

FEBRUARY 11, 1993

KERMIT GEARY
1266 RIVERVIEW DR.
WALNUTPORT, PA. 18088

DEAR KERMIT,

THANKS FOR YOUR RECEPTION REPORT OF WMUS-AM, MUSKEGON, MICHIGAN ON FEBRUARY 5, 1993 FROM 4:00-4:30AM. THE TEST WAS FUN AND I RECEIVED CALLS ON OUR 800 LINE WHEN I REQUESTED RECEPTION REPORTS OVER THE INTROS OF SONGS. WITH THE INTERFERENCE FROM WBAL I'M NOT SURPRISED YOU COULDN'T HEAR ANY VOICE, BUT I'M GLAD THE CID'S CAME THROUGH. I PUT THEM BETWEEN EVERY SONG JUST TO BE ON THE SAFE SIDE AND THEY WERE THE ONLY THING INTELLIGIBLE TO ABOUT HALF OF THE RECEPTION REPORTS I'VE RECEIVED SO FAR. I RECEIVED A TAPE FROM OKLAHOMA OF THE TEST AND IT WAS WEIRD TO HEAR HASH UNDER KAAY, BUT THE CID'S WERE RIGHT THERE, JUST AS YOUR DESCRIBED.

I USED TO DX A LOT WHEN I WAS A KID BUT NEVER HEARD OF THE NATIONAL RADIO CLUB UNTIL WAYNE FROM COLORADO SENT US A LETTER REQUESTING THE TEST. I SHOULD BECOME A MEMBER. I'VE GOT A LOT OF BACKYARD(20,000 SQUARE FEET)TO STRING SOME LONGWIRES.

I PUT THE HALF HOUR SHOW TOGETHER BEFORE THE BROADCAST IN OUR 8 TRACK STUDIO, AS I HAD TO BE ON THE AIR ON OUR FM AT THE TIME(OUR AM IS JUST SIMULCAST DURING THE NORMAL DAYTIME HOURS OF OPERATION). WE SHOULD GIVE THANKS TO ANOTHER ENGINEER FRIEND OF MINE WHO CONSULTS WITH ME. I COULDN'T GET WMUS-AM TO COME UP TO FULL POWER ON THE REMOTE CONTROL, SO HE GRACIOUSLY GOT OUT OF BED AND WENT TO OUR TOWER SITE AND REPROGRAMMED THE COMPUTER ON OUR CONTINENTAL TRANSMITTER, OR THERE WOULDN'T HAVE BEEN A TEST!

SPEAKING OF EQUIPMENT AND POWER, WE USE A CONTINENTAL 1KW TRANSMITTER, COMPUTER CONTROLLED BECAUSE WE HAVE LOW POWER PRE-SUNRISE AND POST-SUNSET AUTHORITY AND IT HANDLES ALL OF THAT SO THE PERSON ON THE AIR DOESN'T HAVE TO DEAL WITH IT. OUR AM TOWER IS AT OUR OLD BROADCAST FACILITY IN NORTH MUSKEGON, MI. IT'S IN THE MIDDLE OF A SWAMP WITH GOOD RADIALS IN THE GROUND, SO IT GETS OUT GREAT. IT'S STRONGER IN GRAND RAPIDS, MI. THAN SOME OF THEIR AM'S!! OUR AUDIO PROCESSING IS(IF YOU CAN BELIEVE IT)ARE THREE URIE LA-4'S, EACH MODIFIED FOR LOW, MIDDLE AND TOP END EQUALIZATION, THEN COMBINED INTO THE MICROWAVE. I KNOW THE URIE'S ARE OLD, BUT WE PUT THEM BACK IN SERVICE. WE TRIED OPTIMOD-AM, INOVONICS MAP II AND CRL, BUT COULDN'T GET THE DENSE SOUND WE WANTED, SO THE URIE'S WENT BACK IN. IT IS MY BELIEF THAT DENSE, TIGHT AUDIO WILL CUT THROUGH ALL THE CLUTTER.

BEST REGARDS,



CHRIS ROBERTS