

# OXTALES

First published 1980

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

Club e-mail address: vk2bor@orarc.org

Club Website: www.orarc.org

Club Nets on VK2RPM  
 146.700MHz  
 Every Sunday at 0830  
 Every Tuesday at 1930

ORARC's FORTIETH ANNIVERSARY YEAR

## May 2011

Compiled by VK2TT & VK2AYQ

PRESIDENT: Henry Lundell VK2ZHE 6582.0534  
 VICE PRES: Bruce Walker VK2HOT 6583.8360  
 TREASURER: John Bailey VK2KHB 6582.2192  
 SECRETARY: John McLean VK2KC 6584.6220

### President's Report

The ORARC 2011 Field Day is rapidly approaching. It will be held at the Tacking Point Surf Lifesaving Club hall in Matthew Flinders Drive near the Lighthouse at Tacking Point on the Queen's Birthday Weekend in June. As in previous years the Field Day will be a two day event. I'm certain that by now everyone has the dates Saturday the 11th and Sunday the 12th of June marked on their calendars! Those with long memories will recollect that we have previously held Field Days at the Tacking Point Surf Club, and that it is an excellent venue.



The Field Day is being held at the Tacking Point Surf Club hall this year due to the WinterSun Festival taking place in the Port Macquarie CBD this year only. The festival runs over the June Long Weekend. Next year the WinterSun Festival will be in another town to be named shortly. Therefore the change of venue for our Field Day is for 2011 only. We will be able to return to the Sea Scout Hall for our 2012 Field Day.

While the 2011 Field Day is our 36th annual Field Day, the theme will of course be club's 40th anniversary. The actual birthday is the 2nd of October 2011 which is the Sunday of the Labour Day Long Weekend and we will hold a special event

on the 2nd of October 2011 to celebrate the actual anniversary of our founding.

The Oxley Region Amateur Radio Club has been issued the special event call sign VI40BOR for the period 1st June 2011 to 30th October 2011 to commemorate our 40th birthday. VI40BOR will be activated on HF and VHF on Sunday the 12th of June 2011 during the ORARC Field Day. It is planned to activate the call sign on at least three other occasions and to issue a certificate to stations that work VI40BOR on four activations. More news of this award later. Bruce Walker VK2HOT is co-ordinating the activations and the award. One of the activations will take place on the October Long weekend to coincide with the actual 40th anniversary

*(Continued on Page 6)*

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## Down The Coax

All scheduled meetings held in the S.E.S. Building  
Central Road, Port Macquarie,

**Friday Night Get-Together**  
**Friday 20th May 2011 7.00pm**

**June Monthly Meeting**  
**Saturday 4th June 2011 2.00pm**

**Car Rally Sprint**  
**Sunday 5th June 2011**  
**(See notice this page)**

**ORARC Field Day Weekend**  
**Sat-Sun 11th-12th June 2011**  
**See notice on P5 &**  
**attached programme**

**Friday Night Get-Together**  
**Friday 17th June 2011 7.00pm**

**July Monthly Meeting**  
**Saturday 2nd July 2011 2.00pm**

## e-mail Directory

*Reflects ALL changes notified up to  
30th April 2011*

VK2AG	LEWIS	lewisgreen@bigpond.com
VK2EI	NEIL	neilsan@tpg.com.au
VK2EJ	CHRIS	Chris@CalmDowns.org.au
VK2EM	BRUCE	vk2em@tpg.com.au
VK2KC	JOHN	vk2kc@bigpond.com
VK2TT	TREVOR	grumps@midcoast.com.au
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VK2AYQ	JOHN	hansenjo@ozemail.com.au
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VK2CLL	LARRY	lindsay@clearmail.com.au
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VK2HPF	PETER	fletcher@physics.usyd.edu.au
VK2IEV	JOE	rbivona@bigpond.com
VK2KCE	CHARLES	cpedmond@midcoast.com.au
VK2KSM	STUART	stuartmelville@bigpond.com
VK2LPN	LEONIE	leonienewey@ymail.com
VK2VIV	JIM	jim.neil@gmail.com
VK2VTH	STEVEN	sharkbait_@hotmail.com
VK2YOR	ROY	rjburgess@bigpond.com
VK2ZCM	CRAIG	vk2zcm@dodo.com.au
VK2ZCV	BILL	ws154224@bigpond.net.au
VK2ZCW	BILL	cabrooke@westnet.com.au
VK2ZHE	HENRY	lundell@tpg.com.au
VK2ZIS	GRAEME	admiral@midcoast.com.au
VK2ZTM	TIM	tim.ztm@gmail.com
VK2FABJ	AILSA	cabrooke@westnet.com.au
VK2FBRG	BARRY	bgilson11@hotmail.com
VK2FCVI	LYLE	vk2fevi@cv27.net
VK2FJDH	JOSH	holmesj91@gmail.com

## Net Controllers' Roster

Nets on Voice Repeater VK2RPM 146.700 MHz

**Sundays** (0830 Local)      **Tuesdays** (1930 Local)

May 2011

VK2OA	May - 01	VK2ZCM	May - 03
VK2VIV	May - 08	VK2ATM	May - 10
VK2TT	May - 15	VK2ZHE	May - 17
VK2OA	May - 22	VK2EI	May - 24
VK2VIV	May - 29	VK2AYD	May - 31

June 2011

VK2TT	Jun - 05	VK2ZCM	Jun - 07
VK2OA	Jun - 12	VK2ATM	Jun - 14
VK2VIV	Jun - 19	VK2ZHE	Jun - 21
VK2TT	Jun - 26	VK2EI	Jun - 28

July 2011

VK2OA	Jul - 03	VK2AYD	Jul - 05
VK2VIV	Jul - 10	VK2ZCM	Jul - 12
VK2TT	Jul - 17	VK2ATM	Jul - 19
VK2OA	Jul - 24	VK2ZHE	Jul - 26
VK2VIV	Jul - 31		

## e-mail Directory Cont'd

VK2FKJA	KEITH	kjapivate@exemail.com.au
VK2FJKD	JIM	jaidanl@bigpond.com
VK2FMDW	MICHAEL	wardymd@gmail.com
VK5DK	COLIN	vk5dk@bigpond.com
VK5JL	LES	lnbjanes@tpg.com.au
VK5NC	TREVOR	vk5nc@bigpond.com
VK9FLHI	DES	lhibluelag@bigpond.com

## Car Rally Sprint Sunday 5th June 2011

It is advised that the Car Rally Sprint that was postponed last month, will now be held on the above date.

Members who had earlier indicated their availability for the postponed event, are requested to advise Bruce (VK2HOT) if they are still available to participate on this new date. The time to attend is still 8.30am, and the meeting place is still as per your issued information sheet, i.e. in the clearing at the junction of Corrigan Rd., and Boyds Rd, westward of the Herons Creek Mill complex.

**Please advise Bruce of your Availability.**

# ADVENTURES WITH ECHOLINK

(Bill Brooke, VK2ZCW)

Little did I think when I offered, in December, to set up an Echolink Repeater node for ORARC, that I wouldn't be completely finished with the job till the end of February!

It was a long but very interesting process which I'll divide into sections to make it more understandable. I approached Chris Minahan, VK2EJ, and he kindly gave me his complete station to use if I wanted to. I looked at this when I returned home but decided that my knowledge of setting up the networks was not sufficient to do this. I run a Small Office Home Office (SOHO) network using Ethernet over the power line and I would have to change all the settings in his computer to make it compatible with my system. Later experience has shown me this would not have been anywhere near as difficult as it appeared to be then.

First. The computer link. My computer in the shack was an old 600Mb processor unit running Windows XP, but it was excruciatingly slow. I asked around to see if anyone had an old but faster computer I could buy and John VK2KC provided me with one from his former business that had an 1800Mb processor to use at the **Best** price.

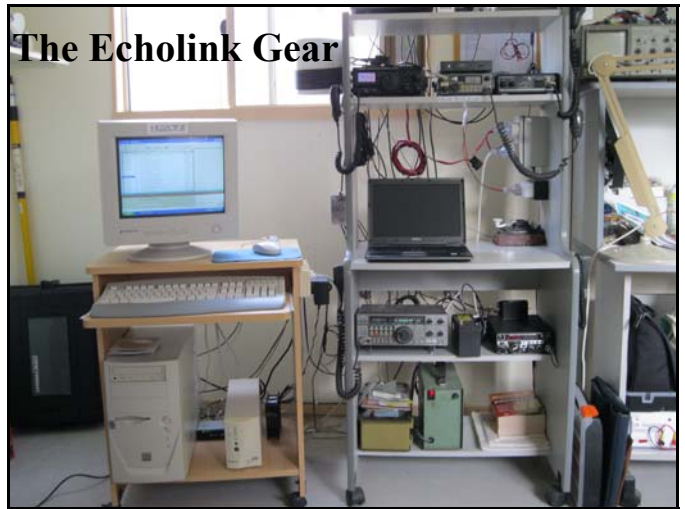
I installed this in the shack, but found the onboard sound card wouldn't work. Luckily I had a PCI Sound-Blaster card handy so in it went and I was in business so I thought! Setting up the Echolink program as a repeater was a breeze.

The SOHO network was setup OK but I had to organise the "Port Forwarding" from the Router to the Echolink computer so Echolink could communicate with the computer.

There is a lovely program called PF Config that I downloaded and it sets up your port forwarding for you with the minimum of fuss. Yeah Well!!!!!! I spent days running to and fro from the house to the shack trying various ways to get it to give me the access to the TCP and both UDP ports required by Echolink together without success.

I could get one UDP to work but not both together and it was not always the same port. Finally after a couple of weeks I cracked it. I rebooted the router, using the "Custom Applications" window, manually set up PC Config to forward the TCP and one UDP as an application then set it up to forward the TCP and the second UDP as another application. Then I selected

"Update Router" and both applications downloaded correctly and I was able to get the Echolink Firewall/Router test to complete successfully and I could log in to the Test Server. Sigh of relief!!!!!!



Second. The Interface. I had a number of similar circuits to choose from so I built up one using an opto-coupler as the keying controller from the serial port and transformers to couple the audio for Mike I/P and Loudspeaker O/P to the sound card. The transmitter wouldn't key! The opto-coupler wouldn't pass enough current to do the job so a transistor was substituted in the socket and bingo! Keying established, the transistor was soldered into circuit and the interface was in business. But No!!!!!!!!!!!!

I could only get sound in one direction!!!! I verified sound through both the transmit and receive sides of the interface, tried four different sound cards, two computers, same result. After another week or so of wasted time, trying everything I could think of with level settings etc., the system suddenly sprang into life both ways and I still don't know why!!

I gratefully accepted the fact that I could get sound through as it should and was able to use the Test Server and set the levels. Then the transformer on the Loudspeaker line failed just to add insult to injury, but as I had a spare, this was only a temporary hold-up. I found that having got it working on one computer I could set up others with no problem, so the system was on the air at last.

Then Arthur, VK2ATM, handed over to me a computer he had built and donated to ORARC for the Echolink system so that when I have to give it up it can go as a complete club system to the next operator who will only have to provide a transceiver and modify the connections to suit.

The last part of the saga was getting the audio levels fine-tuned to get the best



and most noise-free sound.

Trevor, VK2TT, was trying to use the system and advised that the off-air level was too high, so we met on air and I adjusted the level till he was happy. Trevor used a computer program to compare the two-way sound with excellent results and I'm delighted with the final system operation having had a couple of excellent QSO's with amateur operators in the USA with good signal reports both ways.

I hope all club members will avail themselves of the system and enjoy its use for the foreseeable future and I'm extremely grateful to all the club members named for their help along the way. ■

### John Moyle Field Day Contest

Below is the chart showing the details of contacts made during this event on Saturday 19/03/2011.

The club's caravan was again used for this event and the nourishment requirements of the crew were well catered for by a sausage sizzle at the QTH of Henry (VK2ZHE).

Members who attended at the scene were: Arthur (VK2ATM), Neil (VK2EI), Bill (VK2ZCW), Bill (VK2ZCV), Henry (VK2ZHE) and Trevor (VK2TT) - the latter member was there to enjoy the "sizzle" and get some photographic samples of the day's activities.

Details of the score for the day are shown in the adjacent column.

Time (UTC)	Band MHz	Mode	Call	Sign	Number Sent	Number Received	Points	Distance	Grid Square
01:02	7	SSB	VK2HZ		59001	59001P	2	362	QF46VO
01:06	7	SSB	VK4IZ		59002	59002P	2	468	QG62LS
01:07	7	SSB	VK4GIJ		59003	57007P	2	299	QG61FF
01:10	7	SSB	VK2AZD		59004	59011P	2	304	QF59BW
01:11	7	SSB	VK4BAR		59005	59002P	2		
01:14	7	SSB	VK2HBG		59006	59016P	2	429	QF55FG
01:15	7	SSB	VK2MCI		59007	59006P	2	326	QF56MB
01:19	7	SSB	VK1HW		59008	59012P	2		
01:21	7	SSB	VK2AWA		59009	59010P	2		
01:24	7	SSB	VK4MIT		59010	59016	2		
01:33	7	SSB	VK3ER		59011	59013P	2		
01:37	14	SSB	VK6SH		59012	59013P	2		
01:39	14	SSB	VK3HJA		59013	59009P	2		
01:42	14	SSB	VK5LZ		59014	59014P	2		
01:51	14	SSB	VK5BAR		59015	59010P	2		
03:28	7	SSB	VK3ANR		59016	59046P	2		
03:32	7	SSB	VK2AWX		59017	59076P	2		
03:34	7	SSB	VK1WX		59018	59005P	2		
03:39	7	SSB	VK3HJA		59019	59042P	2		
03:40	7	SSB	VK3FRC		59020	59071P	2		
03:44	7	SSB	VK2AOJ		59021	59043P	2		
03:47	7	SSB	VK3AWS		59022	59026P	2		
03:49	7	SSB	VK3MV		59023	59027P	2		
03:56	14	SSB	VK7WCN		59024	59014P	2		
03:58	14	SSB	VK4WAT		59025	59060P	2		
04:02	14	SSB	VK6AHR		59026	52036P	2		
04:05	14	SSB	VK6SH		59027	59036P	2		
04:08	14	SSB	VK5LZ		59028	59043P	2		
04:13	14	SSB	VK4WIT		59029	59018P	2		
04:16	14	SSB	VK6LS		59030	59036P	2		
04:19	7	SSB	VK2SRC		59031	59063P	2		
04:23	7	SSB	VK2MCI		59032	59050	2	326	QF56MB
04:26	7	SSB	VK2AOJ		59033	59067P	2		
04:28	7	SSB	VK5LZ		59034	59083P	2		
04:31	7	SSB	VK1HW		59035	59102P	2		
04:32	7	SSB	VK2AWA		59036	59096P	2		
04:34	7	SSB	VK3AWS		59037	59035P	2		
04:37	7	SSB	VK3HJA		59038	59080P	2		
04:39	7	SSB	VK2AFY		59039	59033	2		
04:40	7	SSB	VK7NET		59040	59107	2		
04:43	7	SSB	VK2AWX		59041	59123P	2		
04:46	7	SSB	VK4BAR		59042	59044P	2		
04:48	7	SSB	VK2HBG		59043	59123	2	429	QF55FG
04:50	7	SSB	VK2SF		59044	59016P	2		
04:52	7	SSB	VK4IZ		59045	59086P	2	468	QG62LS
04:57	7	SSB	VK7VAO		59046	59039P	2		
05:04	7	SSB	VK2MJB		59047	59023P	2		
05:07	7	SSB	VK5FTDM		59048	59014P	2		
05:11	7	SSB	VK5TE		59049	59085	2		
05:14	7	SSB	VK3FRC		59050	59099P	2		
05:16	7	SSB	VK2IM		59051	59021	2		
05:18	7	SSB	VK4GH		59052	59136P	2		
05:25	7	SSB	VK4HF		59053	59154P	2		
05:29	7	SSB	VK5BAR		59054	59061P	2		
							Total Points	108	



**Above: Arthur (VK2ATM) and Neil (VK2EI) at the operating desk in the club's van**

**Below: Bill (VK2ZCW) moved in on the swing-shift and released Arthur to take nourishment. (see pic on P 7)**



## Replacement 2-M Repeater VK2RPM

ORARC's 2-metre voice repeater on Middle Brother Mountain, was rejuvenated with a major "transplant" on Wednesday 20th April. Our old faithful Philips 50 watt FM814 based repeater was replaced with a brand new commercial unit, an Icom IC-FR3000 50 Watt commercial VHF repeater. The old 2-metre repeater now becomes the Middle Brother 2-metre site spare.

The new unit underwent confidence trials over the past few months and, although recent inclement weather delayed its final installation on the mountain, it is now fit, well and operational in its new home, in the repeater cabinet.

It was put in place by a tireless

working party, the members of which had earlier set it up for the confidence trials and tests at Henry's (VK2ZHE) QTH. (See picture below)

The equipment mounted above the Icom 2-metre repeater comprises the VK2RPM 438.525 MHz Philips FM815 50 Watt UHF voice repeater. This consists of (from the bottom) the FM815 receiver, then the FM815 transmitter, and at the top of the rack, is the Polar Type CI band-pass UHF duplexer for the 438.525 Repeater.

Members will recall an earlier item in Oxtales covering John McLean's superb machining efforts in modifying the cavity pass-band reject duplexer for the 146.7MHz 2 metre repeater. These use the 6" cavity filters (coaxial resonators, to use the correct terminology).



**ORARC's 36th Annual Field Day will be held on  
Sat/Sun 11th-12th June 2011 at Lighthouse Beach Surf Lifesaving Club.  
The programme for the event comes as an attachment to your  
May 2011 OXTALES.  
Looking forward to seeing you there!**



## Enhanced Broadband Wireless (By Arthur VK2ATM)

When I decided to go broadband internet I opted for the wireless offer from DODO for 250Mb peak or 500Mb off-peak for \$9.80 per month with free dongle and router.

The convenience of portable operation from my notebook wherever Optus 3G was available suited my needs.

Unfortunately they advised me that reception was not available at my address and it took some persuasion to grant the contract. The signal level was marginal with the modem dongle plugged into the USB port direct. A little ingenuity and an extension USB cable to the top shelf of my ham shack increased it to level 3-4 with extreme variations due to weather.

An eight meter powered USB cable

with a head amplifier enabled me to mount the dongle on a pole outside the shack with a line of sight to the Optus tower on Transit hill. This brought the signal up to a solid level 5. These cables are available from "lindy.com.au" and Jaycar.

Then it was suggested that I might try an old Austar dish and get even more gain and after considerable refurbishing, so it proved, but was really unnecessary although very satisfying to achieve 1.8MB/S throughput.

A little work with a hacksaw on the old LNC and boring out to fit the dongle meant that I could use the original mounts, although the dish had to be mounted upside down to get the right angle of attack for a near horizontal beam.

Now I have a secure internet connection which no-one can hack into unless they were between me and the tower.



The "Dongle" in situ



The Final Assembly

### Passing of Eileen Hanlon

It is with regret that we have to advise the passing of Eileen Hanlon, beloved XYL of ORARC Life Member, Keith Hanlon.

Eileen passed away peacefully on April 25th 2011. The Rite of a Christian Burial for Eileen was celebrated in St Agnes Catholic Church, Hay Street, Port Macquarie on Friday, April 29th 2011.

The membership of ORARC join with Keith and family in sharing the deep sorrow that comes with the loss of a loved one.

### *(President's Report Cont'd from P1)*

on Sunday the 2nd of October 2011. The Oceania Contest also runs on the Saturday and Sunday of the same weekend so VI40BOR will be very popular.

2011 is certainly the year for special event call signs. As well as VI40BOR keep an ear out for VI50AOA and VK40SGARS. The Orange and District Amateur Radio Club are celebrating their 50<sup>th</sup> anniversary in the first half of this year with their special event call sign VI50AOA which is active until the 30th of June 2011. The St George Amateur Radio Society are celebrating their 40th anniversary on the 4th of May 2011 with their special event call sign VK40SGARS which is active until the 31st of July 2011.

Users of the Middle Brother VK2RPM 146.7 MHz two metre repeater

will have noticed an improvement in both signal strength from the repeater and in receiver sensitivity. New equipment has been installed following much needed cabinet repairs. The repeater now transmits and receives on the same dual band antenna as the co-sited 438.525 MHz UHF repeater using the 6 filter 2 metre duplexer built by club members. Thank you to everyone who has contributed to this major project.

It is hoped to install the new 438.425 MHz UHF repeater at the VK2RCN site at Telegraph Point in the next few weeks. This repeater is at long last now operating satisfactorily on test. Note that a 123 Hz CTCSS sub-audible tone is required in order to access this repeater.

Thank you to those members who operated the club station VK2BOR in the John Moyle Field Day on Saturday the 19th of March from the club's communications caravan.

The Sunday the 20th of March 2011 Bago Rallysprint car rally at Herons Creek had to be postponed due to wet weather. The new date for this event is Sunday the 5th of June 2011 and ORARC members will provide safety communications for the event. Bruce Walker VK2HOT is the ORARC co-ordinator. Bruce has already contacted those who had volunteered their services for the previous date.

He will be pleased to hear from anyone else who wishes to participate. Note that the 5th of June is the Sunday of the weekend before our annual Field Day.

Wet weather also caused cancellation of our planned VK2BOR operation from the Port Macquarie Town Green in the 2011 WIA National Field Day on Sunday the 17th of April 2011. It was disappointing that the day turned out to be very wet after a spell of magnificent weather during the week leading up to the weekend. Thank you to those members who took the time to operate from home and provided contacts for those stations who were active in the Field Day.

The weather held reasonably well for the 61st annual Urunga Amateur Radio Convention on Easter Saturday and Sunday the 23rd and 24th of April 2011. It was very pleasing to see a good representation of ORARC club members during the weekend. Thank you to those who attended.

This brings me to the next event which is our Field Day at the Tacking Point Surf Club hall on Saturday and Sunday the 11th and 12th of June. I am co-ordinating the Field Day this year, so please contact me by telephone or e-mail if you are able to help and I haven't already contacted you.

Henry Lundell VK2ZHE  
President



**Bill (VK2ZCV) and Henry (VK2ZHE) sizzling the snorkers and roasting the rissoles to feed the workers at the John Moyle event**







# OXLEY REGION AMATEUR RADIO CLUB Inc.

## MEMBERSHIP REGISTER.

(As at April 30th 2011)

No.	Cat.	Surname	Given	Spouse Name	Call	Location	Tph
1	0	ANDERSON	KEITH		VK2FKJA	LAKE CATHIE	02 6586.3988
2	0	BAILEY	JOHN	(FLORENCE)	VK2KHB	PORT MACQUARIE	02 6582.2192
3	D	BELL	ALAN		VK2BEL	COOLONGLOOK	02 6554.1689
4	0	BIVONA	JOE	(ROSE)	VK2IEV	PORT MACQUARIE	Mob 0405040953
5	L	BLYTH	BOB		VK2XIQ	TELEGRAPH POINT	-
6	D	BRICE	GRAHAM	(CYNTHIA)	VK2VV	SCONE	02 6545.0411
7	0	BRODIE	BOB		VK2EJK	PORT MACQUARIE	02 6582.0592
8	0	BROOKE	AILSA	(BILL)	VK2FABJ	PORT MACQUARIE	02 6581.0547
9	0	BROOKE	BILL	(AILSA)	VK2ZCW	PORT MACQUARIE	02 6581.0547
10	0	BROWN	STEVEN		VK2VTH	PORT MACQUARIE	02 6584.7885
11	0	BURGES	ROY	(JUNE)	VK2YOR	PORT MACQUARIE	02 6583.8801
12	0	COURT	RICHARD	(LINDA)	VK2CHC	PORT MACQUARIE	02 6584.6872
13	0	DANIEL	JIM		VK2FJKD	PORT MACQUARIE	02 6583.1933
14	0	EDMONDSON	CHARLES	(PAT)	VK2KCE	PORT MACQUARIE	02 6584.0495
15	D	EKERT	BRUCE	(YULIA)	VK2EM	FORSTER	Mob 0414532496
16	D	ELLIS	STAN	(BETTY)	VK2DDL	TUNCURRY	02 6554.7996
17	F	FLETCHER	PETER	CAROLINE [VK2CF]	VK2HPF	PORT MACQUARIE	02 6584.5191
18	0	FROST	ROBERT	(SUSAN)	VK2CRF	PAPPINBARRA	02 6587.6129
19	0	GILSON	BARRY	(FAY)	VK2FBRG	PORT MACQUARIE	02 6583.8814
20	0	GREEN	LEWIS	(PAMELA)	VK2AG	PORT MACQUARIE	02 6584.9162
21	0	GREENWOOD	GRAEME		VK2ZIS	McMAHONS POINT	-
22	L	HANLON	KEITH		-	PORT MACQUARIE	-
23	0	HANSEN	JOHN		VK2AYQ	PORT MACQUARIE	02 6582.7932
24	0	HARDING	DAVID	(ISABELLA)	VK2AIF	WAUCHOPE	02 6586.4980
25	0	HOLMES	JOSH		VK2FJDH	BONNY HILLS	02 6585.5148
26	D	HUTCHESON	COLIN	(PAULINE)	VK5DK	MT. GAMBIER	08 8725.5527
27	0	INGS	ALAN		VK2FTAB	SOUTH WEST ROCKS	02 6566.5342
28	D	JANES	LES	(BEVERLY)	VK5JL	SALISBURY HEIGHTS	08 8281.3878
29	0	KOPPEL	HORST		VK2FHKO	LAKE CATHIE	02 6585.5992
30	L	LINDSAY	LARRY		VK2CLL	WAUCHOPE	02 6587.1155
31	L	LUNDELL	HENRY		VK2ZHE	PORT MACQUARIE	02 6582.0534
32	0	MADIGAN	ALLAN	(DAWN)	VK20A	WAUCHOPE	02 6585.2043
33	0	MARTIN	CRAIG	(JENNY)	VK2ZCM	SANCROX	02 6585.3452
34	0	MCGUIRE	MARK		VK2FMGM	PORT MACQUARIE	02 6583.8875
35	0	MCLEAN	JOHN	(CORRINE)	VK2KC	PORT MACQUARIE	02 6584.6220
36	0	MEEHAN	TERRY		VK2KL	PORT MACQUARIE	02 6584.2997
37	0	MELVILLE	STUART		VK2KSM	BONNY HILLS	Mob 0419043316
38	D	MILLS	TIM		VK2ZTM	BEECROFT	02 9868.1434
39	H	MINAHAN	CHRIS		VK2EJ	HALLIDAYS POINT	02 6559.3516
40	L	MONCK	ARTHUR		VK2ATM	PORT MACQUARIE	02 6581.0960
41	0	NEIL	JIM	(CAROL)	VK2VIV	PORT MACQUARIE	02 6581.2481
42	0	NEWAY	DAVID	(LEONIE)	VK2DEN	PORT MACQUARIE	Mob 0439925065
43	0	NEWAY	LEONIE	(DAVID)	VK2LPN	PORT MACQUARIE	Mob 0401015220
44	0	NEWHAM	LAURIE	(ROBIN)	VK2ELN	PORT MACQUARIE	02 6583.5387
45	D	NIVEN	TREVOR	(BETH)	VK5NC	MT. GAMBIER	08 8723.2432
46	0	PERRETT	TONY		VK2FVAA	PORT MACQUARIE	02 6584.1262
47	0	PILLEY	DAVID	(DEE)	VK2AYD	KING CREEK	02 6585.2647
48	0	SANDFORD	NEIL	(VERENA)	VK2EI	PORT MACQUARIE	02 6582.5830
49	L	SINCLAIR	BILL	(CORALIE)	VK2ZCV	PORT MACQUARIE	02 6583.9302
50	0	SMITH	LYLE	(JEANNINE)	VK2FCVI	WAUCHOPE	02 6585.2497
51	D	TARRANT	DAVID	(AILEEN)	VK2TBC	ILUKA	-
52	0	THATCHER	TREVOR		VK2TT	WAUCHOPE	02 6585.2278
53	0	THOMPSON	DES	(BETTY)	VK9FLHI	LORD HOWE ISLAND	02 6563 2152
54	0	VAN ACKER	GERRY		-	LAURIETON	02 6559.6194
55	0	WALKER	BRUCE	(GWEN)	VK2HOT	PORT MACQUARIE	02 6583.8360
56	0	WARD	MICHAEL	(RUTH)	VK2FMDW	PORT MACQUARIE	Mob 0427291276

Category Key: O = ORDINARY    A = ASSOCIATE    D = DISTANT    H = HONORARY    L = LIFE