

WLYN

1360 KC - 1000 Watts/400 watts PSA

For Immediate Release

WLYN-FM

101.7 MC 2640 watts ERP

PURITAN BROADCAST SERVICE, INC.

156 BROAD STREET, LYNN, MASS.

Tel. LYnn 5-6200

25 March 1975

Dear

I have the pleasure to verify your report of reception of WLYN during the special experimental transmission arranged in coordination with the National Radio Club, which took place between 0230 and 0246 Eastern Daylight Time (0630-0646 GMT) on 3 March 1975. Your report contains sufficient detail to compare with our Log and the special identifications employed, and confirm that it was indeed our signal which you received. Reception of WLYN operating at full power output, 1000 watts, is therefore verified, ~~and, even more remarkably, you also received us during the period when power was reduced to 400 watts.~~

Our mail to date (three weeks after the test) indicates that we were heard in seven Eastern & Northeastern states plus D.C., four Midwestern, and one Central state (Nebraska), with reduced-power reception as far away as Illinois. In many cases QRM was quite considerable, with the Cincinnati, Green Bay & Miami Beach stations reported as responsible for the greatest part of it.

At a 6 a.m.-to-sunset station where reception beyond 30 miles is considered remarkable, it is certainly exciting to have been heard in other states, some quite distant, & it reminds us of the problems & responsibilities nighttime operation must entail. You are now among a very small (and selective) group of individuals who have picked up our signal from afar. All on the staff here who have seen the reports received have been very impressed by the dedication, patience & technical ability demonstrated by the MW DXers (night-owls, all) who tuned us in that Monday morning. You are to be congratulated.

We operate non-directionally & as a local station, & no coverage map is available. You may be interested to know that our antenna is a series-excited tower 262 feet (80 meters) high, or 0.36 wavelengths, physically, with a ground system consisting of a 30 x 30' copper screen and 120 buried copper quarter-wave radials in close proximity to salt marsh near the Saugus River.

Thank you very much for your report. I would like to wish you continued good times with your DXing & any other radio interests.

Congratulations! You hold the DX record for our signal, and are likely to retain it for a long time to come. We are rather pleased to get out so far &, I think, owe this as much to your concentration as to the old ionosphere.

Thanks for the good clear report.

73;

Rick Levy
Rick Levy, W1HGR
Chief Engineer

The Most Popular and Most Powerful Radio Station on the North Shore