

The Listener Talks Back

FM Lengthens Its Horizons

BY WILLIAM L. DOUDNA (State Journal Staff Editor)

When stories about FM (frequency modulation) radio first appeared, and when FM began to be a reality, there was open skepticism about its advantages. Among the skeptics was yours truly. "Even though tone quality is high, even though there's no static, it is practical to invest in FM if one can hear only those stations whose antennas can't broadcast beyond their own horizons into ours," the argument ran. "Until the countryside is filled with FM towers, let's stick to AM (amplitude modulation)."



oliver, and indicated what might happen were we to have a permanently installed exterior, dipole antenna — the type recommended for use with FM. Without even trying for distance — just fiddling around daytimes and evenings — we picked up 16 FM stations, almost all of them with the volume and quality of local transmission. We made no attempt to go "DX-ing," as we used to do in the days of crystal sets and later with the multiple-dial receivers which preceded the modern gang-condenser models. (Sometime we may go on a real exploration trip around the dial, shifting the antenna's effort to bring in numerous, distant stations.) So far, we have logged points as far away as Winona, Minn. Here, by frequencies, are the FM stations we heard: WHA-FM, Madison, 88.7. WKWV, Chilton, 89.9. WHAD, Delafield, 90.7. WHSS, Wausau, 91.3. WTMJ-FM, Milwaukee, 93.3. WWCF, Greengfield township, 94.9. WBBM-FM, Chicago, 97.1. KWNO-FM, Winona, 97.3. WISCF-FM, Madison, 98.9. WCLO-FM, Janesville, 99.9. WHBL-FM, Sheboygan, 100.3. WRJN-FM, Racine, 100.7. WBA-FM, Madison, 101.5. WFHR-FM, Wisconsin Rapids, 103.3. WFOV, Madison, 104.9. WBNB, Beloit, 107.3. Of these, the best (outside of Madison) were Beloit, Wisconsin Rapids, Greengfield, Milwaukee, and Sheboygan. Others came in, but too weakly at the time for immediate recognition. We'll try them again later.

Uncle Ray's Corner

Mackenzie Notes Dogrib Indian Life

Alexander Mackenzie made notes about the Indians whom he found in northwestern Canada. The trip took place a century and a half ago, and part of it was through a region which never had been explored. "The men," wrote Mackenzie, "have lines tattooed on their cheeks. Their clothing is made of the dressed skins of reindeer or moose. Their upper garments are large enough to cover the whole body. "Their leggings come half way up the thigh, and are sewed to their shoes. The dress of the women is the same as that of the men." Described Dogrib Ornaments Mackenzie also described ornaments worn by these Indians, who belonged to the Dogrib tribe. Bracelets made of wood, horn and bone were popular. Here, in shortened form, is an account of other customs which he described: "Their lodges are simple: a few poles supported by a fork, and forming a half-circle at the bottom. The

poles are covered with branches or bark. "They build two of these huts facing each other, and make the fire between them. They have a few dishes of wood, bark or horn. Indians Used Nets "They have leather bags to hold their nets, lines and embroidery work. They always keep many fibers of willow bark which they can work into thread. The nets which they use in rivers are 3 feet wide and about 18 feet long. They also have nets for use in lakes, and these have a length as great as 240 feet." Birds and rabbits were seen from time to time. They were of gray or gray-white color, as most animals are in the summer in this region. In winter some animals of northern Canada take on a snow-white color. Guide Escaped After the Dogrib guide escaped, another Indian was found to give directions to the party. He belonged to the Hare tribe. Before long came the sight which everyone was looking for—the sea! Mackenzie had

reached the shore of the Arctic ocean! As if to prove that it was the ocean, a whale appeared off the coast. It swam through waters which contained a great deal of floating ice. So ended the trip to the mouth of the Mackenzie river. To get there from Lake Athabasca it had taken one month and 12 days. Most of the Indians whom Mackenzie met while exploring "the big river" were members of the great family of tribes known as Athabascans. The Dogrib guide employed by Mackenzie did not like his task. After traveling with the party a few days, he escaped from camp one night and was not seen again. Going down the big river, the explorers saw Great Bear lake to the right of them. Trees were observed here and there, but they were short and stunted. In the Northland, trees are very much like the small ones found high on mountain slopes.

The Sunday Crossword Puzzle

A large crossword puzzle grid with numbers 1 through 178 indicating starting points for words. The grid is partially filled with letters.

A list of crossword puzzle clues, numbered 1 through 178, corresponding to the grid. Clues include: 1 Grade, 2 To fondle, 3 Boat Indian tree, 4 British town, 5 Inability to coordinate muscular movement, 6 Swiftness, 7 To sit the market, 8 Symbol for nickel, 9 Roman tutelary gods, 10 Dove, 11 Unit of quantity of electricity, 12 A measure of area, 13 To go stealthily, 14 Worthless, 15 A surface at an angle, 16 French down, 17 Perfect score in bowling, 18 A surface at an angle, 19 French down, 20 A king of Judah, 21 Mathematical term, 22 Magnificent, 23 Gains, 24 Standard equipment in old carriages, 25 Days, 26 Betrayed, 27 Senda money in payment, 28 Alleviate, 29 Vedic fire god, 30 Exhausted, 31 A African shelter, 32 A kind of stream, 33 A pleasant experience, 34 A kind of bird, 35 A pleasant experience, 36 A kind of bird, 37 A pleasant experience, 38 A kind of bird, 39 A pleasant experience, 40 A kind of bird, 41 A pleasant experience, 42 A kind of bird, 43 A pleasant experience, 44 A kind of bird, 45 A pleasant experience, 46 A kind of bird, 47 A pleasant experience, 48 A kind of bird, 49 A pleasant experience, 50 A kind of bird, 51 A pleasant experience, 52 A kind of bird, 53 A pleasant experience, 54 A kind of bird, 55 A pleasant experience, 56 A kind of bird, 57 A pleasant experience, 58 A kind of bird, 59 A pleasant experience, 60 A kind of bird, 61 A pleasant experience, 62 A kind of bird, 63 A pleasant experience, 64 A kind of bird, 65 A pleasant experience, 66 A kind of bird, 67 A pleasant experience, 68 A kind of bird, 69 A pleasant experience, 70 A kind of bird, 71 A pleasant experience, 72 A kind of bird, 73 A pleasant experience, 74 A kind of bird, 75 A pleasant experience, 76 A kind of bird, 77 A pleasant experience, 78 A kind of bird, 79 A pleasant experience, 80 A kind of bird, 81 A pleasant experience, 82 A kind of bird, 83 A pleasant experience, 84 A kind of bird, 85 A pleasant experience, 86 A kind of bird, 87 A pleasant experience, 88 A kind of bird, 89 A pleasant experience, 90 A kind of bird, 91 A pleasant experience, 92 A kind of bird, 93 A pleasant experience, 94 A kind of bird, 95 A pleasant experience, 96 A kind of bird, 97 A pleasant experience, 98 A kind of bird, 99 A pleasant experience, 100 A kind of bird, 101 A pleasant experience, 102 A kind of bird, 103 A pleasant experience, 104 A kind of bird, 105 A pleasant experience, 106 A kind of bird, 107 A pleasant experience, 108 A kind of bird, 109 A pleasant experience, 110 A kind of bird, 111 A pleasant experience, 112 A kind of bird, 113 A pleasant experience, 114 A kind of bird, 115 A pleasant experience, 116 A kind of bird, 117 A pleasant experience, 118 A kind of bird, 119 A pleasant experience, 120 A kind of bird, 121 A pleasant experience, 122 A kind of bird, 123 A pleasant experience, 124 A kind of bird, 125 A pleasant experience, 126 A kind of bird, 127 A pleasant experience, 128 A kind of bird, 129 A pleasant experience, 130 A kind of bird, 131 A pleasant experience, 132 A kind of bird, 133 A pleasant experience, 134 A kind of bird, 135 A pleasant experience, 136 A kind of bird, 137 A pleasant experience, 138 A kind of bird, 139 A pleasant experience, 140 A kind of bird, 141 A pleasant experience, 142 A kind of bird, 143 A pleasant experience, 144 A kind of bird, 145 A pleasant experience, 146 A kind of bird, 147 A pleasant experience, 148 A kind of bird, 149 A pleasant experience, 150 A kind of bird, 151 A pleasant experience, 152 A kind of bird, 153 A pleasant experience, 154 A kind of bird, 155 A pleasant experience, 156 A kind of bird, 157 A pleasant experience, 158 A kind of bird, 159 A pleasant experience, 160 A kind of bird, 161 A pleasant experience, 162 A kind of bird, 163 A pleasant experience, 164 A kind of bird, 165 A pleasant experience, 166 A kind of bird, 167 A pleasant experience, 168 A kind of bird, 169 A pleasant experience, 170 A kind of bird, 171 A pleasant experience, 172 A kind of bird, 173 A pleasant experience, 174 A kind of bird, 175 A pleasant experience, 176 A kind of bird, 177 A pleasant experience, 178 A kind of bird.

Today's Outstanding Radio Programs, Classified

A grid of radio program listings for Sunday. Columns include station call letters (WIBA, WISC, WKOW, WISU, WBBM, WENR-WLS, WGN, WMAQ) and time slots. Programs listed include news, music, drama, and discussion.

A detailed grid of radio program listings for Sunday, continuing from the previous block. It lists various programs such as 'Coffee Concerts', 'Musical Shows', and 'Drama' across different time slots and stations.

WIBA-FM... 101.5 M. WWCW (WISU)... 94.9 M. WISC-FM... 98.9 M. * Starred programs are also carried on corresponding FM stations... FM channels:

Advertisement for 'Esther's Baby Plans Pat Arrival'. Features a photo of Esther Williams and text about her pregnancy and the movie 'The Traitors'. Includes a coupon for 'Slenderness... So Beautifully Expressed' and 'Polio' information.

ESTHER WILLIAMS the modest salary of \$50 a week, saddles, and guitar. That new if you want to make a million contract Roy Rogers just signed right quick, make with the boots, with Republic will get him even