



Amateur Radio

Volume 80
Number 10
October 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 VK3DBB
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

**Vanuatu 2012 - YJOVK - DXpedition
in a box** 6

Chris Chapman VK3QB

**Activation of Port Adelaide
Lighthouse Museum (AU0107) -
ILLW2012** 14

Keith Gooley VK50Q

**East Gippsland Radio Group VK3EG
participates in the ILLW 2012 at Point
Hicks AU0027** 21

Rob Ashiin VK3EK

**ILLW 2012, Cape Willoughby,
Kangaroo Island - AU0095** 23

Paul Simmonds VK5PAS

JOTA-JOTI2012 25

Bob Bristow VK6POP

**International Lighthouse &
Lightship Weekend in VK7 2012** 26

Justin Giles-Clark VK7TW

Amateurs supporting the community 30

Steven Heimann VK2B0S

ILLW 2012 - Cape Schanck 35

Glenn Alford VK3CAM



This month's cover

*The sun sets on another successful YJOVK
DXpedition. Photo by Brenton Vovtes VK3CBV.*

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

Portable beams for VHF and UHF 15

Fred Baker VK2FWB

**80 m or 40 m to 10 m -
just one loop fits all!** 19

Ray J. Howes G40WY

Usability and complexity 29

Peter Parker VK3YE

**Power supply requirements
surplus equipment** 32

Justin Giles-Clark VK7TW

Columns

ALARA 39

AMSAT 37

Contests 52

DX- News & Views 55

Editorial 2,5

Hamads 62

Over To You 22,36,58,60

Silent Key 28,40,44,54

Spotlight On SWLing 48

VHF/UHF - An Expanding World 47

WIA Comment 3,5

WIA News 4,5

**News from:
VK2** 45

VK3 59,61

VK4 41

VK5 51

VK6 43

VK7 57

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.