

Features

- 12 The Automatic Identification System (AIS) In The Pilbara**
We counted over 200 ships off the Pilbara using AIS from several thousand kilometres away – by Stan Swan
- 16 Review: ScreenScope SSC-A531 Digital Scope**
Just add a USB mouse and a monitor and you've got a full-featured 50MHz 2-channel digital scope (and it costs just \$539) – by Mauro Grassi
- 21 The Bureau Of Meteorology's New Doppler Weather Radar**
It's the latest in the Bureau of Meteorology's weather radar upgrades and you can view its images via the 'net – by Ross Tester

Projects To Build

- 28 A Multi-Function GPS Car Computer, Pt.1**
Compact unit boasts a digital speedometer, over-speed alarm, fuel economy meter and a GPS clock. It also indicates the time & distance to destination, altitude, current latitude & longitude and more – by Geoff Graham
- 42 A Balanced Output Board For The Stereo DAC**
Simple add-on board adds a pair of balanced outputs with XLR connectors to the High-Quality Stereo DAC – by Nicholas Vinen
- 62 Precision Temperature Logger & Controller, Pt.1**
New design provides precise temperature logging for up to 12 hours & can control a 230V heater at up to 10A. The accuracy is 0.1% (excluding probe error) & it interfaces to a PC for control & programming – by Leonid Lerner
- 78 Voltage Interceptor For Cars With ECUs, Pt.2**
Pt.2 this month has the full assembly details for both the main unit & the Pushbutton Controller which is used for programming. There are also full details on installing & using the device – by John Clarke
- 85 WIB: Web Server In A Box, Pt.3**
Final article looks at customising the WIB to meet your own requirements, describes how dynamic content is achieved and gives an example FTP session – by Mauro Grassi

Special Columns

- 58 Serviceman's Log**
Ever a sucker for punishment – by the Serviceman
- 68 Circuit Notebook**
(1) PICAXE-Controlled Slow-Down For DCC Model Trains; (2) Simple Battery Tester; (3) Bathroom Fan Timer Has Single Switch Operation; (4) Using An Old Mobile Phone Battery To Power A LED Torch; (5) PICAXE Digital Clock
- 88 Vintage Radio**
The impressive STC Capehart A8551 radiogram – by Rodney Champness