednesday get together it was noted that prices had increased, here is the current Menu!

Club Address.

It's a small thing but can make all the difference, whilst the club has used Bli Bli in its address, the correct address puts the club in Pacific Paradise. This can make a little bit of difference for visitors using technology to find the club for the first time.



SCARC Wednesday BBQ Calendar 2022



March	2nd & 16th	Special 5th wed lunch 30th.
April	6th & 20th	
May	4th & 18th	
June	1st & 15th	Special 5th wed lunch 29th.
July	6th & 20th	
August	3rd & 17th	Special 5th wed lunch 31st
Sept	7th & 21st	
Oct	5th & 19th	
Nov	2nd & 16th	Special 5th wed lunch 30th.
Dec	7th & 21st	

SCARC Christmas party to be announced later in the year.



Monthly Meeting Minutes (financial info redacted).

GM Opening

Item	Detail	
Opening	Meeting opened at 19:30	
Welcome	As there was no President within the time specified in the constitution a vote was taken for Trent VK4TS to chair the meeting.	
Attendance	14 Members in person and 11 on zoom, 0 visitors.	
Apologies	VK3GDT, VK4VC, VK4HDH	
Sick List	Don VK4HDH	
Announcements	Nil	
Minutes	<p>The Secretary Gordon VK4VP reviewed the minutes of the previous General Meeting.</p> <p>Moved Gordon VK4VP, seconded Harry VK4TK , carried</p>	
Business Arising	▶ Nil	
Committee Report	<p>The Secretary Gordon VK4VP reviewed the minutes of the previous Committee Meeting.</p>	
	Out	<p>▶ Membership welcome letters</p> <p>▶ Email and phone call to Kokoda Challenge Co-ordinator</p>
		▶ Nomination forms for committee positions

Correspondence	In	<ul style="list-style-type: none"> ▶ Email and phone call from Kokoda Challenge Co-ordinator ▶ PO Box Renewal ▶ Membership applications ▶ SCRC corrected rates receipt ▶ Membership subs
	Correspondence moved by Gordon VK4VP, seconded Mark VK4AN, carried	

Ex Officio Officers Reports

Item	Detail
Repeaters	Nil to report
Publicity & Newsletter	Mark VK4AN is working on the current issue to be published after the AGM
Property	A lot of rubbish has been removed, cataloguing is almost complete.
Nets and Awards	Nets running ok
QSL	Nil in, nil out
WICEN/LDMG	Nil to report
Foxhunts	New Fox, need to ramp it up and start using it, maybe a monthly event.
Contests	JMFD coming up on 19/20 th March but nothing planned as yet.
Library	Nil to report.
Communications Room	Nil to report
Workshop	Work in progress on the clean up as Council will be inspecting shortly.
Circulation	Published
Social Activities	Nil to report

SCARC Outstanding Contribution Award

This new award replaces the Col McCamley Award.

This peer nominated award recognises an individual who has been influential and has significantly contributed to SCARC in 2021.

Criteria – All members are eligible, any member can nominate another member, members can receive the award multiple times, and multiple members can receive the award each year. The award is a certificate and a free years membership. discussion that the name should be restored. e.g possibly “SCARC Outstanding Contribution Award - in memory of Col McCamley”

Winners for 2021 are;

- ▶ None decided until we discuss the name change at the next committee meeting

Adjournment

The meeting was adjourned at 19:52 hrs and Trent VK4TS acted as Chairman for the AGM.

AGM Opening

Item	Detail
Opening	Meeting opened at 19:53
Welcome	The AGM Chairman Trent VK4TS welcomed members and visitors to what we believe to be the 45 th AGM and thanked the outgoing committee members.
Attendance	As per GM
Apologies	As per GM
Sick List	As per GM

Announcements	Nil	
Minutes	The Secretary Gordon VK4VP reviewed the minutes of the previous Annual General Meeting. Moved Gordon VK4VP, seconded Alan VK4OR, Mark VK4AN, carried.	
Business Arising	▶ Nil	
Correspondence	In	▶ As per GM
	Out	▶ As per GM
Presidents Report	Robert VK4CLG presented the Presidents report.	
Treasurers Report	Keith VK4AKA presented the Treasurers Report, seconded Alan VK4OR, May VK4IMH, carried.	
Auditors Report	<p>Keith VK4AKA presented the Auditors Report. Moved by Keith VK4AKA, seconded by Glen VK4FSC.</p> <p>Keith VK4AKA moved a motion to pay the auditing fee of \$220, seconded by Bernie VK4KX, carried.</p>	

Election of Management Committee

Gordon VK4VP read out the nominations as follows;

Position	Nominee	Proposer	Seconder
President	Mark VK4AN	Harvey VK4AHW	Gordon VK4VP
President	Bernie VK4KX	Keith VK4AKA	Gordon VK4VP
Vice President	Mark VK4AN	Harvey VK4AHW	Chris W7CHP
Secretary	Gordon VK4VP	Keith VK4AKA	Stuart VK4SLA
Treasurer	Keith VK4AKA	Gordon VK4VP	Alan VK4OR
Committee	Harry VK4TK	Harvey VK4AHW	Don VK4HDH
Committee	Robert VK4CLG	Harvey VK4AHW	Don VK4HDH
Committee	Alan VK4OR	Robert VK4CLG	Gordon VK4VP
Committee	Bernie VK4KX	Gordon VK4VP	Alan VK4OR

A secret ballot to select the position of President yielded the following results.

Position	Electee
President	Mark VK4AN

The Management Committee for 2022 was finalised as follows;

Position	Electee
President	Mark VK4AN
Vice President	Not required at this stage
Treasurer	Keith VK4AKA
Secretary	Gordon VK4VP
Committee	Alan VK4OR
Committee	Bernie VK4KX

Position	Electee
Committee	Harry VK4TK
Committee	Robert VK4CLG

Appointment of Auditor

Keith VK4AKA nominated the use of our current auditor SDE Accountants proposed by Keith VK4AKA, seconded by Bernie VK4KX, carried.

Handover to incoming President

Trent VK4TS closed the AGM and handed over to the incoming President Mark VK4AN.

AGM Closure The AGM closed at 20:13 **Supper** No adjournment

Reopen of General Meeting

The General Meeting resumed at 20:15

Confirmation/Appointment of Ex Officio Officers

Position	Officer
Repeaters	Keith VK4AKA, Ryan VK4GQ, Andrew VK4QF – Gordo to check with Ryan and Mark
Publicity & Newsletter	Mark VK4AN, Trent VK4TS
Property	Leicester VK4ALH
Nets and Awards	Nil
QSL	June VK4SJ
WICEN/LDMG	Bernie VK4KX
Communications Team	Robert VK4CLG, Leicester VK4ALH, Bernie VK4KX, Trent VK4TS
Exams	Robert VK4CLG & Trent VK4TS
Library	Mark VK4AN will contact Faraaz VK4JJ
Workshop	Ches VK4WT – to be asked
Social Activities	Alan VK4OR for ideas
BBQ Manager	Robert VK4CLG and Mark VK4AN
Yard Manager	Chris VK4KP

General Business

Item	Detail
1.	Angus VK4KMC raised the issue of multiple items in the kitchen but these are most likely the result of the cleanup where Sunfest condiments were found and placed in the kitchen
2.	Discussion about excess Diamond Antennas in the lockup and other items that can be disposed of. The antennas may have been purchased with excess grant funds.
3.	Mark VK4AN advised the Community Benefits have a super round of \$100,000 and we should make application before 31/03/2022. Ideas floated were - Comms trailer, dedicated repeater frequency, portable repeaters, new Vacuum Cleaner, Flex Radios for amateurs that don't have access to radios. Carpet or polished concrete floor are some more ideas, Mark will send out an email asking for suggestions.
4.	Mark VK4AN discussed setting goals for the club and our vision to determine things that we want and improvements etc. Also look at how we can attract new members. Possibly via a mens club. (AMSA)
5.	Glen VK4FSC discussed the Caloundra lighthouse and if we could have a permanent radio setup in the building. – Another grant item
6.	May VK4IMH discussed publicity for the club and advertising and how we could get better noticed.
7.	Trent VK4TS discussed building a radio location service via grants as something to consider.
8.	Pete VK4NBL raised the idea of knowing what events are on via Council and the club becomes involved and provides comms free of charge in exchange for advertising.

Presentation Nil due to the AGM

Closure The GM closed at 20:54