

Feb-99 Introduction. Data comms. Fundamentals - Audio Shift Keying
Apr-00 High speed data on microwaves. ALE, Slow data on LF. Fundamentals - FSK
Jun-00 Transceiver control. Fundamentals - FSK continued, the Shannon limit.
Aug-00 Bandplans and frequencies. Datamode contesting. DSP on Amsat Phase 3D. Fundamentals - error detection
Oct-00 Latest trends in datacomms. Audio connection problems. Fundamentals - error correction
Dec-00 High Speed packet. Ultra simple datacomms experiments. Fundamentals - error detection and correction
Feb-01 The VE2IQ Coherent BPSK mode
Apr-01 Microwaves and EME data comms ideas. Spectrum analysis software. Fundamentals – BPSK
Jun-01 BARTG, Wolf BPSK at LF. HF Email. Fundamentals - BPSK demodulation
Aug-01 Replacement for the 56002EVM. The T7F UHF data transceiver. Fundamentals - clock recovery
Oct-01 'Listening in'. T7F update. BARTG update. Multiple Data Modes compared. Windows rogramming
Dec-01 Microwave data link update. Fundamentals - waveform shaping and bandwidth control.
Feb-02 WSJT Package. DAT20 HF Data Transceiver. Fundamentals - signals in noise.
Apr-02 Wireless LANs and amateur radio. LF Data comms update. JASON.
Jun-02 Band planning for datacomms. Packet radio in the south. The DSTAR system
Aug-02 Packet Radio. Digital voice at Dayton
Oct-02 The 5MHz experiment. Data on topband. Fundamentals - designing a data mode from scratch
Dec-02 Flexnet packet radio software. MIL-STD 110A. Keep your Older Computers
Feb-03 HF Band planning. More on topband data. Automatic PC time setting. Fundamentals – continued
Apr-03 Tx watchdog timer. Fundamentals – MS mode continued
Jun-03 Multiple soundcards. Multiple serial ports. Reverse beacon with digitisation
Aug-03 G3RUH's Forward Error Correction note.
Oct-03 PSK Reporting. GPS locked signalling
Dec-03 PC Interference. Clock recovery basics.
Feb-04 Five year anniversary - Data Column Feedback
Apr-04 BARTG. MixW USB transceiver interface. Digital selective calling. Digital voice
Jun-04 Windows XP. MultiPSK. Modern modem chips
Aug-04 RTTY Beacon keyer. RTTY software. More on PC operating systems
Oct-04 ON4KST / microwave chat. WLANs in contests
Dec-04 Some corrections. Globalnet. Rejuvenating the packet network
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Apr-05 Fourpak packet update. WSJT update – JT modes. PICs and WSJT coding.
Jun-05 WSJT - the JT65 mode. PC command prompt and redirection
Aug-05 New Wolf GUI. The Numerically Controlled oscillator
Oct-05 Software Defined Radio basics. Doing it in a PIC
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Jun-06 Soundcard Calibration. Pseudo Noise / PR sequences
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Aug-08 Detecting Signals in Noise Part 3, WSPR QSO Mode, Illinois Digital Ham Group
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