

"VSTITUTE °f

Editorial

Editor Peter Freeman VK3PF editor@wia.org.au

Technical Editor Peter Gibson VK3AZL

 Publications
 committee

 Don Jackson
 VK3DBB

 Evan Jarman
 VK3ANI

 Bill Roper
 VK3BR

 Ewen Templeton
 VK30W

 Emie Walls
 VK3FM

 Greg Williams
 VK3V

Al! circulation matters nationaloffice@wia.org.au

How to submit material Secretary AR Publications Committee PO Box 2042 BAYSWATER VIC 3153 or *armag@wia.org.au*

Letters to Editor Editor AR Magazine PO Box 273 Churchill Vic 3842 or editor@wia.org.au

Hamads 'Hamads' PO Box 2042 BAYSWATER VIC 3153 hamads@wia.org.au

Advertising All enquiries to Advertising Manager AR Publications Committee PO Box 2042 BAYSWATER VIC 3153 or admanager@wia.org.au

Registered Office Unit 20 11-13 Havelock Road BAYSWATER VIC 3153 Australia Phone: 03 9729 0400 Fax: 03 9729 7325

Production Deadlines All articles, columns, hamads and advertising booking by **first day of previous month.**

The contents of Amateur Radio are Copyright Wireless Institute of Australia © 2012



Volume 80 Number 6 June 2012 ISSN 0002-6859

The Journal of the Wireless Institute of Australia

General

Experiencing the JMFD Stephen Warrillow VK3SN	10
Putting it across - Talking about amateur radio Geoff Emery VK4ZPP	16
Over to you - Three pin plugs Steve Mahony VK5AIM	5
Special Event stations for the London 2012 Olympic and Paralympic Games John Warburton G4IRN	37
Confessions of a pirate Eric Jamiesom VK51P	40
A telephone conversation with	59

Al Shawsmith, ex-VK4SS Peter Hadgraft VK4APD



This month's cover

The VK3JNH solar powered John Moyie Field Day (JMFD) station at 1700m ASL in the Victorian Alps. The Results of the 2012 JMFD are published in this issues, as is a story from Stephen VK3SN of his expeditions over the last two years into the Victorian Alps for the event. See page 10. Photo by Stephen Warrillow VK3SN/VK3JNH.

^f Contributions to Amateur Radio



Amateur Radio Is a forum for WIA members' amateur radio experiments, experiences, opinions and news. Manuscripts with drawings and/or photos are welcome and will be considered for publication Articles attached to email are especially welcome. The

WIA cannot be responsible for loss or damage to any material. Information on house style is available from the Editor.

Technical

10 16	Foundation Corner 20 - A buzzer with a difference Ross Pittard VK30E	6
5	PRM80 six metre conversion - an unexpected fruit Matt Bilston VK3VS/VK3SMB	27
37	An unlikely source of QRM for your HF or VHF station Gerald Molenkamp VK3GJM	30
40	A computer powered multimode transmitter - QRP from your computer's USB port Peter Parker VK3YE	33
59	An isolated USB interface for controlling radio equipment Dale Hughes VK1DSH	60

Columns

ALARA	38
AMSAT	44
Contests	17, 21
DX - News & Views	48
Editorial	2,4
Hamads	62,63
Silent Key	9,58
Spotlight On SWLing	43
VHF/UHF - An Expanding World	52
WIA Comment	3,5
WIA News	4
News from:	
VK2	29,46
VK3	13,15
VK5	14
VK6	50
VK7	8

Back Issues

Back issues are available directly from the WIA National Office (until stocks are exhausted), at \$8.00 each (including postage within Australia) to members. Photostat copies

If back issues are unavailable, photocopies of articles are available to members at \$2.50 each (plus an additional \$2 for

each additional issue in which the article appears). Disclaimer

The opinions expressed in this publication do not necessarily reflect the official view of the WIA and the WIA cannot be held responsible for incorrect information published.