

Students in years 8 to 12 at Mentone Girls' Grammar School use computers whilst learning about satellites in physics, science and electronics lessons. They use some of the software programs written by AMSAT. Recently the girls fo lowed the progress of the Russian-Canadian Skitrek Expedition via the satellites. The photograph shows Narelle Lamb, Brooke Fitcher, Catherine Prattico and Amanda Wilson during a lesson.

—Photograph courtesy Paul Butler VK3DBP, Head of Science and Computing, Mentone Girls' Grammar School

Special Features

Appointment of General Manager/Secretary	. 3
A Boy & His Radio	
Hurricane Gilbert Disaster by Jim Linton VK3PC	
international Amateur Radio Network by Sam Voron VK2BVS	
Operation Update by Ken McLachlan VK3AH	21
Open Letter from Federal Executive Member	29
RSGB 75th Anniversary	
Skitrek — Reprinted from QST Canada	20
Swedish Student at Geelong	
WIA Videotape Program Title Listing	

Technical Features

4 4 Coil Design Made Easy by Arthur Solomon VK3
Capacitively Loaded Dipole Antenna — Some New Findings by Dick
Turrin W2IMU
Electromagnetic Compatibility — make your system comfortable by Fred Rode VK3AFR
Experimental 'Q' Meter by Lloyd Butler VK5BR
Not Another RD Contest Program! by Terry Neumann VK5ATN 6
RF Impedance Matching Using Ferrite Toroidal Cores Part 3:
Conventional Transformers by Stephen Bushell VK3HK 18

Regular Features

Advertisers index	04
ALARA	43
AMSAT Australia	49
AR Showcase	52
Club Corner	54
Contests	
HF Contest Championship — 1987 Results	41
Jack Files Sunshine State Memorial Contest	_
1988 Results	
National Sprint — name change	41
WIA Novice Contest — 1988 Results	40
Ross Hull Memorial Contest — 1989 Rules	40
Editor's Comment	. 2
Education Notes	46

Electro-Magnetic Con	npatibility Report	_
The VE3SR Case	***************************************	48
Equipment Review		
IC-2GAT & IC-4GAT Tra	ansceivers	26
Five-Eighth Wave	***************************************	57
Forward Bias		54
Hamads	***************************************	63
How's DX		36
Intruder Watch		39
Ionospheric Summary		62
Know Your Secondhan		
equipment		31
Morseword No 21	***************************************	42
Obituaries		61
Over to you! - membe	rs have their say	58
Pounding Brass		47

QSLs from the WIA Collection	50
QSP 13, 24, 34, 44, 54, 56,	60
Silent Keys - VK2MJ	61
Spotlight on SWLing	
VHF UHF — an expanding world	
VK2 Mini-Bulletin	
VK3 WIA Notes	56
WA Bulletin	57
WICEN News	

DEADLINE

All copy for inclusion in the January 1989 issue of Amateur Radio, including regular columns and Hamads, must arrive at PO Box 300, Caulfield South, Vic. 3162, at the latest, by 9 am, November 7 1988

WIA EXECUTIVE AND COUNCIL REPRESENTATIVES

Kevin Olds VK1OK Jelf Pages VK2BYY Peter Mill VK3ZPP David Jerome VK4YAN Rowland Bruce VK5OU Neil Penfold VK6NE Joe Gelston VK7JG VK1 Councillor VK2 Councillor VK3 Councillor VK4 Councillor VK5 Councillor VK6 Councillor VK7 Councillor

Peter Gamble VK3YRP
Ron Henderson VK1RH
Bill Rice VK3ABP
David Wardlaw VK3ADW
Brenda Edmonds VK3KT
George Brzostowski VK1GB
Ray Roche VK1ZJR
Peter Page VK2APP
Bill Wardrop VK5AWM

Federal President
Vice-Chairman
Editor Amateur Radio
Immediate Past-Federal President
Federal Education Officer
Federal Executive
Federal Executive
Federal Executive
Federal Executive
Federal Executive

Alan Hawes VK1WX
Roger Henley VK2ZIG
Jim Linton VK3PC
David Jones VK4NLV
Don McDonald VK5ADD
Christine Bastin VK6ZLZ
Mike Wilson VK7ZWW

VK1 President VK2 President VK3 President VK4 President VK5 President VK6 President VK7 President