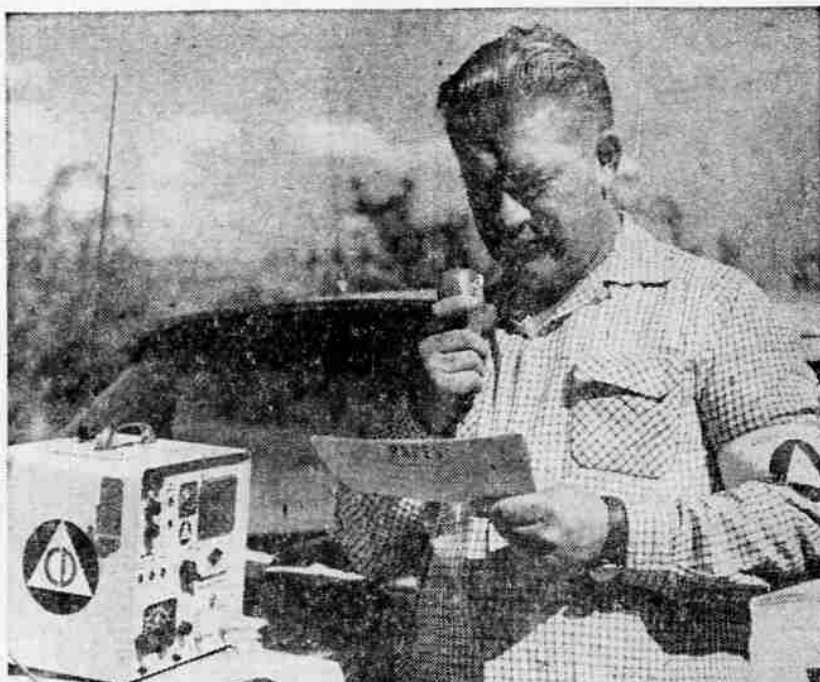


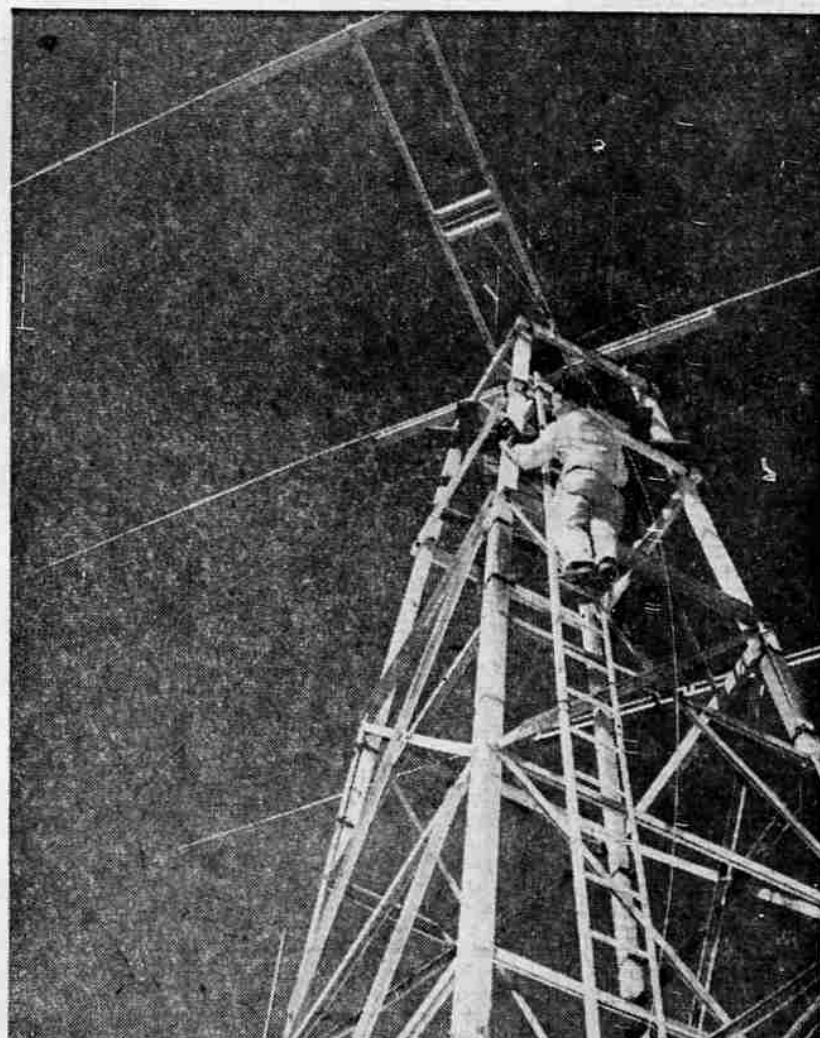
Radio Hams



Thousands of men and women who are amateur radio operators, or hams, derive a double pleasure from the hobby; it provides satisfying recreation and is also a vital means of communication during disasters and emergencies. R. D. Church, W7HPO, 301 Hamilton street (standing) and Victor Milnes, W7CRN, 15 North Groveland avenue, are two of the county's better known hams. The two, both long-time operators, are shown here enjoying an evening of "rag chewing" with fellow hams.



Dwight Albright, W7HLF, 1654 Orchard Home drive, head of the Jackson County Civil Defense communications center net, is shown here using a portable transmitter and receiver. Mr. Albright aided in the search when three members of the Frank Morgan family were recently missing for several hours in the Butte Falls area. Eight main bands of broadcasting are available to amateurs; operators in the northwestern states are all assigned the "W7" call letters.



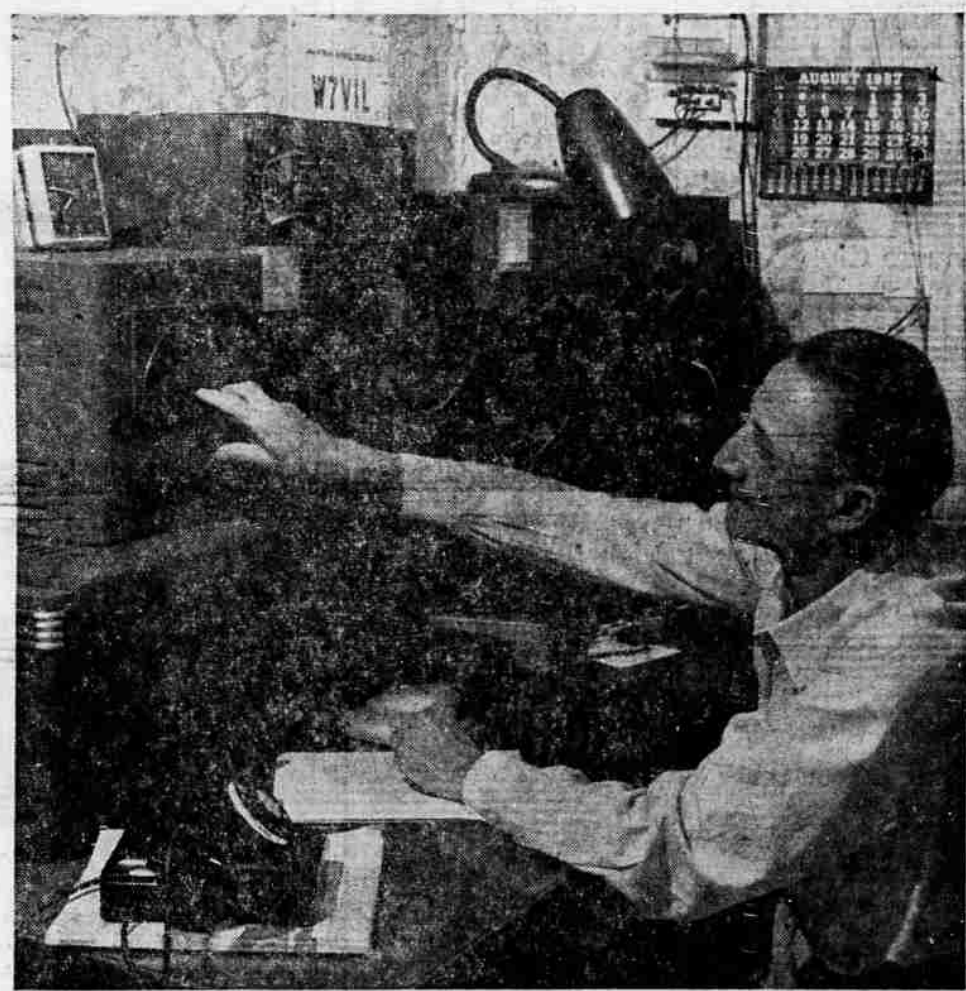
Charles Thurston Jr., W7BEG, 1641 Ridgeway avenue, is shown here on his modern radio tower adjusting the beam antenna, which can be aimed to send signals to any part of the world. A former senior forest ranger with the U.S. Forest service who saw duty both at Mt. Baker and Mt. Hood National forests, Mr. Thurston has been active in amateur radio since 1929. He is both an amateur and a commercial radioman. Page pictures made by Kenn Knackstedt, himself a ham operator.



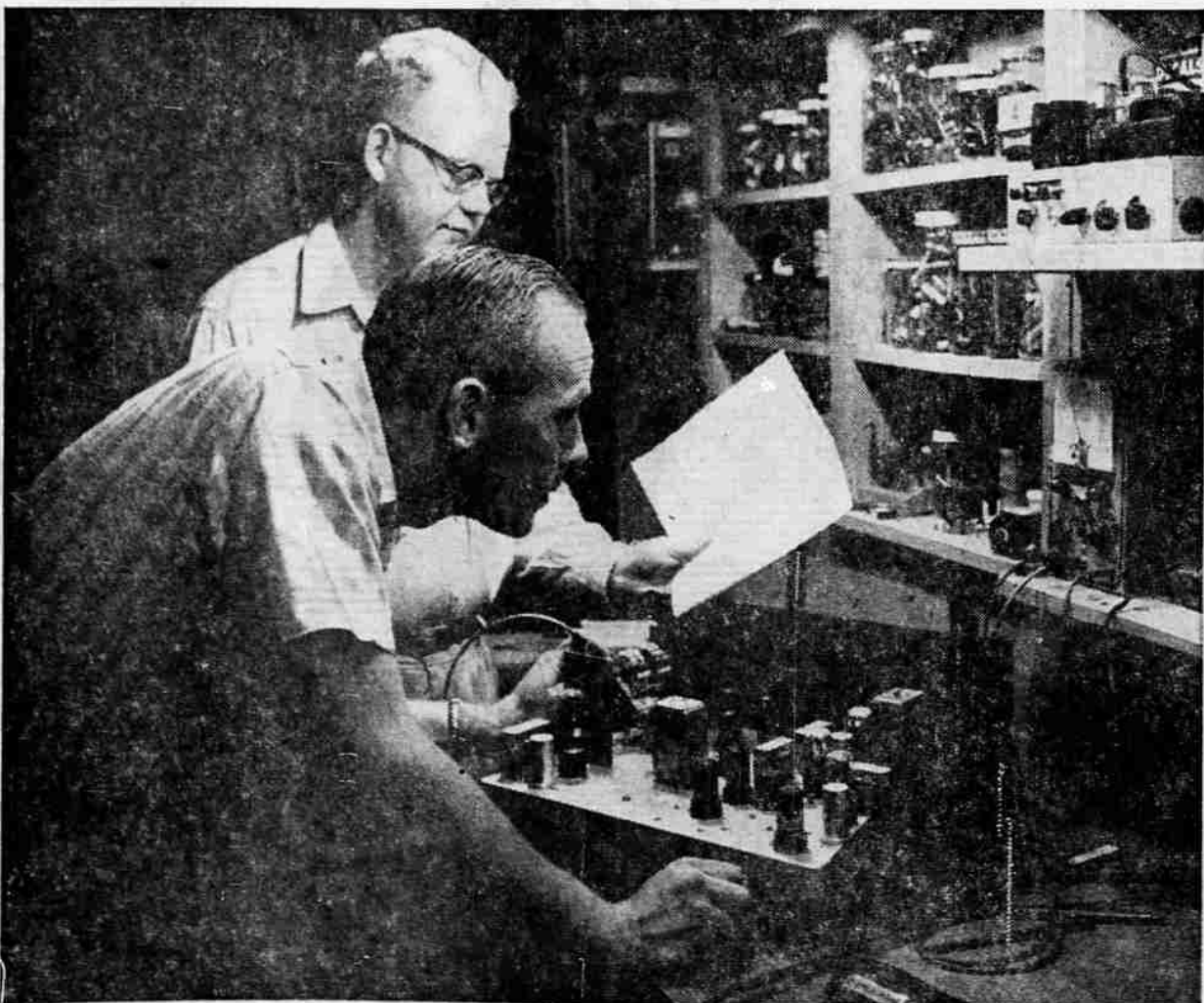
Everett Cuffell, W7VPH, 909 North Central avenue, here tunes the receiver of his compact mobile station. This unit draws its power from the car battery, and is ready for immediate use should a disaster disable electrical facilities. Mr. Cuffell has been interested in radio since 1907 and has an official experimental station certificate; he designs and builds much of his own equipment. He is a member of MARS, Military Affiliate Radio system, a system of amateur radio operators using their own equipment on military channels to form a link with the military radio network.



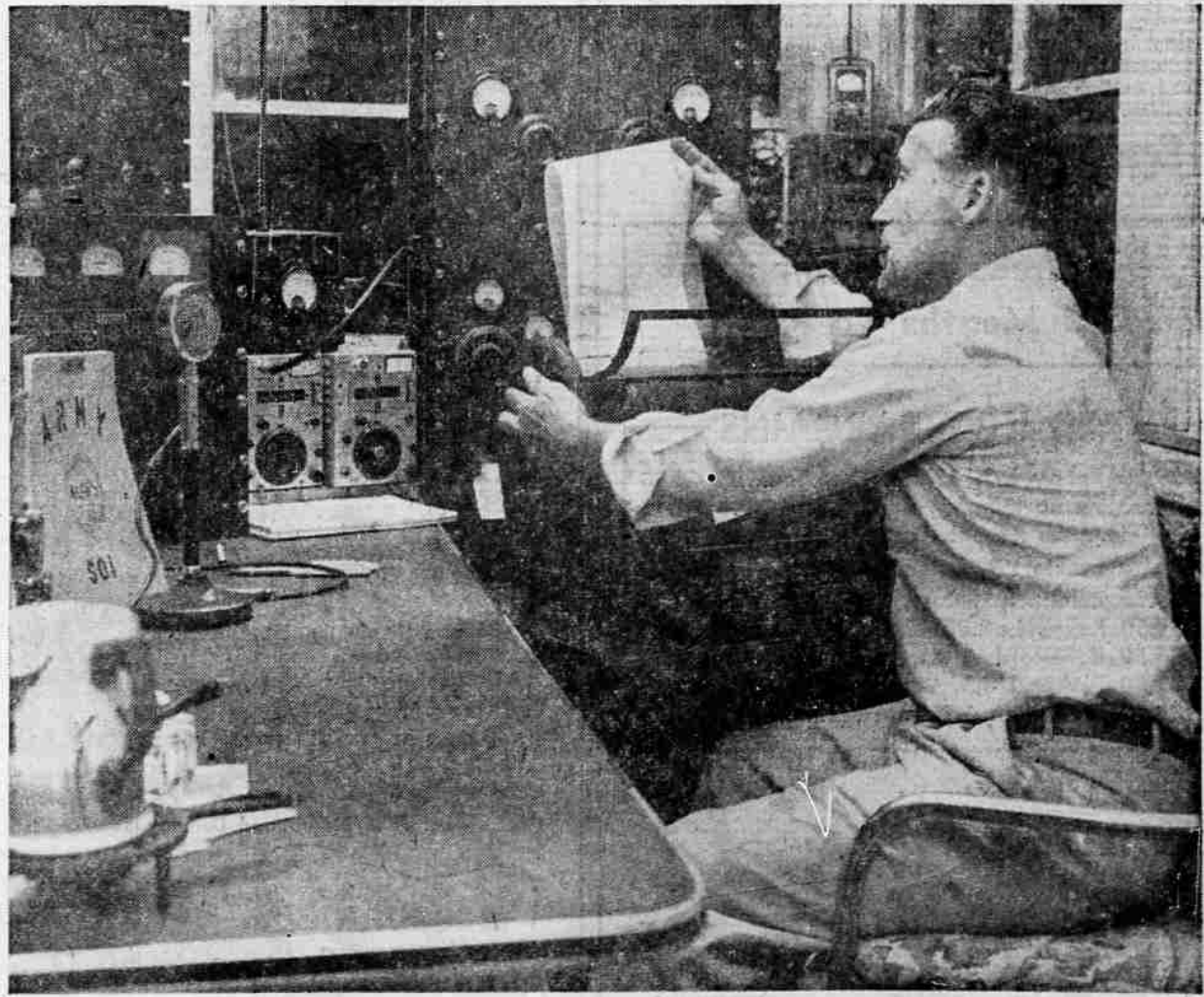
Del Wright, W7ISP, 513 South Keeneway drive, demonstrates how not to test the output of a transmitter by drawing an arc on the coil of the antenna tuner. This ham is active in the civil defense network, belongs to MARS, RACES (Radio Amateur Civil Emergency Service) and has a public service award for helping during the Siskiyou forest fire emergency in 1955.



Earl Casebolt, W7VIL, 738 West Eleventh street, is president of Rogue Valley Amateur Radio club. Active since 1954, Mr. Casebolt is a member of MARS, RACES and the Oregon Emergency Net, known as OEN. His station is used as the base station for mobiles. Hams use a language all their own and their conversation is full of side bands, rigs, excitors, QSLs, QSOs, band hopping, phone patches and other words and phrases which mean nothing to the uninitiated. Mr. Casebolt has a large stack of QSL cards from all over the United States which acknowledge contacts made with other hams.



Two operators often heard on the air are Robert L. "Bud" Larson, W7LNG, (at back) and Herb Grey Jr., W7MMI, 307 Mae street. The two men are shown in the latter's tiny "ham shack" adjoining his garage. Mr. Larson, who holds a public service award for volunteer work during the 1955 forest fire emergency, also belongs to MARS. Mr. Grey, like many other hams, became interested in radio as a boy, later attended a professional school of radio and electronics and now works for the California Oregon Power company in radio maintenance. Here he is checking the voltage on a single side band exciter.



Charles Thurston, who has his equipment set up on the sun porch of his home, recently added teletype equipment to his amateur station. Mr. Thurston has been receiving teletype messages via amateur radio, and is in the testing stage on sending. A strong believer in maintaining efficient emergency system to use in case of natural disasters or for civil defense purposes, Mr. Thurston is active in MARS and belongs to Rogue Valley Amateur Radio club. His rig not only includes the elaborate radio receiving and transmission and teletype equipment, but a sizeable coffee pot and supplies for Mr. Thurston's ever-present pipe. (All photos by Kenn Knackstedt W7OVO)