



OXTALES

Newsletter of the Oxley Region Amateur Radio Club Inc
PO Box 712 Port Macquarie 2444

February 1999

Compiled by VK2TT

PRESIDENT: Bruce Walker VK2HOT 6583.8360
VICE. PRES: David Tarrant VK2HBC 6585.6381
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Remember last year we won, and also had a great day. This year we could have a bonus with VK2EI (Neil) setting up his Gig dishes.

President's Report

Hi All,

Into February already? The year is going fast already. Will it slow down?

The advert in this issue for the missing antenna has a lot of us puzzled as to its location. I hope by the time you read this, that it has been found so we do not have to purchase another one.

Note, in *Down the Coax*, that we have some good meetings with speakers and events coming up, so your attendance would be appreciated. We have a strong membership, so let's keep it that way and make the year interesting between now and the AGM in August when I will be stepping down as President.

Speaking of the AGM, I would like all members to consider taking on a position, be it a large or a small duty. Please give it a lot of thought between now and the AGM. If you have any motions that need to be put forward at the AGM, then now is the time to get them in, in writing to the Secretary.

Plan ahead for your involvement at the Field Day so that when you are asked to assist, you will be able to say yes not maybe. This also applies to the John Moyle Field Day up at the Number 1 Fire Tower.

The Club nets have been well supported but more members would make it more interesting, so give it a go and come up on Wednesday nights at 7.30pm or on Sunday mornings at 8.00am. Both on 146.700MHz.

We now have the OXTALES Editor on line which has made it easier for me, as I do not have packet. He must have felt the pressure.

The Club now has caps available. They are yellow with a black peak and have the Club name on the front. The cost of the caps is \$6 each and they are adjustable to fit small or big headed members. Twenty-five are available. Some have already been purchased so they can be worn to the Wyong Field

In This Issue :

Item.	Page No.
President's Report	1
Down the Coax for 1999	2
Repeater Committee Report	2
Any Views on This One?	2
e-mail Addresses	3
For World Travellers	3
Ref. Morse - Latin - Hand Sigs	4
Track Skiers	4
Digital TV	4
Missing Club Equipment	5
Back to School	5
Cape Canaveral	5
Know Where you Are	6
Y2K Leap Year	6
Birth of the 'Q' Code	6
Kitchen Technology	7
For Sale	7
Membership list	8

Day. Contact or see Jason (VK2FT) for the caps. They will also be available for sale at the monthly meetings.

The last meeting and sausage sizzle went well. Those that did not stay, missed out on the great fellowship and chit chat.

We have a lot of members attending the Wyong Field Day, so let's promote our Field Day at the same time. VK2FT has produced some posters that will be put up around the venue.

Cheers-Bruce VK2HOT-President

e-mail: brucew@tsn.cc

DOWN THE COAX FOR 1999

28TH FEB - WYONG FIELD DAY.

6TH MARCH - GENERAL MEETING - MOYLE PREPARATIONS.

21/22 MARCH - WIA JOHN MOYLE DAY AT NUMBER 1 FIRE TOWER.

3RD APRIL - GEN MEETING FOLLOWED BY TALK FROM VK2FSH.

TOPIC:- GROUND PLANES/VIRTUAL EARTH.

1ST MAY - GEN MEETING FOLLOWED BY TALK FROM VK2ATM

TOPIC:- 2 METRE ANTENNA DESIGN.

5TH JUNE - FIELD DAY MEETING (FINAL PREPARATIONS) & RENEW MEMBERSHIP.

12/13 JUNE - PORT MACQUARIE FIELD DAY (ALL HANDS ON DECK).

3RD JULY - GENERAL MEETING & RENEW MEMBERSHIPS.

7TH AUGUST - AGM AND GENERAL MEETING.

Repeater Committee Report for January, 1999

Happy New Year to you all from the Repeater Committee.

It is hoped that this year will be one of further achievement for the Club as a whole which will only be possible with the full support of it's members.

I suppose that most of us had a house full of people over the Christmas New Year period which would have kept us pretty busy. It's nice to see your rele's but it is even nicer to see them return to their homes. I think that we may go away for next Christmas!

Middle Brother.

The voice repeater and the digipeater are both working well although, there was a period of brief interference on the 2 metre voice repeater which has since disappeared.

VK2TT is currently working on the interface to the Rose network. He is doing this in conjunction with Great Lakes to ensure compatibility between them and us. Work still to be done is minimal, Trevor is awaiting confirmation of parameters from Great Lakes, after which the EPROM can be programmed, installed and the system tested on line. All being satisfactory, the uhf link will be put into operation on Middle Brother shortly.

Telegraph Point.

Work still remains to be completed on the tuning of the cavity resonators for the 2 metre voice repeater before the system can be tested and installed at the Telegraph Point Site. Not much work has been carried out in this regard due to holiday period commitments by the people engaged in this project. It is hoped that work will be resumed on this late in January.

de VK2DAL

ANY VIEWS ON THIS ONE?

In the December issue of the Westlakes Amateur Radio Club's Monthly Magazine, there appear this following short article. ORARC members may have views on the validity of some of the points raised ? The item carried no author's name, so it could well be a fun item for a "Find the flaws" contest that could prompt some reaction that might spell out reasons as to why some of us have such a "necessary piece of equipment" occupying space in the shack. Here

is the item, as published.:

WHY YOU DON'T NEED A DUMMY LOAD

Many amateurs have been told over and over again that a dummy load should be used to tune up a rig. And as a consequence, many amateurs are under a real misconception as to the use of that "necessary piece of equipment."

The dummy load belongs to days gone by - before the advent of solid state (transistor) radios. The dummy was used to tune the output stages of a transmitter to 50 ohms so that the impedance of the antenna could be matched.

Solid state rigs already have a fixed impedance output of 50 ohms so a dummy load with a modern radio is not needed. There is no use in tuning a rig which already presents 50 ohms into a dummy load.

The antenna tuner is another thing. Older type radios with valves employ an output network that simulates the operation of an antenna tuner. Where antennas of reasonable resonance are used, an antenna tuner is not needed with a valve rig - the tune up procedure with a valve job does the trick.

Not so with solid state radios. An SWR of around 1.5:1 or more cause a shutdown in power. An antenna tuner in these cases is a must.

ORARC MEMBER'S E-MAIL ADDRESSES.

With the growing popularity of e-mail amongst PC owners in general, and active amateurs in particular, a suggestion was recently floated to include a mini-directory as a regular feature in OXTALES. The harmless drudge who currently compiles OXTALES has agreed to do just that, thus making an even nicer fellow out of himself.

If you are an e-mail user, and would wish to have your e-mail address appear in the pages of OXTALES bi-monthly issues, then just poke along some sort of a note to Trevor, VK2TT, be it a packet message to his PMS on VK2TT-2, or via the BBS to VK2TT@VK2ATM, or via the twisted pair, or via a tap on the shoulder at the monthly meetings, or Snail-Mail to "Khandani" 698 Rosewood Rd., WAUCHOPE 2446, or over the air, or to gramps@felglow.com.au. Yes, I have stuck my toe in the murky e-mail waters, and I am starting to regret it a little, already!.

So far, we have the following members listed:

VK2FT (Jason)	jasonm@tsn.cc
VK2GD (Allan)	anut@ozemail.com.au
VK2JJ (John)	jjones@felglow.com.au
VK2TT (Trevor)	gramps@felglow.com.au
VK2VY (John)	vk2vy@bigpond.com.au
VK2ATM (Arthur)	arfamo@midcoast.com.au
VK2AYD (David)	davpil@midcoast.com.au
VK2DAL (David)	davsmith@felglow.com.au
VK2HOT (Bruce)	brucew@tsn.cc
VK2KCE (Ken)	hastbrak@nor.com.au
VK2UPR (Paul)	dapto@midcoast.com.au
VK2ZCV (Bill)	lts1@nor.com.au

- Trevor VK2TT

For World Travellers.

Travelling Through Europe? Or anywhere else in the world? Be aware of the security measures that are now being enforced at airports and how you can help to ease the problems.

In December Dee and I were travelling from Frankfurt Germany to London UK. As it was a short flight we decided to pack all our belongings into our two cases and travel light. So everything, toilet gear, camera, etc., was packed including my 2m handheld and my GPS receiver. I never imagined the consequences!

On arrival at London no cases. British Midland who we were flying with (on a United ticket) told us that the bags have probably been impounded by security for checking and should be on the next flight. So here we were in London, not even a toothbrush between us!

Every few hours I called British Midland (they never attempted to call me) as was told each time they were on the next flight. Flights are very frequent. Nothing arrived. The next day I was told they were on a Lufthansa flight due at 11.30am. At 1.05pm I called again and was told only one case had been released and it would arrive later in the afternoon. At 1.10pm (yes 5 minutes later) a knock on the door and there were both cases! It makes you wonder about communications doesn't it?

A few days later I read in a national newspaper that

a terminal at Manchester airport had been closed for 4 hours whilst the bomb squad blew up a suspected bomb case. Only to find what they thought was semtex was in fact a 400g bar of Toblerone chocolate and, what they thought were detonators were in fact Tampons!

The lesson, or moral is, if you have anything, such as electrical equipment with you, HAND CARRY IT - especially your tooth brush.

de David - VK2AYD

Reference Morse - Latin - Hand Signals.

I am not suffering from some personal distemper but I feel the article under the above heading in December "OXTALES" is worthy of comment.

Every organisation has some governing rules in need of reform but requests for change should be put through correct channels. Usually we know the rules of a club before applying for membership and I think common-sense and good manners should be pre-requisites of membership.

A couple of meetings back, during a fun-exercise, we almost all failed a regulations examination paper. But we have to pass a regulations exam on our way to a Ham licence. It is an impediment to be overcome, and sometimes forgotten. Morse Code is also an impediment but it must be learnt because the rules say so. How many of us could pass a full-call 10 WPM exam. today?

Novice and full-call Theory is a snack to some but a nightmare to others, but like Morse code and regulations, it's a pre-requisite and it's got to be done.

So let's forget about all this "civil disobedience" nonsense, Latin and hand-signals, and get back to the basics, which are very straightforward. If we want to be an amateur radio operator, either full call or novice, stick to the rules.

If we want to go the other way, and mutineer

and buck the system as suggested by VK2XMS, who appears to be disenchanted with a few "old fuddy-duddy old-timers in the WIA", we should destroy all Morse keys, jiggers and keyers, and ban all correspondence to magazines pertaining to Morse code. Cancel amateur radio licences of anybody who dares mention the word "CW", and last but not least get rid of our pet dogs and cats and buy little pet piglets that will serve as a constant reminder that we were once HAM's.

Yours in Morse = and more and more Morse.

Allan - VK2MAI

TRACK SKIERS

Take it to Russia and you might get arrested for spying. Take it up a chairlift in Colorado, and you'll know exactly where you skied, how far and how fast. SportsTracker, follows a skier's progress by using GPS.

Skiers can rent a lightweight GPS receiver the size of a pack of cigarettes, turn it in at the end of the day and get a map of the mountain with coloured lines showing where they skied and how fast.

The gadget was created by "Hoot" Gibson, who hopes it will catch on even with golfers. Last year, an American technician using GPS equipment to install a mobile phone system in Russia was arrested on espionage charges. He was later released.

"Hoot" said he plans to add a 911 button allowing skiers to signal if they are in trouble so authorities can locate them instantly.

(Associated Press/HudsonLoop)

DIGITAL TV.

For those of you who have Satellite or Cable TV, digital is not new. However in the UK right now there is quite a change occurring as digital starts to overtake analogue. Digital gives better reception and also offers a greater range of programmes and channels.

Terrestrial broadcasts such as BBC and ITV broadcast in

both digital and analogue format, but you need a "black box" to receive the digital. A normal analogue colour TV licence in the UK now costs the householder \$A275/year. On top of you have to buy this black box for that \$A740. Gets expensive!

Three options are currently offered. Option 1 is for terrestrial channels only. Cost once off for the black box and no additional charges. Option 2 is again terrestrial (such as Cable) and need a different "black box" which costs \$A540 plus a connection fee of \$27 and a monthly rent between \$A22 and \$A108. This offers many more channels. Option 3 is a satellite service and costs are very similar to Option 2.

So now the race is on. Do we get SBS here in the Hastings or will terrestrial digital arrive first?

Oh yes, to keep TV owners honest they have 40 detector vans in the UK. They estimate over 2 million people are still unlicensed and last year 400,000 were caught and fined. From an article I read, the vans are not very successful, especially around apartments. The success is simply to door knock and ask to see the licence !!!

- David (VK2AYD)

MISSING CLUB EQUIPMENT

During the recent activities in the preparations for installation of equipment at our Telegraph Point repeater site, it was noted that our new 2 Metre Antenna is missing.

The missing antenna was purchased at the Wyong Field day in February 1998 and its present whereabouts is unknown to the Repeater Committee and helpers. The antenna is a Ground Independent Half-wave device, white in colour, with a black heatshrink matching coil. The brand name is Mobile One.

If any member is aware of the location of this antenna, it would be most appreciated if advice of its whereabouts could be given to the Equipment Officer, as promptly as possible, please.

BACK TO SCHOOL FOR EVERYONE

The European Commission had just announced an

agreement whereby English will be the official language of the European Union rather than German, which was the other possibility. As part of the negotiations, Her Majesty's Government conceded that English spelling had some room for improvement and has accepted a 5-year phase-in plan that would be known as "Euro-English".

In the first year, 's' will replace the soft 'c'.

Certainly, this will make the sivil servants jump with joy. The hard 'c' will be dropped in favour of the 'k'. This should klear up konfusion and keyboards kan have one less letter. There will be growing publik enthusiasm in the sekond year when the troublesome 'ph' will be replased with the 'f'. This will make words like 'fotograf' 20% shorter! In the third year, publik akseptanse of the new spelling kan be ekspekted to reach the stage where more komplikated changes are possible. Governments will enkorage the removal of double leters which have always ben a deterant to akurate speling. Also, al wil agre that the horrible mes of the silent 'e' in the languag is disgrasful and it should go away.

By the 4th year, peopl wil be reseptiv to steps such as replasing 'th' with 'z' and 'w' wiz 'v'. During ze fifz year ze unesary 'o' kan be dropd from vords kontaining 'ou' and similar changes vud of kurs be aplid to ozer kombinations of leters. After ze fifz yer ve vil hav a rai sensible ritn styl. zer vil be no mor trubl or difikultis and evriun vil find it ezi tu undrstand ech ozer.

Zen Z Drem Vil Finali Kum Tru!

- David (VK2AYD)

[Reprinted from the PMQ Masonic "Daylight Express".]
[The OXTALES Spell Check Custom Dictionary has been repaired and amended accordingly... Ed.]

CAPE CANAVERAL

In early December I was in Florida and spent a wonderful day at the NASA Space Centre where I was able to see a rocket close up and look at the mock-up of the new space laboratory which is being put together in orbit over the next three years.

From the pictures we see on TV, it is hard to visualise the size of these monstrous rockets. On Friday December 4, I was lucky enough to see a 3.30 am blast off and was really thrilled.

If you check your calendar for the year 2000, you will find it's a leap year. February has 29 days! So what's so extraordinary about that? Well, the year 1700, 1800 and 1900 were not leap years, yet they are divisible by 4.

Our year, which is based on the Earth's rotation around the Sun, is 365 days, plus just under 6 hours. The six hours are accumulated and every 4 years we create a leap year. However this is not precise as we have this slight difference of under 6 hours. So every 100 years we omit the leap year and every 400 years we include it. The year 2000 will include this extra day. So we start the millennium with a reasonably true universal time.

de David - VK2AYD

[If members look at page 3 of OXTALES for December 1997, they will note that valuable prizes were offered for this vital information. The above is the first answer received. However, the statute of limitations apply here and claims cannot now be considered. Further, the Autographer hasn't arrived home yet!.... Ed.]

The Birth of the 'Q' Code.

In 1908, the British Post Office, despairing of action to agree an international code of abbreviations, issued its own list of two letter abbreviations intended for use between British coast stations and ships.

The list published in the PMG's Instruction for Telegraphists, included abbreviations RA to RZ and SA to SF. The International Radiotelegraphist Convention, held in London in July 1912, adopted and extended the GPO abbreviations. Q was added as the first letter and so the Q code was born. The new code ran from QRA to QRZ, QSA to QSX.

On 1st July 1913, the Q code became the official information code, updated as changing circumstances demanded, to include new codes relating to such matters as aviation and maritime.

de David (VK2AYD) *[As Researched by WA1HMMW]*

Besides the space laboratory, during the next few years there will be a concentrated invasion of probes and scientific devices on Mars. It takes 11 months to make the 40 million mile journey. On January 3, special probes were dispatched to Mars to determine, or endeavour to find, where the water went. (It seems the little green people have refused to tell).

Mars was once in the same orbit distance from the Sun and as planet Earth slowly spirals towards the Sun, I guess Venus will be next to take up station in our orbit. I wonder why we aren't planning to investigate Venus? - perhaps the little blue people haven't issued visas yet.

de VK2AYD

KNOW WHERE YOU ARE!

My latest "toy" is a Garmin GPS 12, hand held (smaller than a cell. phone) personal navigation system.

I really am amazed at its capabilities and accuracy being able to pin point your position within 1 to 5 metres. At last I can venture down the back paddock and find my way back to the house!

This particular GPS was designed with the fisherman/marine and trekker in mind. Just great for remembering where the fish are, or where your mate is if he falls overboard (instant MOB button), or of course for out-back motoring or trekking through the hills.

The unit has 5 selectable screens, a) Satellite status, b) Position, c) Map, d) Compass and e) the Main Menu.

The Position screen provides an abundance of data. It has a tape compass, shows your position in Long. and Lat., the precise time with 1/60th of a second, your Track in degrees, Speed, Distance travelled, Altitude, Average speed and Maximum speed. (I know 2DAL has one in his car - but I can carry this GPS in my pocket!).

I couldn't get a map of the Hastings. Best I could find in the software department was Tasmania. However the Map Screen shows your track within 0.2m so when travelling to awaypoint it will also give your ETA or ETE. Lotsa fun - all I need now is an off-road vehicle!

de David - VK2AYD

Kitchen Technology Spreads to the Digital Arena.

This is a true story. Only the names have been changed to protect the innocent.

Fred has been a user of the ubiquitous Mobile Telephone (Yuppie Phone, Poser-phone, call it what you will) for some time. Although quite satisfied with the service from his faithful analogue device, he, like many others, recognised some merit in moving into what was being touted as the wonders of the digital system that would soon relegate the analogue system to the trash-can. It should be noted that Fred, like many of us who have clocked up between 3- and 4-Score orbits around old Sol, has a hearing loss, and as a consequence, uses a hearing-aid.

In his examination of the market, Fred decided upon a Model-x/Brand-y digital unit, made the purchase and scuttled off home to put it on the air. His first test (he called his domestic, twisted-pair telephone in the lounge room) was disappointing. His domestic telephone *did* ring OK, but he was only just able to hear the ring-tone on his digital unit. The ring tone was accompanied by a high level of horrific, crackling noise. Conversation would have been impossible. A couple of additional test calls had the same results.

A trip back to the vendor resulted in a clean bill of health for the digital device. So Fred tried it at home again. Still the problem persisted.... unacceptable crud blotted out most of the wanted signal. He asked his XYL to have a listen, and to his surprise, she gave it a clean bill of health! "Perfect", she said. Hmmm! Fred, not actually disbelieving his XYL's assessment, but believing in the old adage that "To measure is to know", did another test. He recorded on tape, the output of the earpiece after dialling a test number. On play-back.... you guessed it.... same old crud.... unusable.

Further discussions with the vendor, and a few practical tests later, revealed that both Fred's hearing-aid, and his tape-recorder, did *NOT* like the close proximity of the digital "yuppie phone"! As Maxwell Smart may have already said "The old Hearing Aid Interference trick, Eh?" Sort of an overload on the audio-amps in these devices. What to do now?

Trials of different models from different manufacturers

revealed variable levels of crud from the Hearing-aid, but with Model-a/Brand-b being the least objectionable, albeit somewhat short of satisfactory. Fred took this best-of-a-bad-lot unit home, and in true amateur style, very quickly, and very simply, solved the problem.

Pinching a small piece of his XYL's aluminium cooking foil, he judiciously rolled the "business" module of the hearing-aid in this magic sheet. It was easy to smooth and bend it neatly to the profile of the module such that the whole caboodle was screened, unobtrusive and completely comfortable when in place behind the ear. Result ? perfect, noise-free reception... happy customer. End of true story.

Hearing-aid manufacturers, please note!

de Trevor (VK2TT)

[There is no evidence to support a wild rumour that an acquaintance of Fred's (who is fitted with a pace-maker) has just bought a roll of Alfoil and some scalpels... Ed]

For Sale

PS-430 Kenwood Power Supply 13.8v @ 20A
\$150

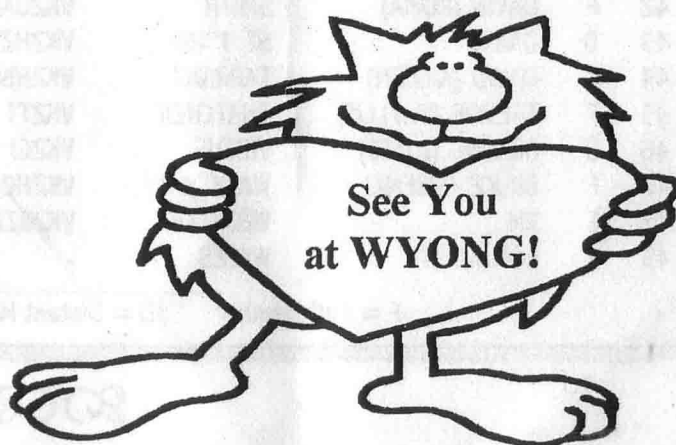
MFJ-202B RF Noise Bridge \$100

EAT-300 Emtron Antenna Tuner \$150

USG-20D University Sig. Gen. 120kHz-
500mHz \$30

Trio Sig. Gen and Trio Audio Gen \$80 each

Call Barry Simeon (Ex-VK2ETH)
Port Macquarie 02 6582.2928





**OXLEY REGION AMATEUR RADIO CLUB Inc.
MEMBERSHIP REGISTER.**

Cat.	FIRST NAME (Spouse)	SURNAME	CALL SIGN	TOWN/CITY	TPH. NO.
1	F JOHN (FLORENCE)	BAILEY	VK2KHB	PORT MACQUARIE	02 6582.2192
2	F JOHN (MARY)	BAYLIS	VK2JB	PORT MACQUARIE	
3	F COLIN (JAN)	BELLENGER	VK2AF	PORT MACQUARIE	02 6582.3803
4	F BOB	BRODIE	VK2EJK	PORT MACQUARIE	02 6582.0592
5	F ROY W (JUNE)	BURGESS	VK2YOR	PORT MACQUARIE	02 6583.9349
6	F PETER (COLLEEN)	BURLS		PORT MACQUARIE	02 6583.5161
7	F BRUCE	CLARK	VK2MAZ	PORT MACQUARIE	02 6583.5245
8	F KEVIN (JUNE)	COULTER	VK2MAM	PORT MACQUARIE	02 6583.8325
9	F RICHARD (LINDA)	COURT	VK2CHC	WAUCHOPE	02 6585.2379
10	F IAN	DALRYMPLE	VK2XU	PORT MACQUARIE	02 6584.9922
11	F JIM	DANIELS	-	PORT MACQUARIE	02 6583.1933
12	F CHARLES (PAT)	EDMONDSON	VK2FSH	PORT MACQUARIE	02 6584.0495
13	D STAN	ELLIS	VK2DDL	TUNCURRY	
14	F BADEN (VALERY)	GLEESON	VK2MOQ	PORT MACQUARIE	02 6582.2018
15	F LEWIS (PAMELA)	GREEN	VK2AG	PORT MACQUARIE	02 6584.9162
16	F GRAEME	GREENWOOD	VK2ZIS	PORT MACQUARIE	02 6583.4684
17	L KEITH	HANLON	-	PORT MACQUARIE	-
18	D BARRY (JOAN)	HARWOOD	VK2BAZ	GUNNEDAH	
19	L PETER	HILL	VK2BZA	LAKE CATHIE	02 6585.5349
20	F SNOW	HODDER	VK2DV	PORT MACQUARIE	02 6583.7095
21	F WILL (CAROL)	JAMIESON	VK2XXU	DUNBOGAN	02 6559.8622
22	F DON	JONES	-	PORT MACQUARIE	02 6582.5084
23	F JOHN (THEA)	JONES	VK2JJ	LAKE CATHIE	02 6585.4522
24	D BRIAN	KELLY	VK2WBK	TAMWORTH	02 6776.2004
25	F JACK	LEEDS	VK2KN	PORT MACQUARIE	02 6582.5991
26	L LARRY	LINDSAY	VK2CLL	WAUCHOPE	02 6587.1155
27	L HENRY	LUNDELL	VK2ZHE	PORT MACQUARIE	-
28	F KEITH (GWEN)	LUTTON	VK2KDL	TELEGRAPH POINT	02 6585.0321
29	F ALLAN (DAWN)	MADIGAN	VK2MAJ	WAUCHOPE	02 6585.2043
30	F JASON	MARIS	VK2FT	TELEGRAPH POINT	02 6585.0426
31	F JOHN (KARIN)	MCDONAGH	VK2VY	PORT MACQUARIE	02 6582.0020
32	F DOUG	MCDONALD	VK2EUM	PORT MACQUARIE	02 6583.6157
33	F JIM	MCINTYRE	VK2CJM	PORT MACQUARIE	02 6583.5696
34	F JOHN	MCLEAN	VK2KCE	PORT MACQUARIE	02 6583.7400
35	L ARTHUR (WENDY)	MONCK	VK2ATM	PORT MACQUARIE	02 6583.1311
36	F ALLAN	NUTT	VK2GD	PORT MACQUARIE	02 6582.3557
37	F DAVID A (DEE)	PILLEY	VK2AYD	KING CREEK	02 6585.2647
38	F PAUL (BARBARA)	ROMAINE	VK2UPR	PORT MACQUARIE	02 6584.1830
39	F BILL	ROTH	VK2CWR	PORT MACQUARIE	02 6581.1776
40	F NEIL (VERENA)	SANDFORD	VK2EI	PORT MACQUARIE	02 6582.5830
41	F BILL (RUTH)	SINCLAIR	VK2ZCV	PORT MACQUARIE	02 6583.9302
42	F DAVID (ROMA)	SMITH	VK2DAL	WAUCHOPE	02 6585.1004
43	D DARYL	ST. JOHN	VK2MZ	FORSTER	
44	F DAVID (AILEEN)	TARRANT	VK2HBC	WAUCHOPE	02 6585.6381
45	F TREVOR (PHYLLIS)	THATCHER	VK2TT	WAUCHOPE	02 6585.2278
46	D GRAEME (JOYCE)	VIRTUE	VK2GJ	BRUNSWICK HEADS	02 6685.1336
47	F BRUCE (GWEN)	WALKER	VK2HOT	PORT MACQUARIE	02 6583.8360
48	F JIM	WEBSTER	VK2BZD	PORT MACQUARIE	-
49	F RONALD W	WYLES	-	PORT MACQUARIE	02 6583.9742

F = Full Member D = Distant Member L = Life Member

