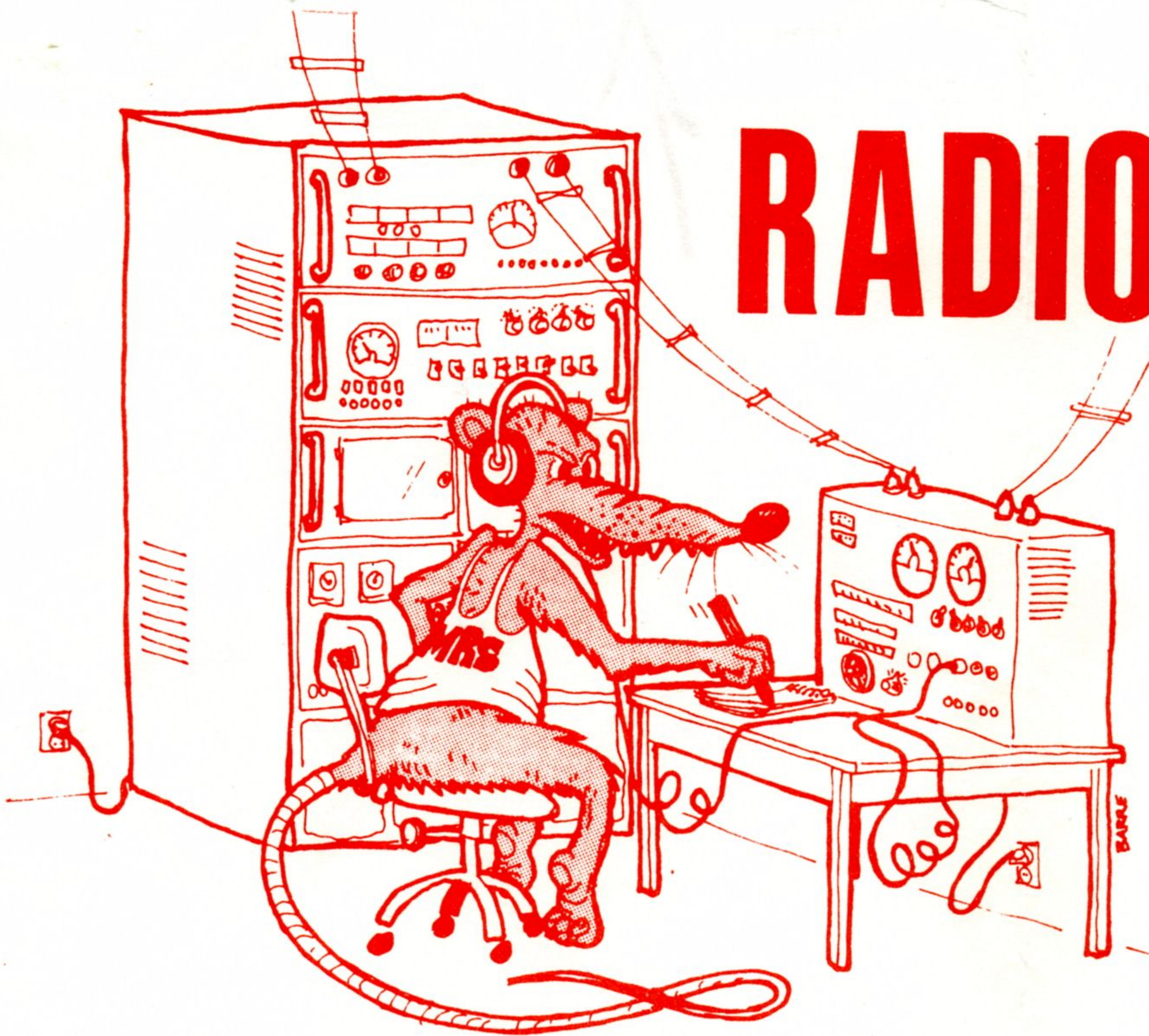


RADIO - BUSINESS!



Radio WCCO
625 Second Ave So
MINNEAPOLIS, MN 53402

Dear friends,

I'm most pleased to inform you that I have picked up your signal over here in Sweden on 830 kHz AM.

The date for reception was **December 31st 1977** and I stayed in tune from **01.15 to 01.35 hrs** local time. The signal strength was very good during the time monitored.

If the details given below corresponds with your records of programmes transmitted, I'd be very pleased to find your verification on listening-in (QSL) among my mail. Such a document would be a nice memory to me of this contact with your station as well of this long trip I and 6 friends did up to the **very northern parts of Sweden** to listen to overseas radio stations. We spent 10 days in the **small village Karesuando (400 inhabitants) close to the Finnish border.**

01.16 Jazz music, vocals: Bernie Lee
counterpart: Pete Greens & Lester Didrick
01.27 Time and temperature checks "15 degrees in Twin Cities"
01.28 Spot for Home Federal Savings
01.34 Call "WCCO, Minneapolis, Minnesota" and a weather report.

My receiving equipment consists of a communication receiver type Drake Spr-4 and two longwire aerials of 300 metres each, in 330 resp. **390 degrees** direction (towards the American continent).

All the best for the new year!

Yours Sincerely,

Per Eriksson
Slipgatan 9, 6tr
117 39 STOCKHOLM
SWEDEN

PLEASE REPLY TO:

PRO

JOHN ALLCHIN,
18 Burwood Crescent,
Remuera,
Auckland 5.
NEW ZEALAND

18th December, 1978

Radio Station WCCO,
625 2nd Avenue,
Minneapolis,
MINNESOTA 55402

Dear Sir,

I am very pleased to report reception of WCCO Radio operating on a frequency of 830 kHz in the medium wave broadcast band from 01:03 hours to 01:08 hours Central Standard Time on the early morning of Saturday November 25th, 1978. I am sorry for the slight delay in sending you this reception report.

RECEPTION LOCATION: Reception of WCCO was made from Te Araroa, East Cape on the east coast of New Zealand's North Island. Sited on an ocean beach, this is an excellent location as it is the most easterly part of the country and looks directly over the Pacific Ocean in a northeasterly direction - right in the beam of North America. It was in this direction that I was able to run out a 1200 foot plus long-wire antenna across two fields, over a swamp and through a number of palm trees - an aerial which was obviously responsible for 'netting' my only second station from Minnesota - I heard KSTP St Paul the night before!

RECEIVER Sony ICF6800W, a synthesised dual conversion receiver with the latest 'novelty' of digital readout of frequencies.

RECEPTION CONDITIONS Conditions were generally good to very good and clear, with reception being accompanied by little, if any, atmospheric noise - just occasional soft bursts of static. Apart from this slight atmospheric disturbance, conditions for reception of WCCO were excellent.

SIGNAL STRENGTH: During this five minute period of reception, signal strength ranged from weak during a fade, to peaks at quite a good level. Generally fair steady signals but with quite a high level of co-channel interference. (see INTERFERENCE). One major fade occurred during this five minute period.

READABILITY OF SIGNAL: Apart from during fading and static bursts, most of your programme was heard fairly well.

INTERFERENCE: Interference from stations operating on the adjacent frequencies was not evident at all. However as there was the strong Hawaiian station KIKI on this frequency, reception of WCCO was only possible for five minutes, when your station surfaced atop the 10,000 watt Hawaiian station. Reception of 830 kHz has now become possible since the New Zealand synchronised stations 1YX Whangarei and 1YK Kaitaia changed from this frequency to 837 kHz, far enough away to cause no splash at all. This frequency change was in agreement with a special agreement signed in Geneva whereby stations in Europe, Africa, Asia and the Pacific move to common frequencies to reduce hetrodyne interference. KIKI after this time completely dominated the frequency unfortunately.

DETAILS OF PROGRAMME HEARD

TIME (Central Standard Time)

- 01:03 At this time of tune in, WCCO had a bulletin of Network News.
- 01:05 MESSAGE If you are blind or unable to read normally, or you know someone with this problem, write now for more information to Lip..?.. Box 10, Port Washington, New York 11050 we'll even tell you how to get a special recod player required and it won't cost you a cent. Just write Lip..?.., Box 10, Port Washington, New York 11050 or telephone 516 8838280.
- 01:05½ News continues.
- 01:06 Network News concludes, John Bohanna was the reporter.



WCCO → Bulgarian interference at 827 kHz

arctic radio club

— First Medium Wave DX Club in Europe —

Umeå, January 10th, 1978

Chief Engineer
WCCO Radio
MINNEAPOLIS
USA

Dear Sir,

It was with pleasure I heard your station in the morning of New Years Eve here. Before coming to the details of that, I would be glad to catch your eyes on a short description of me and my environment.

My name is Per Olov Österlind, I'm 30, married and have a six years old son. My hometown is Umeå (70.000 inhabitants), which is located in northern Sweden, some 300 kilometres south of the Arctic Circle. Winter here is long and cold. The first snow usually falls in October, and the last disappears in the end of April. Temperature sometimes is down at -20°C for a week or so. But I bet you've got at least that cold, too! Otherwise, Umeå is quite a nice town, called as it is, "Town of the Birches".

There is also a hospital here, and that is my working place, since I am a medical student. In my spare time, I mostly ski (vertically and horizontally), read and listen to music.

But now to the report.

Your station was heard here on December 31st, 1977 from 0100 to 0113 CST, on 830 kHz.

Program description:

0100: CBS News

0106: Weather report. I cite: "Well, snow is falling over all sections of South Dakota, Lemmon in NW S.D. reporting heavy snow. Blowing snow at Aberdeen and Philip and...20 to 25 m/h, up to 40...snow expected over S.D. this morning. Chances...snow appearing in NW and NC Iowa, in SW Iowa, there's scattered light...rain...Precipitation moving to the East about 35 m/h. And...light snow continues over a large section of EC, C and WC Minnesota as well as over NC Wisconsin...east 20-25 m/h. For the Minneapolis-St Paul area, cloudy with light snow tonight,...Saturday and Saturday night...cloudy on Sunday. The low tonight will be about the same as the high Saturday, between 12 and 16° above. And on Saturday night...5 above. High Sunday 5 to 10 above. Winds NE about 10 mph tonight ..up to 10-20 mph Saturday..."

0108: "Don't it make my brown eyes blue" by Crystal Gayle.

0110: Time check: "It's 10 minutes past 1 o'clock", and the number 2462 was mentioned.

0113: Station identification: "And we'll have the game right here on CCO".

WCCO was the only station on the frequency here. Bulgaria on 827 kHz made some interference, but it was not bad. The signal from WCCO was really enormous this morning, which was very good concerning reception of North American MW stations.

P.T.O.

RECEPTION REPORT

WCCO

HELSINKI

JAN 7,

19 78

MINNEAPOLIS

MINNESOTA U.S.A.

Dear Sirs,

I had the pleasure of listening to your station WCCO broadcasting on 830 kilohertz in the

metre band on the 1 of JAN. 19 78 at 0134-0149 GMT CST

Details from your programme:

0134 A MAN IS TALKING OF LOMBARDO-BROTHERS,
 0135 STATION IDENTIFICATION 'WCCO' THEN TALK OF
 MINING INDUSTRY, AN ADDRESS HIGHWAY 169 IN
 NORTHERN MINNESOTA WAS GIVEN, PROBABLY PSA,
 0136 FOOTBALL VIKING - DALLAS COWBOY.
 0139 LOCAL WEATHER EG. WIND 15 MPH IN THE NORTH
 80% RELATIVE HUMIDITY A.S.O.
 0145 TALK OF NEW YEAR DANCE PARTY, RESERVATIONS PHONE 335-9311
 0147 NEWS: PRES CARTER AND KING HUSSEIN MENTIONED,
 BROKEN DIPLOMATIC RELATIONSHIP BETWEEN CAMBODIA AND
 VIET-NAM, PRODESIA PM IAN SMITH MENTIONED,
 THEN WINTER STORM WARNING IN EASTERN IOWA, NORTHERN
 ILLINOIS, NW INDIANA, SW LOWER MICHIGAN,
 'A LITTLE SNOW IS FALLING DOWN(?) 7 DEGREES ABOVE'
 0149 11 MINUTES TO 2 O'CLOCK. THEN MUSIC.

The reception was

SINPO 34333

	Signal strength	Interference	Noise	Propagation disturbance	Overall merit
5	excellent	nil	nil	nil	excellent
4	good	slight	slight	slight	good
3	fair	moderate	moderate	moderate	fair
2	poor	severe	severe	severe	poor
1	very poor	extreme	extreme	extreme	unusable

Receiver: TRIO 9R-59DS

Antenna: 600M BEVERAGE BEAMED 305°

Remarks: I AM VERY PLEASED IF YOU COULD VERIFY THIS REPORT WITH YOUR STATION QSL-CARD. MANY THANKS IN ADVANCE!

Thank you for your transmission. Your confirmation of my reception would be very much appreciated.

Yours faithfully,

Pertti Laaka

Name

PERTTI LAAKA

Address

MÄKITORPANTIE 40C'35
SF-00640 HELSINKI 64
FINLANDIA