





THE VOICE OF AMERICA
Washington, D.C., U.S.A. 20547

We are pleased to confirm your reception of our broadcast on:

DATE 11/7/89 TIME 0300-0700 UTC

FREQUENCY 9575 kHz

TRANSMITTER Bethany, Ohio

Thank you for your interest in VOA.

These Crosley transmitters served the Voice of America from 1942 to 1989 at the VOA Bethany, Ohio relay station, delivering news and information to listeners around the globe. These have been replaced with new, state-of-the-art Brown Boveri, transmitters.

VERIFIES FINAL BROADCAST ON THE CROSLY XMTRS.

BETHANY RELAY STATION

1942  1992

Half a century of broadcasting to the world



Voice of America
Bethany Relay Station
Post Office Box 227
Mason, Ohio 45040 USA

Photo shows Bethany Relay Station
Main Transmitter Building (1990)
With Curtain Antenna Support Masts
for antennas bearing to Europe and Africa

Verification ("QSL") Card

Date / Datum / Fecha / Date: 15 September 1991

Time / Heure / Zeit / Hora: 1701-1733 UTC

kiloHertz: 19.261.5 U.S.B.


Mr. Carl Mann

6711 S. 139 Ave. Cir.

Omaha, Ne. 68137

Program Details / Resume de l'emission
Programmdetails / Sumario del programa

VOA English to Africa service
feeder transmitter.


for Bethany Relay Station

September 19, 1991

Hi Carl,

Glad to verify your feeder transmitter report. I will try to answer your questions, as best I can.

Sideband feeders are still used because we have experienced loss of signal on the Ku band satellite, during heavy rains in Washington. The audio quality is due to the fact that we run a wide bandwidth signal on ISB. Our audio is 6 kHz, as opposed to the narrower SSB signal found, say on the ham bands. There, we run maybe 3.5 kHz. max. bandwidth.

Glad to hear you got one of the Crosley cards. I also had something to do with this operation. I wish that the program had been as we had planned it...1940s music, and older type of programming, but as you know, powers that be call the shots.

I have been SWLing since 1965, on and off, and have just recently gotten started again. What is neat, is being able to send QSLs for the VOA, and talk with folks on the computer BBSs and shortwave echos.

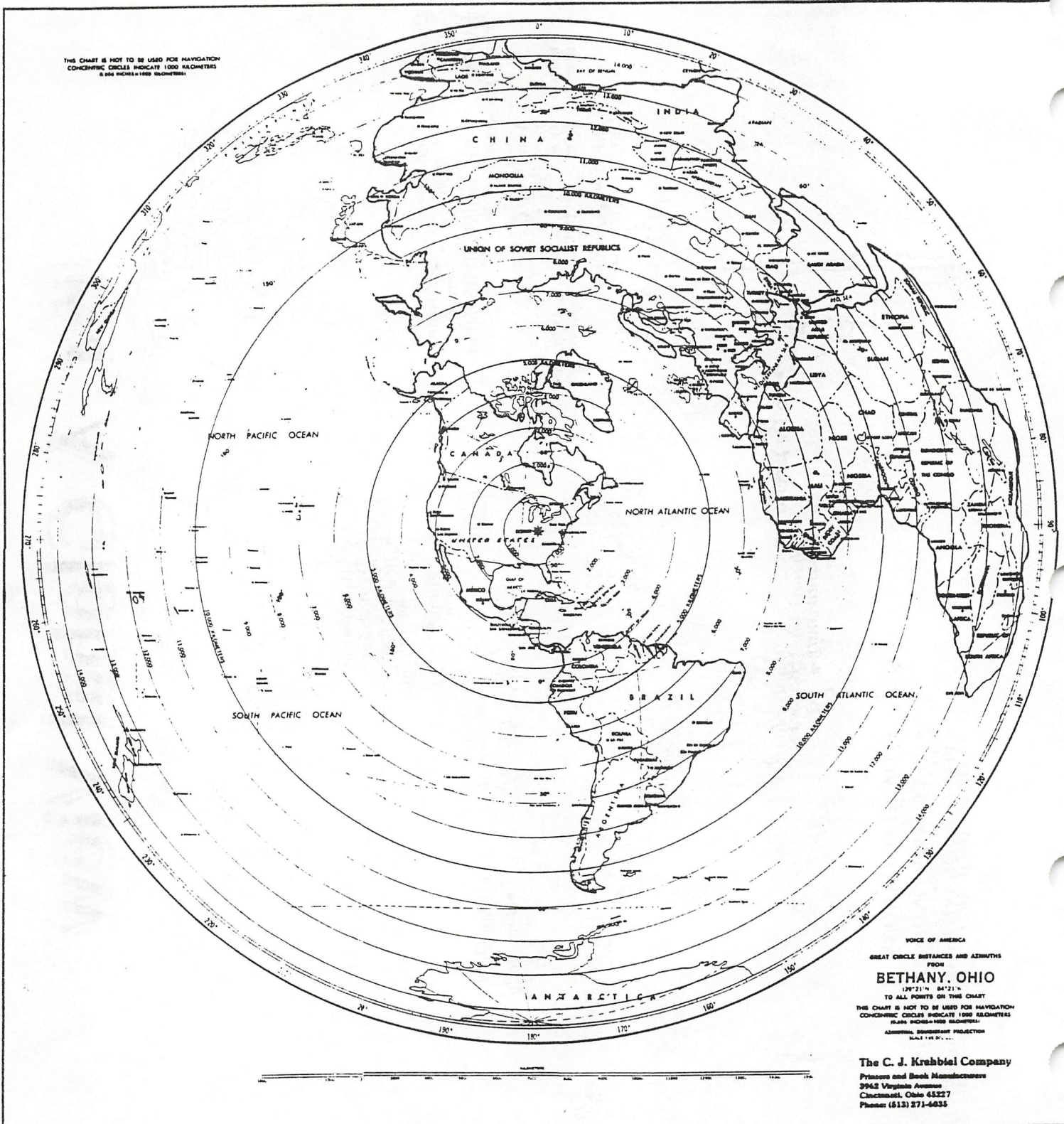
If you are ever in the area, call and we will give you a look at the place. The new transmitters are due on line Nov. 1, 1991, as of this date. We are planning a first day broadcast, by switching all our programming from the Collins transmitters, to the new ABB transmitters for the one day. After that, Washington will probably program them, but we haven't been told with what as yet.

I see you are a news director..I have been chief engineer for a CBS tv station, and on contract to 8 radio stations, in Laredo, Texas before I moved to Ohio. Really miss the "real world" of broadcasting.

Sincerely 73 from Bethany


John Vodenik WPE9IQF/WB9AUJ

THIS CHART IS NOT TO BE USED FOR NAVIGATION
 CONCENTRIC CIRCLES INDICATE 1000 NAUTICAL MILES
 @ 6082 INCHES = 1000 NAUTICAL MILES



VOICE OF AMERICA
 GREAT CIRCLE DISTANCES AND AZIMUTHS
 FROM
BETHANY, OHIO
 139°21' W 41°21' N
 TO ALL PORTS ON THIS CHART

THIS CHART IS NOT TO BE USED FOR NAVIGATION
 CONCENTRIC CIRCLES INDICATE 1000 NAUTICAL MILES
 @ 6082 INCHES = 1000 NAUTICAL MILES
 AZIMUTHS, EQUIDISTANT PROJECTION
 SCALE 1:608,200

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A Global View



- ▲ VOA RELAY STATIONS
- VOA CORRESPONDENT BUREAUS
- VOA HEADQUARTERS, WASHINGTON, D.C.

BETHANY FACILITIES

<u>TRANSMITTERS</u>	<u>MANUFACTURER</u>	<u>POWER</u>	<u>FREQUENCY RANGE</u>
BY-4, 5, 6	Collins 821A-1	250 kW	6 - 26.5 MHz
BY-9, 10	Continental 617-A	50 kW PEP	2 - 30 MHz

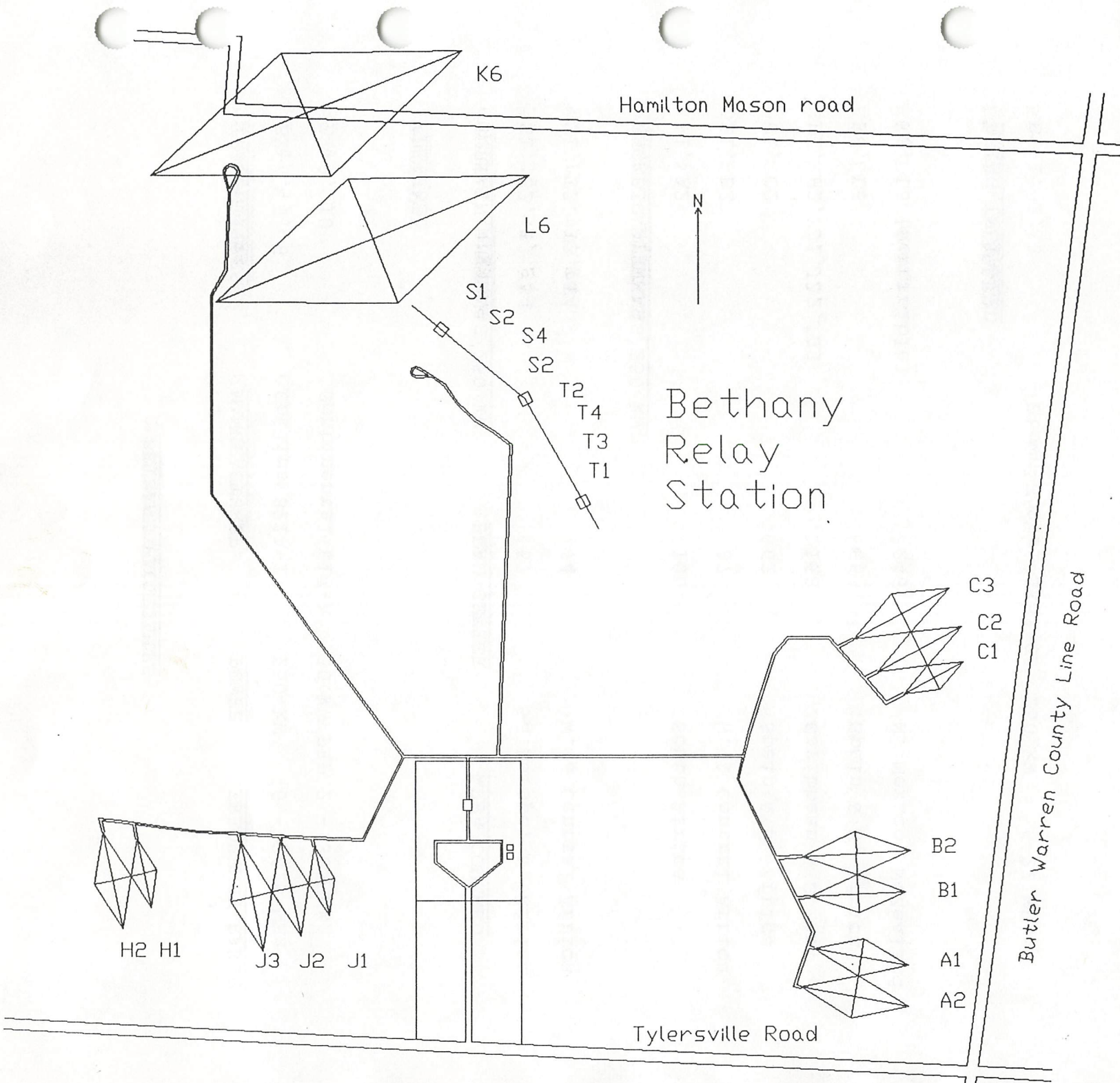
ANTENNAS

<u>CURTAIN ANTENNAS 250 kW</u>	<u>BEAM CENTER</u>	<u>AREA COVERED</u>
S1, S2, S3, S4	57	S. Europe, N. Africa
T1, T2, T3, T4	74	W. & Central Africa

<u>RHOMBIC ANTENNAS 250 kW</u>		
A1, A2	100	South Africa
B1, B2	87	W. & Central Africa
C1, C2	62	Spain & N. Africa
H1, H2, J1, J2, J3	168	Caribbean & S. Am.
K6, L6	66	Spain & N. Africa
K6, L6 (Reversible)	246	N. Mexico, N. Zealand

BEING INSTALLED

BY-1, 2, 3	Brown Boveri SK53-C3	250 kW	6-22 MHz
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Hamilton Mason road

Bethany
Relay
Station



Butler Warren County Line Road

Tylersville Road

K6

L6

S1

S2

S4

S2

T2

T4

T3

T1

C3

C2

C1

B2

B1

A1

A2

H2 H1

J3 J2 J1