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### Next Issue in *QEX*

Cornell Dretea, KW7CD, continues his series about the design of his *Star-10* transceiver. In this part, Cornell gives us a detailed look at the transmit/receive half octave filters, the 75 MHz first IF and the conversion to the second IF at 9 MHz. He also explains the operation of the master reference unit, which produces the stable signal that serves as a reference to phase lock all of the local oscillators.

Jack Smith, K8ZOA, describes the Z100, a CW, RTTY and data mode tuning indicator. Using a PIC18F2420 programmable microcontroller and a 24 LED display, this project will have you tuned to zero beat in no time. It's another must-read issue!

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