

## Special Features

- 14 AUSSAT:** Steve Gregory, VK3OT, delves once again into satellite TV. This month, it's Australia's own AUSSAT system.
- 20 FOXHUNTING:** The hounds usually don't howl, but all the fun is there. A tongue-in-cheek look by John Kolm, VK3YJK, who proves he can write too...
- 24 REVIEW:** ARA tests the AEA Pakratt 232 Packet modem. We give it back — reluctantly...
- 28 ANTENNA THEORY:** Les Jenkins, VK3ZBJ, continues his popular 'how-it-works' series.
- 30 ANTENNA DEVELOPMENTS:** Dick Bird, G4ZU, peers hard into his Xtal ball to tell us about antenna design for the year 2000 — and beyond.
- 36 THE MAX LOVELACE COLLECTION:** Tom Moffat, VK7TM, visits the public Hobart home of much pre-loved gear.
- 43 ISSUES:** Rolly Brown, VK2NRB, tells it the way it is... and wins a free subscription in the process!
- 44 LONG-HAUL VHF PROPAGATION:** How does he **really** do it? Les Jenkins, VK3ZBJ, unravels the mysteries of DXing on higher frequencies.
- 47 WIN A DICK SMITH KIT:** Boy, is this easy! All you have to do is hit on a smart kit idea. And we get to build the result...
- 48 THE IDEAL HF ANTENNA:** First it was the ideal HF rig. Now Neil Duncan, VK3AVK, gets his mitts onto antennas. Check out his ratings.

**Cover:** The \$80 million AUSSAT 1 brings Australia into satellite technology with its launch from the space shuttle 'Discovery' on August 28, 1985. **Inset:** The AEA Pakratt PK-232 Packet, ASCII, fax, Morse, Amtor, Navtex and RTTY modem. **Right:** Who else would actually use his radio upside-down but the elusive John Kolm, VK3YJK, who pens the delightful ARA cartoons?

## Regular Features

- 4—QSP:** Will someone please get me a shovel? Survey torture... with Chris Edmondson, VK3YID.
- 6—HAM WORD:** It isn't cryptic — or is it? By Greg Baker.
- 8—NEWS DESK:** News and new product information.
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- 30—G4ZU ANTENNA COLUMN:** A look to future HF antenna technology from Dick Bird, G4ZU / F6IDC.
- 40—YL FORUM:** The Amelia Earhart story, by Kirsti Jenkins-Smith, VK9NL.
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