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The VK QRP club ... CW Operators' QRP Club Inc.

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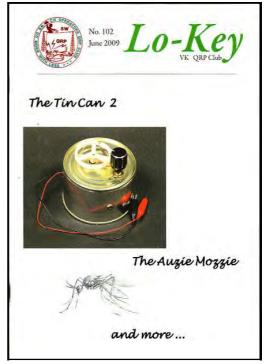
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- * Headings are arranged in alphabetical order.
- * References given are Lo-Key Number-p-Page Number e.g. Lo-Key #83 page 2 is shown as "83p2".
- * Names & callsigns in brackets refer to authors or person responsible when Lo-Key index updated.

PAST ISSUES OF LO-KEY

This supersedes any other pricing except in current Lo-Key. Please email Don VK5AIL contact@vkqrpclub.org to get a **quote including postage & packaging** for your chosen issue numbers or years/months and refer to this document. #11 to #44 Dec. 1994 are free on our website. #45 to #136 Dec. 2017 are **only 10 cents** each if available.

#137 onwards are \$3.00 each.

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CW Operators' QRP Club Home Brew With Drew A List of Publications of Drew Diamond VK3XU #49

Includes November 2014 issue of 'Amateur Radio'

Prepared by Don Callow VK5AIL #75 (E & OE)

This list of Drew's published articles and books is frequently updated on the Internet and is occasionally published in Lo-Key. Let us know if you are aware of other articles. These projects and technical articles provide a valuable contribution to Amateur Radio home

valuable contribution to Amateur Radio home brewing. Drew often mentions that he is prepared to respond to queries. Please enclose a S.A.S.E. if you write to him at:-

"Nar Meian", 45 Gatters Rd., WONGA PARK, Victoria 3115

BOOKS

- 1995 Radio Projects for the Amateur
- 2001 Radio Projects for the Amateur -Volume 2 (Reviewed in AR Aug 01 p36)
- 2004 Radio Projects for the Amateur -Volume 3 (Reviewed in AR Dec 04 p23)
- 2008 Radio Projects for the Amateur -Volume 4 (Review in AR Oct 08)

LO-KEY

#4 Dec 8419 Two-Band QRP Transmitter (Reprinted in **SPRAT** #41)

#66 Jun 0012 A 4-Band QRP CW Transmitter with QSK T/R

AMATEUR RADIO ACTION

Vol.2 #11 22 Incredible Noise Cancelling Antenna



ELECTRONICS AUSTRALIA

Jul 95 48 Crystal-Locked 5MHz Receiver for VNG

AMATEUR RADIO

Journal of the WIA

Letters after year: 'c' = subject of a cover photo; 'n' = article is in Novice Notes column; 'w' = In the Workshop column.

Articles are listed in chronological order.

- Oct 73 10 A VFO for 5-5.5 MHz (Drew was then VK3ANU)
- Nov 75c 15 QRP CW Rig for 7 MHz
- Oct 76 9 A Method of Reducing HV Power Line Noise (See Jan 93 p19 "More on Interference Cancelling, and a New Circuit" by Lloyd Butler VK5BR & correction in Feb 93 p20 under heading "Murphy's Corner")
 - Sep 80c 8 Five-Watt CW Transmitter (Single band 3.5,7,14 or 21MHz)
 - Jul 81 28 Home-Brewer's Linear Amplifier for the 3.5, 7.0, 14, 21 and 28 MHz Bands
- Aug 81 11 Direct Conversion Receiver for 3.5, 5 or 7 MHz
- Oct 81 7 QRP Solid State Linear Amplifier for HF
- Dec 81 12 QRP CW Transmitter with Break-In -Part 1 (Multi-band 1.8, 3.5, 7, 14 MHz)
- Jan 82 5 QRP CW Transmitter with Break-In -Part 2
- Feb 82 8 QRP CW Transmitter with Break-In -Part 3

Feb 83c 14 Mar 83 11	A Square-One Receiver A "Square-One" Receiver - Part 2 A "Square-One" Receiver - Part 3 A Sensitive SWR Meter (See Lo-Key #19 Sep 88 p3. Club	
Dec 83 24	Kit-Set K006) 'Square-Two' Converter	
Mar 84 14	High Performance Direct Conver- sion Receiver Part 1	
Apr 84c 10	High Performance Direct Conver- sion Receiver Part 2	
Mar 85 14	DSB/CW Transmitter for 80 Metres	
Dec 85n 34	Basic Metalworking - "Chassis Bashing"	
Feb 86n 37	Starting a Radio Electronics Work- shop	,
Apr 86n 20	Four-Watt CW Transmitter for 80 Metres	,
Jun 86n 24	The Open Wire Feed, HF Multi- Band Dipole (Correction in Jul 86 p9 under head-	
Sep 86n 34	ing "Jumbled? ? ?") Direct Conversion Receivers -	
Oct 86n 16	Here to Stay DC86 Direct Conversion Receiver for Eighty Metres	
May 87n27 Sep 87n 30 Oct 87n 34	Some Troubleshooting Tips Cheap Radio - The "Junk Box" Converting the DC86 VFO A Crystal Calibrator and Signal Source Quartz Resonators (Crystals)	
Jan 88n 45	Some Practical Tips of	'
Feb 88n 30 May 88n 26	VFO Construction A Handy Quartz Crystal Checker Measuring Small Coils and Capaci-	
	tors with a Dip Meter MOSFET Power Amplifier for 1.8 to 10.1 MHz	
	A Simple Impedance Bridge 'MOSFET-4' VFO CW Transmitter for 80m	,
May 90c 8	Superhet-DC Receiver for 3.5 to 4.0 MHz (Correction in Jun 90 p15 under heading "Errata and Addenda for DC Superhet")	
Jun 90 12	A Simple Dip Meter	9

Nov 90	10 'Fonefist' SSB/CW Transmitter for
	80 Metres

- Jan 91 7 25W Mosfet Linear Amplifier
- Jun 91 9 "Computarock" Receiving Converter (Pre-Selector idea in Oct 91 p7, from R. McGregor VK3XZ)
- 7 "Handybridge" Impedance Bridge Aug 91 for HF
- Dec 91 8 Multiplier CW Transmitter for 3.5/7/14MHz (Correction in Feb 92 p49 under heading "Murphy's Corner")
- May 92 8 DC91 Direct Conversion Receiver for 80m (Drop one: DC-91 Revisited by Max Riley VK2ARZ photos & brief notes)
- Jun 92 17 "Computarock" HF Receiver (Correction in Aug 92 p24 under heading "Murphy's Corner")
- 8 HF Band CW Transmitter From Aug 92 Junk-Box Parts (valve)
- Sep 92 30 A Simple Tuning Dial from Junk Box Parts
- Nov 92 11 "Little-L" Inductance Bridge for RF Coils
- 3 An RF Power Meter Load Apr 93 (with notes on PEP)
- Mar 93 13 Making Simple Circuit Boards
- May 93 19 HFC Regulated Variable Voltage Power Supply (Correction in Aug 93 p50 under heading "Update")
- Jun 93 24 "Simplex" Sideband Transmitter for 3.580MHz
- Oct 93 4 "TCF" Sideband/CW Transceiver for 80 Metres (See Lo-Key #47 Sep 95 p14 and p18 "Additions and Mods ..." by Peter Spencer VK5APS sk)
- Feb 94 4 Making Air-Wound Coils for HF
- Oct 94 3 An Empirical Approach to Building an HF Receiver
- Jan 95 20 Variable Capacitors Made From Trimmers
- Feb 95 4 "Paddyboard" Circuit Construction
- 9 "TCF" Sideband/CW Transceiver for May 95 40 Metres
- 16 Modified Twist Drills Jul 95 for Sheet Metal
- Sep 95 8 Receiving Converter for 2 Metres CW Operators' QRP Club Inc.

9	Simple LF Receiving Converter	J
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8 10	Receiving Converter for 6 Metres "Miser's" 13.8 volt 10 or 20 amp	J A
5	A Home-brew HF Balun	J
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4	A Dip Oscillator, Crystal Checker and	S
20	Making Boxes with Ordinary Tools	C
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7	Some Practical Tips on Timber Radio	J
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12 / 6	An Inductance Meter for Radio Coils Improvements to Signal Generator Model Q-1312/SG-9200 (from DSE	Ν
21 23	A Twin-meter SWR Bridge General Purpose Amplifier / Mike	J
24 22	An RF Resistance Bridge An Attenuator Set for Receiver Sensi-	A
24 24	A Binaural Direct-conversion Receiver A Spectrum/Attenuation Measuring	(N
30	An AM/CW Transmitter for 1.8, 3.5	Ľ
22	An AM/CW Transmitter for 1.8, 3.5	•
22	An Experimenter's Power Supply with	N
14 6	40W MOSFET HF Linear Amplifier A Portable RF Resistance Measuring	N A
18	LF Receiving Converter with Loop-	5
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Jun 00	Coils 22 An AM/CW Transmitter for 1.8, 3.5 and 7 MHz (Part 2)		
Jul 00 Aug 00	8 A 'Swinging Link' Antenna Coupler 8 An RF Voltage Probe (with notes on		
Oct 00	power measurement) 9 A Superhet Receiver For Three HF Bands		
Dec 00	10 From Circuit to Chassis		
Jan 01 Apr 01 May 01	8 A W2PV 4-Element Yagi for 6 Metres 10 Making Holes in Sheet Metal 4 An RF-actuated CW Monitor and Practice Oscillator		
Jul 01	4 An Elecronic Keyer Paddle from "Scrap-Box" Parts		
Sep 01	4 Rewinding Power Transformers for 13.8V Power Supplies		
Oct 01	4 A Receiving Converter for 432 MHz / 70 cm		
Dec 01	4 A X1000 probe for high voltage meas- urements		
Jan 02	4 "Tone-a-Volt" audible voltage and component tester		
Mar 02 Apr 02	4 "Tone-a-Tune" Audible SWR Bridge 4 An LF-VHF Milliwatts/Watts Power Meter		
	40 Why it is important to contribute tech-		
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Jun 02	6 An HF Receiving Converter 14 The Sunday 40-metre CW net reaches 1500 sessions		
Aug 02 Sep 02	4 A Capacitance Bridge for Radio Work 37 What are band plans for?		
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Nov 02	4 À Simple HF Signal Source 4 A 25 W AM/CW Valve Transmitter for		
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Mar 03	19 A "Kalitron" Gate Dip Oscillator/Crys- tal Checker		
May 03	9 A 3-30 volt, 2 ampere DC Power Sup- ply - with design notes		
Aug 03	12 Brush-up your Morse and join in the action		
Sep 03	12 An Oscilloscope in the Shack		
Oct 03	4 An improved coupler for balanced and single-wire feed antennae		

Dec 03/.	Jan	04 8 A solid-state AM/CW transmitter	J
		for 1.8 and 3.5 MHz	~
Oct 04	24	Fixing-up old broadcast gang capaci- tors	S
Feb 04	4	A Transmission Quality Checker, "TQC"	
Apr 04	18	A simple TV-aligned crystal frequen- cy reference	Ν
May 04	10	An active receiving loop antenna for 1.8 MHz	D
Aug 04	10	A direct reading inductance meter for radio coils	
Nov 04c	5	RF ammeters for high-frequency measurements	N
Dec 04	5	A compact, effective vertical antenna for 160 metres - Part 1	
Feb 05	12	A compact, effective vertical antenna for 160 metres - Part 2 Construction	
Mar 05	10	Another method of making "air-wound" transmitting coils	•
Apr 05	14	A pi-coupler for the compact 160 m vertical (and HF antennas)	A
May 05	23	"Paddyboard" circuit construction ~ revised	N
Aug 05	7	The experimenters' "Blob" board	
Sep 05	29	Notes on HF transmitting coils	J
Nov 05		A Tetrode Tester	
Nov 05	27	Making shunts for ammeters	А
Nov 05		Cover: Photo of Drew's test area	
Jan/Feb	06	A "Simple Superhet" receiver for 80	s
	~~	and 40 m	Õ
Mar 06	26	Re-using microwave oven transform- ers for high-voltage power	N
h	~4	supplies	
Jun 06		A simple direct-reading Q meter	
Aug 06	22	Mark 4 CW transmitter for 3.5 MHz and 7 MHz	D
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Nov 06	12	A 4-125 Linear Amplifier for 160 m -	
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		A 50 ohm, 200 W dummy load/power	А
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Jun 07	10	Class-E AM/CWW transmitter for 1.8 MHz	Ν

- lul 07 13 A VK10D PIC lambic keyer (PIK) made "Paddyboard" style
- Sep 07 12 A "Noise Tracker" receiver for 144.4555 MHz AM
 - 26 A tester for capacitor and diode leakage
- Nov 07 20 Adding extra windings to toroidal power transformers
- Dec 07 6 A simple superhet receiver for 160 metres
 - 22 A Class-E CW transmitter for 1.8 MHz with VFO and QSK
- Mar 08 5 A "Paddyboard" substrate for popular 8-pin surface mount chips
 - 14 Quieting a switch-mode power supply
 - 18 How to use taps to make internal screw threads
- Apr 08 11 A combined MF-HF SWR meter and RF ammeter
- May 08 5 A collett for holding square rod in a 3-jaw lathe chuck
 - 16 A screw-plate
- lul 08 24 An LF receiving converter with loopstick antenna
- Aug 08 6 A 5 W CW transmitter for 1.8, 3.5 and 7 MHz with QSK
- Sep 08 5 A 50 W CW transmitter for 137 kHz
- Oct 08 10 An amplitude modulation monitor
- Nov 08 5 A loading/tuning coil for 137 kHz antennas
 - 19 Modified wood-working drills for sheet aluminium
- Dec 08 5 An active loop-stick receiving antenna for 1.5 ~ 2 MHz
 - 8 A 10 and 100 MHz crystal frequency reference/transfer standard
- Vlay 09 16 An Active Loop Receiving Antenna for 7 ~ 29 MHz
- Jul 09 11 An active loop receiving antenna for 1.8 - 4 MHz
- Sep 09 12 Getting started on 136 kHz
- Mar 10 29 Book Review: Radio Communication Handbook, 10th edition
- Apr 10 28 An active loop receiving antenna and converter for 136 kHz
- Apr 14 22 A 100 W CW transmitter for 472 - 479 kHz
- Nov 14 18 A class-D 100 W AM transmitter for 1.8 MHz

The CW Operators' QRP Club - The VK QRP Club MPK AWARD RULES (MILLIWATTS PER KILOMETRE)

The main criterion for the 'MPK' is simply to work the farthest distance with the least output power.

The Award is available for CW, SSB and PSK31 modes.

The Award will be made to stations which achieve successful QSOs on or after 1 January 1999 over distances equal to, or greater than, the following:

Section	Power	Distance	km per mW	mW per km
	no more than	at least	at least	no more than
A	10 mW	100 km	10	0.1
в	100 mW	500 km	5	0.2
С	200 mW	600 km	3	0.33
D	500 mW	1 000 km	2	0.5
Е	1 W	2 000 km	2	0.5
F	5 W	10 000 km	2	0.5

For verification purposes, applicants are asked to supply full details of

• Output power: Key Down for CW and PEP for SSB;

• Latitude and longitude: grid squares, GPS location or map reference (preferably two or more); and

• Photocopies of QSL cards sent and received. These are to include: Mode: Band & Frequency: Other Station call, name and location: Time UTC.

Note: For those Amateurs who do not make use of QSL Cards, please contact the Awards Manager to arrange an alternative method of verification.

The award will be sent FREE in both PDF and JPEG formats.

If an award certificate is required via post please contact the Awards Manager (see below) and the cost will be advised.

A station may claim more than one award for a single QSO. For example, if you work 2 500 km on 400 mW then both Section D and Section E awards may be claimed. A station with individual awards in all sections (A to F) may apply for a special 'All Sections Award' for CW or for SSB. There is no additional fee if applied for at the same time as the fifth individual award.

Let's have your photograph too! Send a print or email an image file.

Please send award claims to -

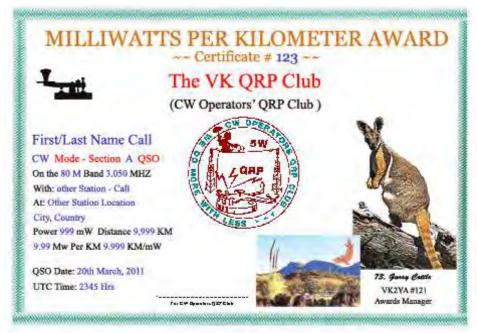
The VK QRP Club CW Operators' QRP Club Inc. MPK Awards Manager Garry Cottle VK2YA #121 6 Luttrell Street Richmond NSW 2753

AUSTRALIA

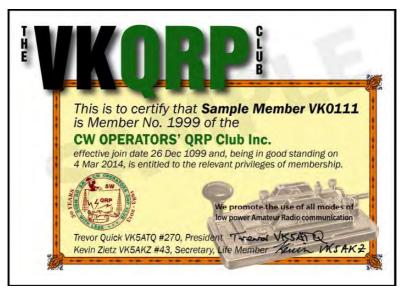
Email queries to Garry: mpkaward@vkqrpclub.org

A coloured A4-size certificate featuring appropriate images and the Club logo as centerpiece, with the recipient's details prominently displayed, will be awarded.

Sample 'MPK' certificate layout



Check our website www.vkqrpclub.org for latest information



Club membership certificate (sample illustrated) 5" x 7" (127 x 178 mm)

Check our website www.vkqrpclub.org for latest information about Awards & Contests

VK QRP Club – 10 Day QSO Award

Time Frame:

Thisaward will start on 1st March, 2017 and will continue for at least 12 months.

Basic Award Premise:

Make at least one QRP CW QSO per day for any consecutive 10 day period.

Guidelines:

Operator:	Power: QRP
	Antenna: Any
Contact:	Power: Any
	Antenna: Anv



Any type of QSO's are acceptable eg. DX, Contest or just a simple CW contact. A station may be worked on any number of different days but **NOT** by a pre-arranged schedule. Regular schedules or regular net check-ins are **NOT** acceptable.

Other:

A day is defined as 0000-2400 UTC.

Certificate:

A certificate will be sent via email and is FREE. If you want us to print your certificate and send it via the post, the fee is AU\$10.00 per certificate.

The award may be endorsed for making **each** daily QSO with mW power. The award may be endorsed if all QSOs are DX QSOs.

Logs:

Submit a log with one line for each QSO containing at least the following information sorted in descending order by date:

Date, Callsign, Name, Time, RST (received and given), Frequency and Mode. For mW QSO's add the power used.

A Sample Log can be accessed on the Awards website page: http://www.vkgrpclub.org/grp_new/grp1_awards_page.php

Submit logs to: XXXXXXXXX VK QRP Club Awards Manager

Email: 🗚 🌋 🌋 🌋 🎊 🎆 Email: 🕅