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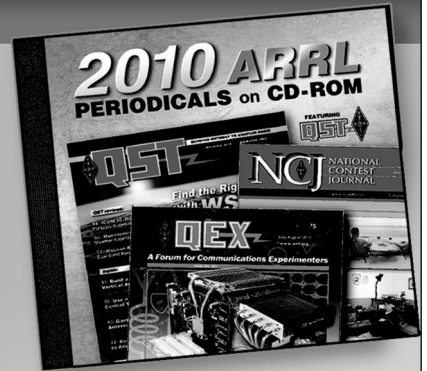
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QST Issue: Jul 1953
Title: John Wells, W1ZD

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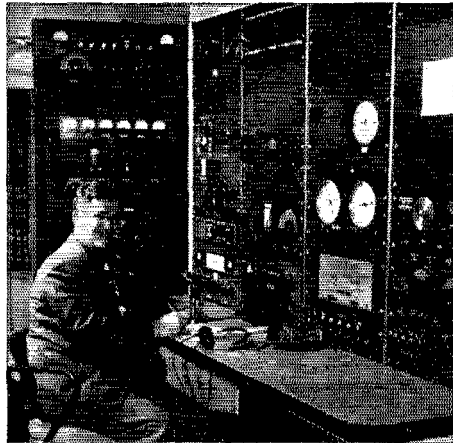
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He Makes What We Hams Use



JOHN WELLS, W1ZD
Harvey-Wells Electronics, Inc.

EVER since John worked French 8AB in 1924, DX has been his major interest. Section winner in the DX contests of 1936, 1947, 1948, WAC in 1936, postwar DXCC — but perhaps the most excitement was back before World War I when he made a coherer-type receiver respond to a spark coil several hundred feet away. John was first president of his school's wireless club, 1BTJ, in 1919, and a reorganizer of the Harvard Wireless Club, 1AF, whose 500 cycle "impact" transmitter gave considerably more joy to the club members than it did to the operators at the Charleston Navy Yard. One of the earliest hams to grind crystals, having started by using pebble quartz lenses obtained in England, John's description of his crystal-controlled rig appeared in *QST* for June, 1926. It was his autogyro that made the trip to the White Mountains for the 5-meter eclipse of the sun tests written up by Ross Hull in the October, 1932, issue. Two summers as a seagoing sparks and one on a Navy destroyer helped John become the good op he is now. W1ZD always welcomes a rag-chew, c.w. or 'phone; look for him on any band from 50 Mc. down.

Strays

As a proper follow-up to the Stray on page 49 of May *QST*, we are pleased to announce that Dad Ogureak, then WN9UBV, successfully passed his General Class exam and thus evened the score with 11-year-old son Larry, W9UBY.
— W9ONY, Milwaukee Radio Amateurs' Club

A.R.R.L. QSL BUREAU

The function of the ARRL QSL Bureau system is to facilitate delivery to amateurs in the United States, its possessions, and Canada of those QSL cards which arrive from amateur stations in other parts of the world. Its operation is made possible by volunteer managers in each W, K, and VE call area. All you have to do is send your QSL manager (see list below) a stamped self-addressed envelope about 4¼ by 9½ inches in size, with your name and address in the usual place on the front of the envelope and your call printed in capital letters in the upper left-hand corner. For a list of overseas bureaus see p. 59, June, 1953, *QST*.

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- W2, K2 — H. W. Yahnel, W2SN, Lake Ave., Helmetta, N. J.
- W3, K3 — Jesse Bieberman, W3KT, Box 34, Philadelphia 5, Penna.
- W4, K4 — Thomas M. Moss, W4HYW, Box 644, Municipal Airport Branch, Atlanta, Ga.
- W5, K5 — Oren B. Gambill, W5WI, 2514 N. Garrison, Tulsa 6, Okla.
- W6, K6 — Horace R. Greer, W6TI, 414 Fairmount St., Oakland, Calif.
- W7, K7 — Mary Ann Tatro, W7FWR, 513 N. Central, Olympia, Wash.
- W8, K8 — Norman W. Aiken, W8LJS, 701 East 240th St., Euclid 23, Ohio.
- W9, K9 — John F. Schneider, W9CFT, 311 W. Ross Ave., Wausau, Wis.
- W0, K0 — Alva A. Smith, W0DMA, 238 East Main St., Caledonia, Minn.
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- VE5 — Fred Ward, VE5OP, 899 Connaught Ave., Moose Jaw, Sask.
- VE6 — W. R. Savage, VE6EO, 329 15th St., North Lethbridge, Alta.
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- VE8 — W. L. Geary, VE8AW, Box 534, Whitehorse, Y. T.
- KP4 — E. W. Mayer, KP4KD, Box 1061, San Juan, P. R.
- KZ5 — P. C. Combs, KZ5PC, Box 407, Balboa, C. Z.
- KH6 — Andy H. Fuchikami, KH6BA, 2543 Namaau Dr., Honolulu, T. H.
- KL7 — Box 73, Douglas, Alaska

Answer to QUIST QUIZ on page 37

The question is a trick one, since it can be interpreted two ways. If the question means, "How many kc. should I cover in the band?", the answer is "6 to 8 kc.," depending upon his voice, the audio response of his transmitter, and the distortion in his transmitter's audio system. With serious distortion in the transmitter and an upper voice limit of 4 kc., appreciable power might exist out to 12 kc. either side of the carrier, resulting in a 24-kc. chunk of the spectrum being used.

But if the question means, "How many kc. will I cover on A's receiver?", the answer depends on the characteristics of A's receiver and how he uses it. A highly-selective receiver that is not overloaded (and is run with the a.v.c. turned off) would show what B's signal is actually covering. A less-selective receiver run the same way could give a false indication. An overloaded receiver of any kind would generate spurious signals in the receiver, giving the impression that A's signal is unduly broad.