

SENDERGRUPPE
ROT-WEISS-ROT
(I.S.B. RADIO SECTION)
WIEN - SALZBURG - LINZ

Abtlg. Techn./Lö.

Betrifft:

Ihr Schreiben:

Unser Schreiben:

LINZ, den April 4, 1950

Hauptplatz, Brückenkopf-Gebäude-West

II. Stiege

Tel.: 38742-24857, 24877

Mr.
Kermit Geary
R.F.D. No. 2,
Walnutport,
Pennsylvania,
U. S. A.

Dear Mr. Geary,

I was very glad to receive your letter of the 18th of January. I know that it is a matter of honour among radio amateurs to answer immediately when observations of reception are given from abroad. However, owing to the opening of our new studio in Linz on the 15th of January, which gave tremendous work until recently, this answer was delayed and I ask you to excuse me. Most liberal American help enabled us to build this studio and equip it with the most modern implements like consoles and magnetophones. Celotex plates from America were used to improve the accustic of the studio rooms.

Your report on our program was quite correct; the eclosed daily program of the 18th of Jan. will prove it. American jazz music is very popular in Austria and therefore it is played very often.

Especially our woman announcer was enthusiastic about being heard in Walnutport, USA. Announcer and the entire personnel thank you for your kind greetings.

And now a word on technical matters:

Our transmitter is placed 372 m above the Mediterranean. There are 15 KW aerial efficiency, $f = 1294 \text{ kc} - 231.8 \text{ m}$ grid voltage modulation. A vertical iron mast, 165 m high, is used as antenna tower. As we used to work with about 330 m wavelength, the height of this mast was correct. However, since the wavelength was changed, the mast measurement doesn't work any more and the angle of wave radiation has become much steeper. This also is the reason for your good reception in spite of the relatively small efficiency of our transmitter.

Certainly the weather conditions must have been favourable that day. Linz had covered sky, wind between W and NW, 6 km per hour, temperature: - 2.2 degrees, light snow fall.

Es wird gebeten, Zuschriften nur an die Sendergruppe Rot-Weiß-Rot **und nicht** an Einzelpersonen zu richten!

NOT-WEISS-ROT

On the 15th of March, we have increased our frequency again, from 1294 kc to 1394 kc. Unfortunately the transmitter of Graz (Austria) is working on the same frequency. The mast will be shortened to about 110 m in summer, so that the efficacy of the antenna becomes better.

I should appreciate to hear from you then about the reception of our transmitter.

You may be interested to know that we were also heard by Mr. S.A. Mann, 125 Ward Street, Westbury, L.I. New York, on the 2nd of Jan. the time between 12'50 and 1'10 AM, local time.

In return for your real useful reception report I am sending you two pictures which show our new studios. Unfortunately I have not received them until today. On our pictures you can see the console complete with two turntables, on the other a magnetophone machine. This magnetophone machine is being used for recordings of speech and musical programs. Besides the magnetophone allows us to record programs as often it is necessary, because the tape is cleaned automatically by the next recording, if the taped program is no longer needed. Attached to this letter you will also find a sample of a recorded tape of our magnetophone.

Once more my thanks for your kind report

yours very truly

vy 73 as best de lb om!

*Löffler Fritz
Studio Linz*