

Yuletide Radio Programs Promise To Bring Unusual Entertainment

Christmas and the wonderful programs it will bring to the millions of radio fans throughout the country!

"The last two months have been a period of excellent entertainment for radio listeners—and the holiday season should bring a continuation of these good programs."

Radio fans have been fortunate in getting excellent reports on the various football games over the Pacific coast network. The musical programs have been excellent. The Armistice Day programs brought back fond memories to both veterans of the late war and those who had to remain at home in the form of stirring war songs and dramas in connection with the signing of the armistice.

Thanksgiving programs were unusually entertaining and now comes the holiday season when radio entertainment is certain to be waiting for the radio listener.

The home without a radio is missing these treats over the air. However, the percentage of homes without radios is getting smaller each day, local dealers report.

gallons. I sold two gallons and gave one gallon away. It doesn't seem to be poisonous."

The diary, faded with age and exposure was found on a table near a crudely constructed still of wash-bottles. The house was vacant except for an interior room fitted up as the distillery. The operator of the still was not found.

WOULD CLEAR THE "ETHER"

Radio Commission Prepares to Use Broom on Air Path

WASHINGTON — The Federal Radio Commission took a new broom and prepared for a clean sweep of the ether along a definite path of between 600 and 1000 kilocycles. Within this band, according to information conveyed in general order No. 1, just issued every kind of "whistling" or other heterodyning caused by the interference of one radiocasting station with another will be stopped.

The new order is considered one of the most important in the commission's history. It affects about 25 stations which have, according to cause "log jams" in the ether, in the present restricted channels causing most of the heterodyning interference. The transfer of such stations to new waves is called for, effective Dec. 1.

Besides the channels cleared by the summary removal of 25 stations, 10 additional channels will be cleared by co-operation among radiocasters or upon the basis of public hearings. So far as possible the commission urges the companies to act independently to clear the channels, but in cases where this has not been accomplished by the date set, hearings will be called in this city. The final "clean-up" in the group will be finished by Jan. 15.

Under the program 26 wavelengths will be carried. Most of the changes, it is reported, have been made upon the basis of numerous and persistent reports of interference from listeners.

"In order to improve radio reception throughout the United States, particularly for the very large audience of rural and remote listeners who are situated far outside of the local service range of any radiocasting station as well as to reduce generally interference from heterodyning 'between stations' the commission is taking the present step, it announces.

SHIP'S DISAPPEARANCE PUZZLES SEAPARERS

MOBILE, Ala.—(AP)—Where is the schooner Clara M. Littlefield?

Like a phantom ship the sturdy little craft owned by a Pensacola firm has disappeared in the Gulf of Mexico after leaving for the fishing grounds off the Campeche Banks.

Coast Guard boats have failed to find a trace of the schooner. Radio has failed to connect with the craft.

On Sept. 24 the Clara M. Littlefield left her home port. A month later there came word from the schooner, indirect. The Glenpool, a steamship reported sighting the vessel 80 miles south of South Pass. Fuel had been exhausted for the motor and food supply was diminished.

LIFE IS ODD, SAYS BOOTLEGGERS' DIARY

INDIANAPOLIS—(AP)—"Life's a funny thing," reads one entry of a bootlegger's diary, discovered by police here when they raided a liquor establishment. "Neil is sick tonight. Here I am, making whiskey to keep her alive, and that same whiskey may kill some one else."

The first entry reads: "Well, I've started at last. The first night I sold four gallons." The next night he wrote: "The second night I made two and a half

Flower Basket Hook Ends



If you are losing sleep nights trying to "think up" the daintiest and loveliest of Christmas gifts for some winsome debutante or belle, here it is—flower-basket hook ends. They are all that esthetic femininity might wish for. Confined of gold lace, stretched over colorful satin-covered basket forms, they are as substantial and practical as if of heavy bronze. Those pretty poses which spill over the top are handmade of gay silk and satin and tinsel—very "Frenchy!"

READ TIDINGS CLASSIFIED

Radio's Invisible Lighthouses Give New Safety to Navigation

WASHINGTON — Radio beacons are becoming the invisible lighthouses of the seven seas, and the latest report of the United States Lighthouse Service shows 45 American stations in operation and a dozen more under construction.

The signals are no longer used only in times of fog as they were when first established in America in 1921, but are found valuable in clear weather permitting bearings to be taken far beyond the range of any signal depending upon vision.

From the historic old lighthouses and lightships that mark the reefs and promontories of the Atlantic and Pacific coast, like those off Nantucket, Mass., Cape Henry, Va., Dry Tortugas, Fla.; Point Arguello, Calif., and

the Columbia River, Oregon, the invisible flashes of dots and dashes are sent out or are being prepared for this latest electric service.

The signal characteristic of each location is a code of dots and dashes. There are three radio signals ready or under construction of Alaska, and one at Makapuu Point, Hawaii, but one of the greatest areas of usefulness is on the Great Lakes.

While radio beacons have been placed at strategic positions on the ocean coasts that would afford the best leading marks, guiding vessels to harbor entrances or outlying capes, those on the Great Lakes, first established only two years ago, guide international commerce between Canada and the United States on

Lakes Superior, Michigan, Huron and Erie.

Several hundred ships, a large proportion of the important vessels on the lakes, are equipped for taking bearing and are actually utilizing this method of navigation.

An extraordinary fact in the installation of this important aid to safety in navigation is that thus far the setting up and operation of the American system has required the addition to the personnel of the lighthouse service of only two radio engineers.

Fog is the greatest menace to the safety of navigation at sea, and the most urgent need of the navigator has long been some reliable means for locating and guiding his vessel in fog. The

CALLS EATING WORST VICE OF COLLEGIANS DELAWARE, O.—(AP)—Eating is the college student's worst vice so far as his health is concerned, says Dr. George D. Lowry, university physician at Ohio Wesleyan university here.

Indifference and ignorance radio beacon, in conjunction with the radiocompass or direction finder on shipboard, for the first time in navigation, effectively provides such a means and enables the navigator to take accurate bearings regardless of weather conditions, and this method is available at distances up to several hundred miles, far beyond the usefulness of any other aids to navigation.

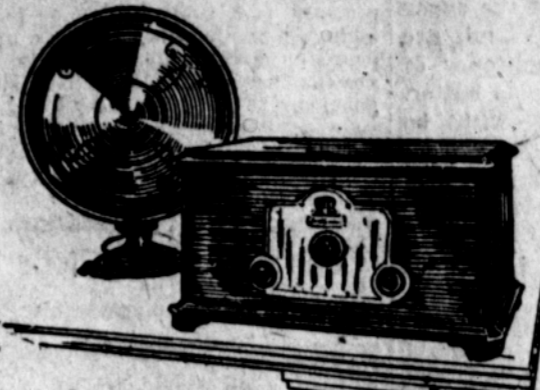
concerning the rules of proper diet are the greatest cause for the ill of college students, Dr. Lowry believes, basing his conclusion on the many student cases he treats daily at Ohio Wesleyan.

Superstitions concerning health are held by some college students, despite the general sophistication of the undergraduate, Dr. Lowry has found.

"I have been surprised to discover evidence of superstition among a few students," he said. "One girl expressed a faith in the protective powers of red flannel that recalls to me a similar superstition of China." Dr. Lowry for 20 years was head of the Methodist hospital at Peking, China.

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