



# OXTALES

First published 1980

Club Nets on VK2RPM  
146.700MHz  
(CTCSS 91.5Hz)  
Sundays  
(during EADST at 0900)  
(during EAST at 0830)  
Every Thursday at 1930

Newsletter of the Oxley Region Amateur Radio Club Inc.,

PO Box 712 Port Macquarie 2444

Club e-mail address: vk2bor@orarc.org

Club Website: <http://www.orarc.org>

ORARC's Forty-fifth Anniversary Year

## July 2016

Compiled by VK2AYQ & VK2TT

PRESIDENT: Lyle Smith	VK2SMI	6585 2497
VICE PRES: Richard Court	VK2CHC	6584 6872
TREASURER: Larry Lindsay	VK2CLL	6587 1155
SECRETARY: Henry Lundell	VK2ZHE	6582 0534

### President's Report

Well, it's fast approaching the AGM again and I still can't believe a year has already passed.



Richard, VK2CHC, said time moves faster as you get older. Something to do with the time at present in relation to the percentage already past. In that case, I feel about 120 years old already. I am sure it was only last week that I sat down to write the last report for Oxtales but here we are, two months later, doing it again.

Firstly, my apologies for the late distribution of this month's edition, as work was busy in the last few weeks and I got lost in time.

Secondly let me thank all the members and their families for assisting with the 2016 Field Day.

What a day it was disposals galore with a good bargain to be had if you looked hard enough. Henry, VK2ZHE, as organiser for this year, excelled as per usual, getting

### ORARC VHF/UHF Repeaters

**MIDDLE BROTHER**  
VK2RPM 2 metre (Voice - CTCSS 91.5Hz)  
O/P 146.700MHz - I/P 146.100MHz

VK2RPM 70 cm (Voice - CTCSS 123Hz)  
O/P 438.525MHz - I/P 433.525MHz  
C4FM digital mode capability

VK2RPM-1 (APRS Digipeater)  
SX 145.175MHz 1200bps

**TELEGRAPH POINT**  
VK2RCN 2 metre (Voice)  
O/P 147.000 MHz - I/P 146.400 MHz  
VK2RCN 70 cm (Voice - CTCSS 123 Hz)  
O/P 438.425MHz - I/P 433.425MHz

VK2RCN-1 (APRS Digipeater)  
SX 145.175MHz 1200bps

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Annual General Meeting to be held on Saturday 6 August 2016

## Down The Coax

Monthly meetings & Friday Nights held in the S.E.S.  
Building Central Road, Port Macquarie.

**Monthly General Meeting**  
Saturday 2 July 2016 2:00 pm

**Friday Night Get-Together**  
Friday 15 July 2016 7.00 pm

**Annual General Meeting**  
Saturday 6 August 2016 2:00 pm

**Monthly General Meeting**  
Saturday 6 August 2016 after AGM

**Remembrance Day Contest**  
Sat 13 August 2016, 0300 UTC to 0300 UTC Sun  
14 August 2016  
VK2BOR will operate for 24 hours from the  
club's caravan

**Friday Night Get-Together**  
Friday 19 August 2016 7.00 pm

**International Lighthouse and Lightship**  
Weekend 20 & 21 August 2016  
VK2BOR at Tacking Point Lighthouse Saturday  
20 August 2016

**SARCFest**  
Sunday 28 August 2016  
Summerland Club Rooms Lismore

**Monthly General Meeting**  
Saturday 3 September 2016 2:00 pm

**Friday Night Get-Together**  
Friday 16 September 2016 7.00 pm

The 58th Jamboree On The Air will take place  
on 15 and 16 October 2016.

## Net Controllers' Roster

Nets on Voice Repeater VK2RPM 146.700 MHz

**Sundays**  
(0900 AEST)

**Thursdays**  
(1930 AEST)

### July 2016

VK2TT	Jul - 03	VK2ZHE	Jul - 07
VK2CHC	Jul - 10	VK2ICQ	Jul - 14
VK2TT	Jul - 17	VK2EM	Jul - 21
VK2CHC	Jul - 24	VK2ZHE	Jul - 28
VK2TT	Jul - 31		

### August 2016

VK2CHC	Aug - 07	VK2ICQ	Aug - 04
VK2TT	Aug - 14	VK2EM	Aug - 11
VK2CHC	Aug - 21	VK2ZHE	Aug - 18
VK2TT	Aug - 28	VK2ICQ	Aug - 25

### September 2016

VK2TT	Sep - 04	VK2ICQ	Sep - 01
VK2CHC	Sep - 11	VK2EM	Sep - 08
VK2TT	Sep - 18	VK2ZHE	Sep - 15
VK2CHC	Sep - 25	VK2ICQ	Sep - 22
		VK2EM	Sep - 29

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Members Please note that Annual Membership Subscriptions are now due.

Members must be financial to vote in the Annual General Meeting on Saturday the 6 August.

AGM papers have been included in the email that contains this issue of Oxtales.

*(Cont'd from front cover)*

everything organised and rolling out like clock work. Food and drinks, fox hunts, and even time to have a chat with some travelling Amateurs. There is a detailed report later in this edition so I wont steal Henry's thunder. Just again thanks to all the members who contributed to such a great day.

A few weeks ago, Dennis VK2DAM, Bob VK2ZRE and myself, made another trip to VK2RPM for a look at the ever-annoying gremlins that continue to plague the 2 metre repeater. We found that whenever the tower flexed and moved, it was generating noise. This is very frustrating without the indication as to one particular spot to be dealt with, so the work will continue as we search for all the problems.

As this report is being written late, I can relay some interesting information from last night's (7/7/16) Thursday's net. Paul, VK2ICQ, while tinkering with an antenna (a Slim Jim) was able to reach VK2RPM on 100milliwatts from a Hand-Held radio across the road from his work QTH and although the repeated signal had noise on it, it was fully readable. This begs the question, what sort of monster are we dealing with on the mountain that will allow 100 mW's to work one day and 50 watts not to, the next?

May and June were quiet months (except the Field Day) for the Club this year with the Fox Hunt being postponed and weather calling off participation in the Winter VHF/UHF field day. More reason to look forward to the RD Contest (13-14 August) and the Lighthouse weekend (20-21 August) - note the different weekends this year.

This now leads back to the AGM coming up on the 6th August. This year I will not be standing for President due to work commitments, but I would like to remind members that it is your Club, and taking on one of the committee positions shouldn't be seen as a chore but as a privilege to bring

new blood and ideas to continue our Club into the future.

Lyle Smith (VK2SMI)

President O.R.A.R.C. Inc.

## **WIA Annual General Meeting Video**



The video recording of the WIA Annual General Meeting held Saturday morning 28th of May at the Paradise Hotel, Norfolk Island, is now online and viewable by WIA members.

The Annual General Meeting was streamed live on the Saturday morning from the Paradise Hotel using a LiveStream server and dedicated Internet service. This stream was well received and viewed by around 150 members from all parts of Australia who were able to watch the event in real time.

At its first meeting on the Sunday morning after the AGM, the WIA Board resolved that it would aim to stream future AGM's.

Adelaide has been announced as the venue for the 2017 WIA AGM. Details regarding the date and venue are to be announced.

Membership fees are now due. If you have not already paid it would be appreciated if payment could be made as soon as possible thank you.

## ORARC 2016 Field Day

The ORARC 2016 Field Day was a great success during Saturday and Sunday the 11<sup>th</sup> and 12<sup>th</sup> of the June 2016 over the Queen's Birthday long weekend.



The Field Day returned to the Tacking Point Surf Life Saving Club hall in Matthew Flinders Drive this year. Last year the hall was not available as building works were in progress to construct a new front entrance with a lift. The hall again proved to be a great venue with plenty of internal space together with a large outdoor deck looking out over Lighthouse Beach.



A popular fringe benefit throughout the weekend was the availability of excellent cappuccinos from the downstairs public kiosk. The ample parking and minimal through traffic made for easy and safe access to the event.

This year the weather was fine throughout the activities of the two days with a shower arriving just as the last of the members left

the hall after packing up.

The many visitors who attended thoroughly enjoyed themselves, and many reported that they had already booked accommodation for next year. The regular large contingents from Sydney and environs, and from Newcastle made the journey to Port Macquarie.

The attendance list also includes home towns such as Bowral, Umina Beach, Lemon Tree Passage, Forster, Taree, Wingham, Harrington, Coopernook, Moorland, Kempsey, Kinchella, South West Rocks, Bellingen, Coffs Harbour, Toormina, Ilarwill, Lismore, Ballina, Brisbane, Guyra, Werris Creek, Canberra, and Lord Howe Island. When added to the many locals from the Hastings and Camden Haven valleys it is clear that the Field Day is indeed very popular. A total of 87 people registered

Everyone clearly enjoyed the weekend with many complimentary comments regarding the venue and the excellent catering together with the strong support from the traders who attended. No-one went hungry and lots of people found great bargains from the traders who had brought stock in especially for the Field Day. The bargains from the excellent range of quality items on the disposals tables were keenly sought. Everyone went home with at least something.



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*Quality equipment for sale*



The Field Day dinner at the Port Macquarie Golf Club at Tacking Point was extremely popular with 63 people enjoying good food and a very pleasant social evening.



*Enjoying a meal and conversation at the dinner.*



An event such as the Field Day weekend requires a lot of organization and hard work to make everything run smoothly. The complete list of people who contributed to the weekend would occupy a full page so it's not possible to mention everyone by name in this report. A heartfelt thank-you to everyone who helped to make the weekend such a great success. As well as locals, several of our distant members spent a lot of time undertaking key tasks.

The food is an important ingredient in the success of the Field Day. The hard working volunteers who kept us so well fed throughout the weekend with an endless supply of delicious hot food were led by kitchen manager John Bailey VK2KHB. The barbeque was expertly run by Richard Court VK2CHC for the two days. The bacon and egg sandwiches for breakfast on both Saturday and Sunday were particularly popular this year. Lunch on Saturday was sausage sandwiches with both sausage sandwiches and steak sandwiches for lunch on Sunday. The ever popular Sunday lunch dessert of fruit salad and ice cream made for a very contented crowd for the post-lunch drawing of Field Day prizes.



*Richard VK2CHC in a characteristic pose after cleaning the BBQ.*

The generosity of the benefactors who so kindly donated all of the prizes and all of the food and drink apart from the sausages and steak is greatly appreciated. This generosity ensured the financial success of the Field Day.

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Thank you also to those who tirelessly ran the registration desks at the entrance to the hall. Thank you to the many willing hands who set up the hall on Saturday and then packed everything up and vacuumed the carpet on Sunday afternoon. Finally, thank you to everyone who attended the Field



Day.

*Dave VK2AYD greeting on the registration desk.*

Thank you also to everyone who everyone who contributed additional photographs to complement the large number of images captured by Official Field day photographer Stuart Walsh VK2FSTU. The result is the great record of the weekend that Oxtales Editor John Hansen VK2AYQ has compiled in this this issue of Oxtales.

The quality and variety of items entered in the Homebrew display was excellent. Gary Ryan VK2ZKT displayed a range of very professionally home built accessories and equipment including his protected portable 12 Volt power system, an 80 metre valve transmitter and power supply, and his customized version of the HRSA AM radio signal source.

Bruce Ekert VK2EM displayed his home brewed self-contained tablet based portable digital HF station which he set up as a working display inside the hall. Paul Webster VK2BZC demonstrated his eye catching latest PIC based project. The judges had a difficult job in selecting a winner but in the end Richard Court VK2CHC was awarded the trophy for his customised

home built one piece 40 metre Pixie QRP CW station complete with a Morse key. As well as home brew entries both Gary Ryan VK2ZKT and Steven Pettet VK2ZVG displayed very nicely restored radio transceivers and receivers which created a lot of interest.



*Paul VK2BZC shows his PIC based home brew project to Peter VK2MPK*

Another difficult decision for the judges was to select the best presented amateur vehicle. There were several meritorious contenders but the trophy went Lyle Smith VK2FCVI. The sheer number of antennas and radios together with his stated intention of washing his Pajero tipped the balance!



*Lyle's VK2SMI's Pajero how many antennas are mounted on the vehicle? The person with the closest estimate will receive a current club calendar as a prize!*

Fox hunting has a strong tradition at the annual Field Days and this year the  
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competition was even more intense than usual. The transmitters were hidden by foxes Larry Lindsay VK2CLL and Bob Ecclestone VK2ZRE. Starter and recorder was Peter Kucera VK2MPK. Congratulations to 2016 Fox Hunt champion Craig Martin VK2ZCM of Sancrox, and to Runner-up champion Gerard Hill VK2IO of Castle Hill.



*President Lyle VK2SMI presents the 2016 Fox Hunting Championship Trophy to Craig VK2ZCM.*



*President Lyle VK2SMI presents the 2016 Fox Hunting runner up trophy to Gerard VK2IO.*



Such was the closeness of the competition that only a single point separated the champion and the runner-up. Past champions Jeff Pages VK2BYY of Umina Beach and Chris Williams VK2YMW of Hornsby still took home trophies for individual fox hunts so did not go home empty handed. The top hunters are always keen to see their names engraved on those little shields added to the Perpetual Trophy each year so the competition will be even more spirited next year.

Special mention must be made of the work done by Craig Martin VK2ZCM in building and providing the 80 metre foxes and the 2 metre foxes for the mobile events this year. In an intensive 11<sup>th</sup> hour working bee in the VK2ZHE workshop on the Friday night before the Field Day, Craig, assisted by Mark Blackmore VK2XOF, Tim Mills VK2ZTM and Henry Lundell VK2ZHE built the antennas and the weatherproof housings for the 2 metre transmitters in record time. When they were tested a problem was found in the timers for the 2 metre transmitters. After some very detailed fault finding by Craig and Mark the final problem was found to be in the firmware for the PICs. Craig then had to head home to reprogram the PICs and test the timers in readiness for the Saturday and Sunday events. A sterling effort!

The disposals tables this year were laden with a large number of quality Amateur Radio equipment items from the estate of our late esteemed member Bill Brooke VK2ZCW (SK), and from the shack clearance of items from Terry Meehan ex VK2KL who sadly is now no longer able to enjoy his hobby. All the items came from extensive recently active high end stations and included many late model transceivers and accessories. Thank you to Mark Blackmore VK2XOF who priced and handled the sales of the VK2ZCW (SK) items on behalf of the club. Barry Gilson VK2LBG handled the ex VK2KL items.

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Together with items from other vendors there were bargains galore to suit all interests and pockets.



### *Quality Disposals*

Thanks to many generous donations the raffle and lucky door prizes were of a very high standard. The raffle first prize winner was Henry Lundell VK2ZHE of Port Macquarie who took home the much coveted Baofeng GT-3 Mk2 VHF/UHF hand held transceiver donated by VK4ICE Communications. (See photograph below)



*Henry VK2ZHE receiving raffle first prize from President VK2SMI*

Gary Thompson VK2GTS of Kempsey took home the second prize of a Digitech QM-1549 True RMS Cat IV Digital Multi-meter donated by Jaycar Port Macquarie.



*Gary VK2GTS receiving raffle second prize from President VK2SMI*

Judy O'Brien VK2HZV of Cardiff won the third prize of an Opek CX-5 3 position coaxial switch donated by Radio Supply of



Bellingen.

*Judy VK2HZV receiving raffle third prize from President VK2SMI*

The Callsign Lucky Door first prize of an Opek CX-5 3 position coaxial switch donated by Radio Supply of Bellingen was



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won by Jeff Pages VK2BYY of Umina Beach.



*Jeff VK2BYY receives the Call Sign Lucky Door Prize from President Lyle VK2SMI.*

John Winchester VK2NJJ of Port Macquarie took out the second prize of a bottle of vintage red wine kindly donated by Ailsa Brooke. Ross Davidson VK2NUD of West Haven won the third prize and has added the book "Instruments of Amplification" by H.P. Friedrichs AC7ZL donated by Amateur Radio NSW to his library.

The Lucky Door first prize for those without callsigns of a bottle of vintage red wine kindly donated by Ailsa Brooke went to Caitlin Williams of Hornsby. The second prize of a bottle of vintage red wine kindly donated by Ailsa Brooke went to Ivan Southwell of Port Macquarie. Helen Williams of Hornsby won the third prize of a super bright LED pen light with magnetic clip donated by Jaycar Port Macquarie.

We are particularly indebted to major traders Radio Supply of Bellingen and VK4ICE Communications from Brisbane. Thank you also to the other traders and exhibitors, Amateur Radio NSW, and ALARA (Australian Ladies Amateur Radio Association). Jaycar Port Macquarie were unable to run a stand this year as the Field Day coincided with their annual stocktake. However, they kindly provided a major prize and a large num-

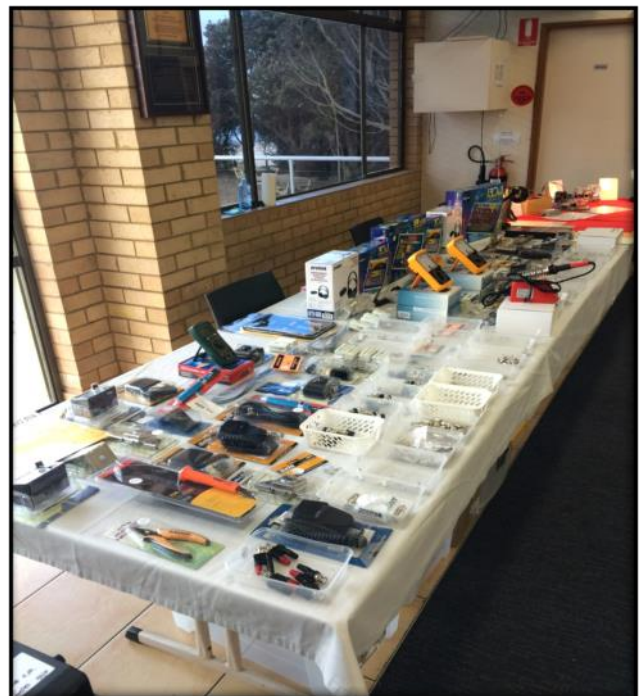
ber of smaller prizes and handouts including their 2016 catalogue. We look forward to seeing all the traders and exhibitors again at the 2017 Field Day. Lee Andrews has advised that Andrews Communications are planning to run a stand at the 2017 Field Day. This is very welcome news and is an indication of the importance of the club's Field Day in the Amateur Radio calendar.

This report on the Field day in this issue of Oxtales is complete with an extensive picture gallery and a complete listing of prize and trophy winners.

Henry Lundell VK2ZHE  
2016 Field Day Manager



*VK4ICE Communications*



*Radio Supply of Bellingen*

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# Additional Field day Gallery



ALARA Information Dot VK2DB



Trophy Table



Peter VK2MPK with rotating antennae



Phil VK2FGBR, Charlie VK2CLH; Rob VK2ELH and John VK2JWA around the



Home Brew left.

Prizes right



Mark VK2XOF and Tim VK2ZTM share a talk.

Below:  
Barry VK2LBG with Bruce VK2HOT



Drawing the raffle Lyle VK2SMI and Henry VK2ZHE show that there is nothing up their sleeves!

Right above and below earnest considerations at the disposal tables.





**Trophy Winners**  
 Craig VK2ZCM, Gerard VK2IO, Jeff VK2BYY, Chris VK2YMW, Bob VK2ZRE, Richard VK2CHC and Lyle VK2SMI.



<b>ORARC Field Day 2016 - Trophy Winners</b>			
	<b>Callsign</b>	<b>Name</b>	<b>Town (Home QTH)</b>
<b>Saturday 2 Metre Mobile Fox Hunt</b>	VK2ZCM	Craig Martin	Sancrox
<b>Saturday 80 Metre Pedestrian Fox Hunt</b>	VK2BYY	Jeff Pages	Umina Beach
<b>Saturday 2 Metre Talk In Fox Hunt</b>	VK2ZRE	Bob Ecclestone	Kempsey
<b>Sunday 80 Metre Mobile Fox Hunt</b>	VK2ZCM	Craig Martin	Sancrox
<b>Sunday 80 Metre Pedestrian Fox Hunt</b>	VK2IO	Gerard Hill	Castle Hill
<b>Sunday 2 Metre Mobile Fox Hunt</b>	VK2IO	Gerard Hill	Castle Hill
<b>Sunday 2 Metre Pedestrian Fox Hunt</b>	VK2YMW	Chris Williams	Hornsby
<b>Fox Hunt Champion</b>	VK2ZCM	Craig Martin	Sancrox
<b>Runner Up Fox Hunt Champion</b>	VK2IO	Gerard Hill	Castle Hill
<b>Best Presented Amateur Vehicle</b>	VK2SMI	Lyle Smith	Wauchope
<b>Best Home Brew Display</b>	VK2CHC	Richard Court	Port Macquarie



Henry VK2ZHE checking results and Peter VK2MPK (left) sending the hunters out..



## ORARC Field Day Prize Winners 2016

<b>Callsign Lucky Door</b>					
	<b>Description</b>	<b>Donated By</b>	<b>Winner Callsign</b>	<b>Winner Name</b>	<b>Town</b>
<b>1st Prize</b>	Opek CX-5 3 Position Coaxial Switch	Radio Supply Bellingen	VK2BYY	Jeff Pages	Umina Beach
<b>2nd Prize</b>	Vintage Wine	Ailsa Brooke	VK2NJJ	John Winchester	Port Macquarie
<b>3rd Prize</b>	Book - Instruments of Amplification by H. P. Friedrichs AC7ZL	Amateur Radio NSW	VK2NUD	Ross Davidson	Lakewood
<b>4th Prize</b>	Yaesu World Map	Radio Supply Bellingen	VK2NWB	William Bullock	Bowral
<b>5th Prize</b>	Vintage Wine	Ailsa Brooke	VK2ABO	John May	Kempsey
<b>6th Prize</b>	Mini Magnetic Base Dual Band VHF/UHF Antenna - SMA Plug Lead	VK4ICE Communications	VK2FSTU	Stuart Walsh	Wauchope
<b>7th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2KD	Kevin Dawson	Oatley
<b>8th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2FRGW	Ross Wattus	Cooperook
<b>9th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2FJHD	Jessica Dodds	Tighes Hill
<b>10th Prize</b>	Coffee Cup	VK4ICE Communications	VK2ZRE	Bob Ecclestone	Kempsey
<b>11th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2UPR	Paul Romaine	Port Macquarie
<b>12th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2ZOI	John Bishop	Hornsby Heights
<b>13th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2LJT	Larry Thompson	Tuncurry
<b>14th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2EM	Bruce Ekert	Forster
<b>15th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2DAM	Dennis Meade	Port Macquarie
<b>16th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2DB	Dorothy Bishop	Hornsby Heights

# ORARC Field Day Prize Winners 2016

## Major Raffle

	Description	Donated By	Winner Callsign	Winner Name	Town
<b>1st Prize</b>	Baofeng GT-3 VHF/UHF hand held transceiver	VK4ICE Communications	VK2ZHE	Henry Lundell	Port Macquarie
<b>2nd Prize</b>	Digitech QM-1549 true RMS Digital Multimeter	Jaycar Port Macquarie	VK2GTS	Gary Thompson	Kempsey
<b>3rd Prize</b>	Opek CX-5 3 Position Coaxial Switch	Radio Supply Bellingen	VK2HZV	Judy O'Brien	Cardiff
<b>4th Prize</b>	Vintage Wine	Ailsa Brooke Port Macquarie		Jenny Martin	Sancrox
<b>5th Prize</b>	Keepers Lager	WICEN NSW from Alzheimers Walk at Port Macquarie	VK4ICE	David Tavener	Scarborough
<b>6th Prize</b>	Yaesu World Map	Radio Supply Bellingen	VK2IO	Gerard Hill	Castle Hill
<b>7th Prize</b>	Book - Radio Projects Volume 3 by Drew Diamond VK3XU	Amateur Radio NSW	VK2BYY	Jeff Pages	Umina Beach
<b>8th Prize</b>	Vintage Wine	Ailsa Brooke Port Macquarie	VK2FA	Grahame O'Brien	Cardiff
<b>9th Prize</b>	Multi-Tool Carabiner	VK4ICE Communications	VK2DB	Dorothy Bishop	Hornsby Heights
<b>10th Prize</b>	Coffee Cup	VK4ICE Communications	VK2FA	Grahame O'Brien	Cardiff
<b>11th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2YMW	Chris Williams	Hornsby
<b>12th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2DAM	Dennis Meade	Port Macquarie
<b>13th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2MPK	Peter Kucera	Wauchope
<b>14th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2ZRE	Bob Ecclestone	Kempsey
<b>15th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2DMS	Merv Savins	Toormina
<b>16th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2SJJ	Steven Johnson	Bellingen
<b>17th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	VK2AYQ	John Hansen	Port Macquarie

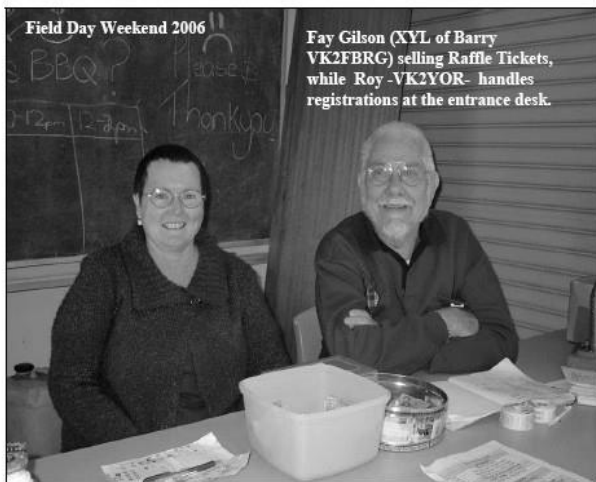
## ORARC Field Day Prize Winners 2016

### Non-Callsign Lucky Door

	Description	Donated By	Winner Name	Town
<b>1st Prize</b>	Vintage Wine	Ailsa Brooke	Kaitlin Williams	Hornsby
<b>2nd Prize</b>	Vintage Wine	Ailsa Brooke	Ivan Southwell	Port Macquarie
<b>3rd Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	Helen Williams	Hornsby
<b>4th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	Jennie Martin	Sancrox
<b>5th Prize</b>	Super Bright LED Pen Light with Magnetic Pocket Clip - 3 AAA Cells	Jaycar Port Macquarie	Phillip Snow	Wauchope

### Blast from the Past

Looking back at the July 2006 issue of Oxtales, available on the clubs website [www.orac.org](http://www.orac.org), it was interesting to look at some pictures of the club's field day held 10 years ago in the Sea Scouts Hall.



Field Day Weekend 2006  
Fay Gilson (XYL of Barry VK2FBRG) selling Raffle Tickets, while Roy -VK2YOR- handles registrations at the entrance desk.



VK2BOR Field Day Weekend 2006  
Barry (VK2FBRG) with John (VK2KHB) preparing the steaks. Joe (VK2IEV) stands by on "quality control" while Bill (VK2ZCV) and Bruce (VK2HOT) chat with an interested "Harmonic"

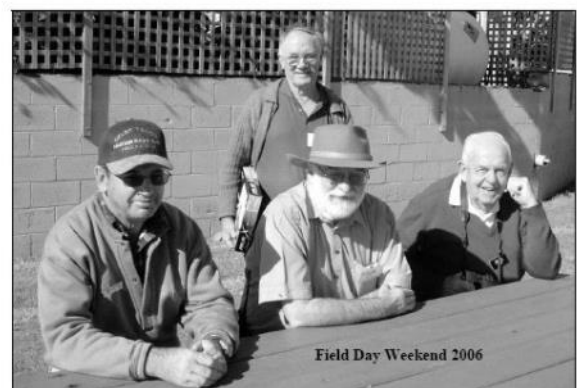
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Field Day Weekend 2006  
"Prezzo" Bruce (VK2HOT) with Judith (VK2HZV)



Field Day Weekend 2006  
The Club's "Portable Carport" having its first run in the sun at the Field Day Weekend. On sentry duty, at the portal, is visitor, Brian (VK2BI) from Booral.



Field Day Weekend 2006  
Enjoying the sun, after the showers, are VK2DWJ, VK2BPH, VK2ZW and VK2DDL

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There are quite a few familiar faces and call signs from members still working for the club today.



## Equipment from the Past

### Wireless Set No 11



These sets were popular with hams after the World War 11 but only covered the 40 metre band. Many sets were released after the war in original packing, having never been in service as they were replaced by the No 19 set which used AC valves and included close range VHF communication and an intercom for use in armoured fighting vehicles.

The brown AWA paper condensers were a constant source of trouble and were bound to lead to set failure.

The WS 11 was the standard set of the Long-Range-Desert-Patrol (LRDP) in North Africa, the No. 11 was a portable transceiver developed in 1938. It was designed as a general purpose low power short distance set, to be used as a static station, or on a horse or mule, and most importantly as a mobile vehicle mounted station. .

Frequency range 4.2-7.5MHz. RF output 0.6-4.5W. R/T and CW. Range was only up to 20 miles and less on dry sand, but despite this the LRGP

discovered when propagation was best and managed hundreds of miles via sky wave skips.

The set as seen above would be mounted onto two wooden rechargeable battery boxes and into the back of a Morris CS8 or Chevrolet 15 Cwt light truck. In the middle was a Watch holder, a common feature on British radio sets once the boffins worked out the watch needed a Anti-magnetic back if it were used next to a radio transmitter or power supply.

The WS No. 11 was a very successful design, but too costly and time consuming to build. It was soon superseded by the wireless sets No. 19 and No. 22.

### Specifications

- Power: Batteries or 6V or 12V
- RF output: 0.6W to 4.5W
- Communication range: Approximately 3 to 20 miles (4.8 to 32.2 km) using 6-foot (1.8 m) or 9-foot (2.7 m) aerials.
- Dimensions: 8.5 by 19.5 by 12 inches (220 mm × 500 mm × 300 mm)
- Weight: 43 pounds (20 kg); complete Low and High Power stations weigh 180 pounds (82 kg) and 216 pounds (98 kg).

Control: Direct or remote, enabling operation at 400 m and a remote aerial at up to 10 m

Frequency range 4.5 to 7.1 Hz

