



Amateur Radio

Volume 80
Number 11
November 2012
ISSN 0002-6859

The Journal of the Wireless Institute of Australia

Editorial

Editor

Peter Freeman VK3PF
editor@wia.org.au

Technical Editor

Peter Gibson VK3AZL

Publications committee

Don Jackson VK3DDB
Evan Jarman VK3ANI
Bill Roper VK3BR
Ewen Templeton VK30W
Ernie Walls VK3FM
Greg Williams VK3VT

All circulation matters

nationaloffice@wia.org.au

How to submit material

Secretary
AR Publications Committee
PO Box 2042
BAYSWATERVIC 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
BAYSWATERVIC 3153
hamads@wia.org.au

Advertising

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

Registered Office

Unit 20 11-13 Havelock Road
BAYSWATERVIC 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

General

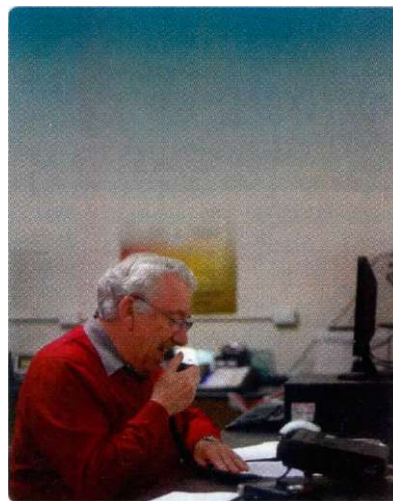
Surviving the storms	15
Rob Norman VK5SW	
Remembrance Day contest 2012	24
Alan Shannon VK4SN	
Try something different with amateur radio	28
Miles Burke VK6MAB	

Columns

ALARA	40
AMSAT	36
Contests	52,54
DX - News & Views	43
Editorial	2,5
Hamads	62
Over To You	27,58
Silent Key	57
Spotlight On SWLing	58
VHF/UHF - An Expanding World	47
WIA Comment	3,4
WIA News	4
News from:	
VK2	55
VK3	38,42,45
VK4	46
VK5	39
VK6	59
VK7	56

Technical

WA wheatbelt and regional expansion projects	
Craig Lamb VK6FLAM	
Review: GoalO Sherpa solar/lithium ion battery system	
Stephen Warrillow VK3SN	
The 'Porta 40' - a direct conversion receiver for portable use	10
Peter Parker VK3YE	
An FT-817 accessory box	17
Dale Hughes VK1DSH	
Analysis of the Off Centre Fed (OCF) dipole	21
Ron Sanders VK2WB	
A linear amplifier for 80,40 and 20 metres	29
Jim Tregellas VK5JST	



*This month's cover
Michael Owen VK3KI in contact with ARRL
President Kay Craigie N3KN during the last QSO
using the VK100WIA special callsign in 2010.
Photo by Robert Broomhead VK3DN.*

Contributions to Amateur Radio



^stttute®*

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.

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.