



Amateur Radio

Volume 72, Number 8
August 2004

The Journal of the Wireless
Institute of Australia
ISSN 0002-6859

Editorial

Editor: Colwyn Low VK5UE
edarmag@chariot.net.au

Technical Editor: Peter Gibson VK3AZL

Publications Committee Members

Brenda Edmonds VK3KT
Ron Fisher VK30M
Don Jackson VK3DBB
Evan Jarman VK3ANI
Tom Potter VK3UBS
Bill Roper VK3BR

Submission of material to Amateur Radio Magazine

General and Technical articles to
Secretary
AR Publications Committee
3 Tamar Court
Mentone VIC 3194
or armag@optusnet.com.au

Columns and Letters to the Editor to
Editor
AR Magazine
34 Hawker Crescent
Elizabeth East SA5112
or
edarmag@chariot.net.au
(Tel and Fax 08 8255 2138)

Hamads to
"Hamads" Newsletters Unlimited
PO Box 431
Monbulk VIC 3793
Fax 03 9756 7031
newunltd@bigpond.net.au

Advertising
All enquiries to
Newsletters Unlimited
PO Box 431
Monbulk Vic 3793
Phone: 03 9756 7797
Fax: 03 9756 7031
newunltd@bigpond.net.au

Registered Office
10/229 Balaclava Road,
Caulfield North VIC 3161
Australia
Phone: 03 9528 5962

Production Deadlines

Advertising booking and articles for
publication 10th of preceding month.

Hamads and advertising material
deadline 18th day of preceding month

The contents of Amateur Radio are Copyright
Wireless Institute of Australia © 2004

General

The Secret War of Wireless.....	14
<i>David A. Pilley VK2AYD</i>	
Edison and his contribution to wireless.....	19
<i>Malcolm R Haskard VK5BA</i>	
A visit to the Cardwell Bush Telegraph Heritage Centre.....	24
<i>Felix Scerri VK4FUQ</i>	
PNG amateurs remember at the Kokoda gateway.....	28
<i>P29KFS Rick</i>	
PLC/BPL in Australia: progress, or a cause for concern?.....	37
In Charlie's Way. Part 4 'Charlie's quality'.....	51
<i>Ross Fraser VK2WN</i>	

Technical

Band-pass filters for the HF bands.....	4
<i>Peter Kloppenburg VK1CPK</i>	
RSQ: an improved signal reporting system for PSK.....	6
<i>Graeme Harris VK3BGH</i>	
A direct reading inductance meter for radio coils.....	10
<i>Drew Diamond VK3XU</i>	
Radar band designations, old and new.....	15
<i>Richard Sawday VK5ZLR (Dip. Eng. Electronics)</i>	
Technical Abstracts	
<i>Peter Gibson VK3AZL</i>	
The copper loop for 2 metres - addendum.....	16
A parallel wire dipole.....	17
YS1 AG 40 metre two element beam.....	22
An easy to build, dual-band collinear antenna.....	26

Columns

ALARA.....	34	Silent Keys.....	23,27, 35, 45
AMSAT.....	36	Spotlight on SWLing.....	39
Awards.....	46	State news.....	30
Beyond our shores.....	38	VK1 news.....	30
Club news.....	40	VK2 news.....	30
Contests.....	41	VK6 news.....	31
Directory.....	56	VK7 news.....	32
DXCC listings 30 June, 2004.....	47	VK3 news.....	33
Editorial Comment.....	2	Technical Abstracts.....	16,17, 22, 26
HF predictions.....	52	VHF/UHF - an expanding world.....	48
Hamads.....	54	WIA comment.....	3

Our Cover this month

see page 2

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 always welcome and will be considered for publication. Articles on disc or email are especially welcome. The WIA cannot be responsible for loss or damage to any material. A pamphlet, How to write for Amateur Radio is available from the Federal Office on receipt of a stamped self-addressed envelope.

Back Issues

Back issues are available directly from the WIA Federal

Office (until stocks are exhausted), at \$4.00 each (including postage within Australia) to members.

Photostat copies

When back issues are no longer available, 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.