

# STANDARD BROADCAST ALLOCATION MAPS

540 KC TO 1600 KC

*All North American standard  
broadcast frequency assignments  
and allocations in accordance  
with the current North American  
Regional Broadcasting Agreement.*

*March 1954*

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MUTUAL BROADCASTING SYSTEM, Inc.



# STANDARD BROADCAST ALLOCATION MAPS

540 to 1600 K.C.

## MAP GUIDE

This Book includes all existing allocations of Canada and the United States, including Puerto Rico, Alaska, Hawaii and the Virgin Islands. The allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down by the North American Regional Broadcast Agreement of November 1950.

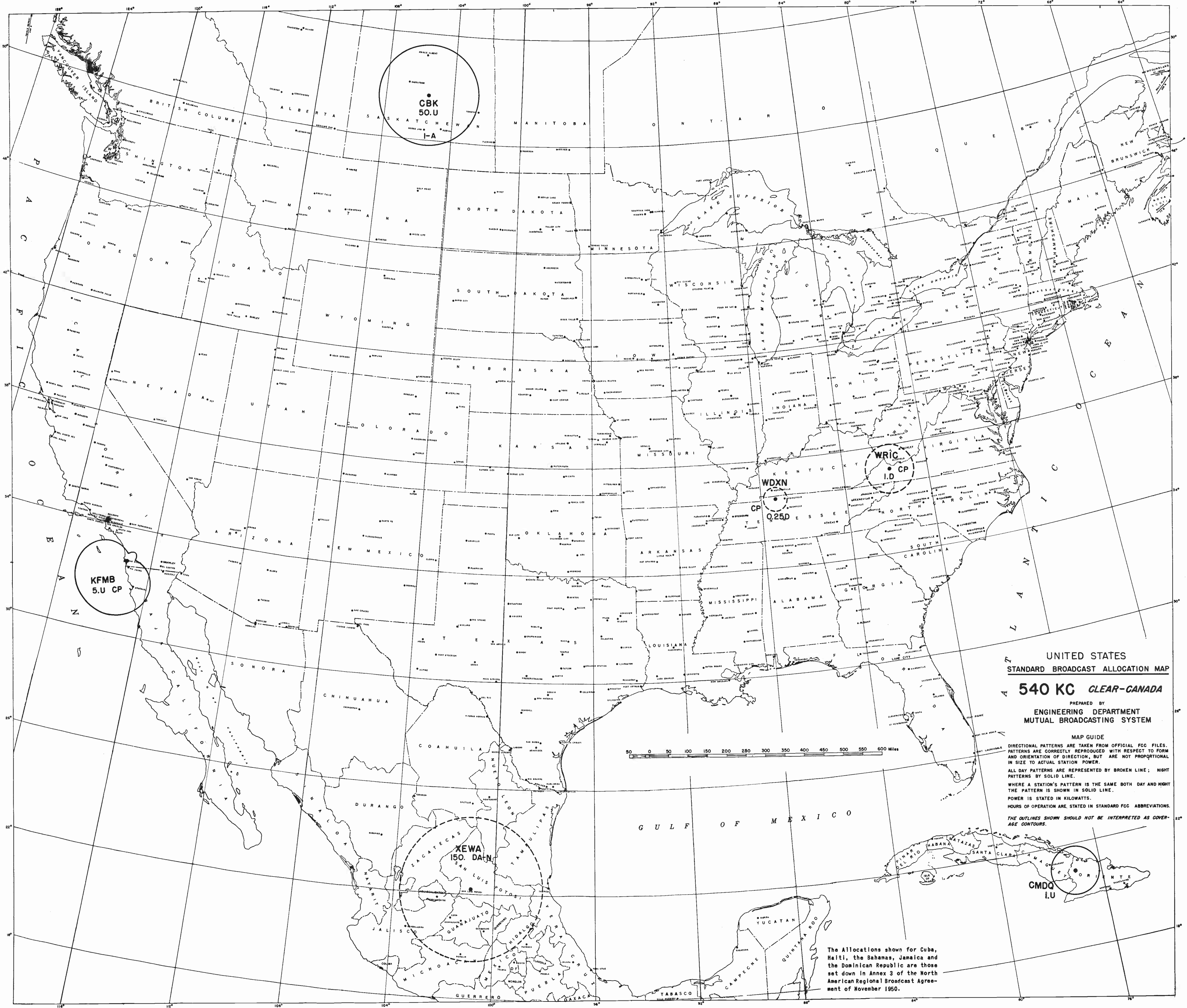
Directional patterns are taken from official F. C. C. files. Patterns are correctly reproduced with respect to form and orientation. The area enclosed by a directional pattern or by the circle representing a non-directional operation is adjusted in accordance with an arbitrary scale, to indicate

approximate relative radiation. These patterns do not intend to show exact radiation, nor can they be interpreted as coverage contours. All day patterns are represented by broken line; night patterns by solid line.

Where the station's pattern is the same both day and night, the power also not changing, the pattern is shown in solid line. Power is stated in kilowatts. Hours of operation are stated in standard F. C. C. abbreviations. The base map is an Albers Equal Area projection, North American Datum. Shore line and projection by the U. S. Coast and Geodetic Survey.

ADDITIONAL COPIES \$50.

Available from: Engineering Department  
Mutual Broadcasting System, Inc.  
1440 Broadway  
New York 18, N.Y.



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

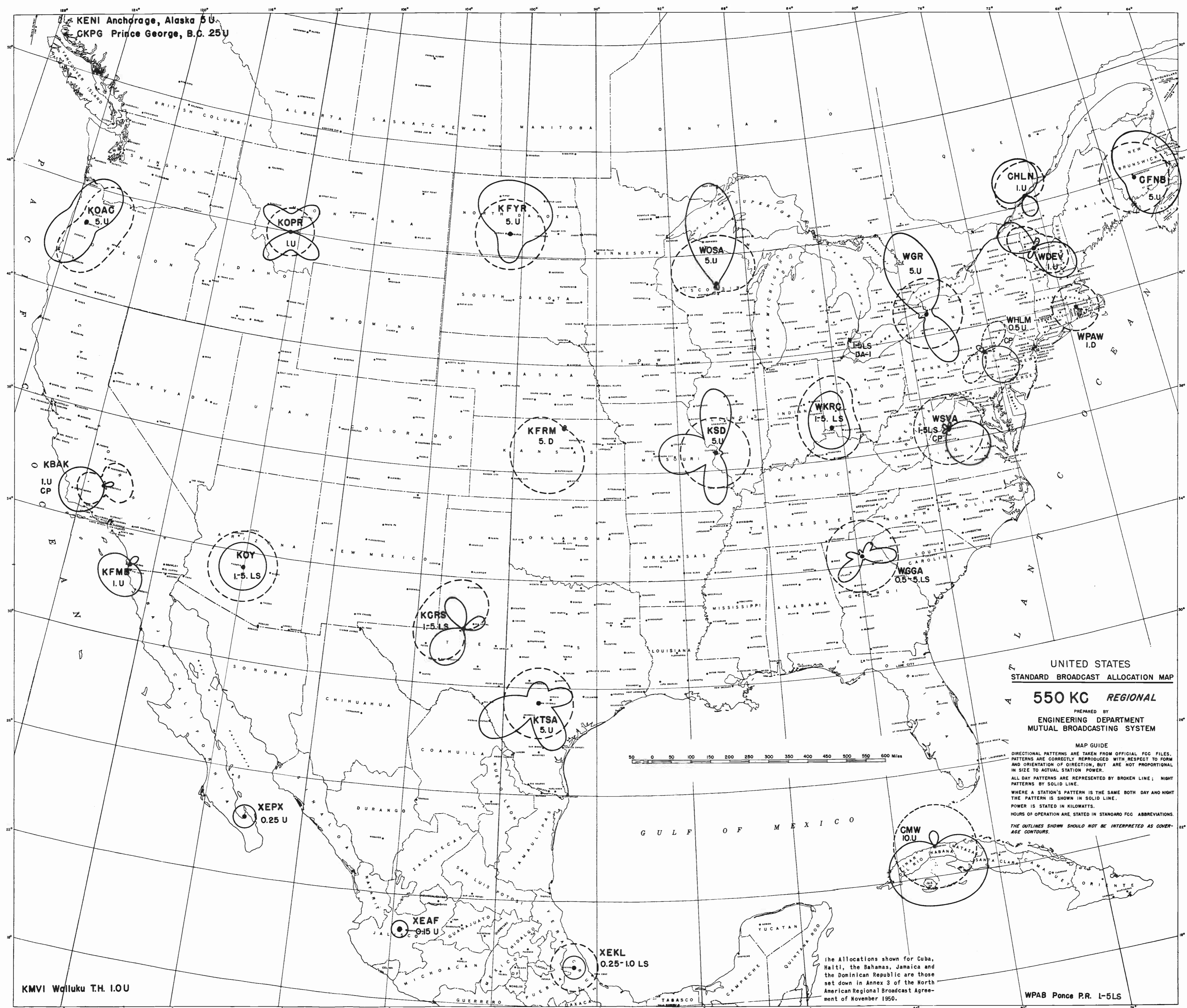
**540 KC CLEAR-CANADA**

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE

DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
ALL DAY PATTERNS ARE REPRESENTED BY BROKEN LINE; NIGHT PATTERNS BY SOLID LINE.  
WHERE A STATION'S PATTERN IS THE SAME BOTH DAY AND NIGHT THE PATTERN IS SHOWN IN SOLID LINE.  
POWER IS STATED IN KILOWATTS.  
HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**550 KC REGIONAL**

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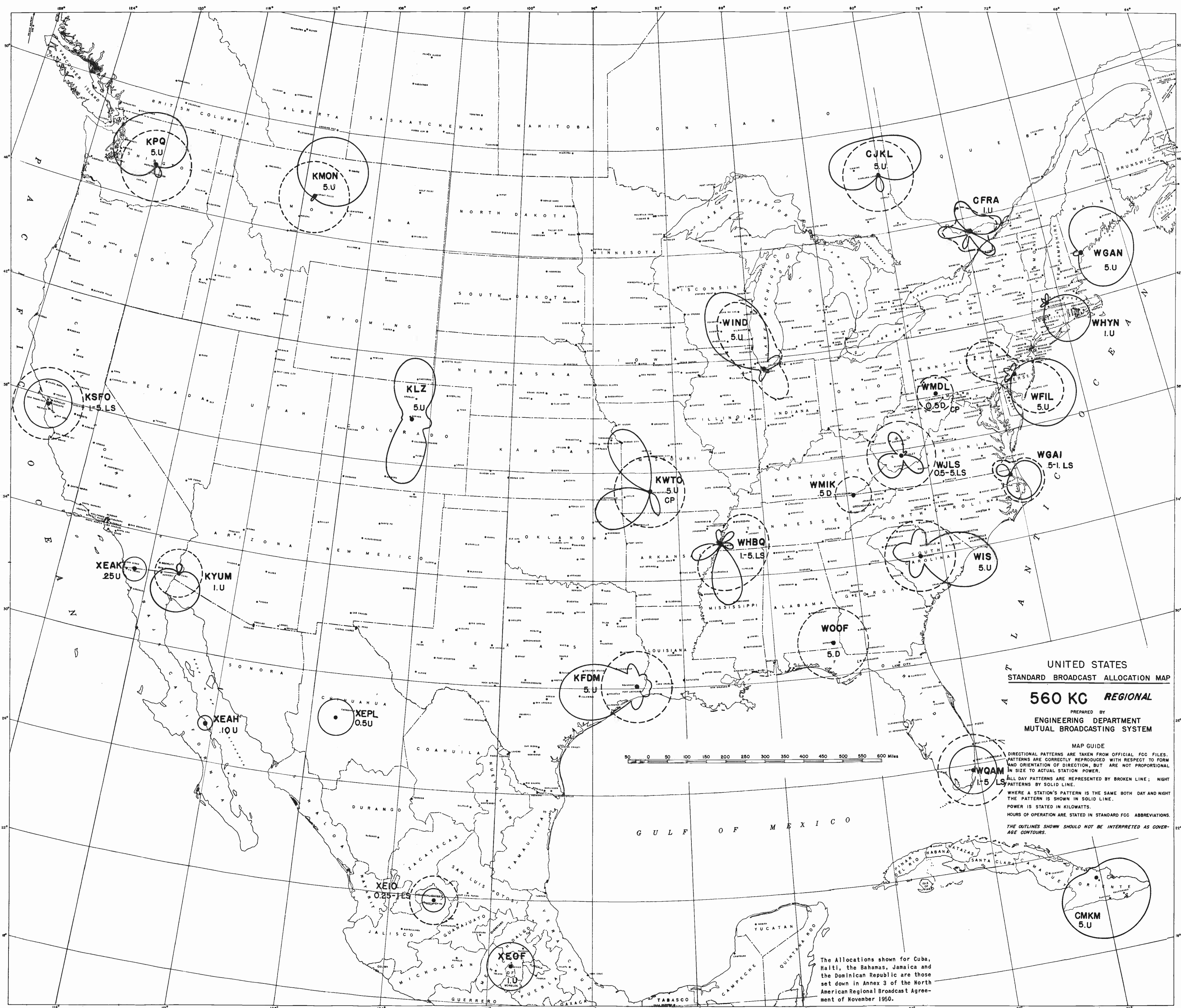
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WPAB Ponce P.R. 1-5LS

KMVI Wailuku T.H. 1.0U



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**560 KC REGIONAL**

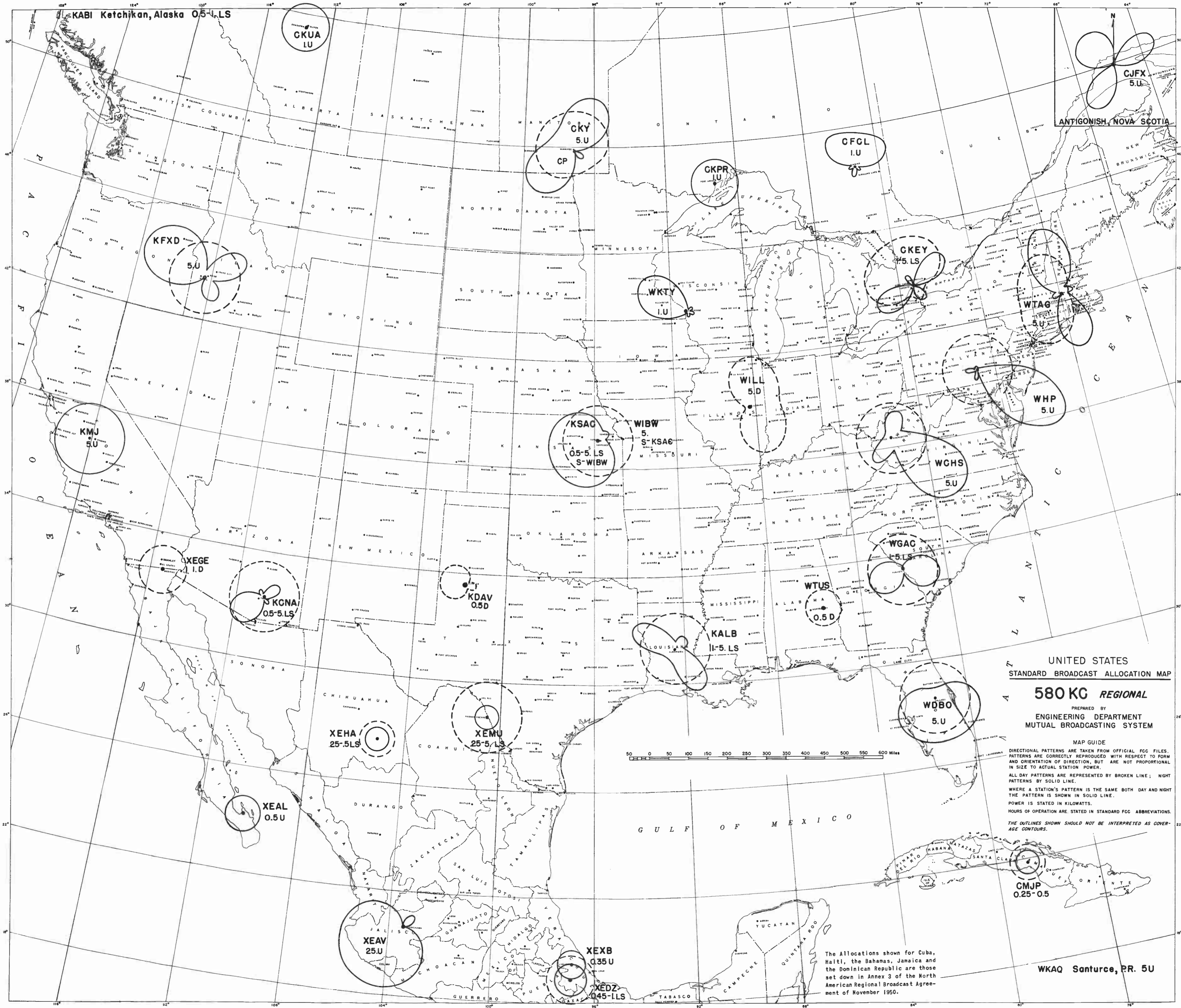
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**580 KC REGIONAL**

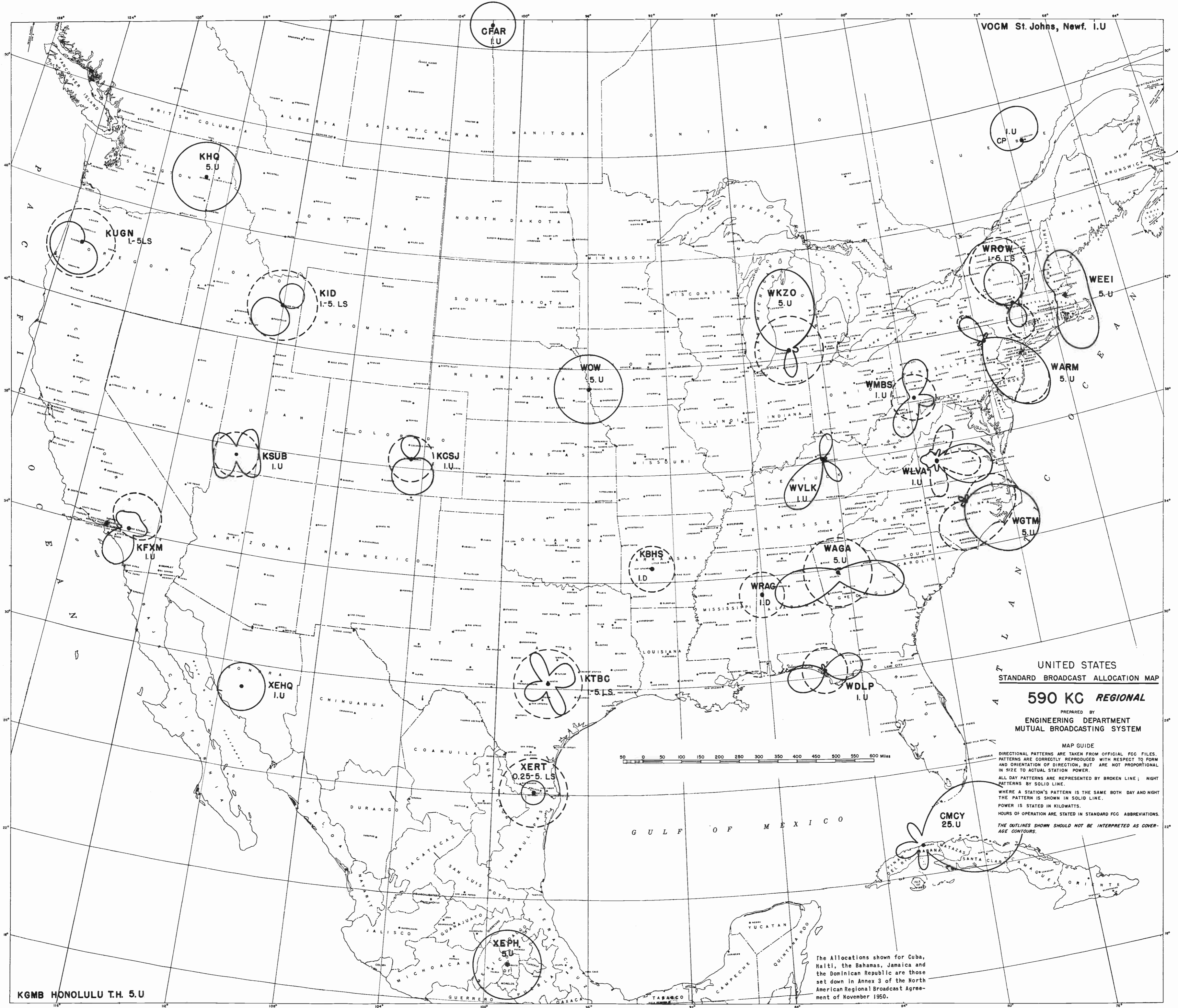
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WKAQ Santurce, P.R. 5U



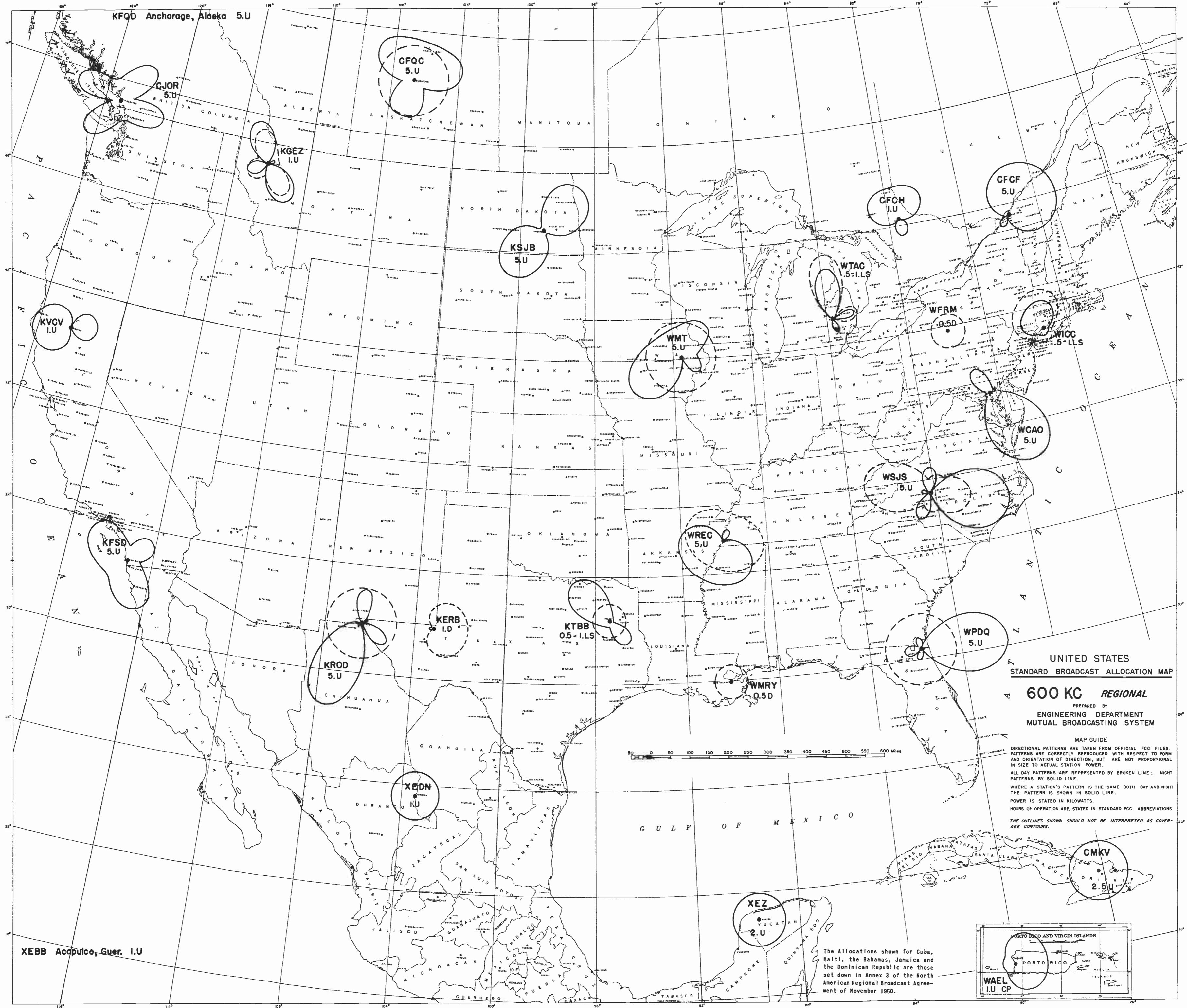
UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
**590 KC REGIONAL**  
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 AGE CONTOURS.

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KGMB HONOLULU T.H. 5.U

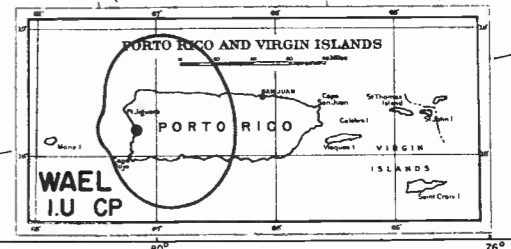




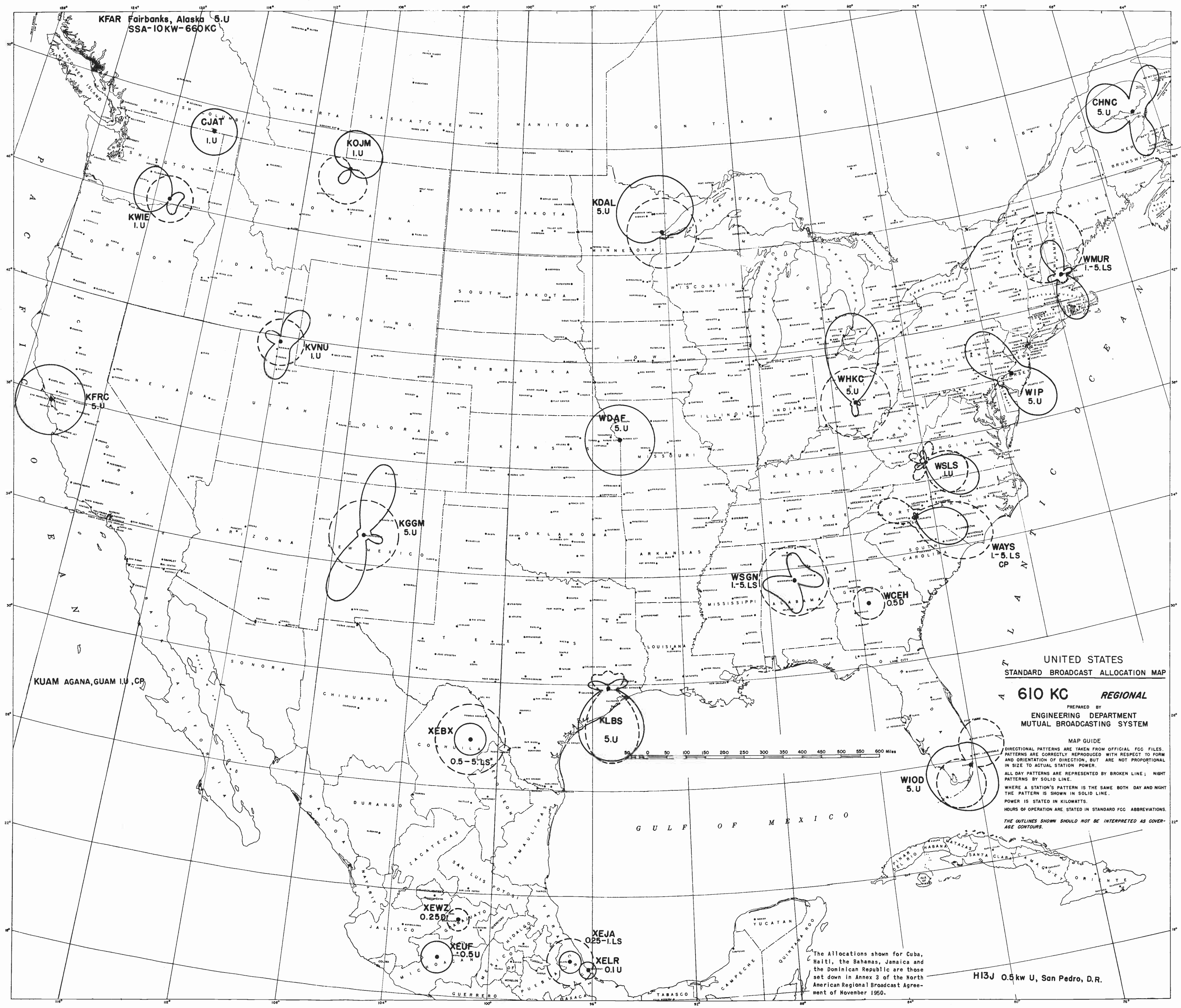
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**600 KC REGIONAL**  
PREPARED BY  
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MUTUAL BROADCASTING SYSTEM

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KFAR Fairbanks, Alaska 5.U  
SSA-10KW-660KC

CJAT  
1.U

KOJM  
1.U

KDAL  
5.U

CHNC  
5.U

WMUR  
1-5.LS

KWIE  
1.U

KVNU  
1.U

WHKC  
5.U

WIP  
5.U

KFRC  
5.U

WDAE  
5.U

WSLS  
1.U

KGGM  
5.U

WSGN  
1-5.LS

WAYS  
1-5.LS  
CP

KUAM AGANA, GUAM 1.U, CP

XEBX  
0.5-5.LS

KLBS  
5.U

WIOD  
5.U

XEWZ  
0.25U

XEJA  
0.25-1.LS

XEUF  
0.5U

XELR  
0.1U

UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

610 KC REGIONAL

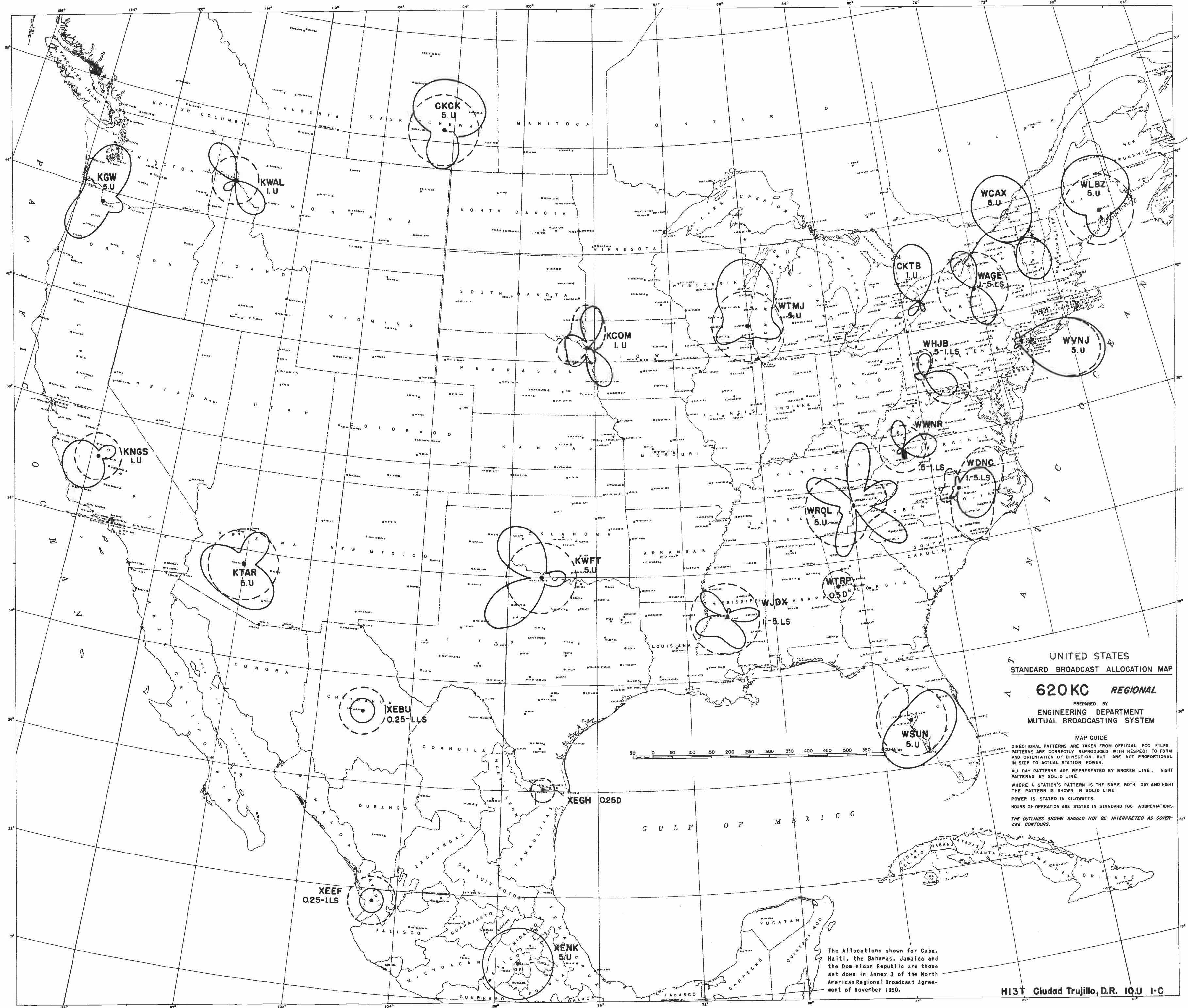
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H13J 0.5 kw U, San Pedro, D.R.



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**620 KC REGIONAL**

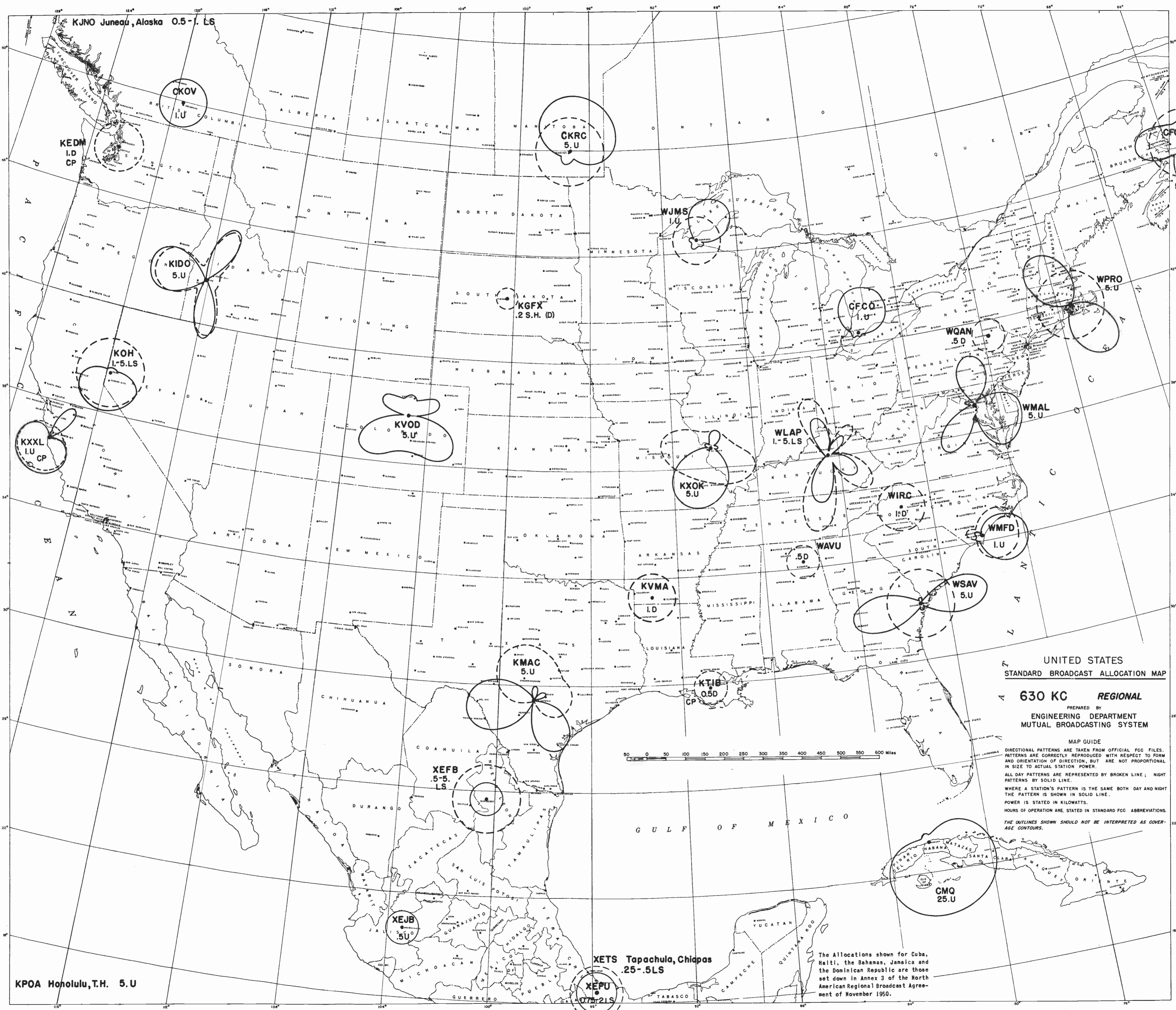
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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H13T Ciudad Trujillo, D.R. 1QJ 1-C

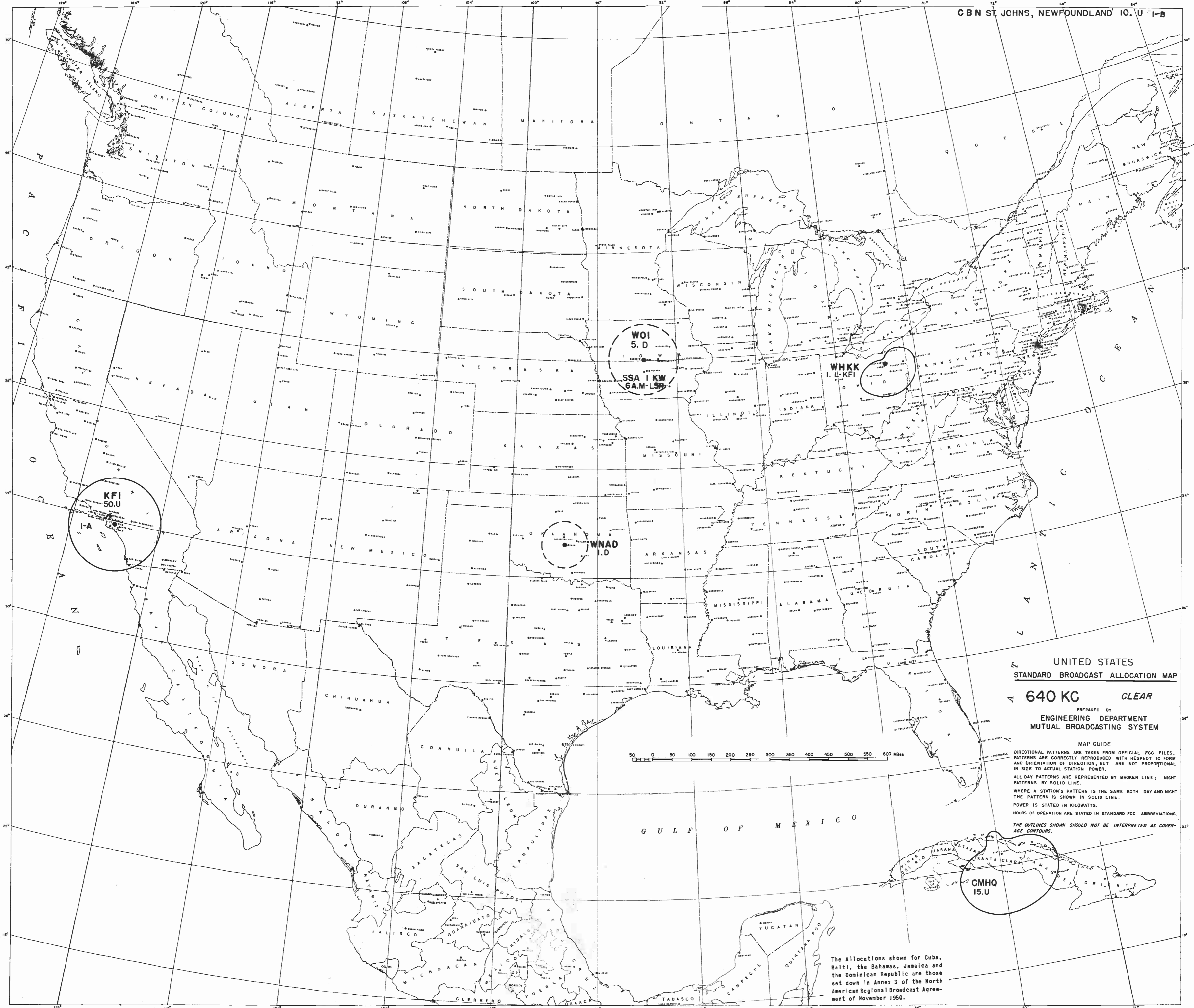


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 630 KC REGIONAL  
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

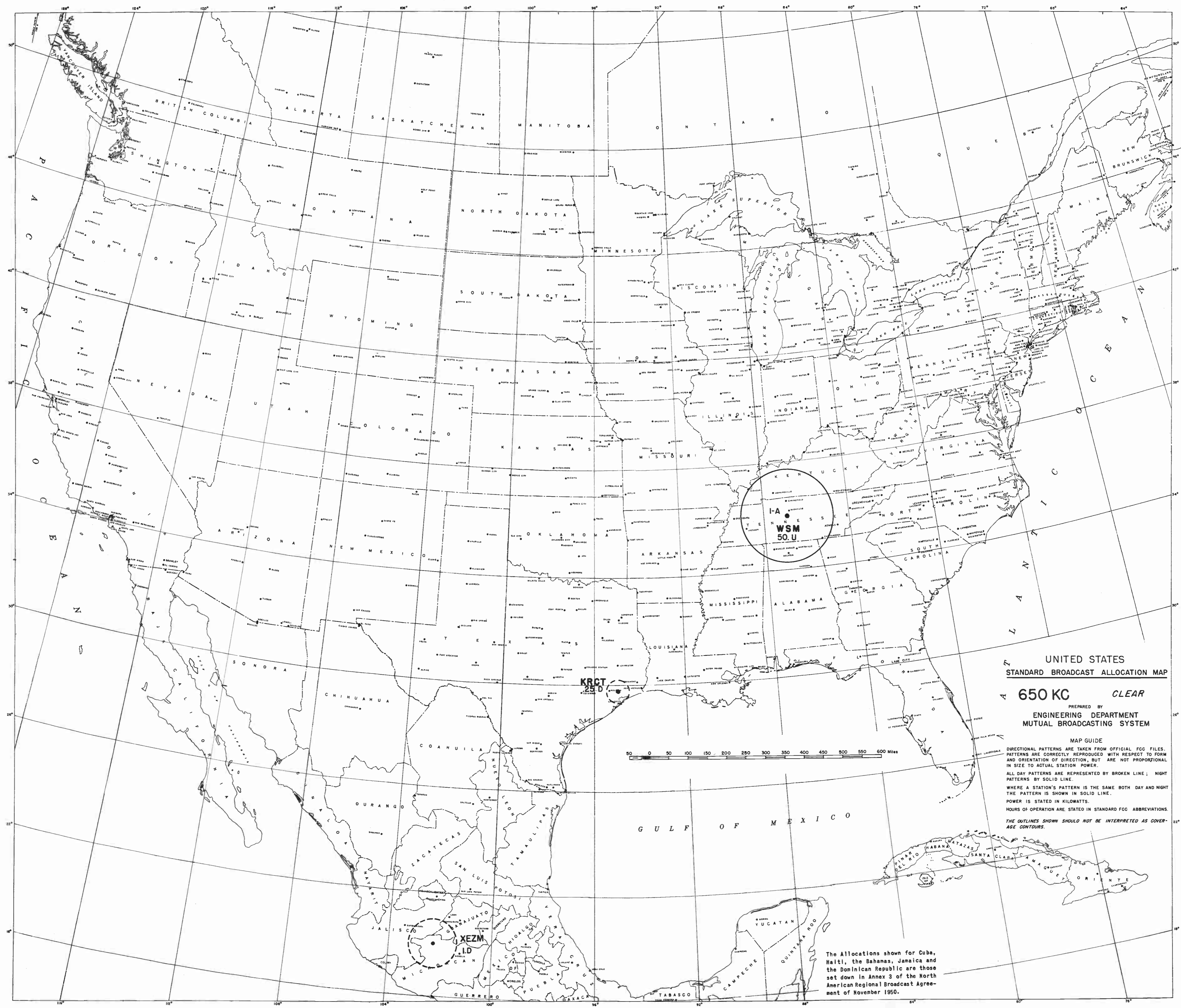
A 640 KC CLEAR

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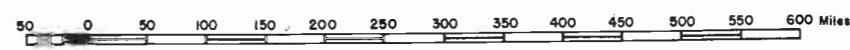
**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**650 KC CLEAR**

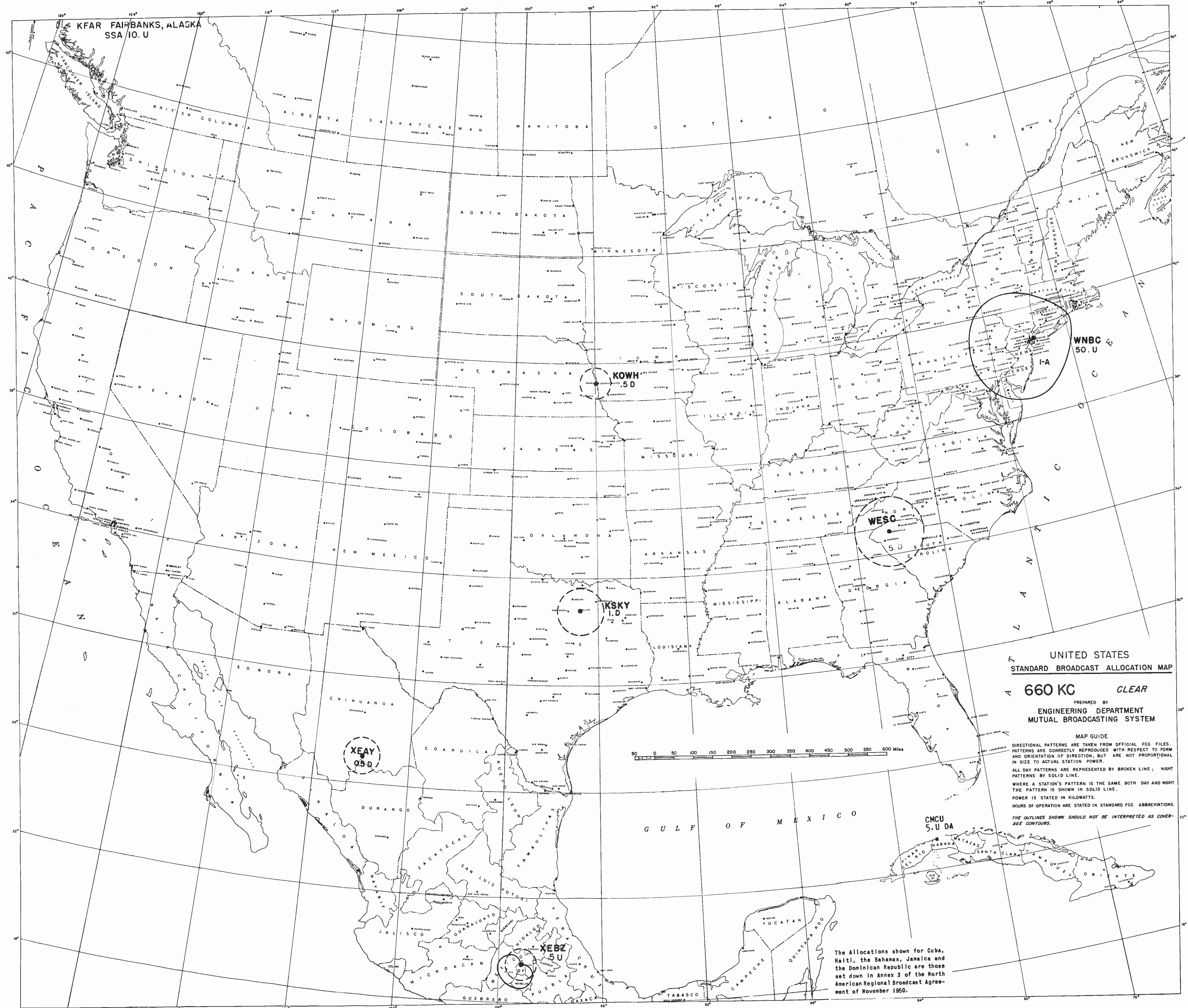
PREPARED BY  
**ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM**

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KFAR FAIRBANKS, ALASKA  
SSA 10. U

WNBC  
50. U

KOWH  
5. D

WESC  
5. D

KSKY  
1. D

XEAY  
03. D

XEBZ  
5. U

CMCU  
5. U DA

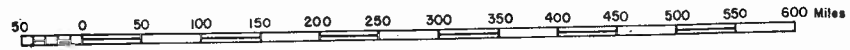
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

660 KC CLEAR

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 670 KC CLEAR

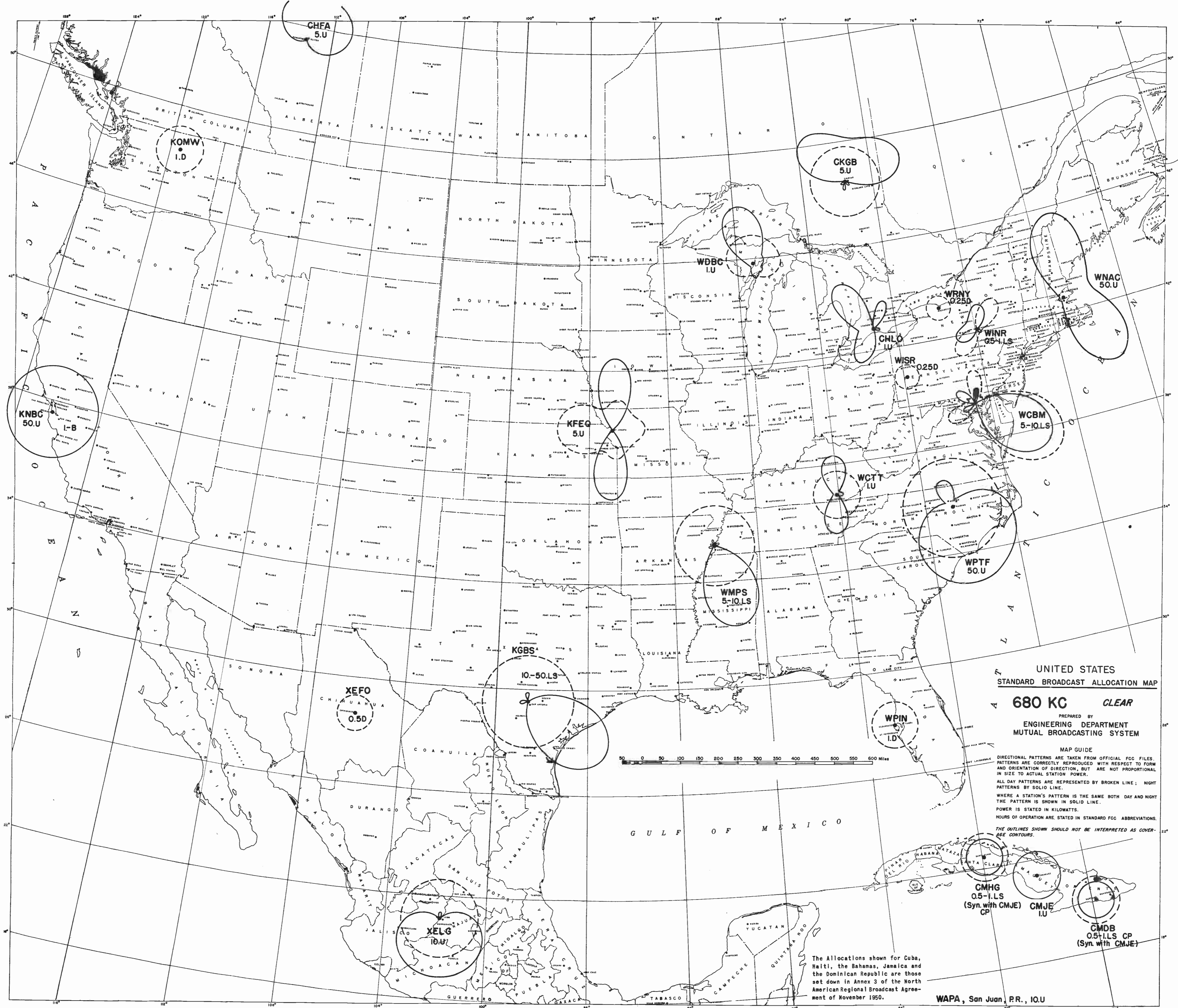
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

680 KC CLEAR

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ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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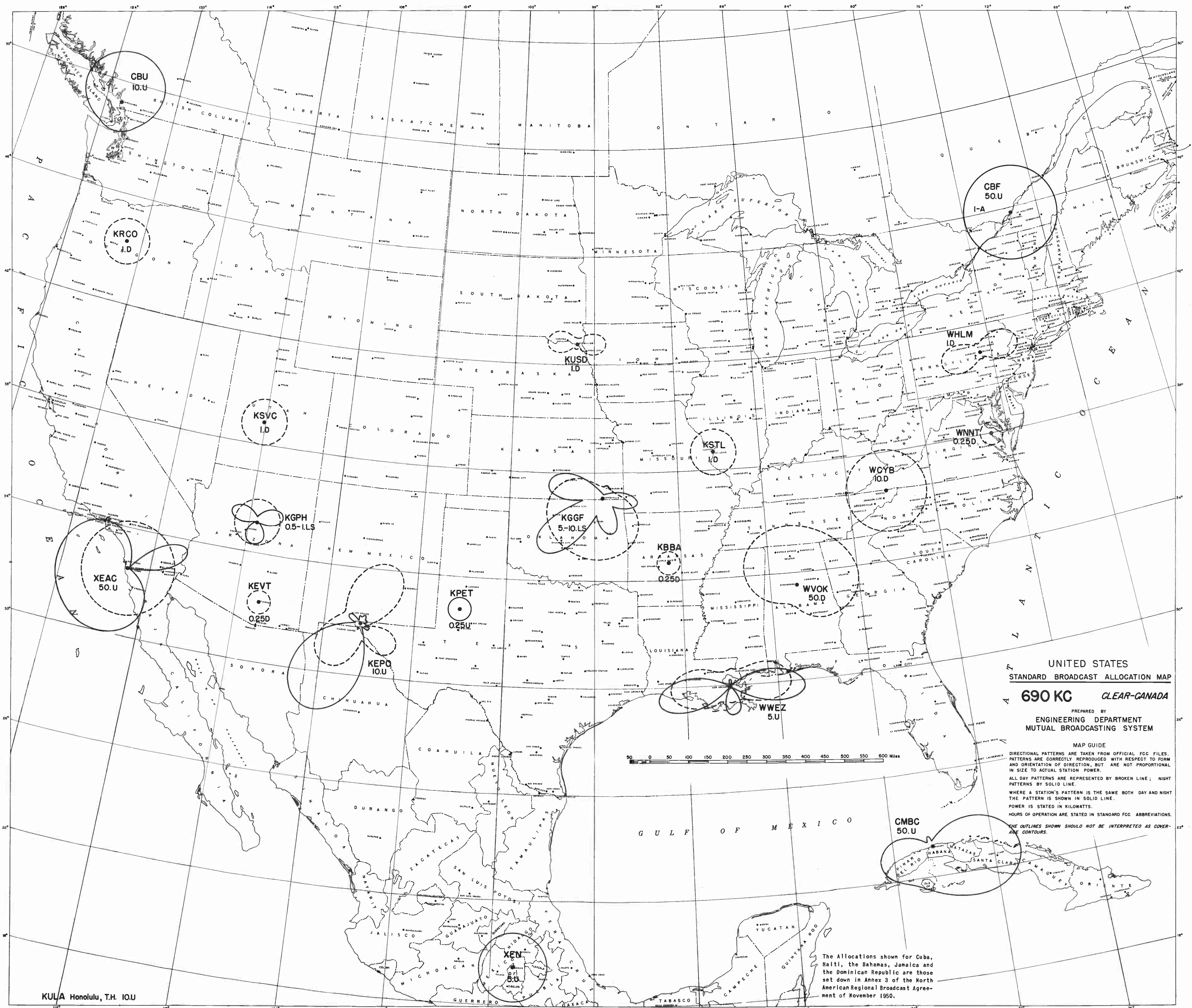
CMHG  
0.5-1.LS  
(Syn with CMJE)  
CP

CMJE  
I.U.

CMDB  
0.5-1.LS CP  
(Syn with CMJE)

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WAPA, San Juan, P.R., 10.U



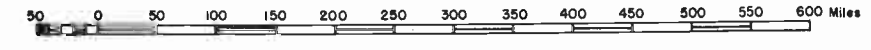
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

690 KC CLEAR-CANADA

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KULA Honolulu, T.H. 10.U

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VOWR ST. JOHN'S NEWF.-.5 DA-N



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

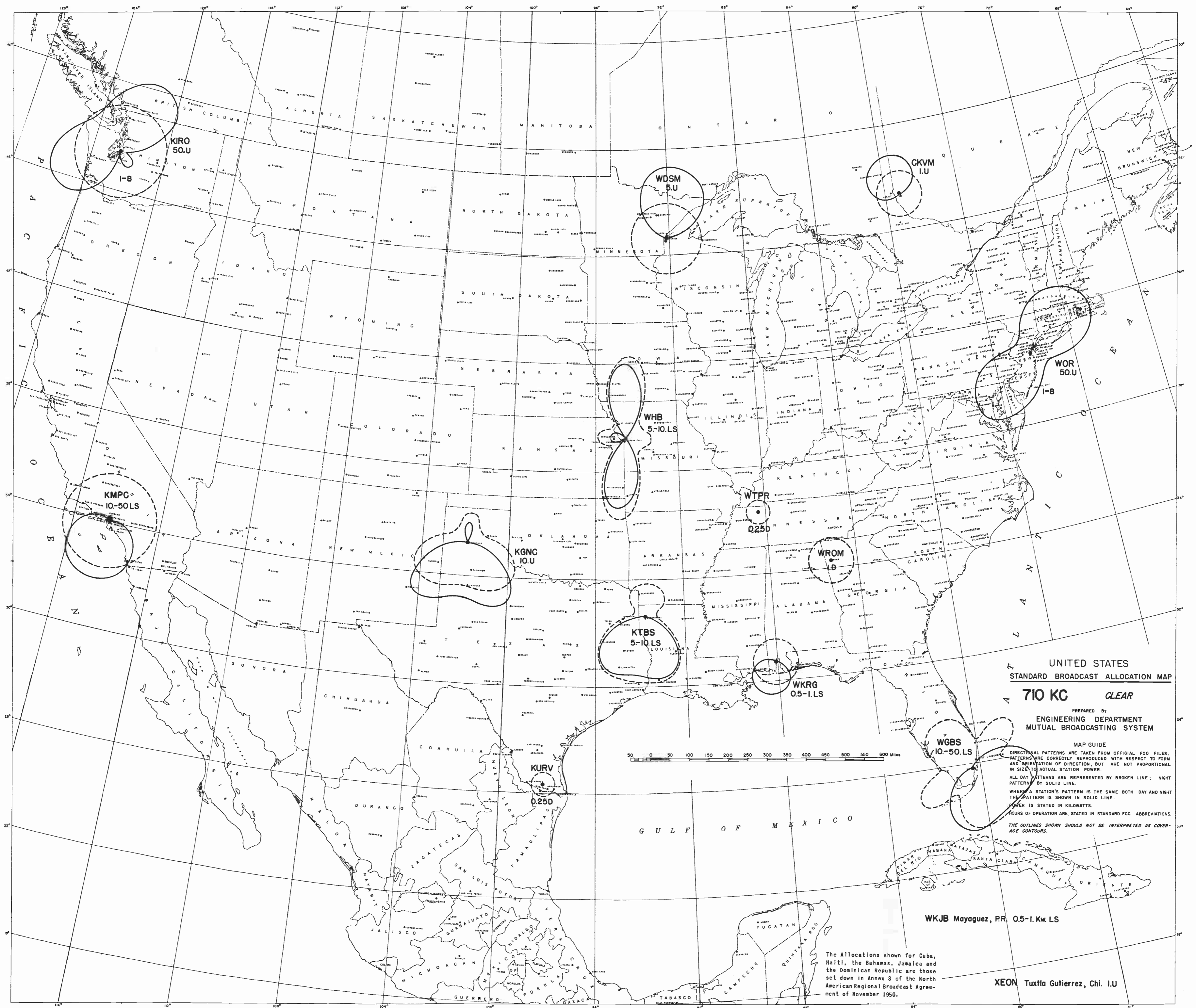
700 KC CLEAR

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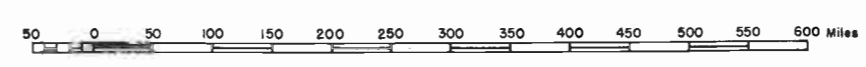
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

710 KC CLEAR

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WKJB Mayaguez, P.R. 0.5-1 Kw. LS

XEON Tuxtla Gutierrez, Chi. I.U.

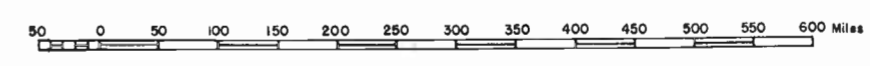
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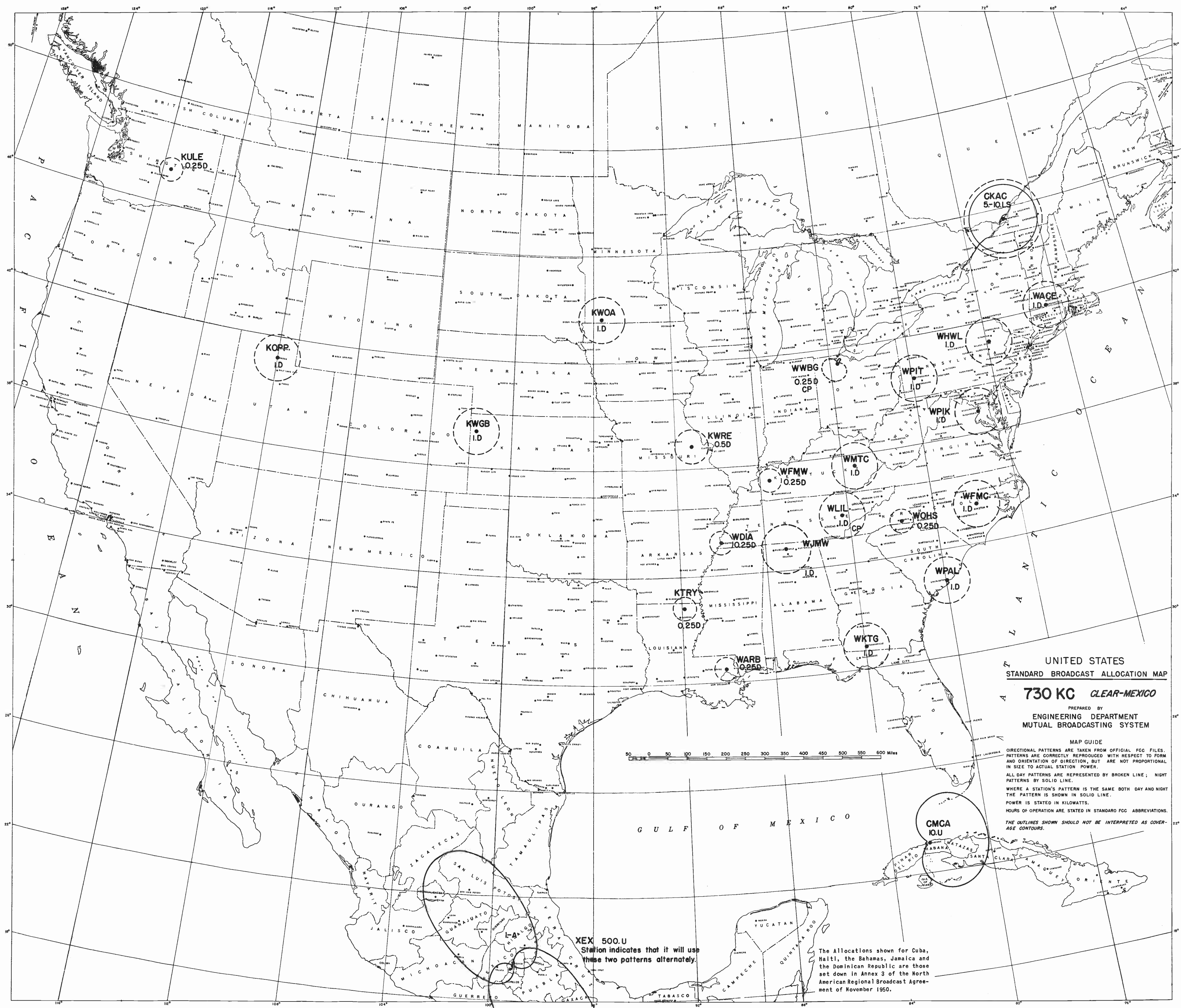
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 720 KC CLEAR  
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MUTUAL BROADCASTING SYSTEM

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**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**730 KC CLEAR-MEXICO**

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

**MAP GUIDE**

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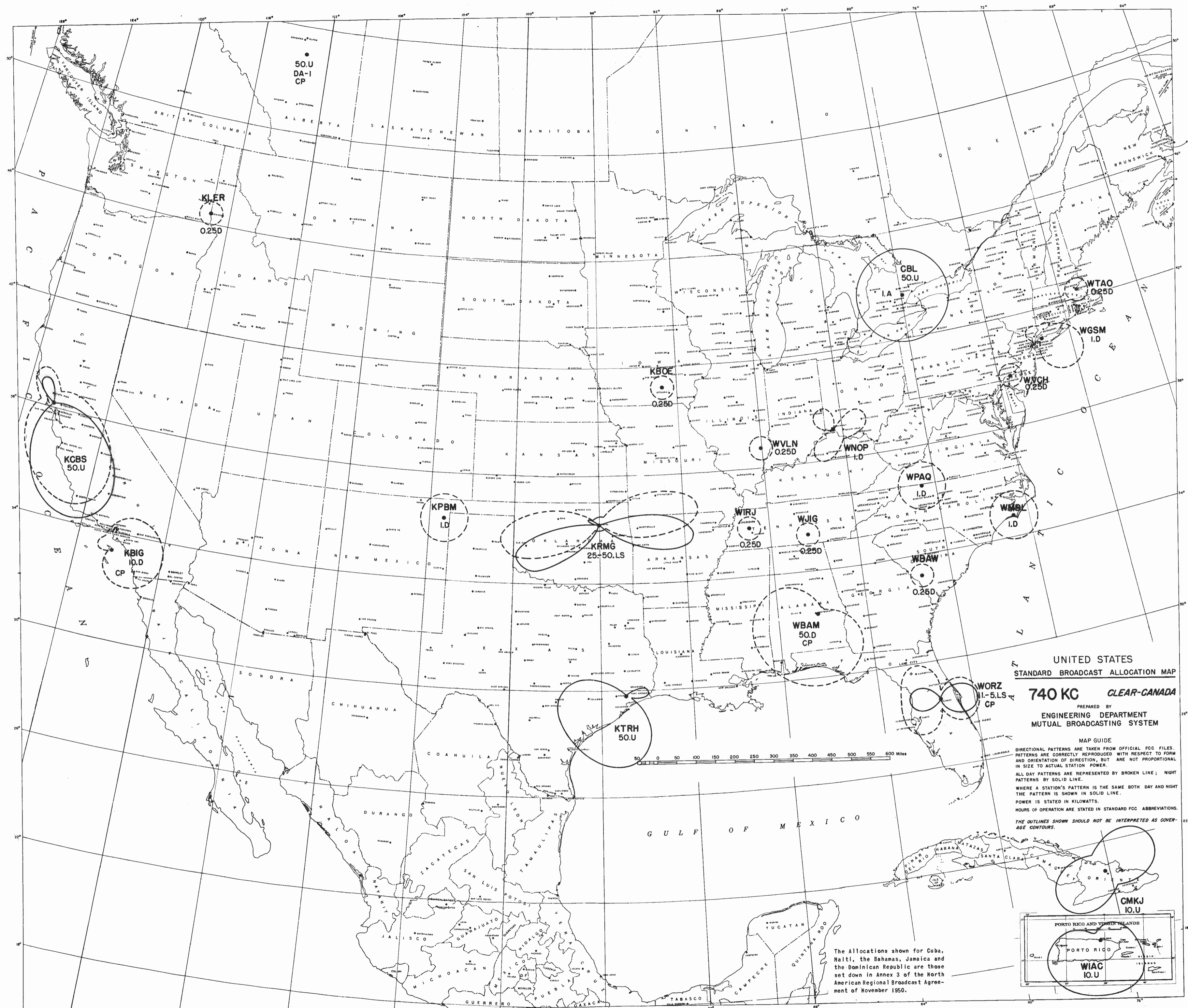
POWER IS STATED IN KILOWATTS.

HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.

THE OUTLINES SHOWN SHOULD NOT BE INTERPRETED AS COVERAGE CONTOURS.

**XEX 500.U**  
Station indicates that it will use these two patterns alternately.

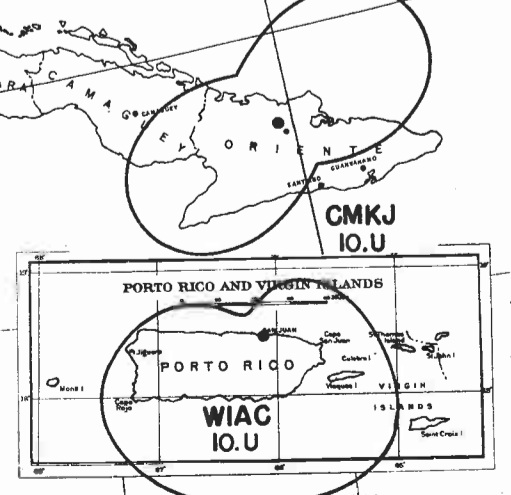
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

740 KC CLEAR-CANADA  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
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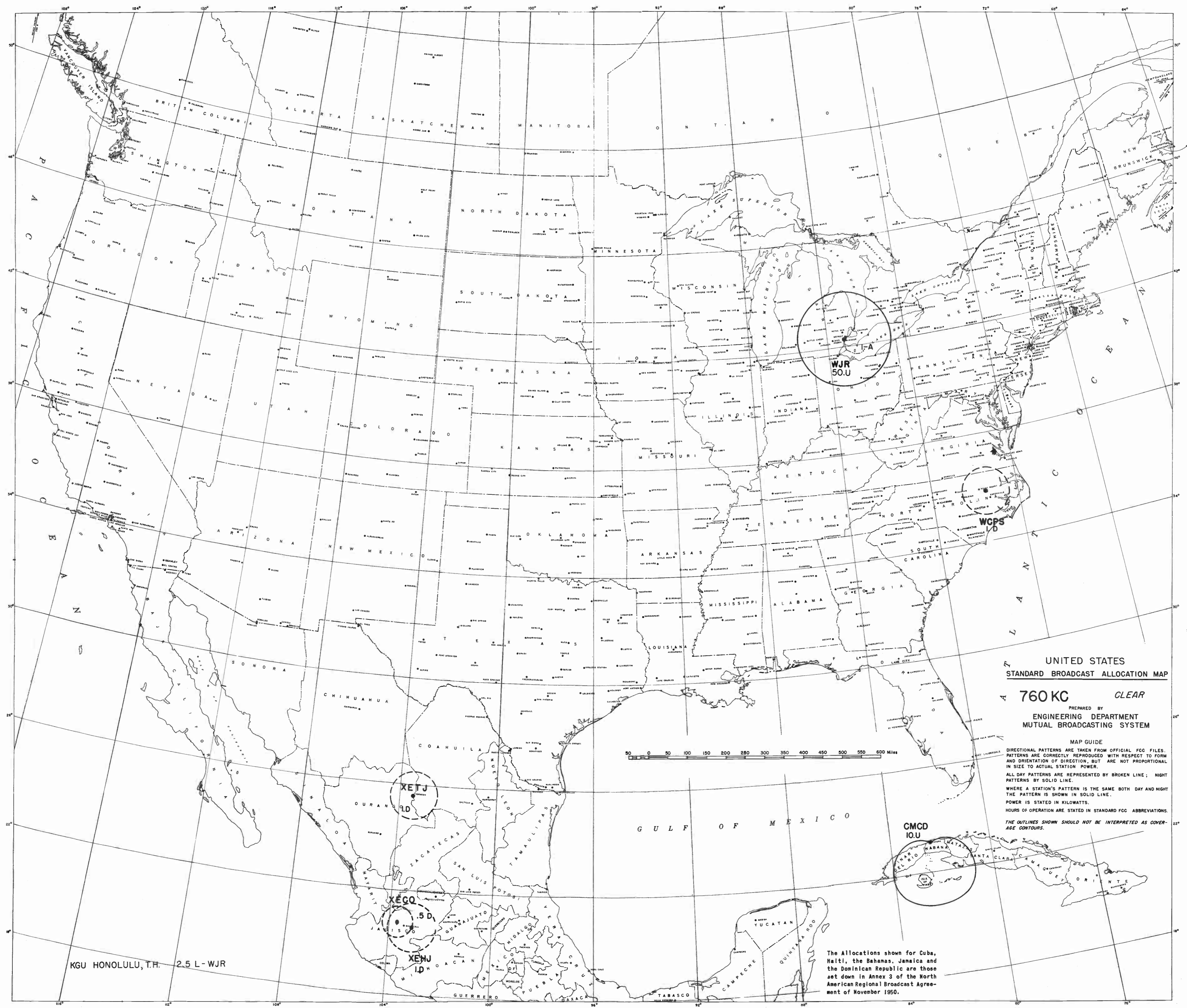
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

750 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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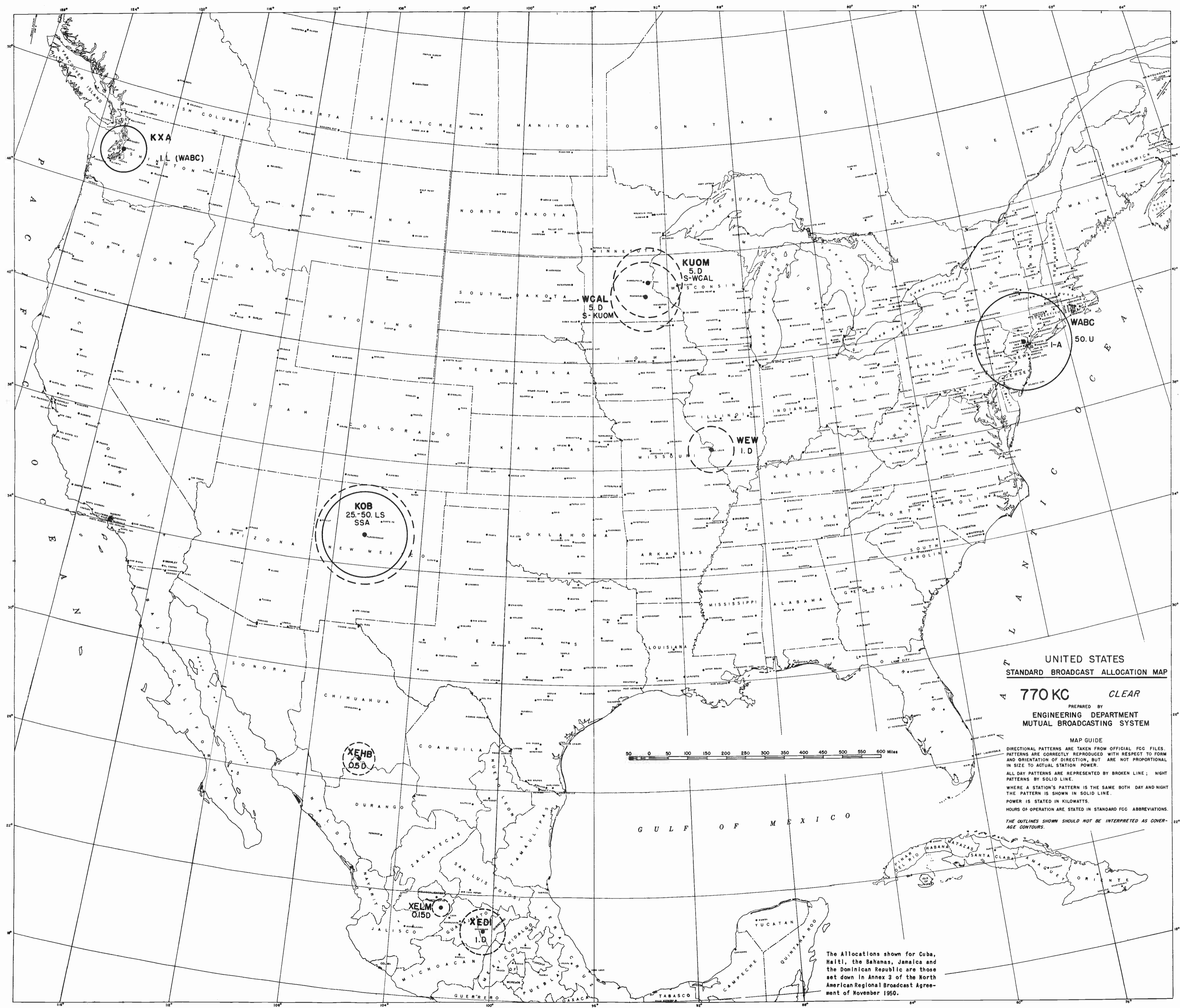
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

760 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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KGU HONOLULU, T.H. 2.5 L - WJR

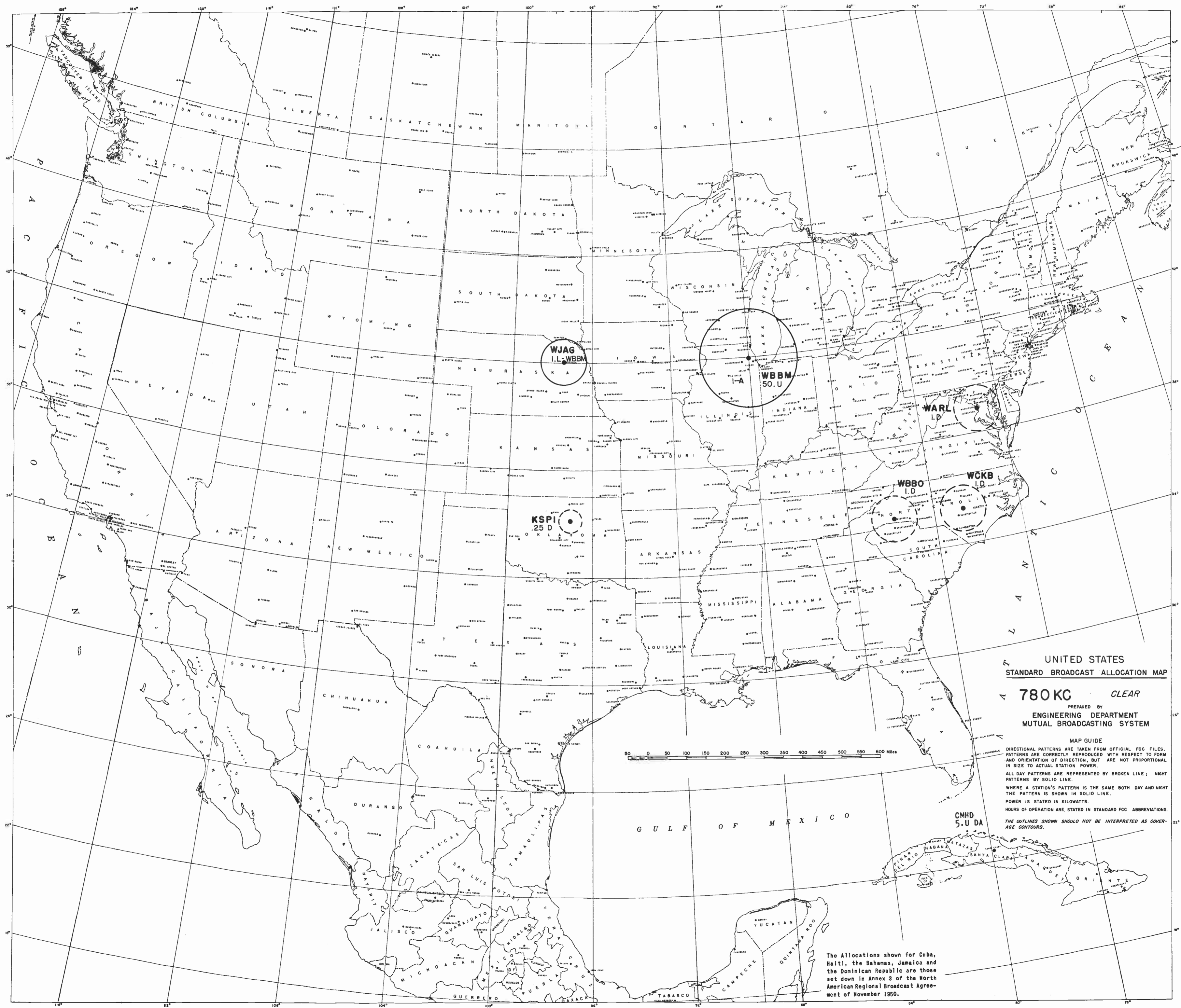


**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**770 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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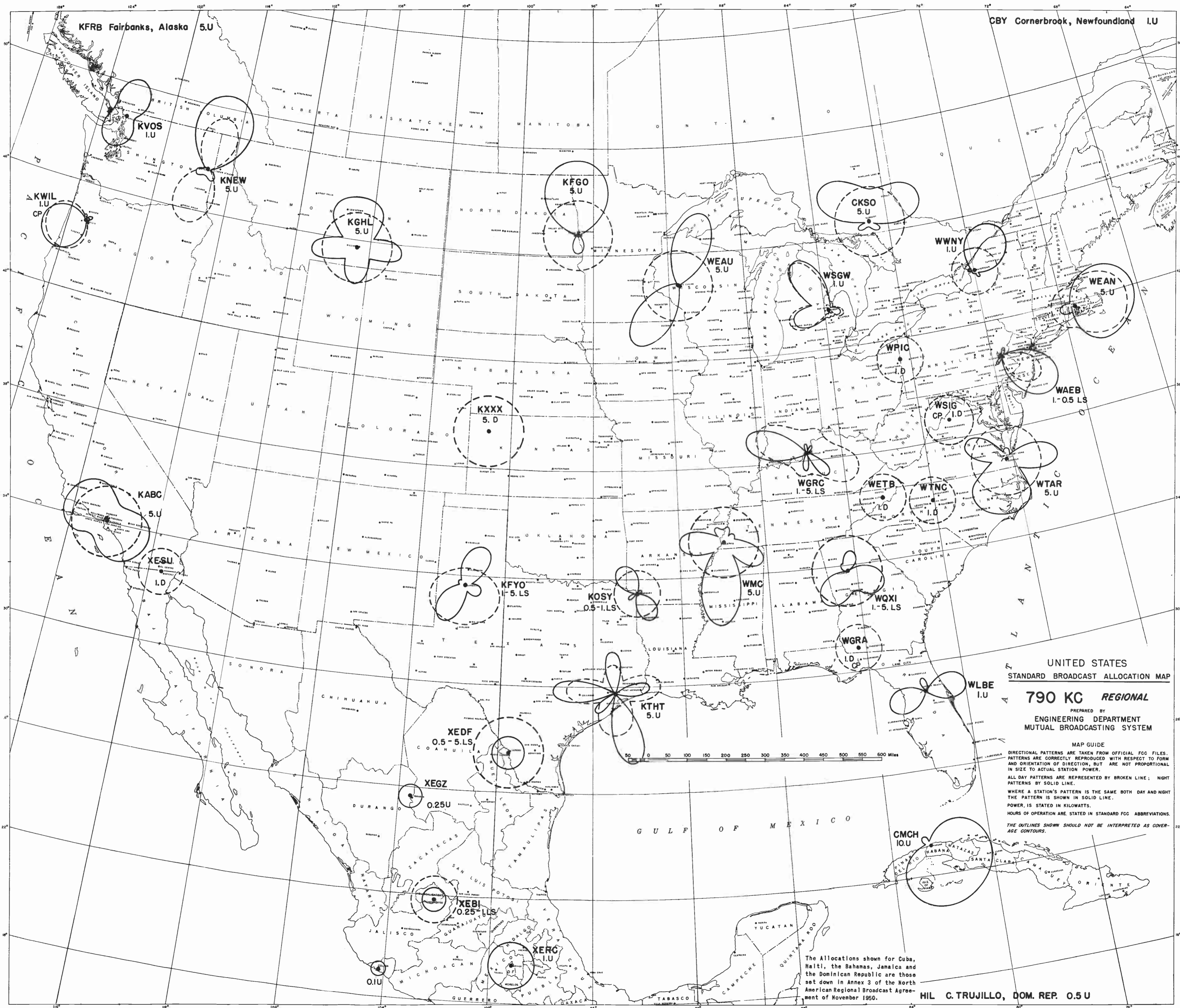
**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**780 KC CLEAR**  
 PREPARED BY  
**ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM**

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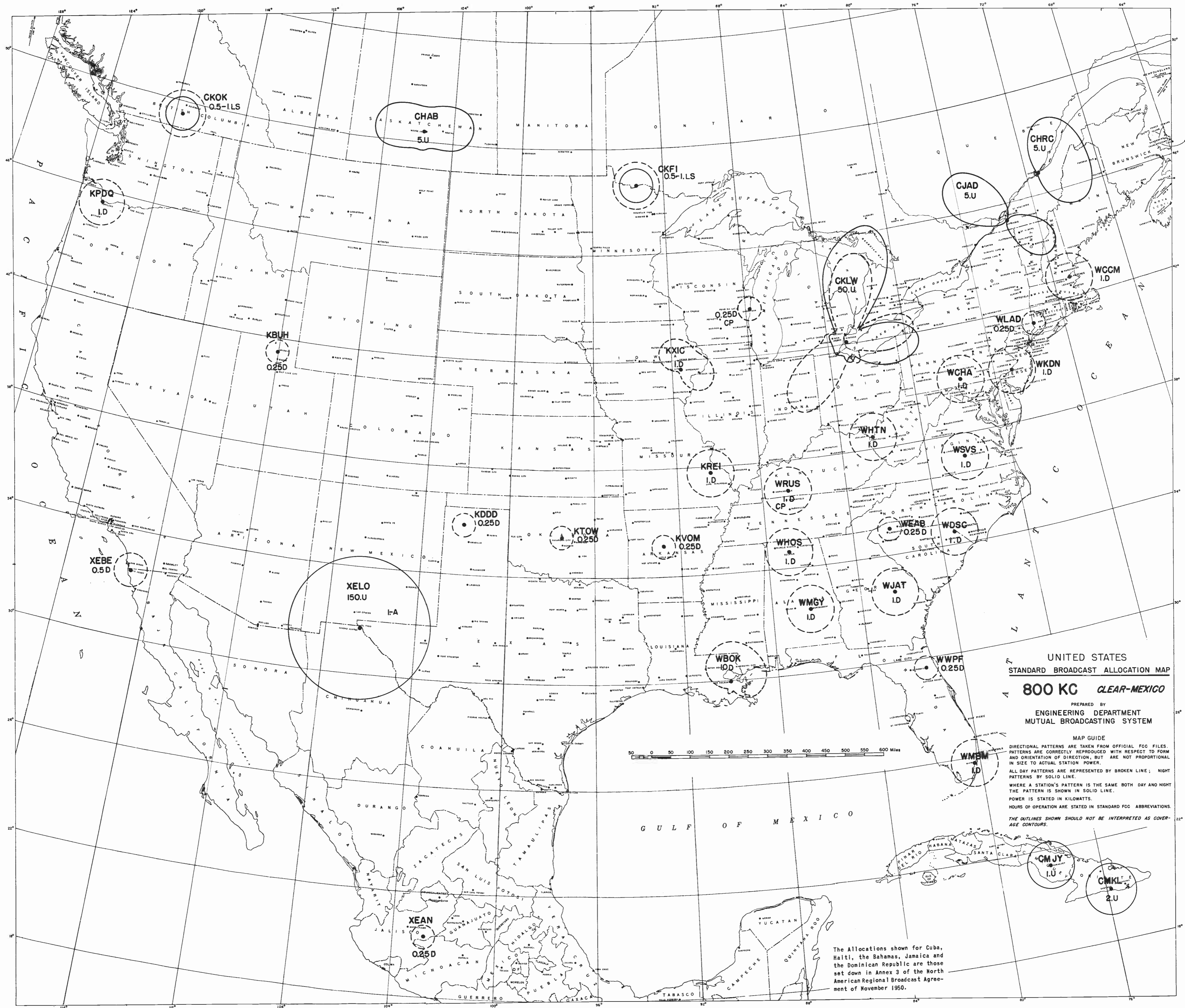
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**790 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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HIL C. TRUJILLO, DOM. REP. 0.5 U



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

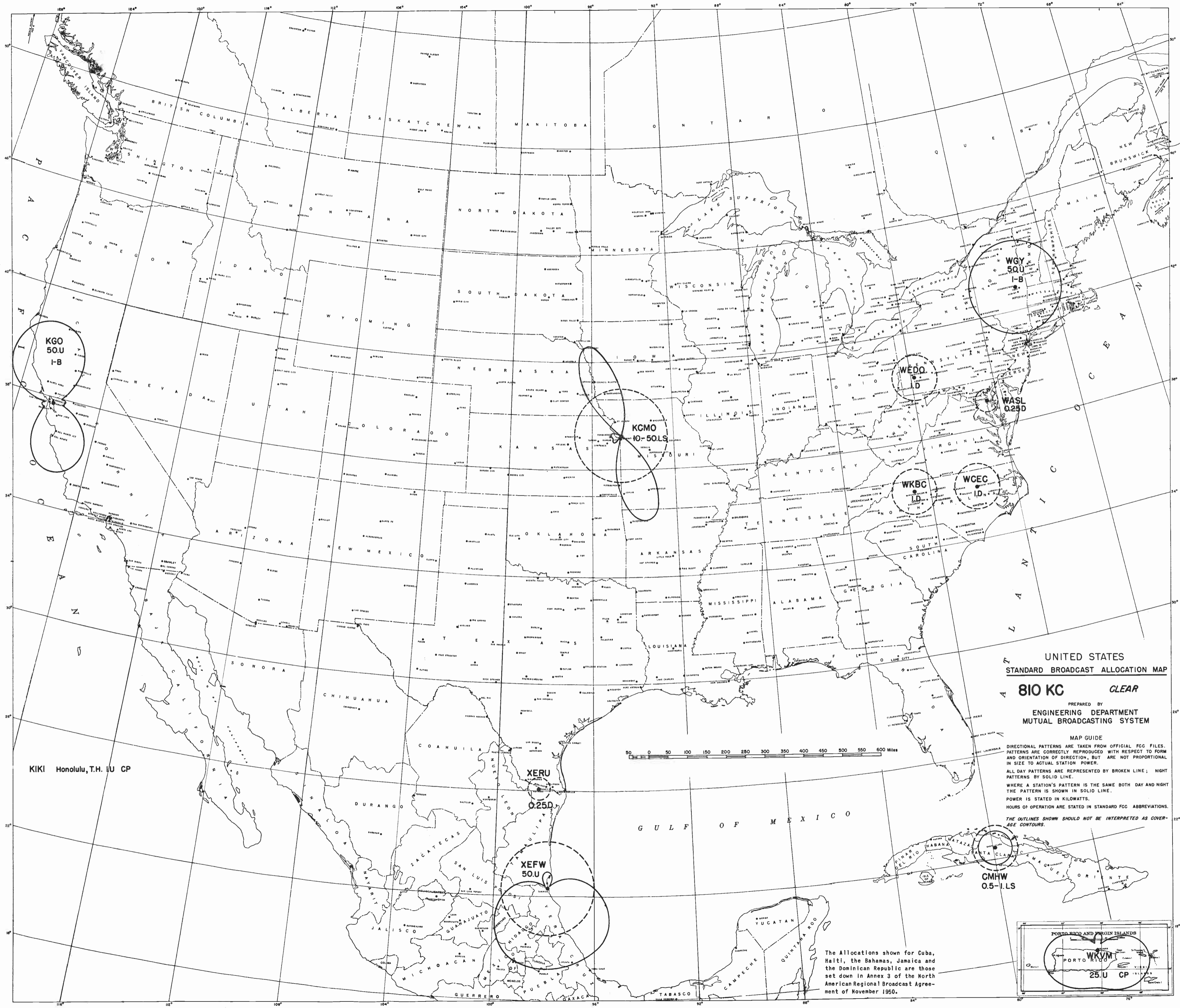
800 KC CLEAR-MEXICO

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE

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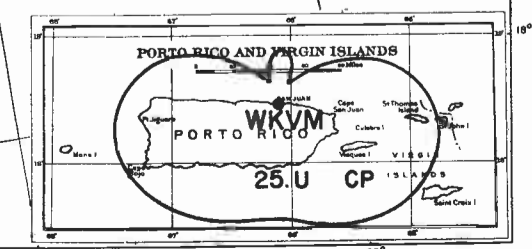
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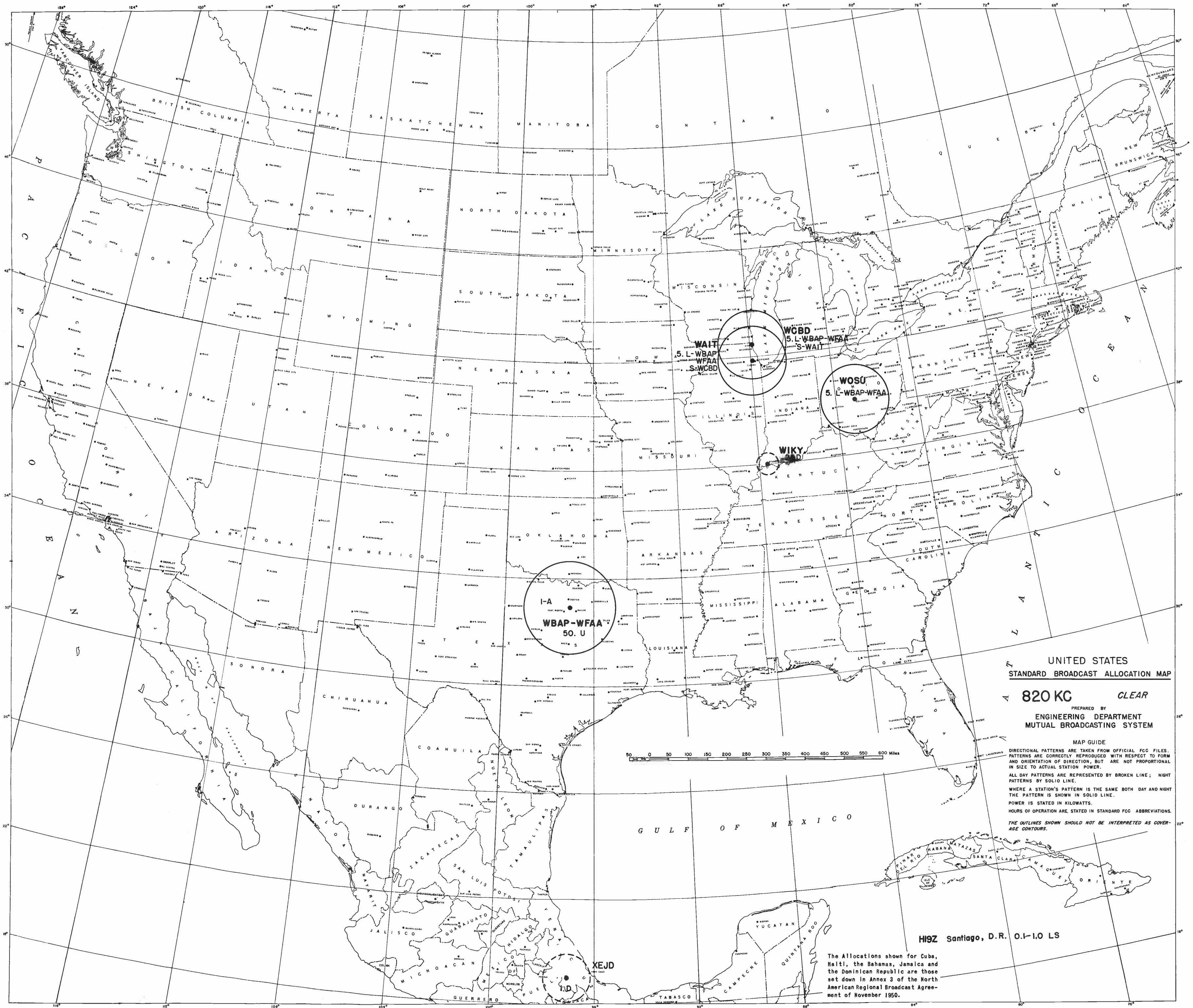
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**810 KC** CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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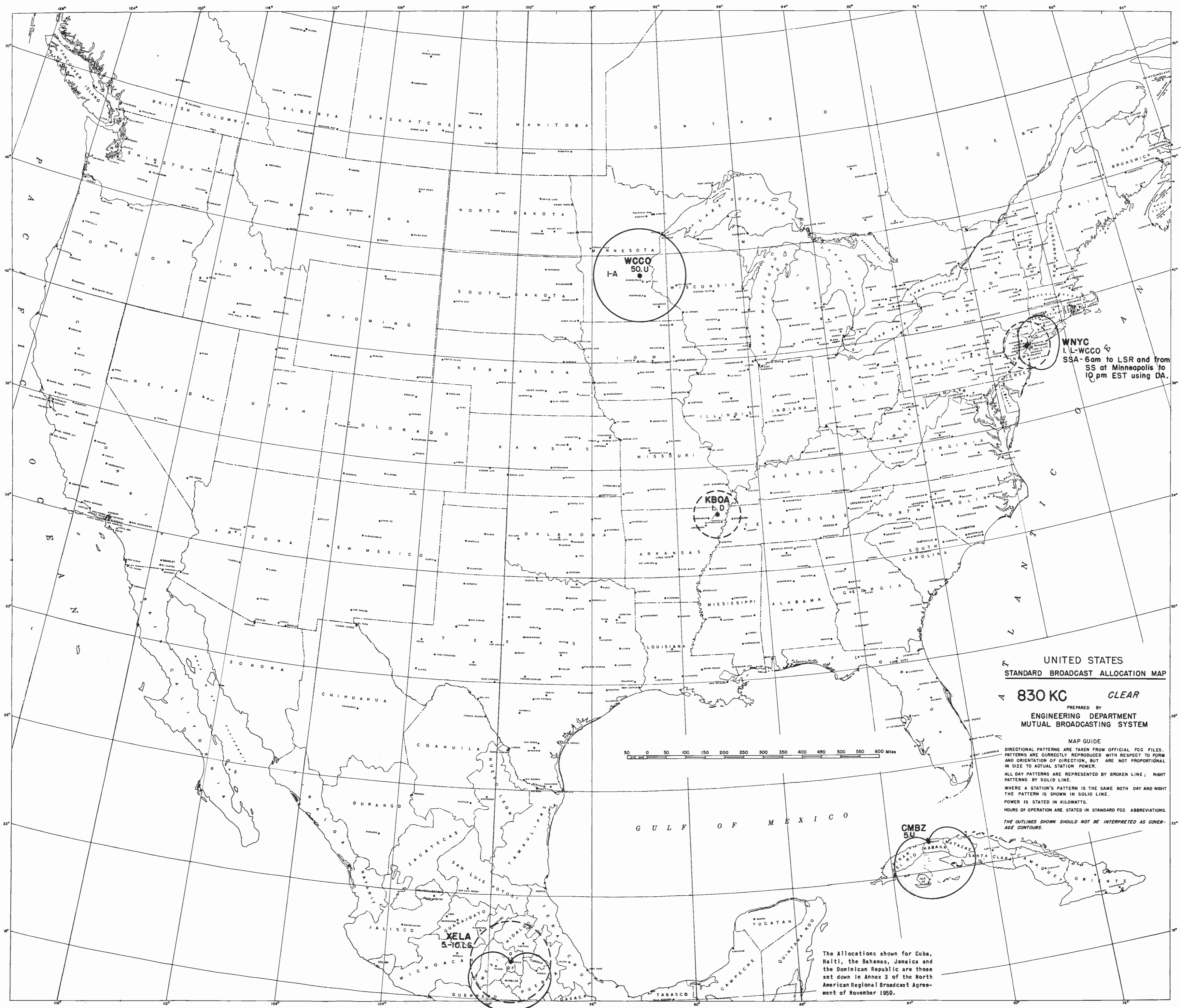
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

820 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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H9Z Santiago, D.R. 0.1-1.0 LS

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WNYC  
I.L.-WCCO  
SSA-6am to LSR and from  
SS at Minneapolis to  
10 pm EST using DA.

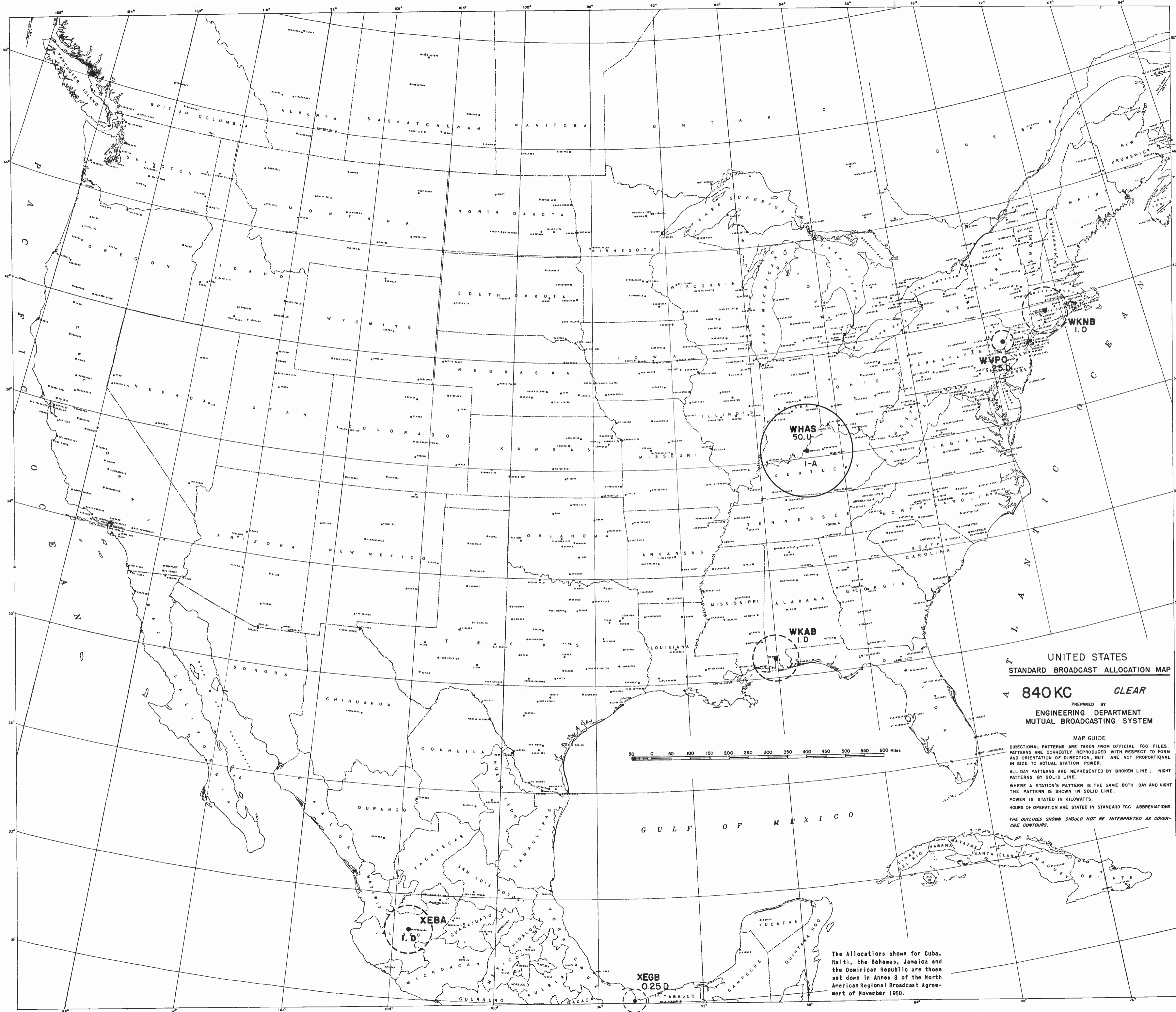
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**830 KC** CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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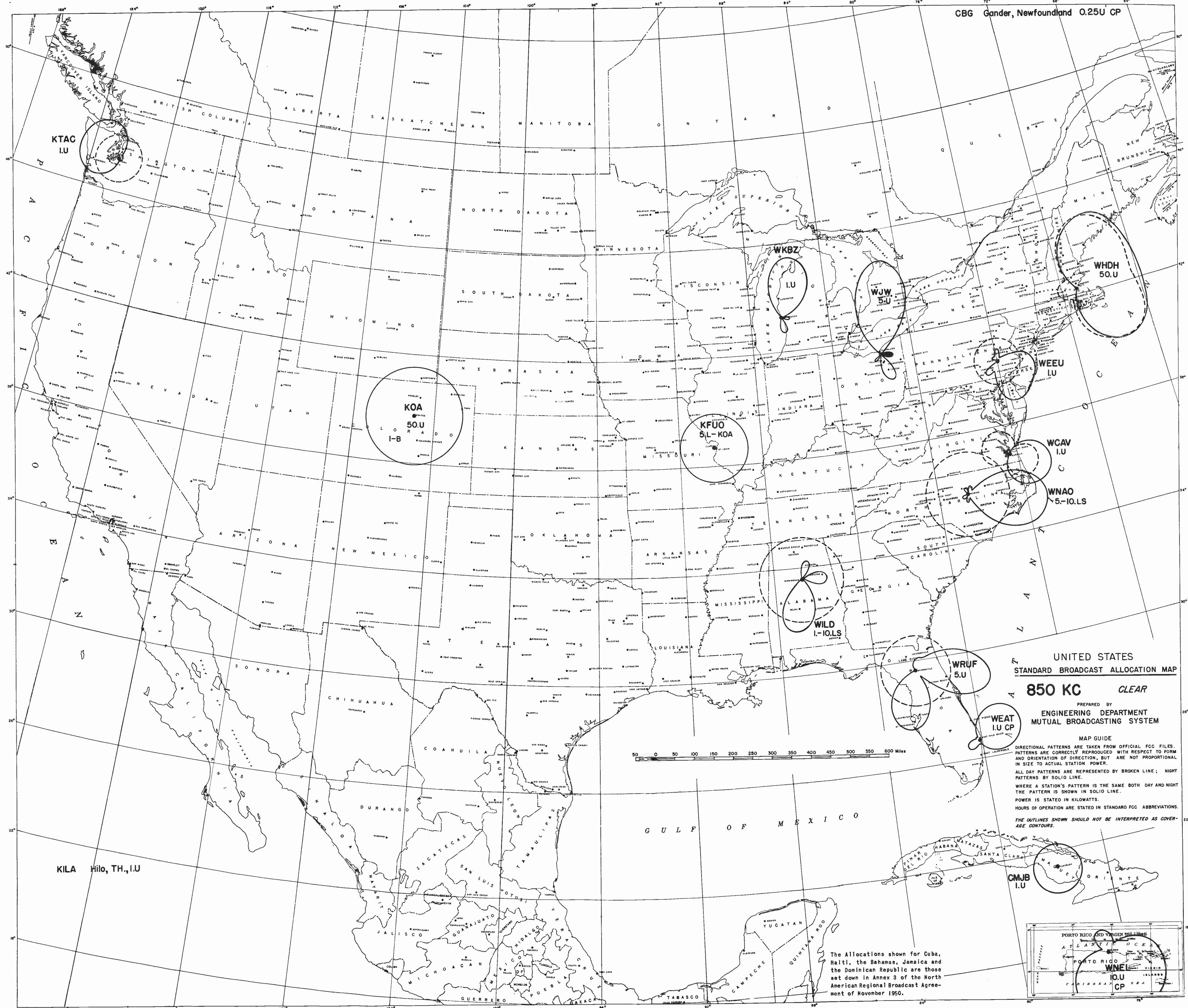


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

840 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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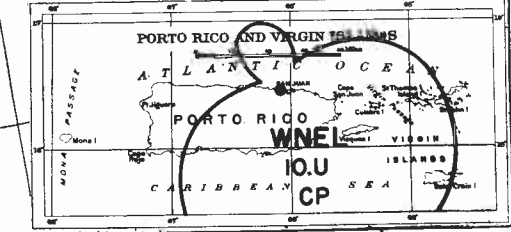
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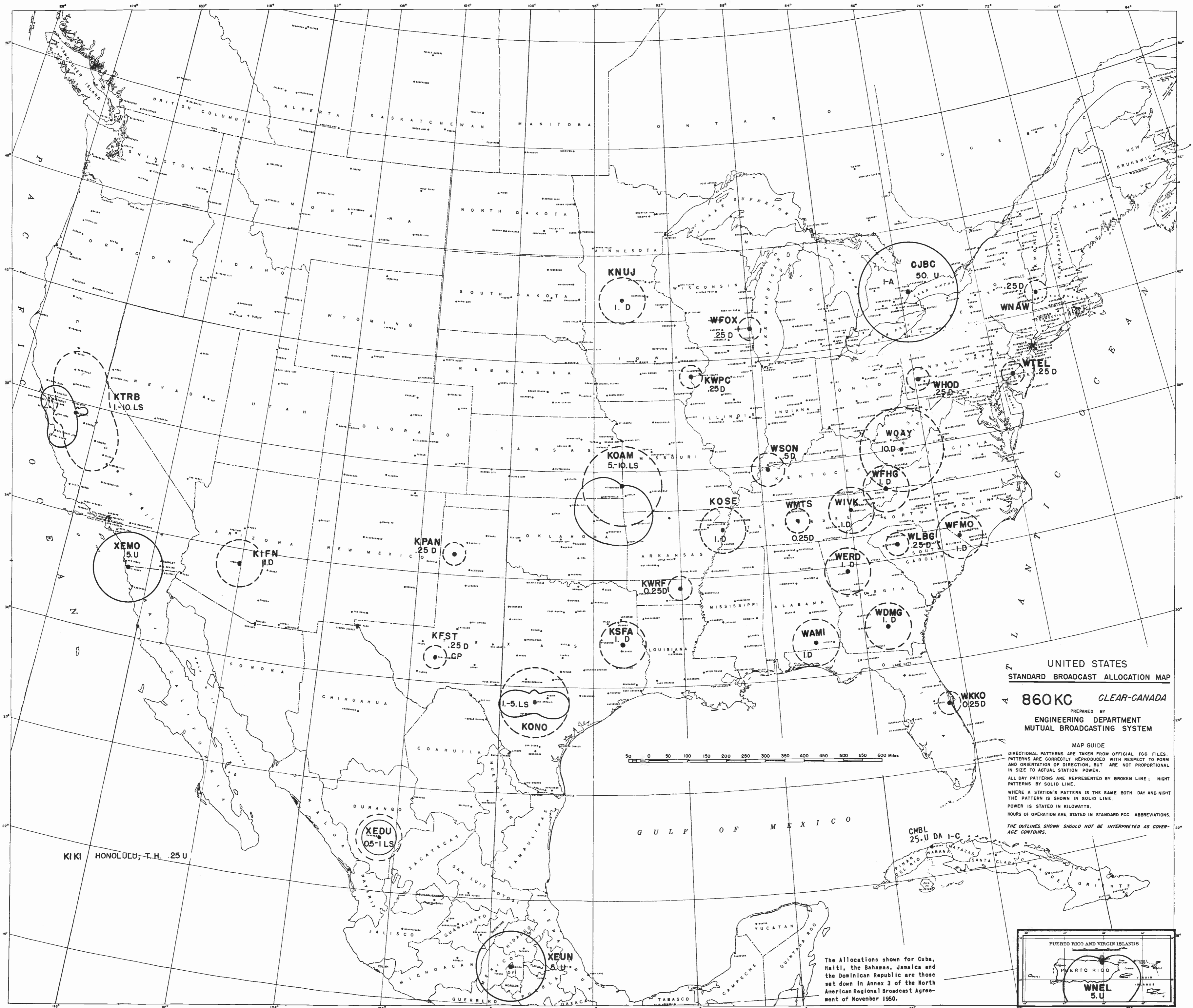


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP  
850 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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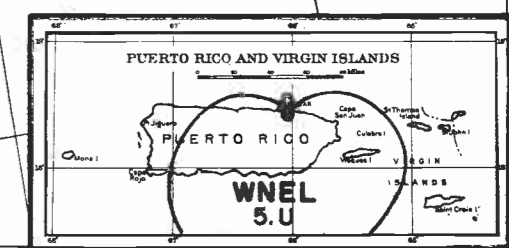


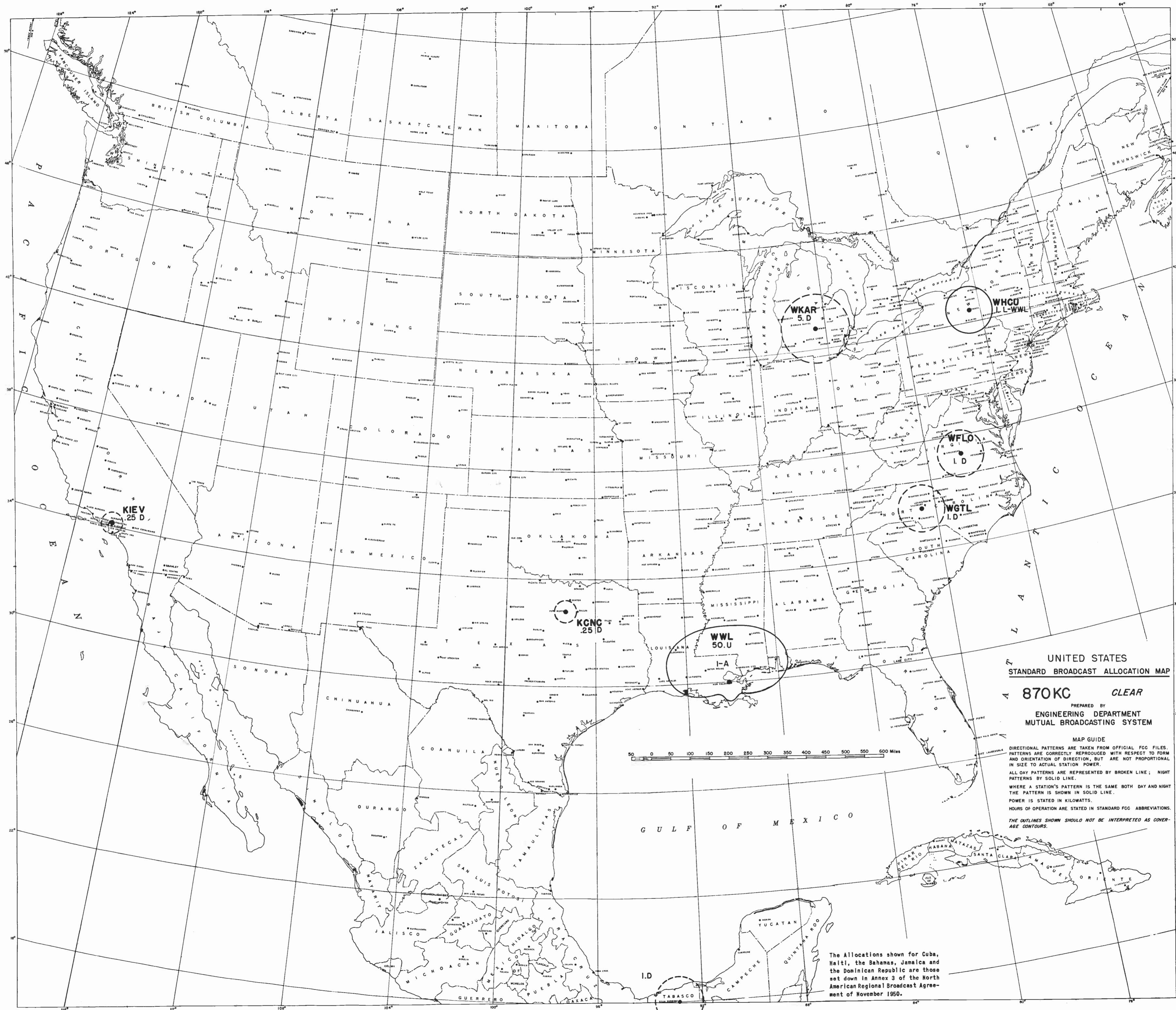
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

860 KC CLEAR-CANADA  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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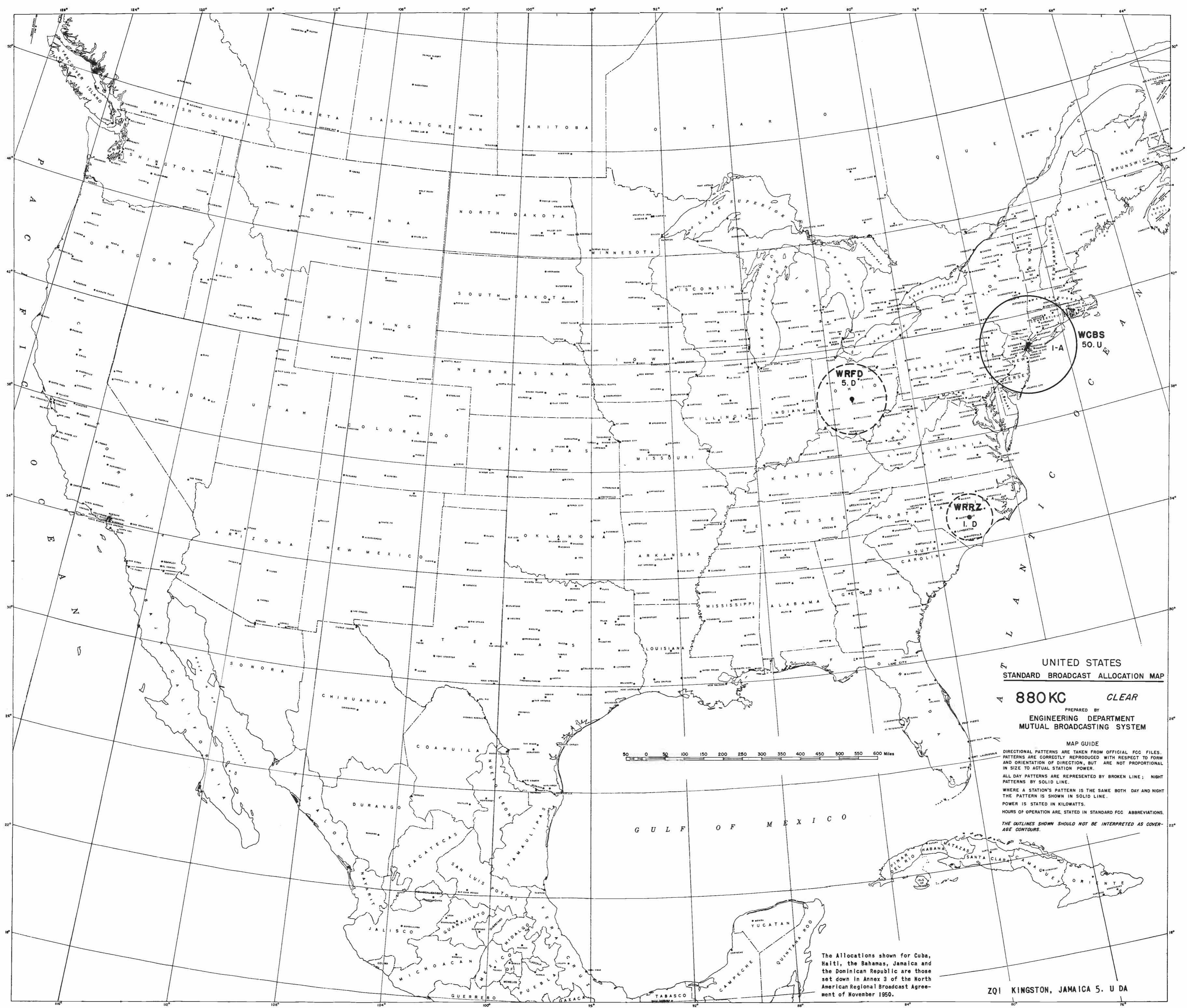


**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**870 KC CLEAR**  
 PREPARED BY  
**ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM**

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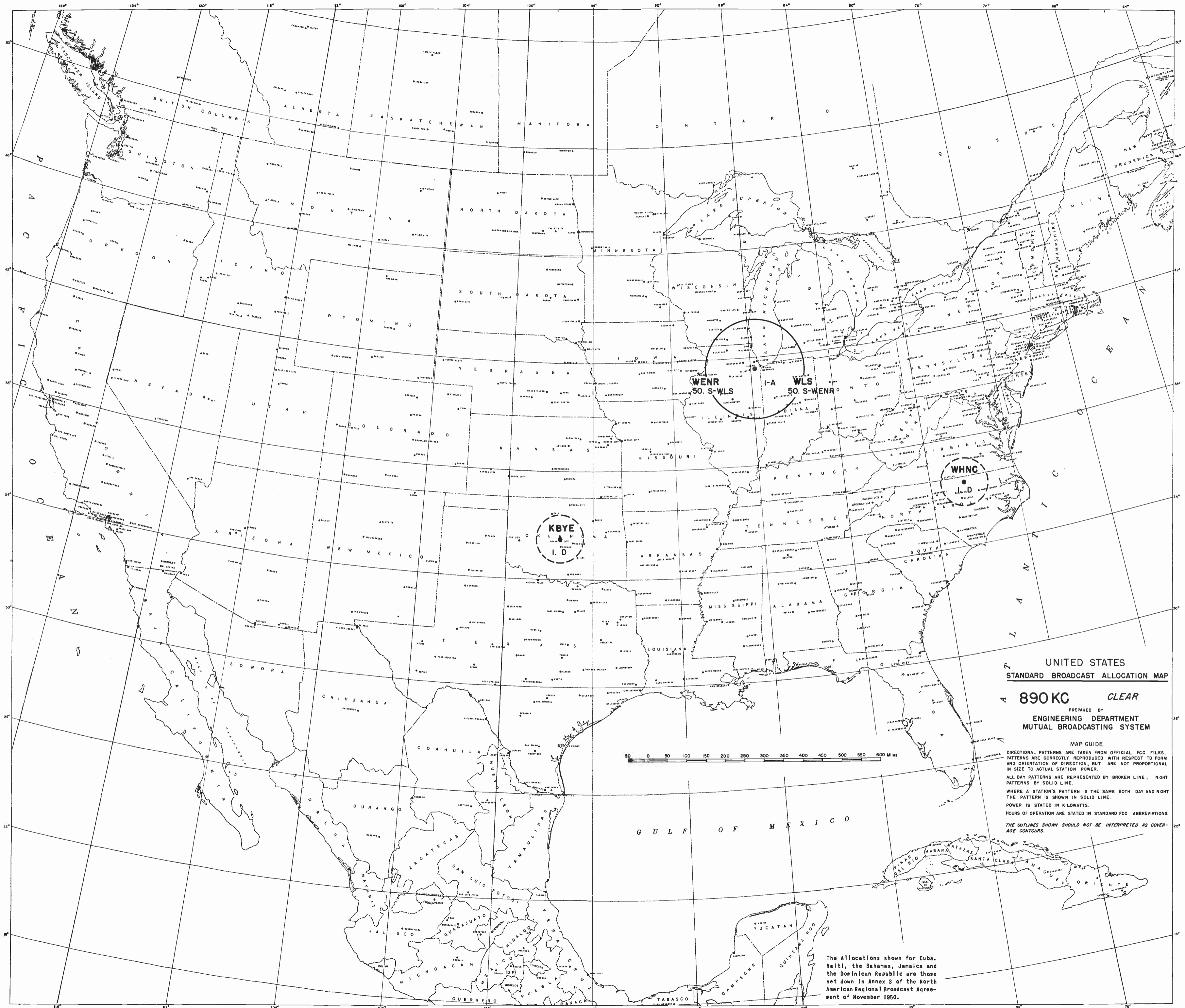


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP  
880 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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ZQ1 KINGSTON, JAMAICA 5. U DA

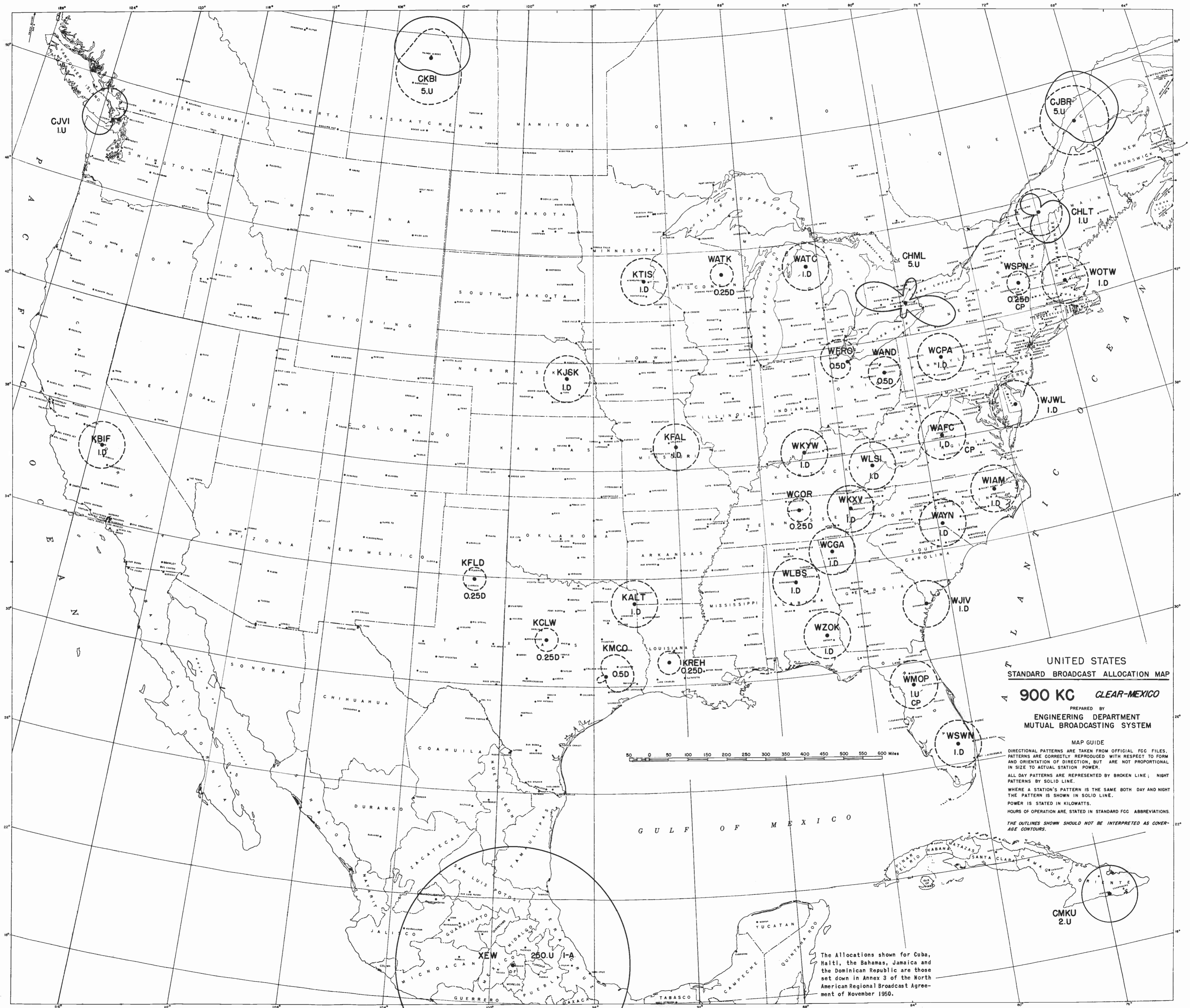


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 890 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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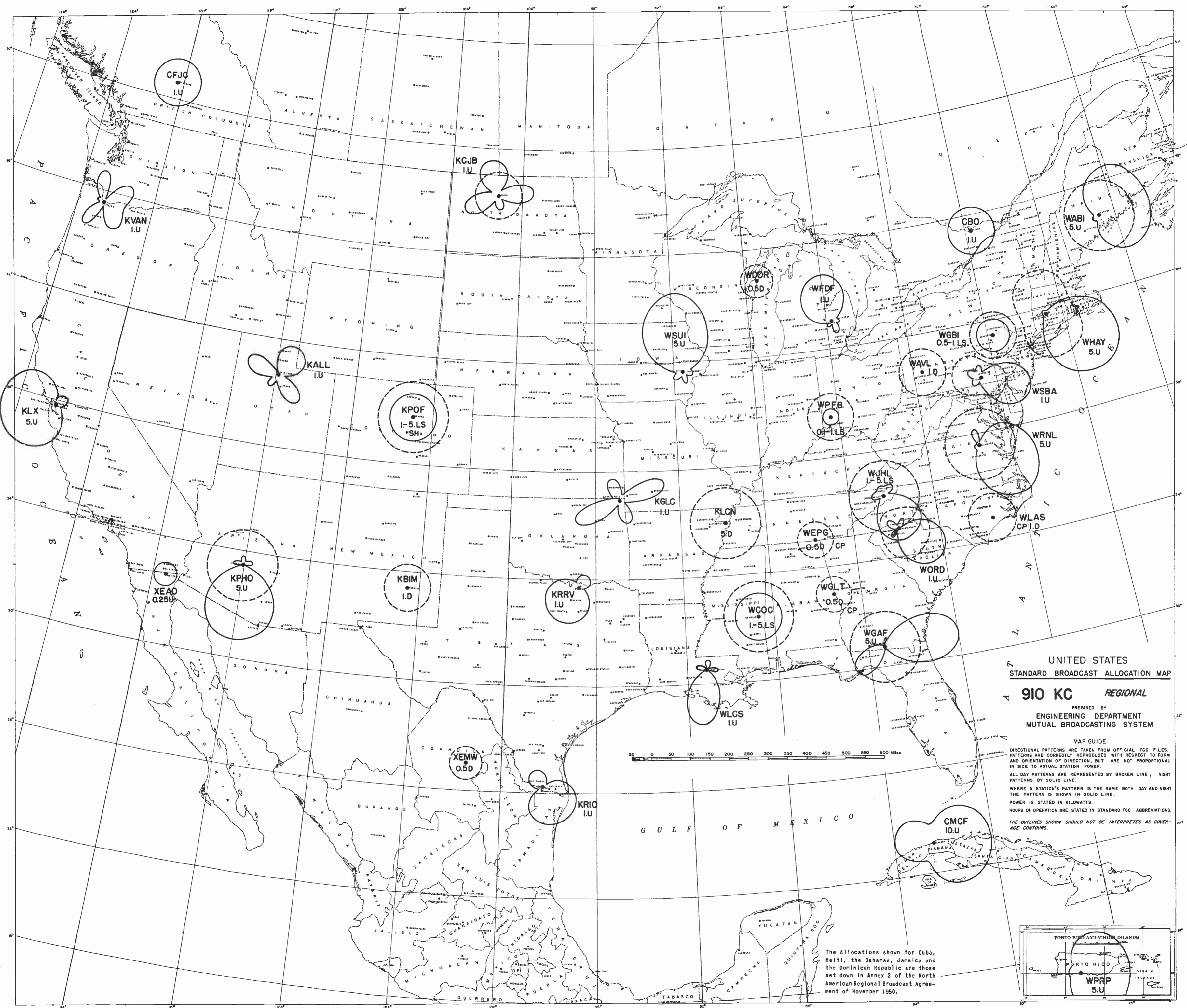
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UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 A 900 KC CLEAR-MEXICO  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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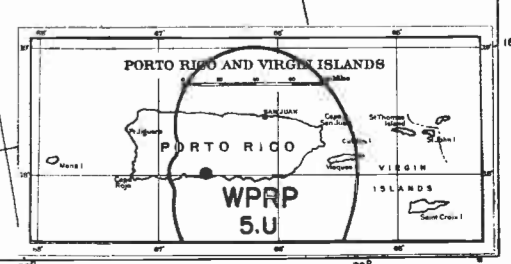
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**910 KC REGIONAL**

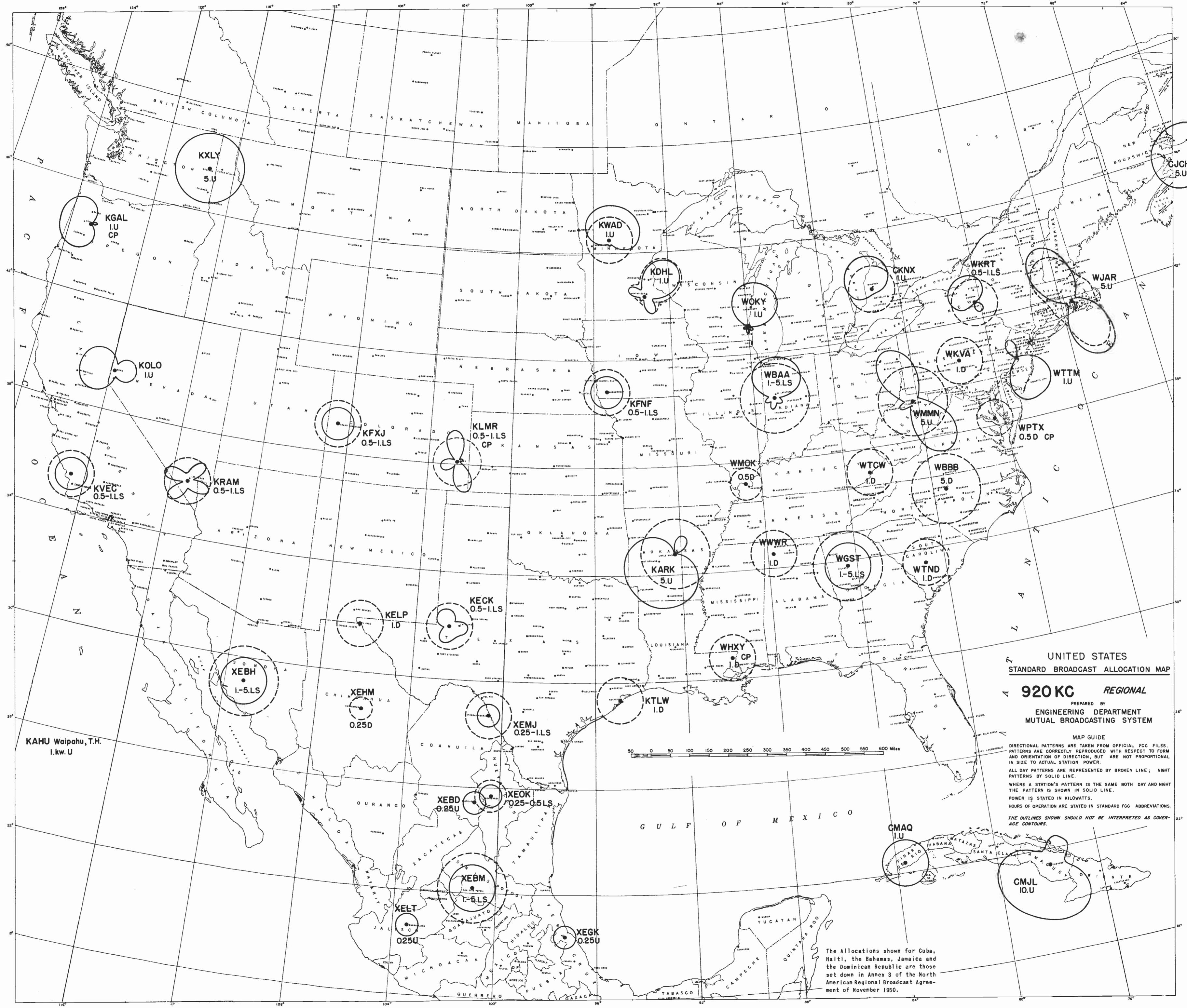
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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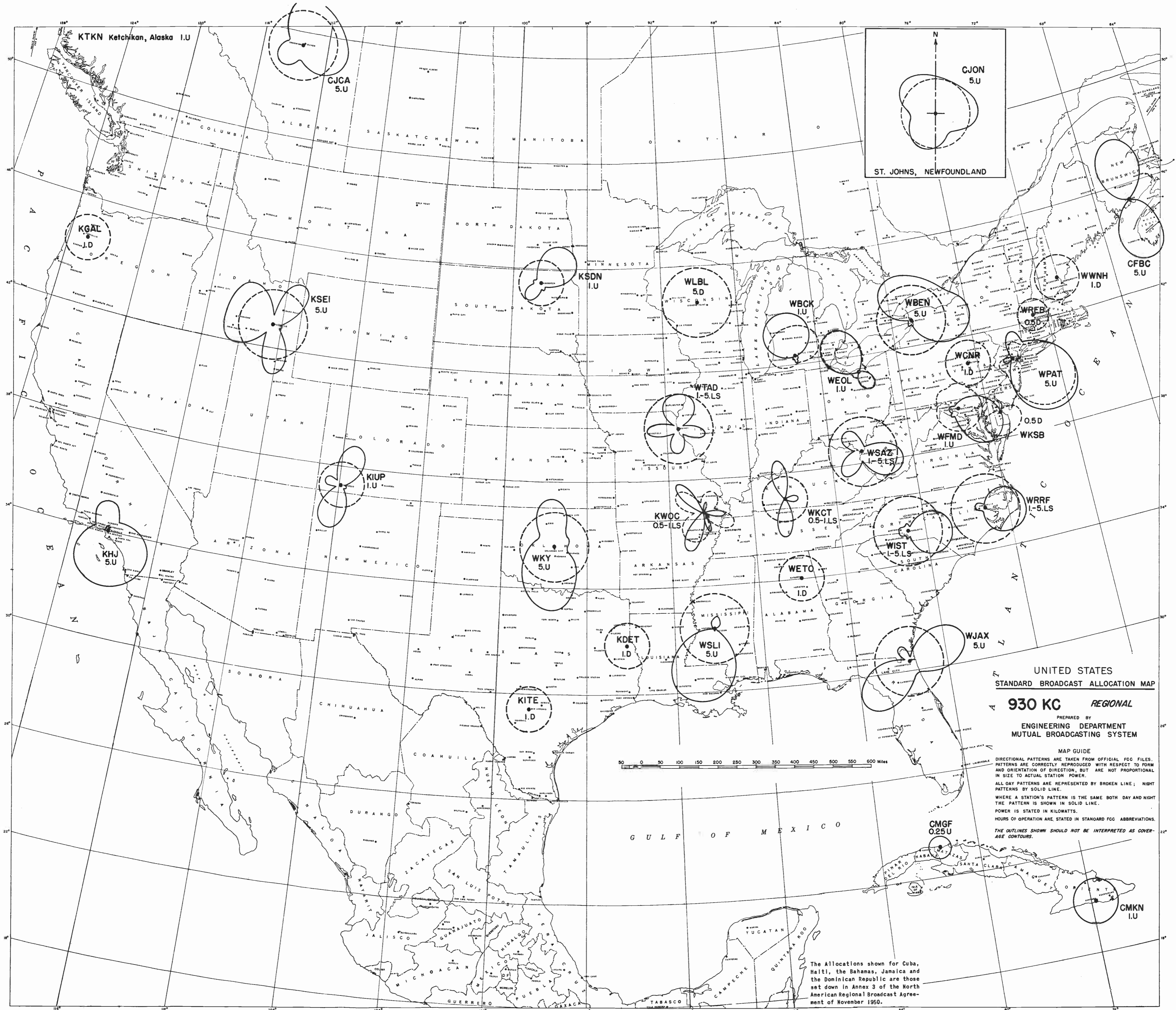


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**920 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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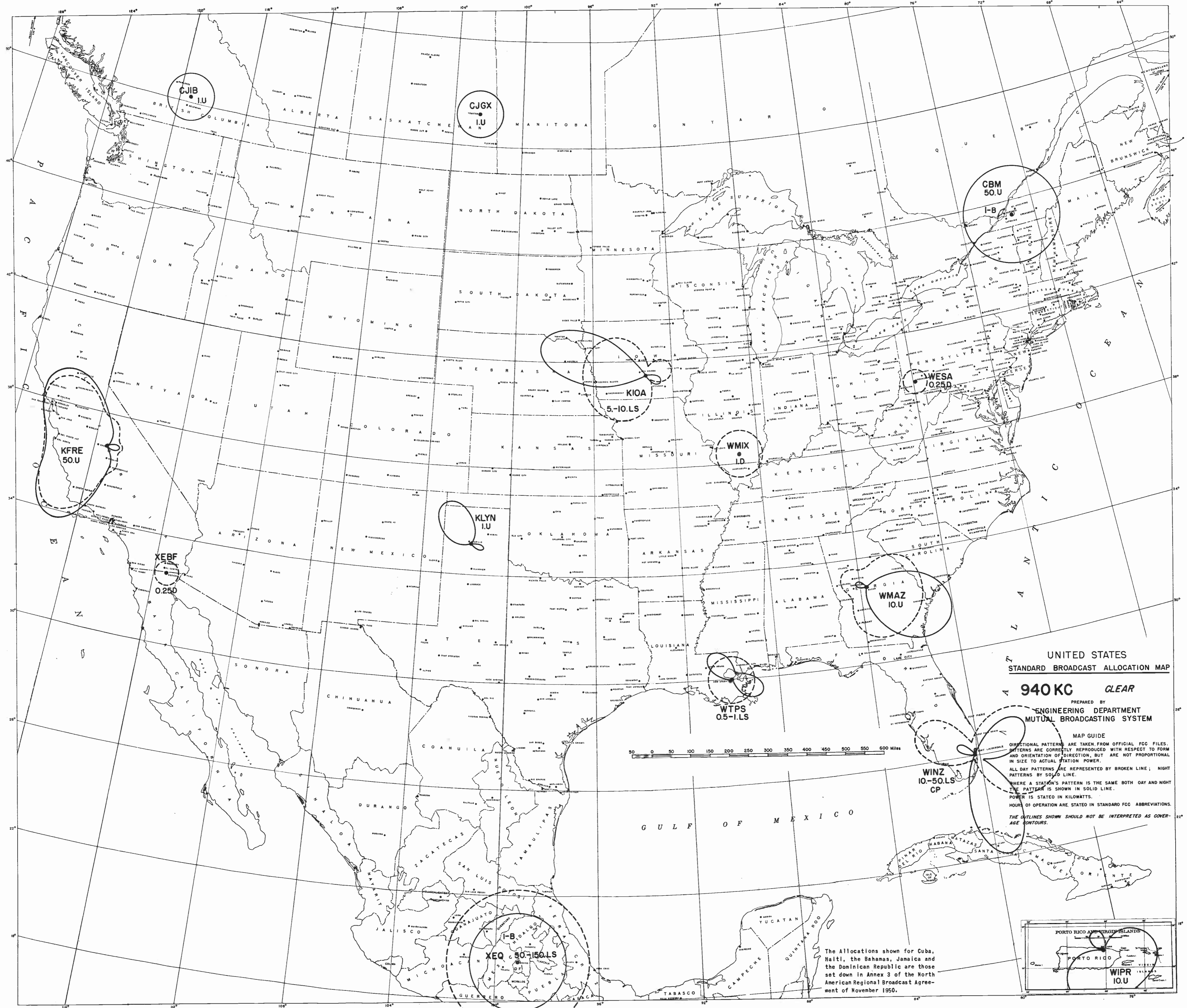
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UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 930 KC REGIONAL  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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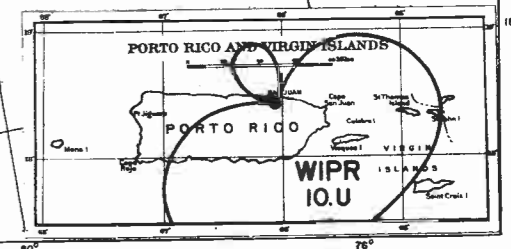
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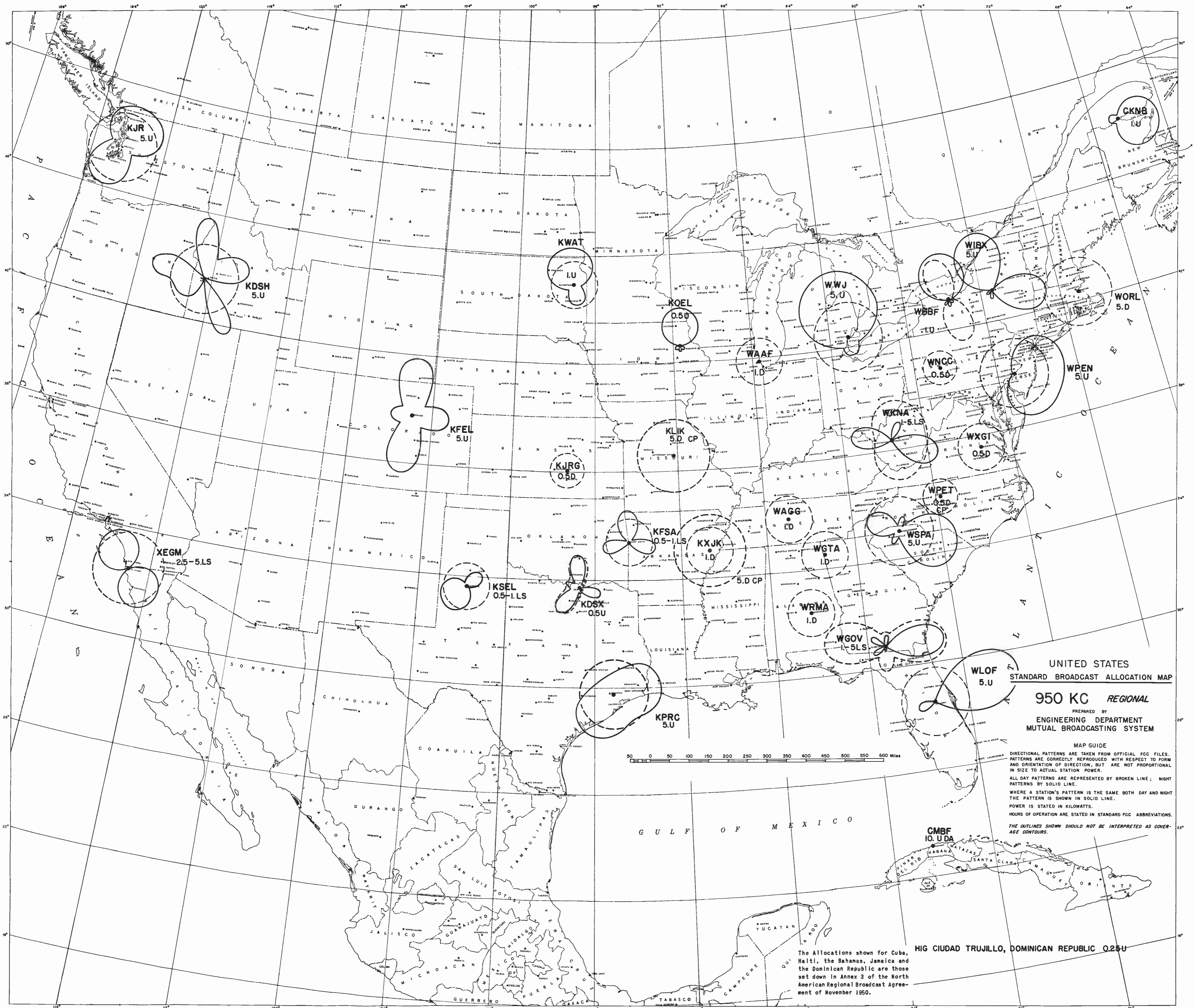
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**940 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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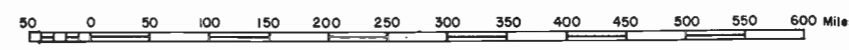


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

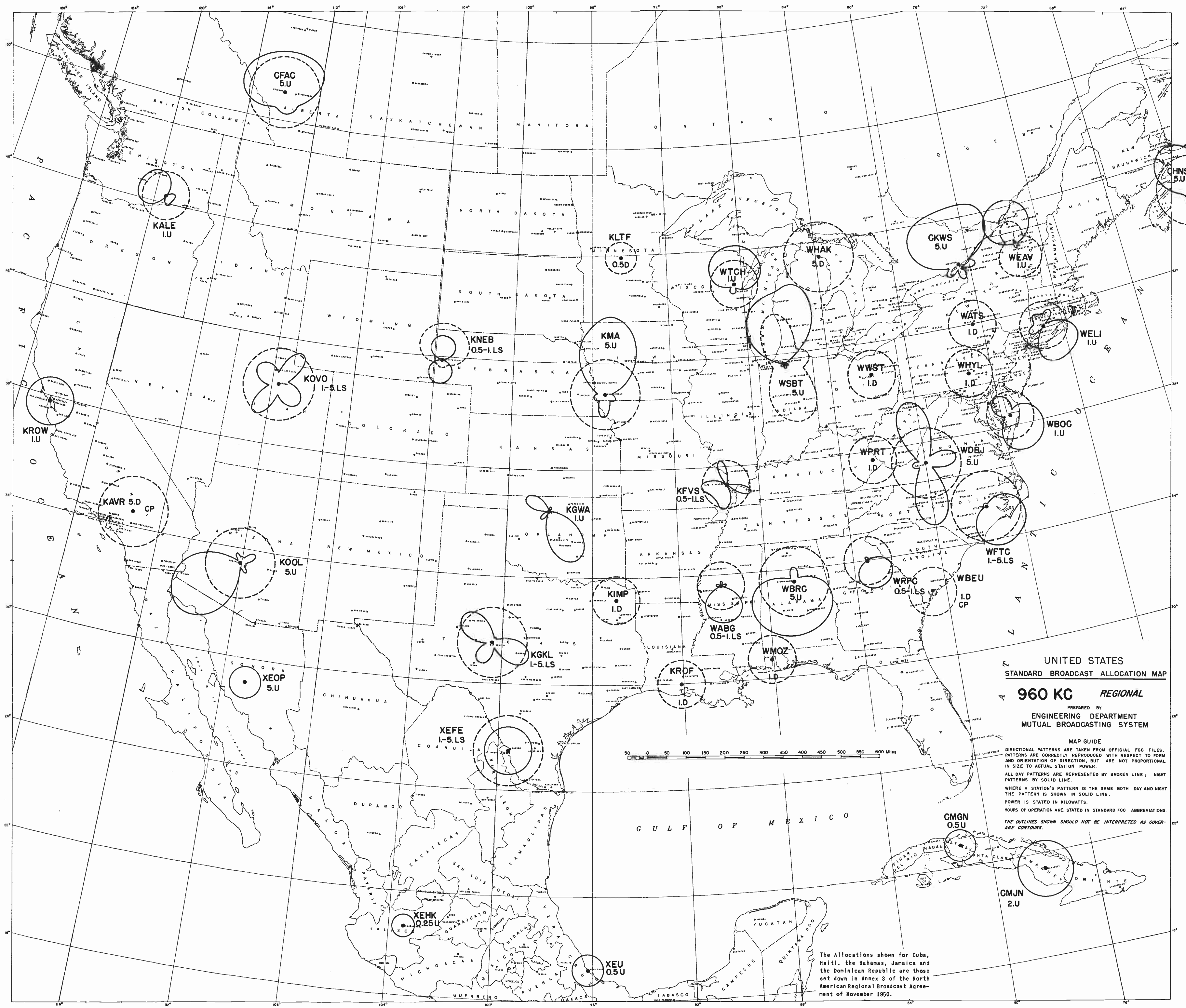
950 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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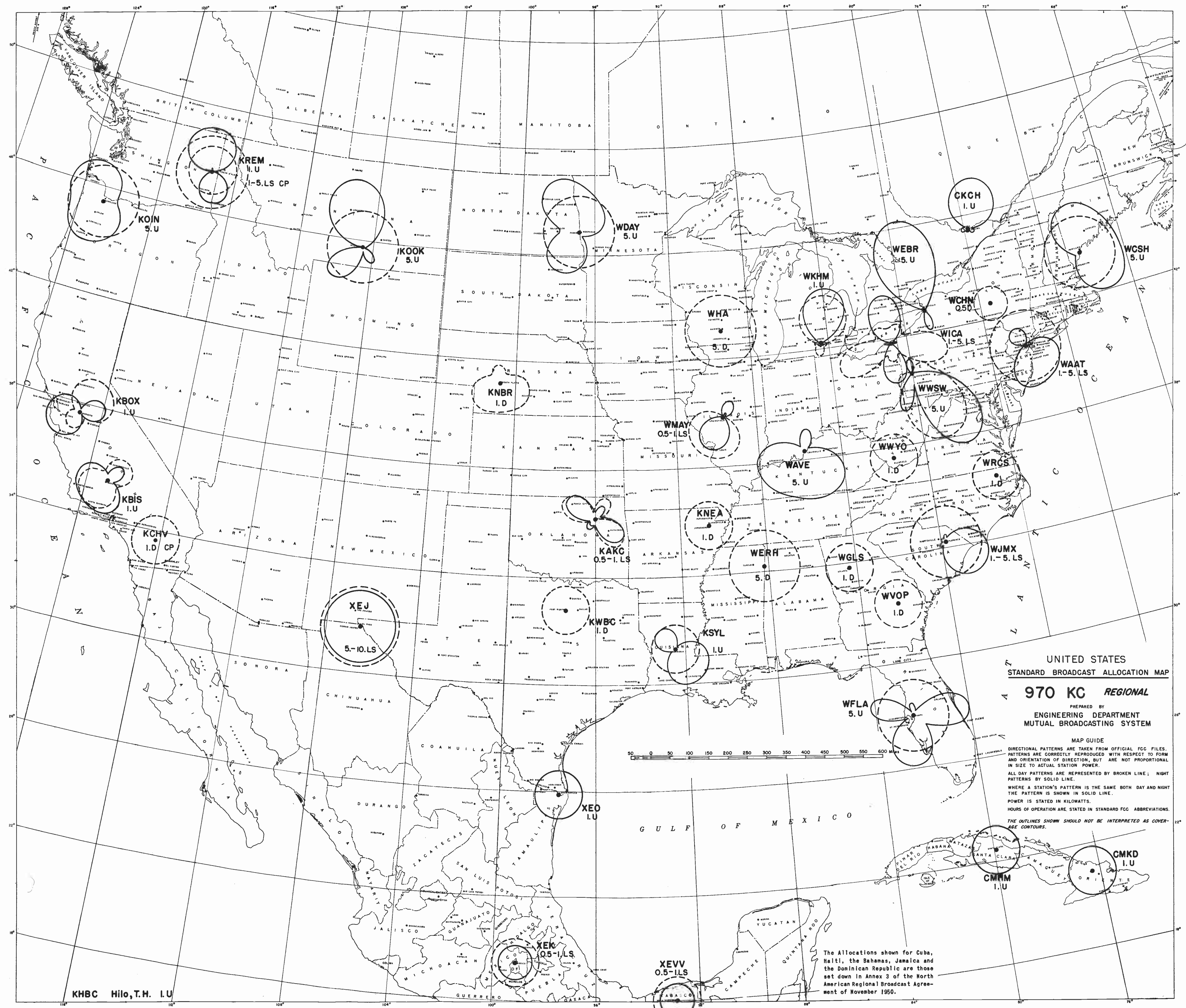
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**UNITED STATES**  
**STANDARD BROADCAST ALLOCATION MAP**  
**960 KC REGIONAL**  
 PREPARED BY  
**ENGINEERING DEPARTMENT**  
**MUTUAL BROADCASTING SYSTEM**

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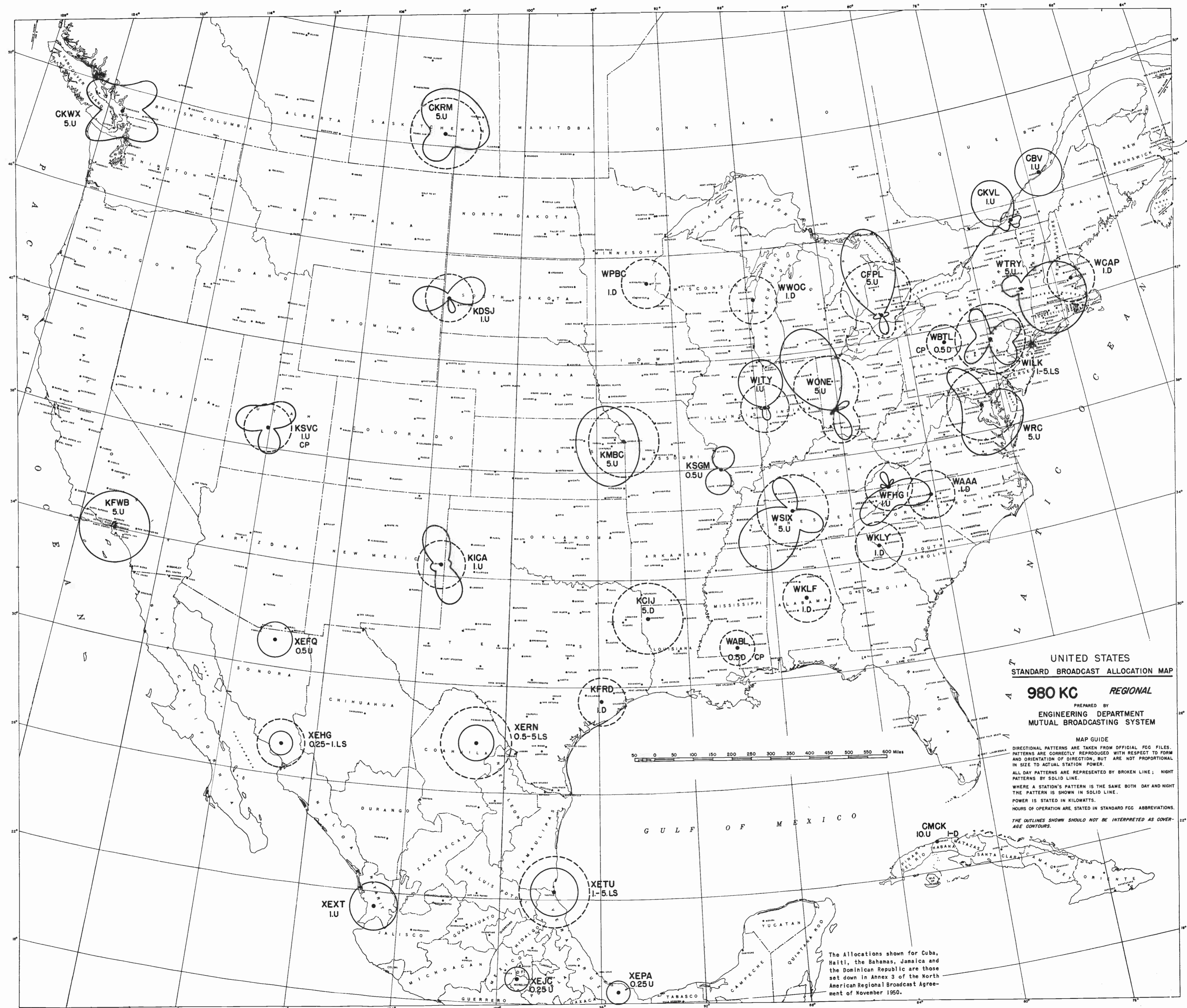


UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
**970 KC REGIONAL**  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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KHBC Hilo, T.H. I.U.



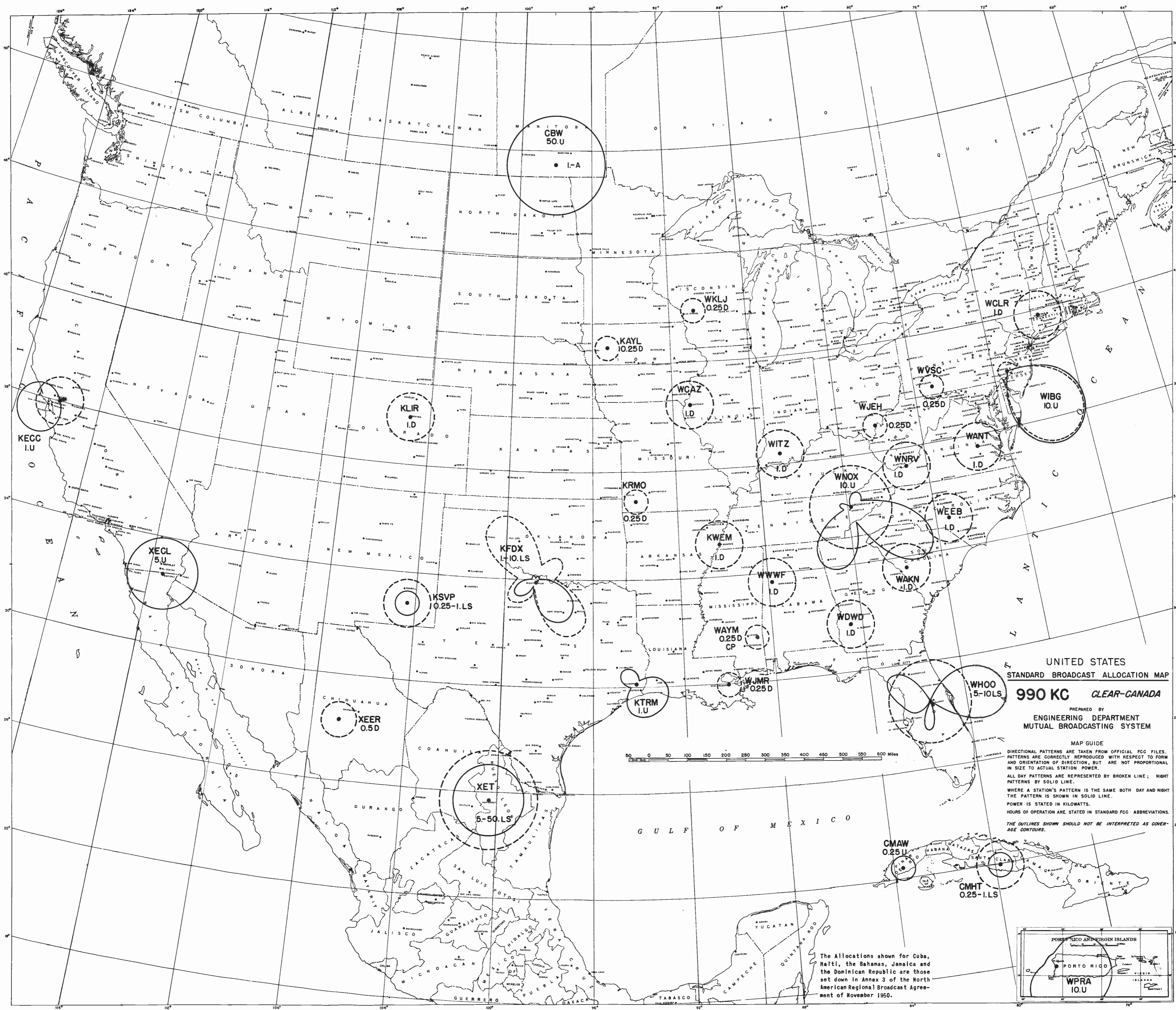
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**980 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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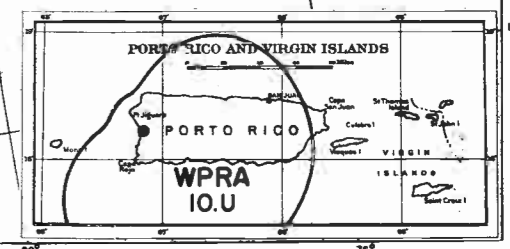
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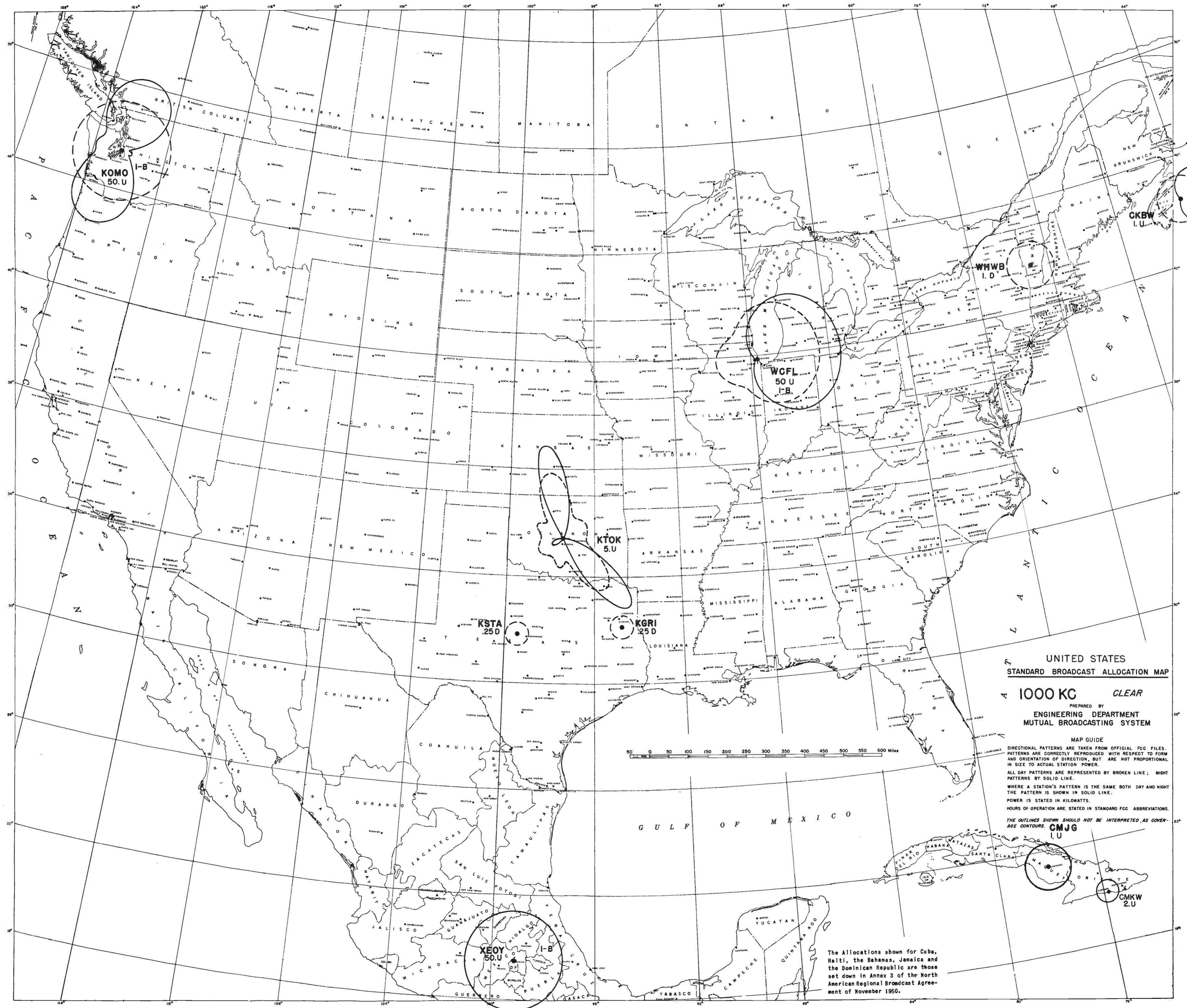
UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
**990 KC CLEAR-CANADA**  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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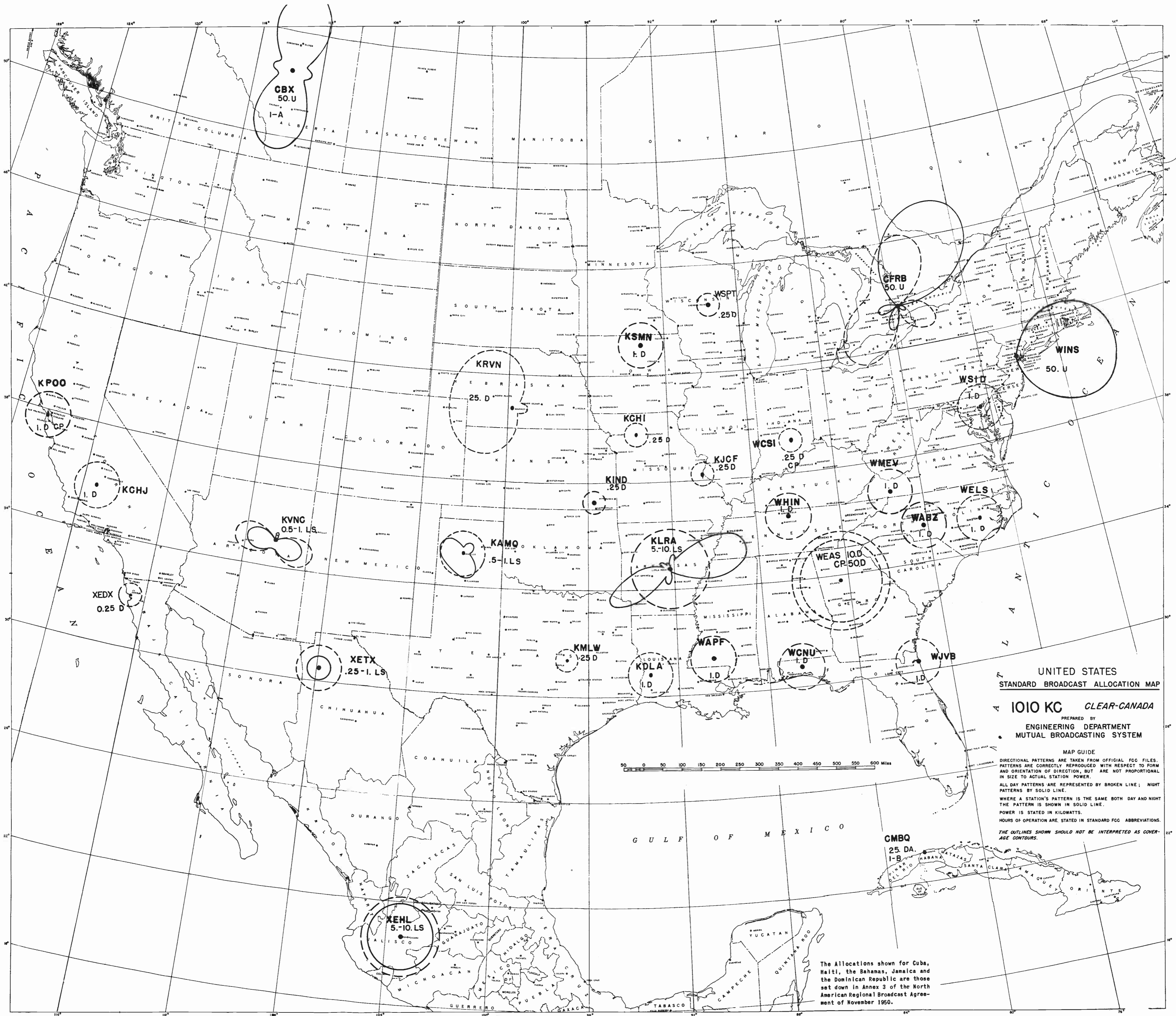


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1000 KC CLEAR  
PREPARED BY  
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MUTUAL BROADCASTING SYSTEM

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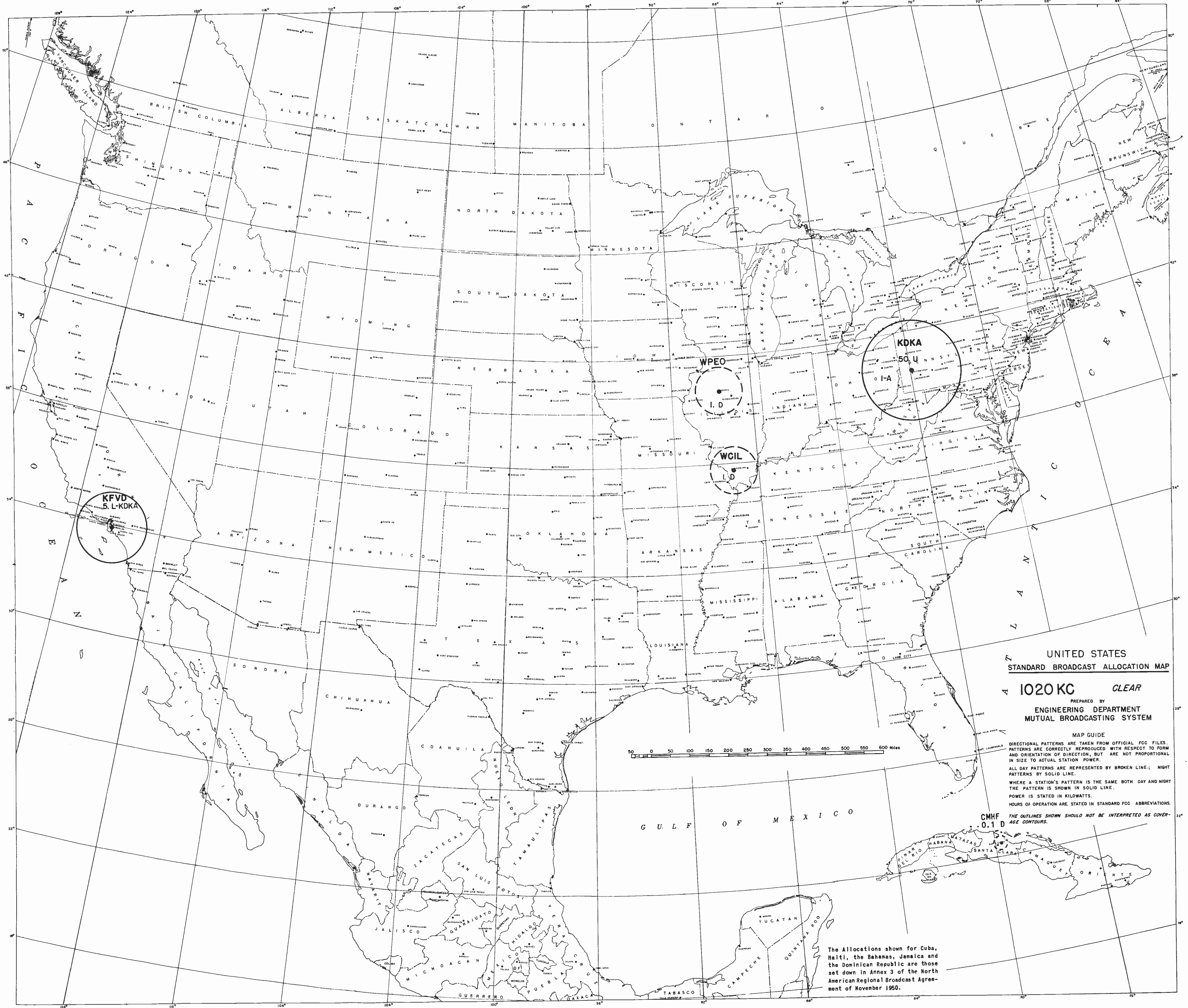
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UNITED STATES  
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 1010 KC CLEAR-CANADA  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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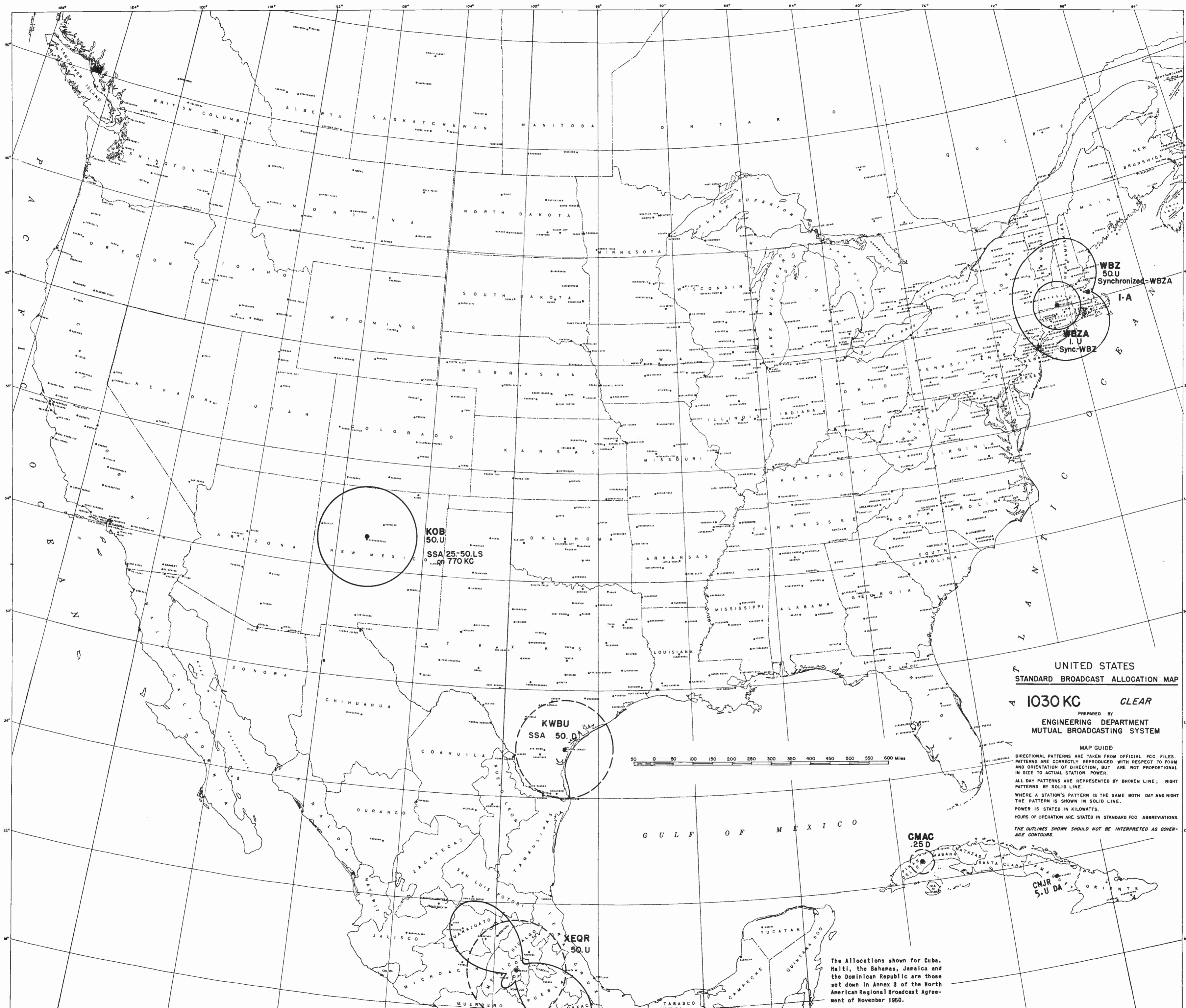
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**A 1020 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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CMHF  
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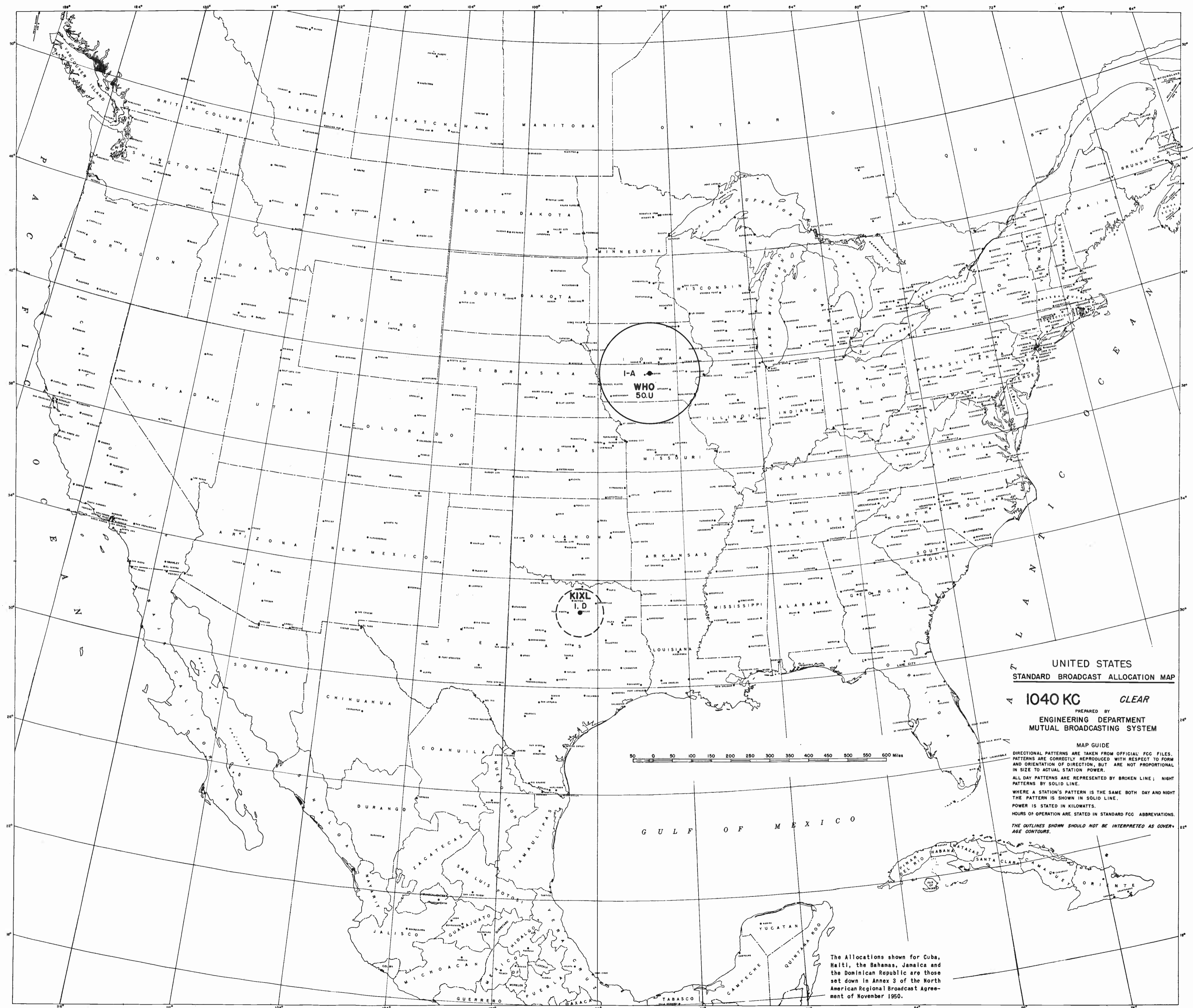


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1030 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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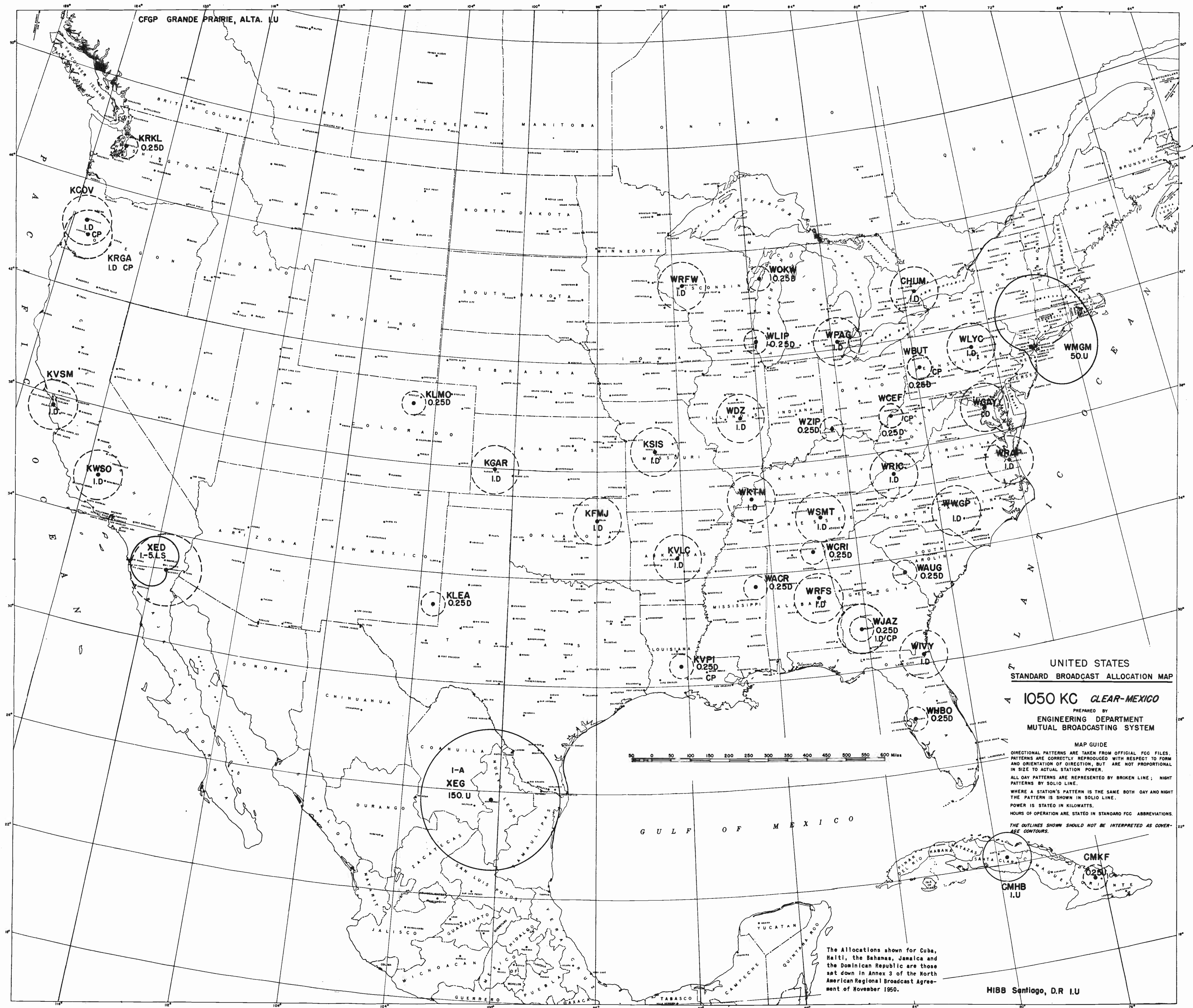
**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**A 1040 KC CLEAR**  
 PREPARED BY  
**ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM**

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UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 1050 KC CLEAR-MEXICO  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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HIBB Santiago, D.R. I.U



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

4 1060 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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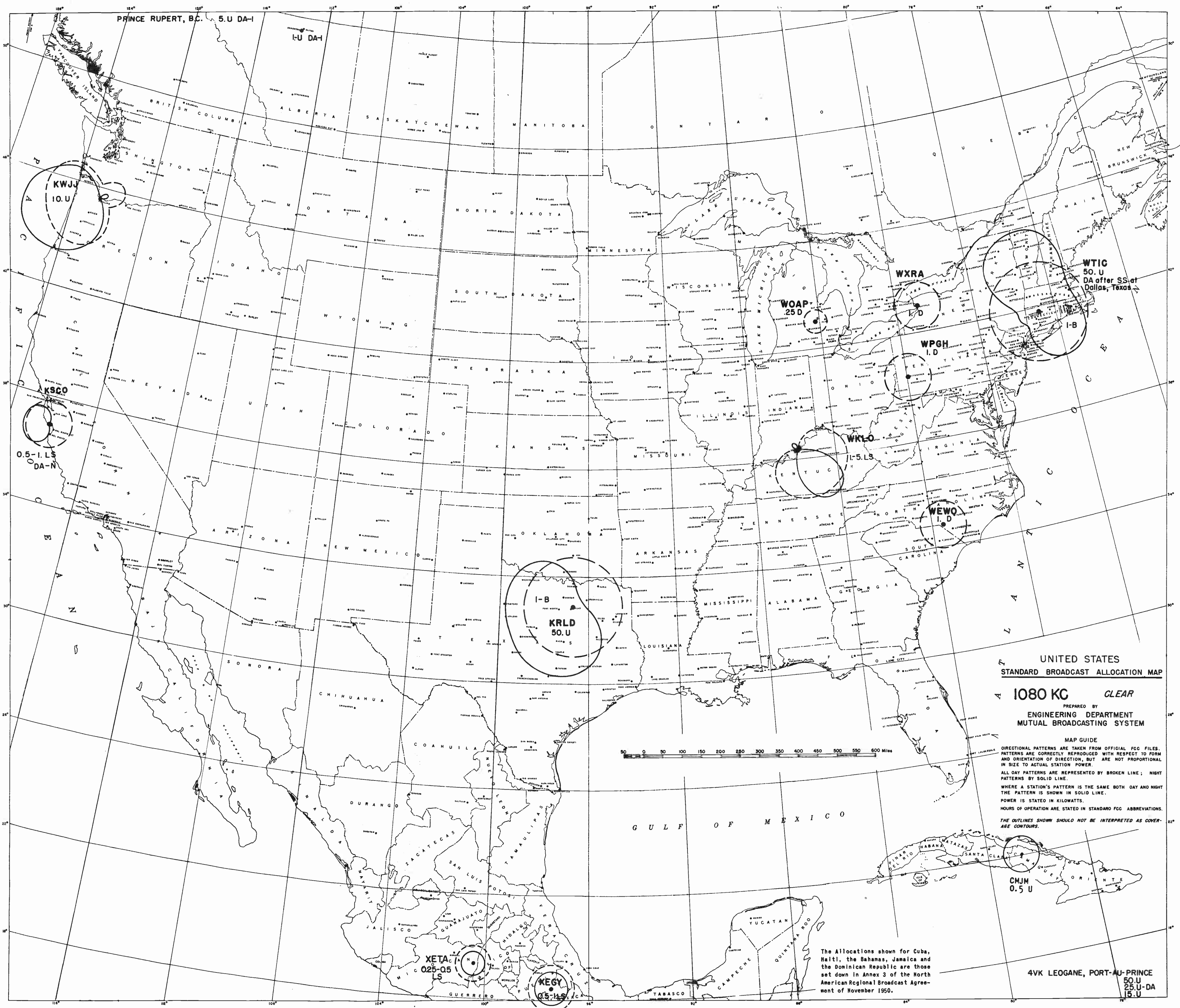
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STANDARD BROADCAST ALLOCATION MAP

1070 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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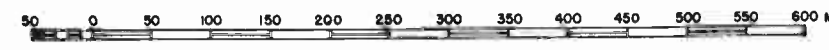




UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1080 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

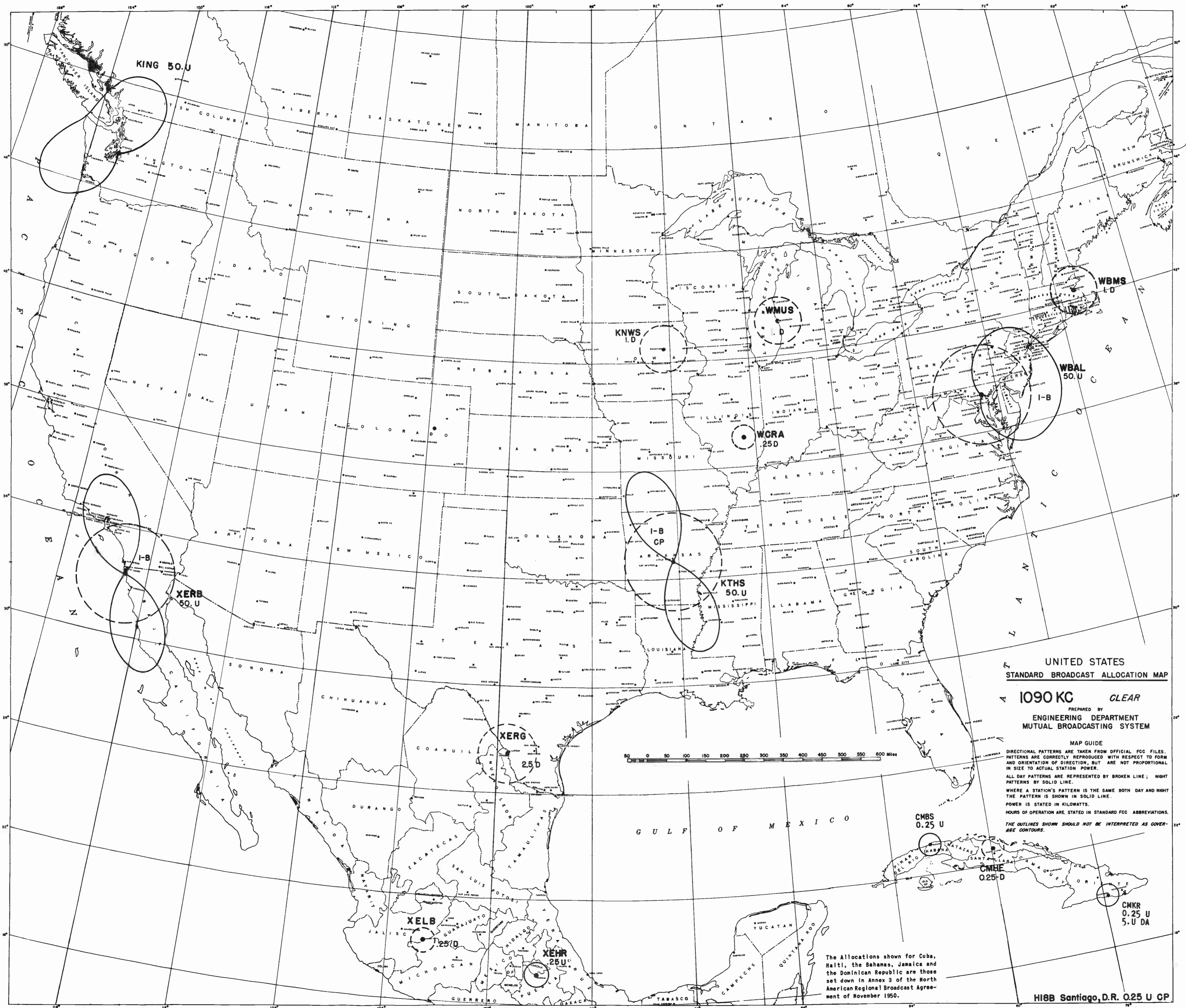
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CMJM  
0.5 U

4VK LEOGANE, PORT-AU-PRINCE  
50 U  
25 U-DA  
15 U

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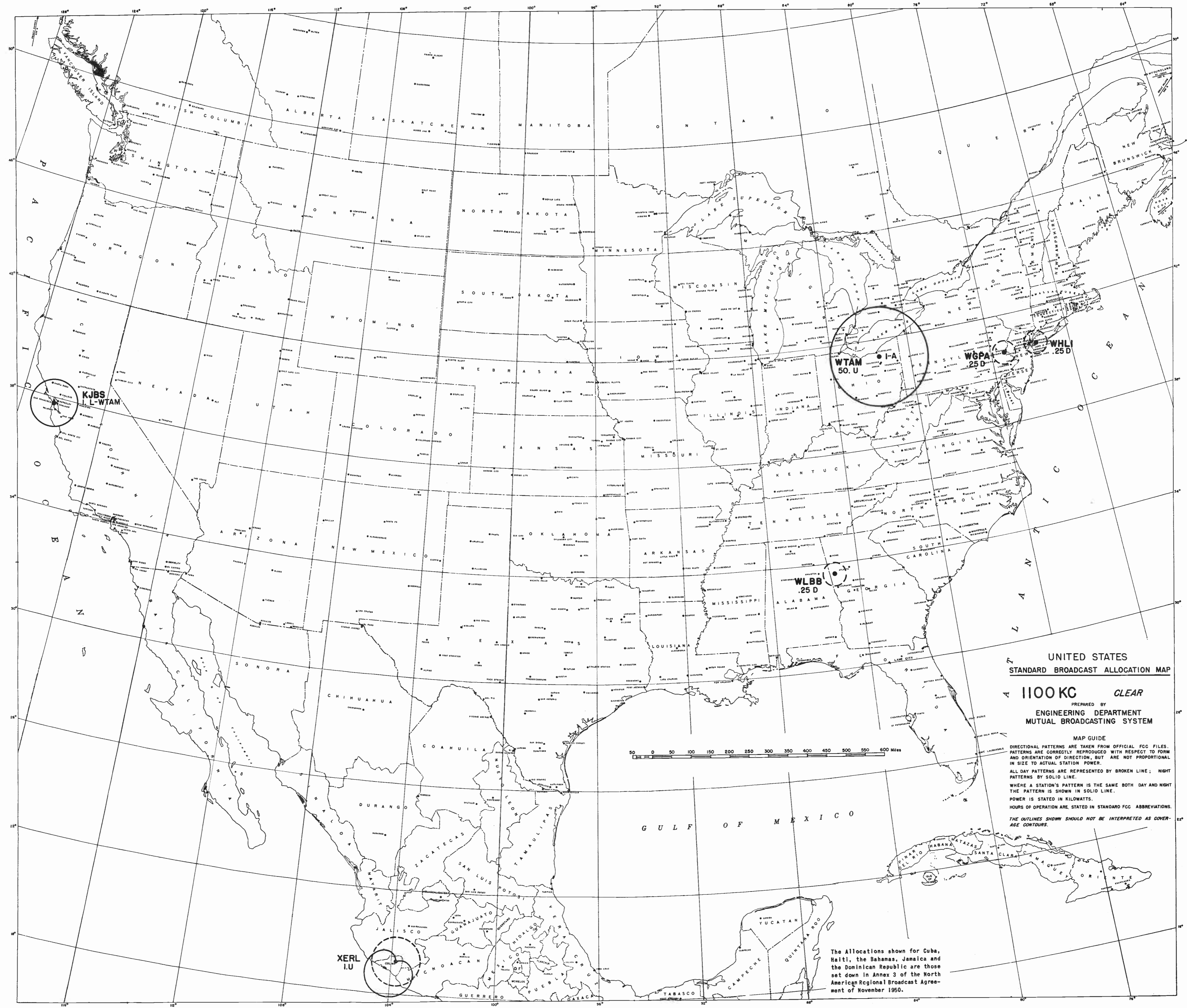


UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 1090 KC CLEAR  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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HI8B Santiago, D.R. 0.25 U CP

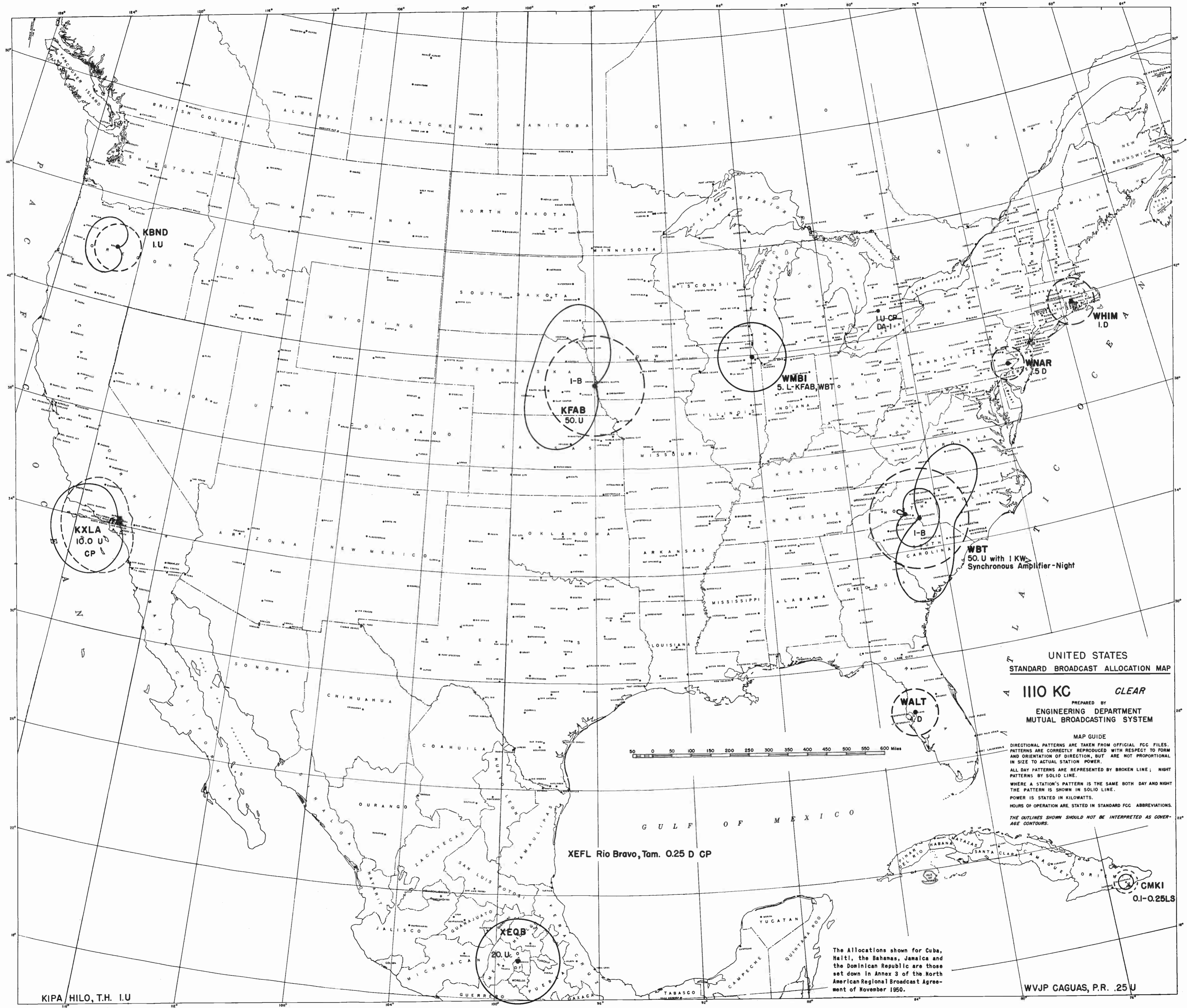


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1100 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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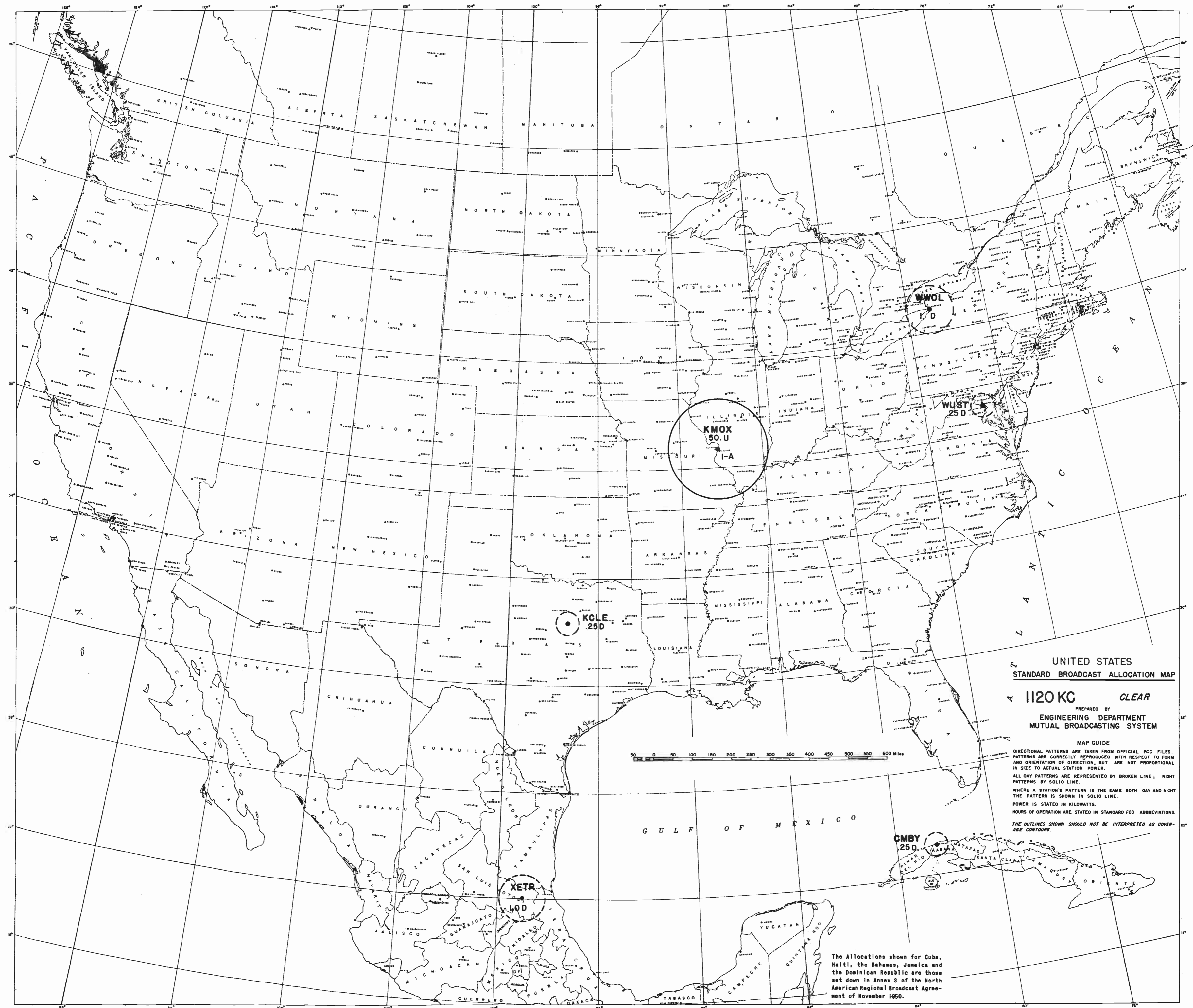
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1110 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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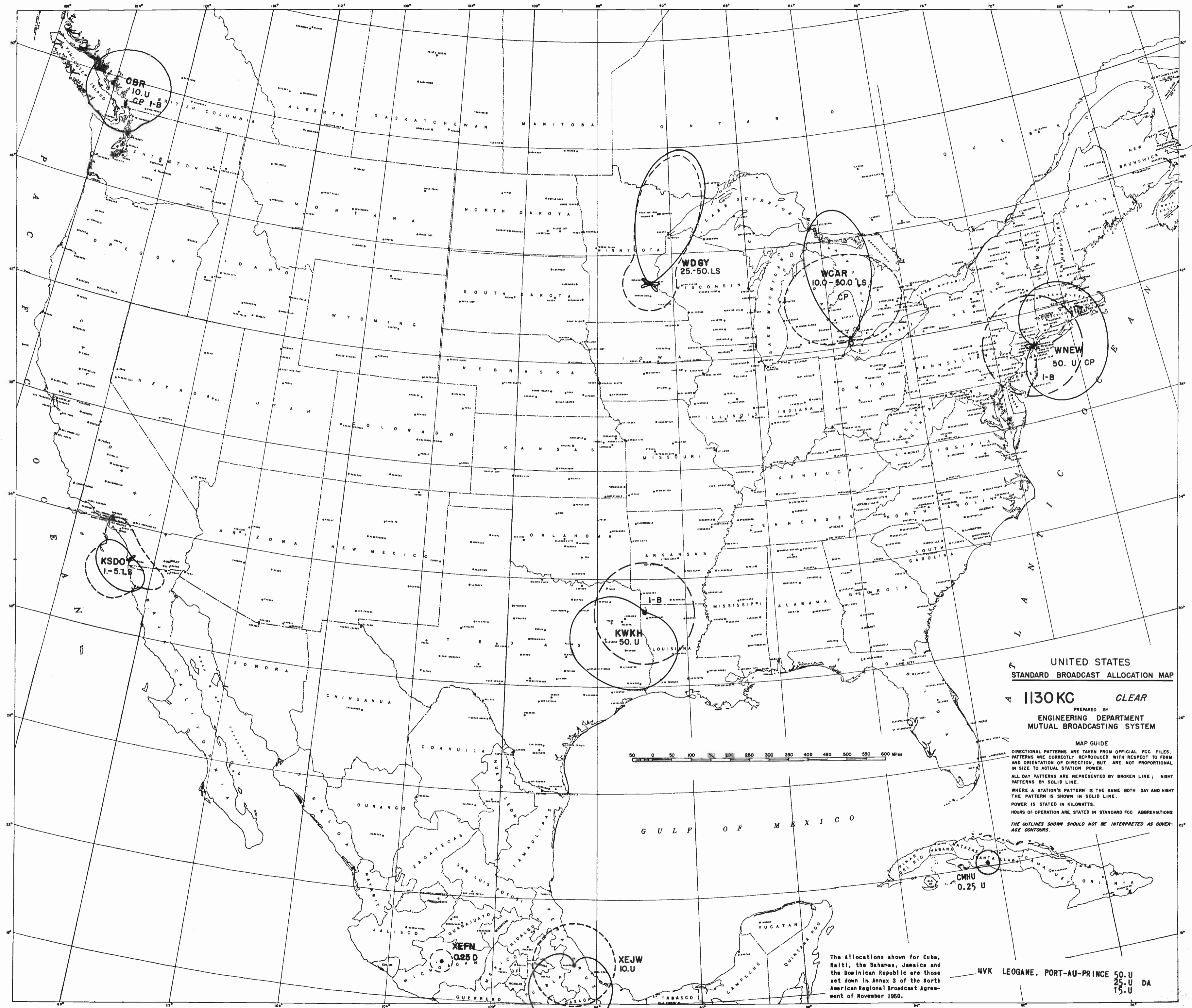


**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**1120 KC CLEAR**  
PREPARED BY  
**ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM**

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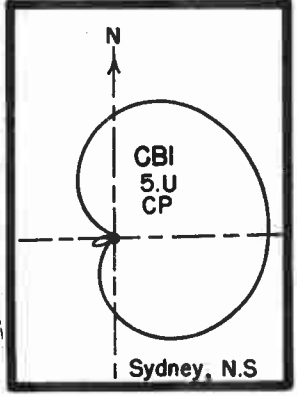
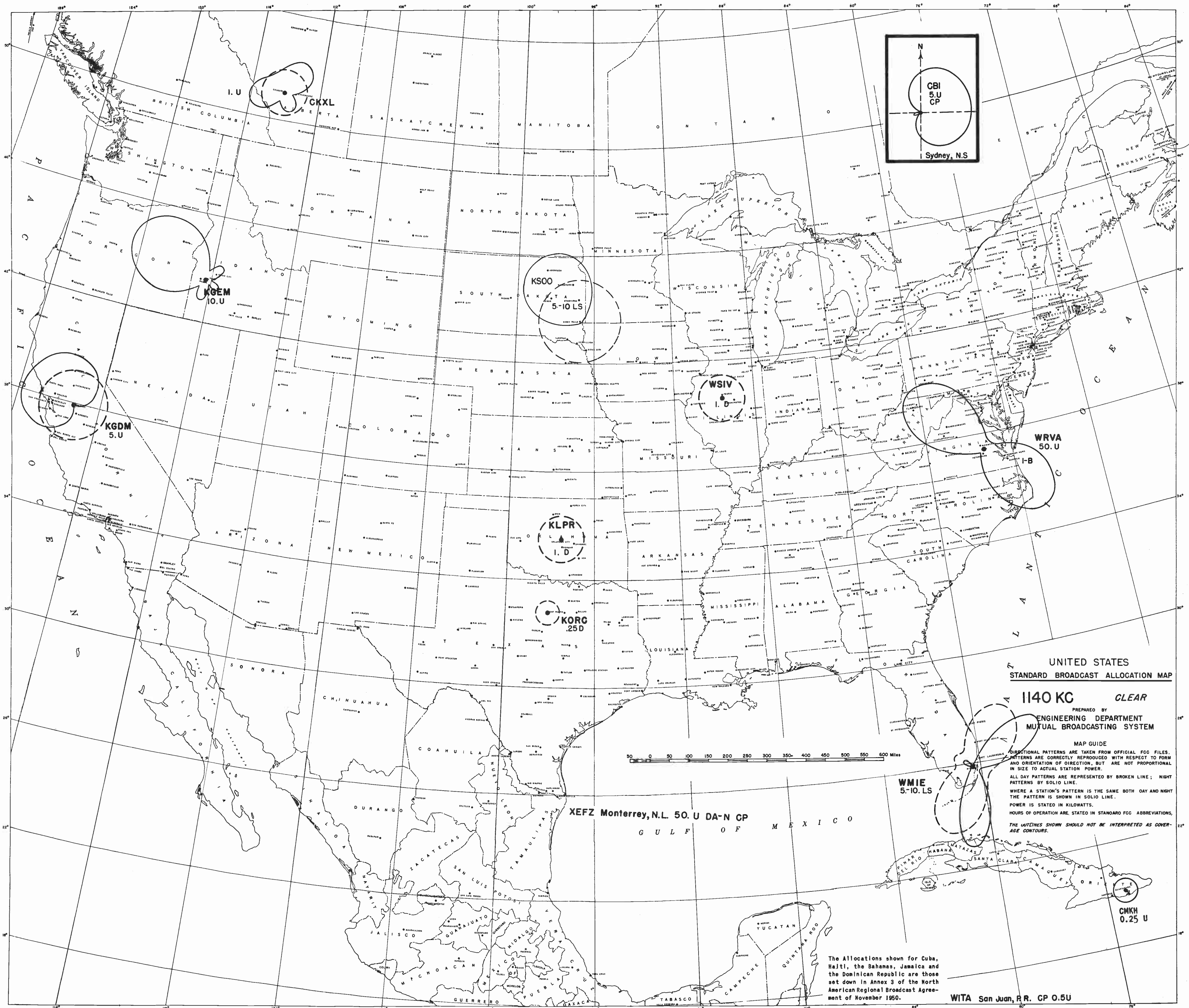
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STANDARD BROADCAST ALLOCATION MAP

1130 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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4VK LEOGANE, PORT-AU-PRINCE 50.0 U  
25.0 U DA  
15.0 U



**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

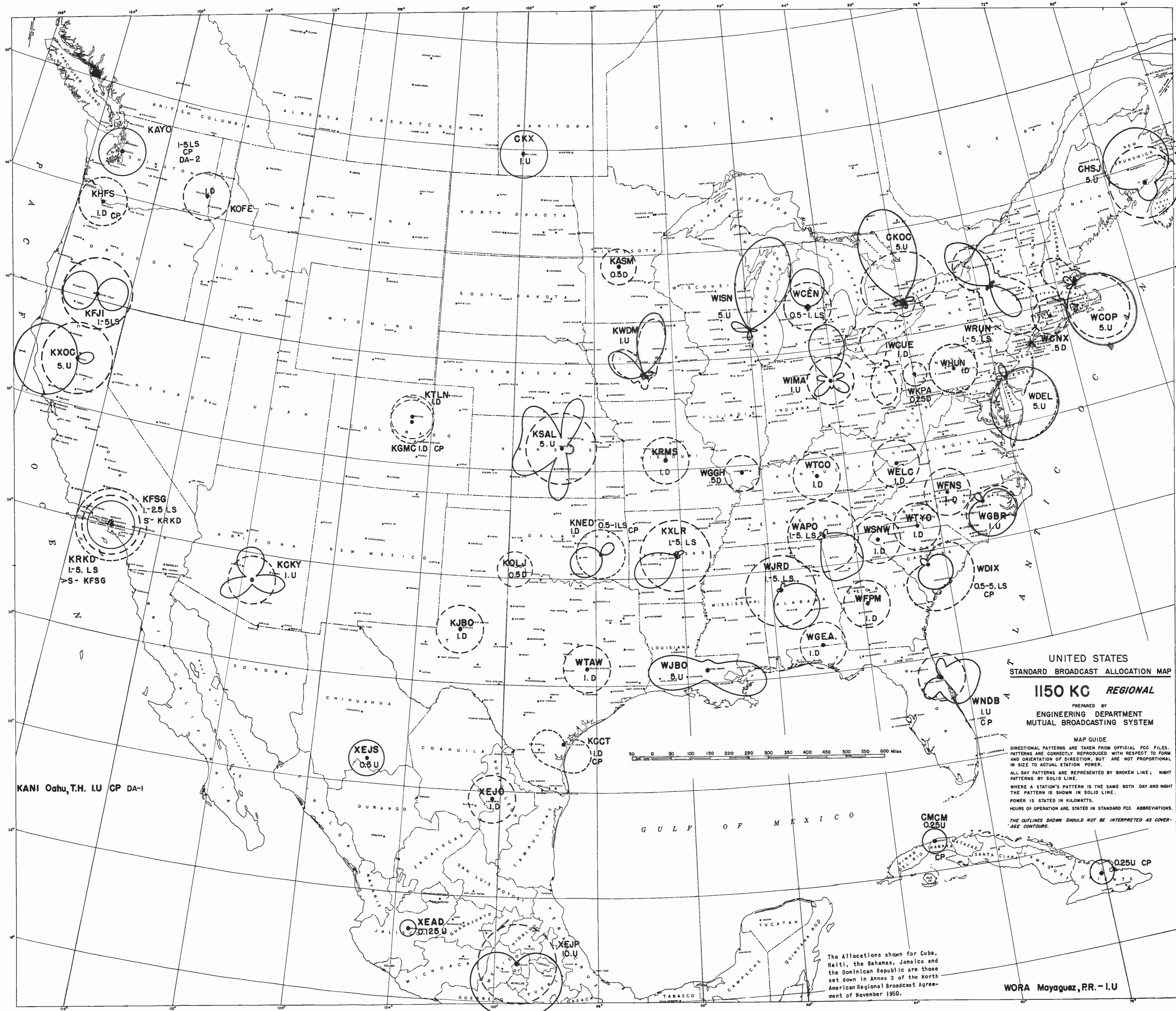
**1140 KC CLEAR**  
PREPARED BY  
**ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM**

**MAP GUIDE**  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
ALL DAY PATTERNS ARE REPRESENTED BY BROKEN LINE; NIGHT PATTERNS BY SOLID LINE.  
WHERE A STATION'S PATTERN IS THE SAME BOTH DAY AND NIGHT THE PATTERN IS SHOWN IN SOLID LINE.  
POWER IS STATED IN KILOWATTS.  
HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
THE LINES SHOWN SHOULD NOT BE INTERPRETED AS COVERAGE CONTOURS.

50 0 50 100 150 200 250 300 350 400 450 500 550 600 Miles

The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.

**WITA San Juan, P.R. CP 0.5U**



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1150 KC REGIONAL**

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

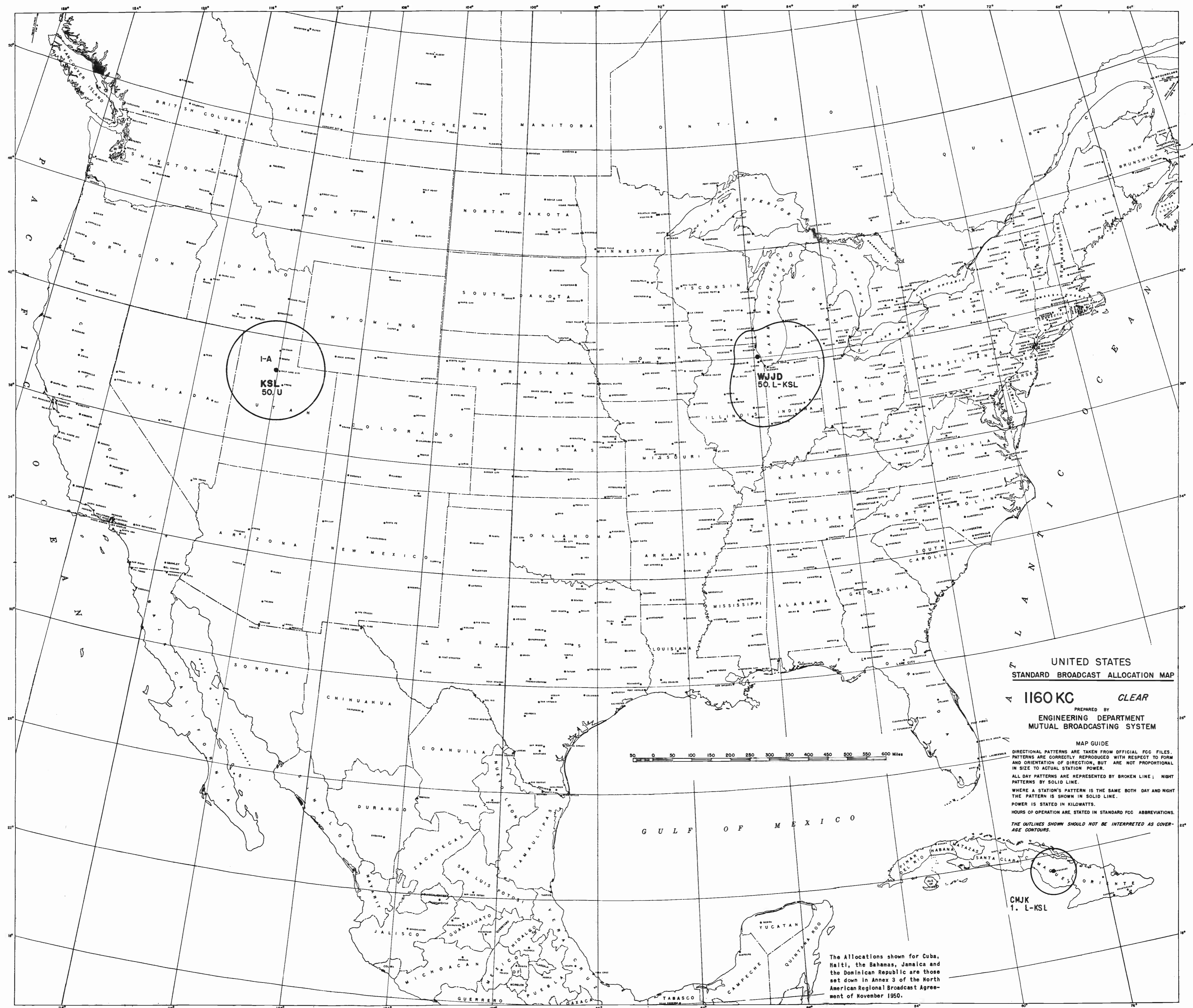
MAP GUIDE

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The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.

WORA Mayaguez, P.R. - I.U





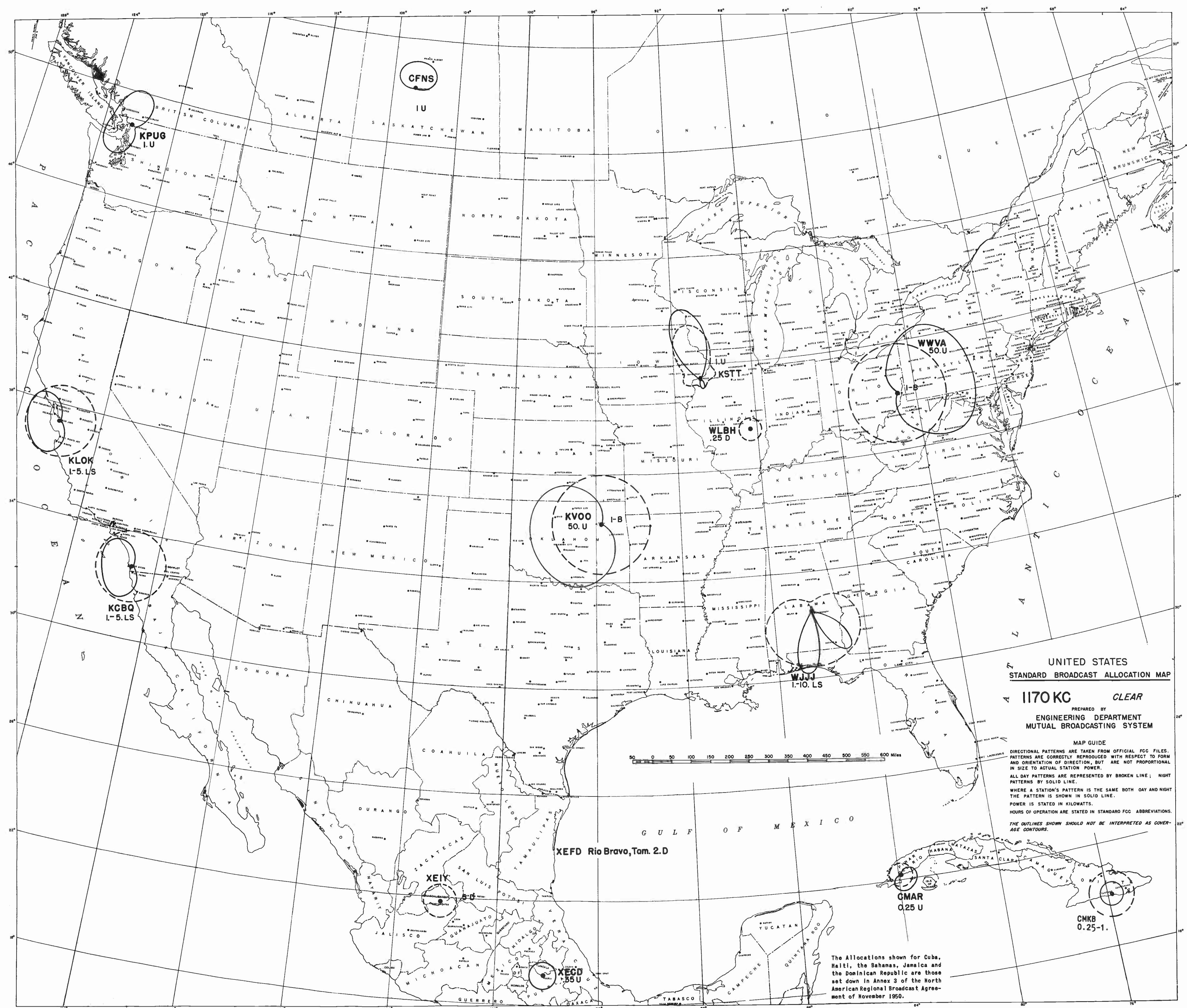
**UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP**

**A 1160 KC CLEAR**  
 PREPARED BY  
**ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM**

**MAP GUIDE**  
 DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
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 HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
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**CMJK  
 1. L-KSL**

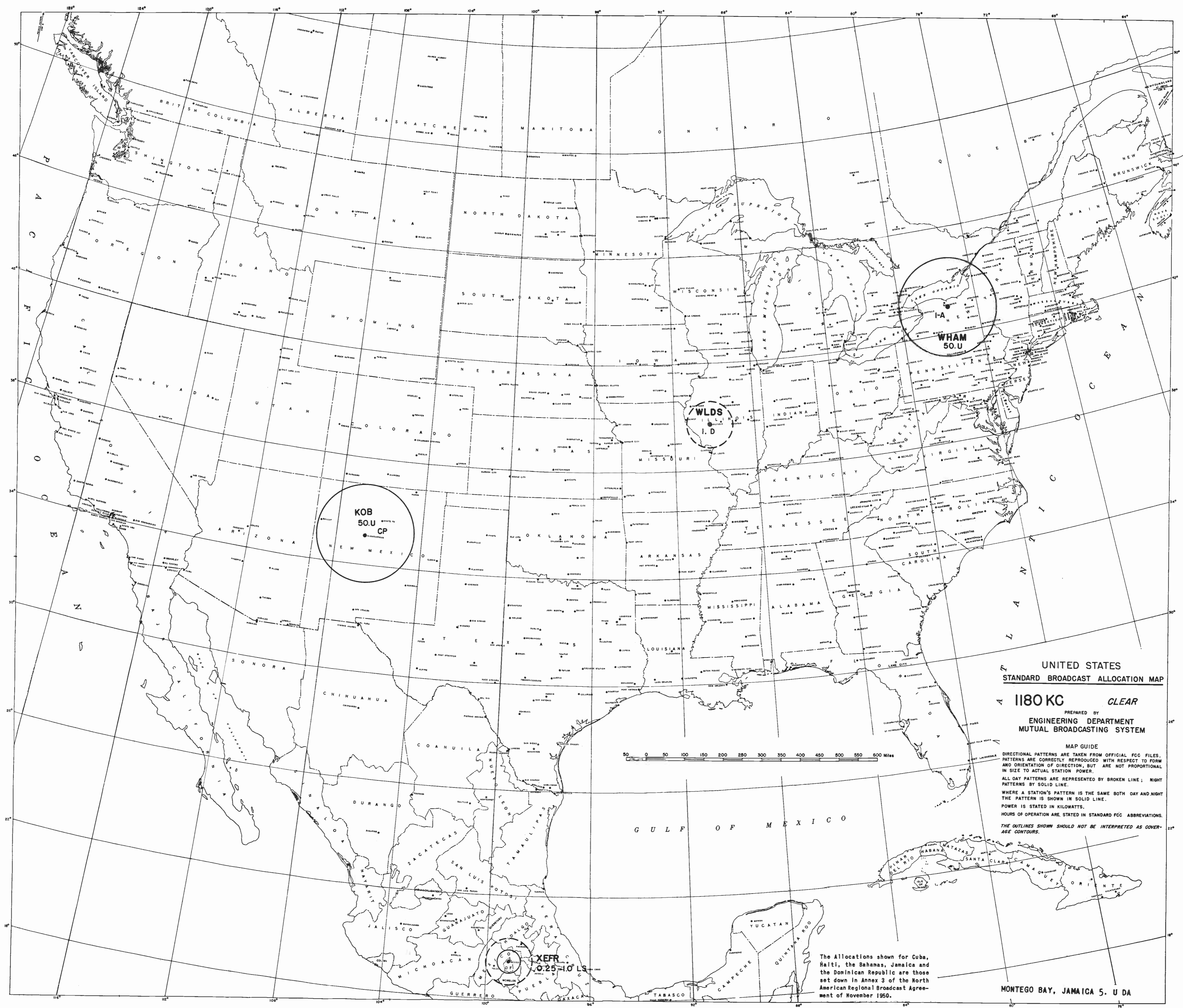
The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.



UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 A 1170 KC CLEAR  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
 DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES.  
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 HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
 THE OUTLINES SHOWN SHOULD NOT BE INTERPRETED AS COVER-  
 AGE CONTOURS.

The Allocations shown for Cuba,  
 Haiti, the Bahamas, Jamaica and  
 the Dominican Republic are those  
 set down in Annex 3 of the North  
 American Regional Broadcast Agree-  
 ment of November 1950.



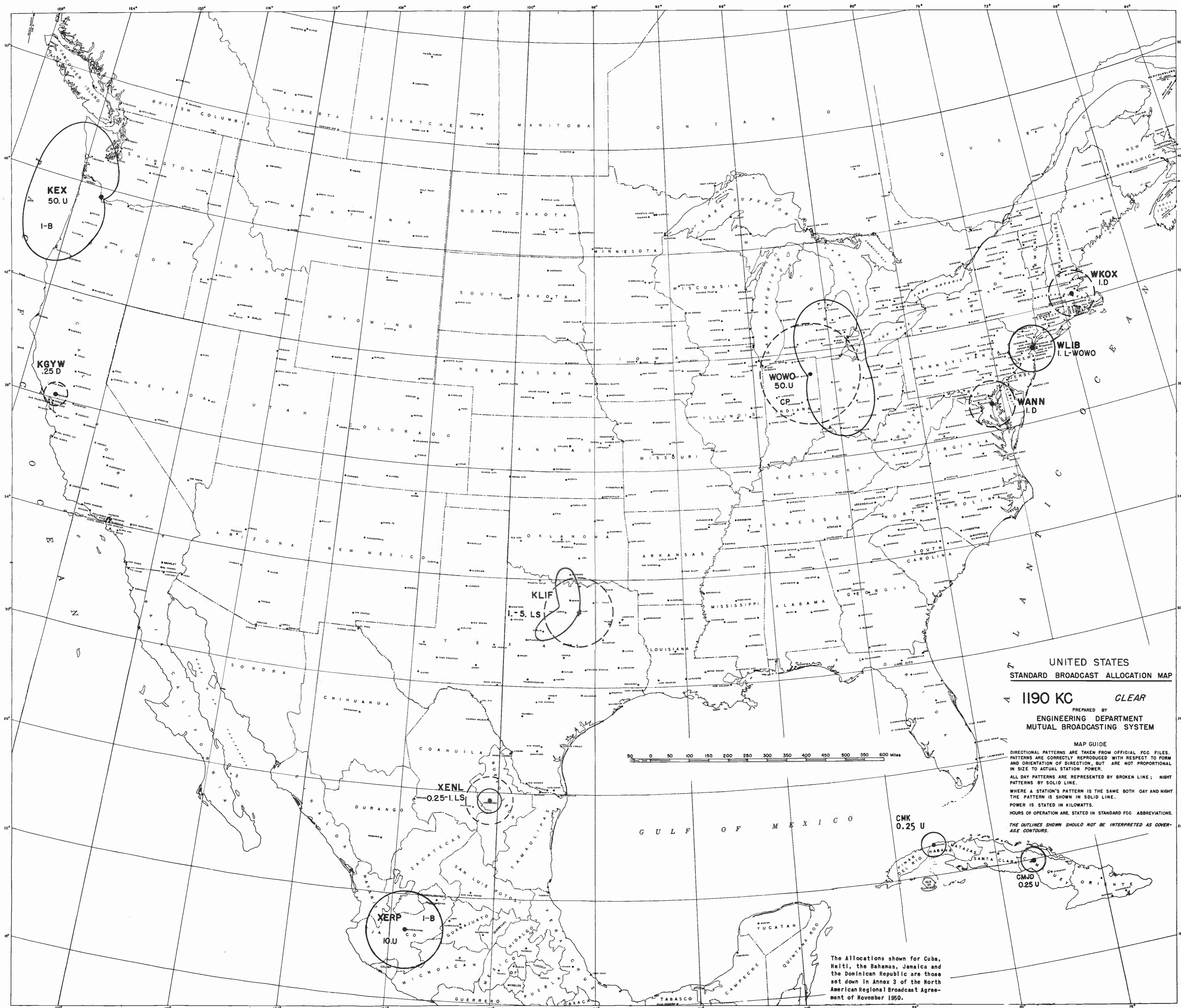
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**A 1180 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES.  
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HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
THE OUTLINES SHOWN SHOULD NOT BE INTERPRETED AS COVER-  
AGE CONTOURS.

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MONTEGO BAY, JAMAICA 5. U DA

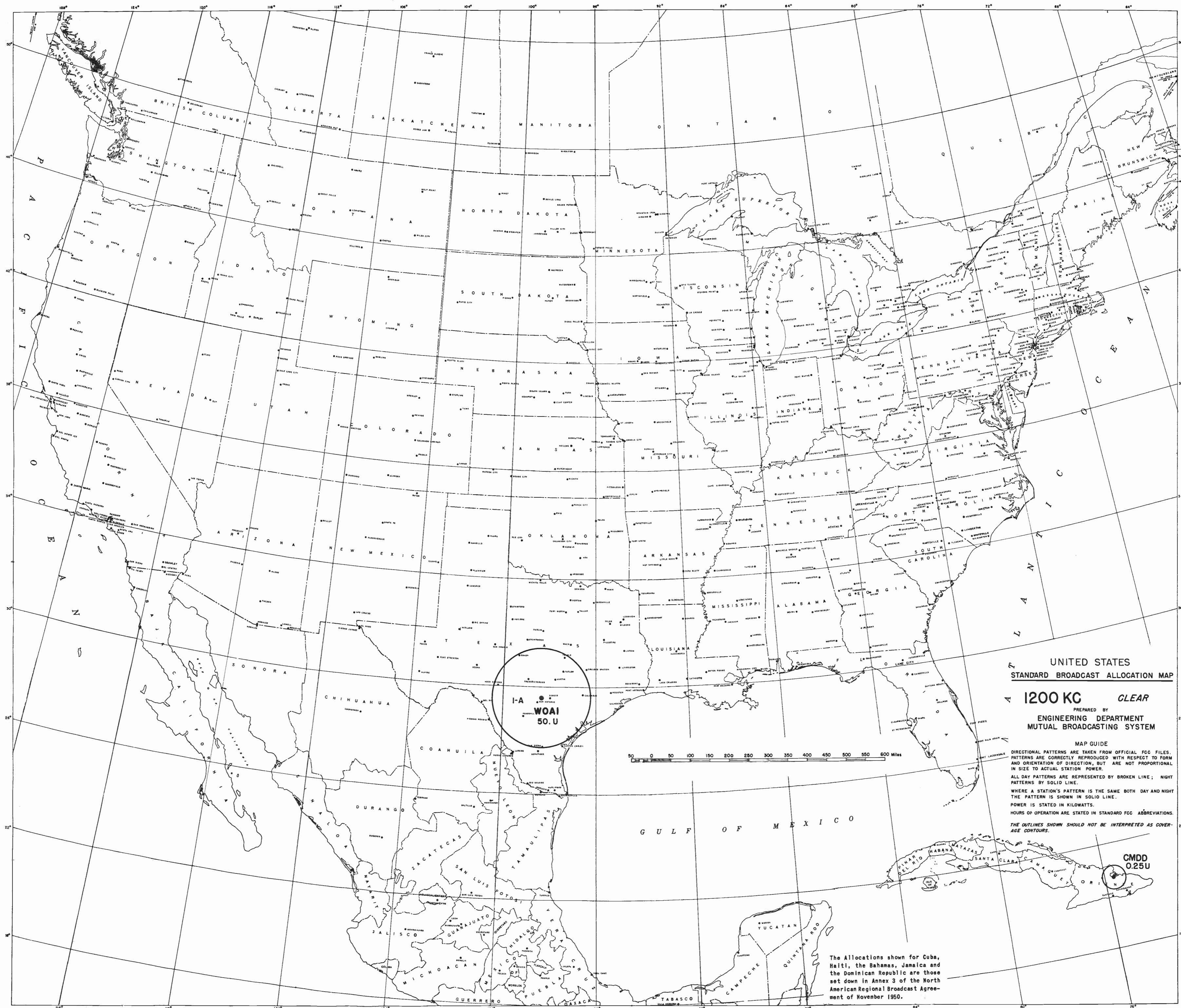


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1190 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
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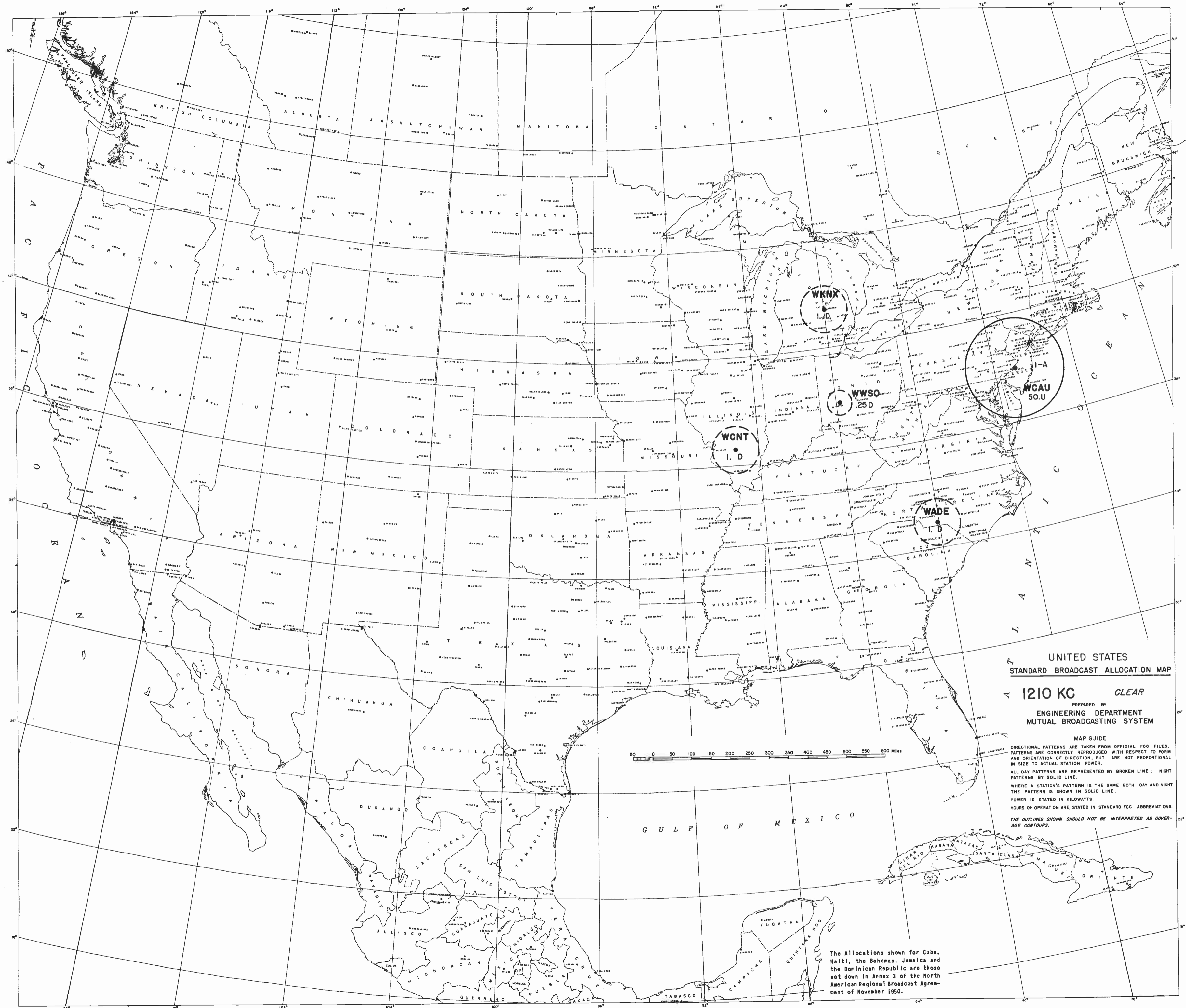


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**A 1200 KC CLEAR**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
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HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
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The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.



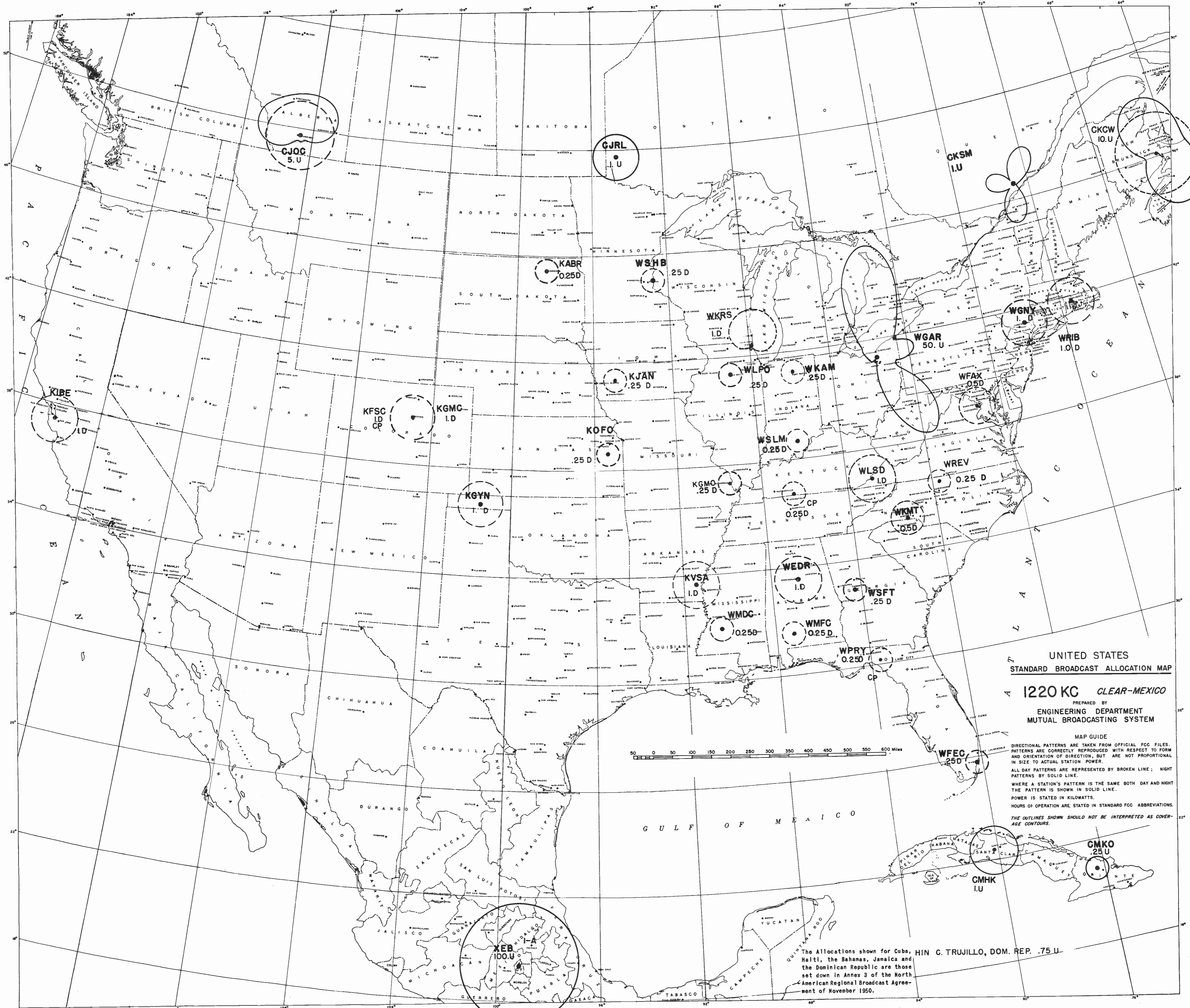
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1210 KC CLEAR  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE

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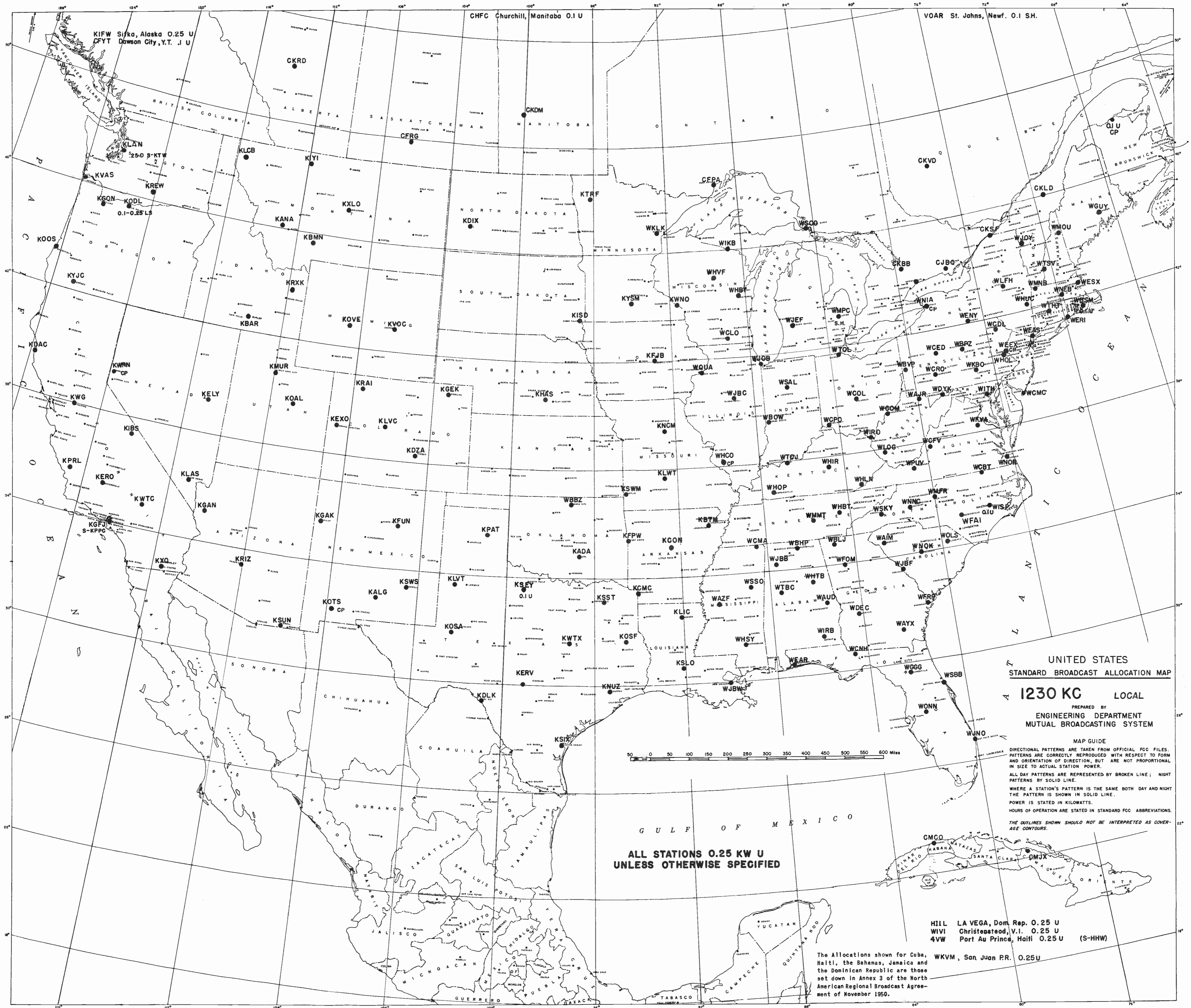


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1220 KC CLEAR-MEXICO  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
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The Allocations shown for Cuba, HIN C. TRUJILLO, DOM. REP. .75 U, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.



KIFW Sitka, Alaska 0.25 U  
 CFYT Dawson City, Y.T. 1 U

CHFC Churchill, Manitoba 0.1 U

VOAR St. Johns, Newf. O.I. SH.

**UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP**

**A 1230 KC LOCAL**  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

**MAP GUIDE**  
 DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
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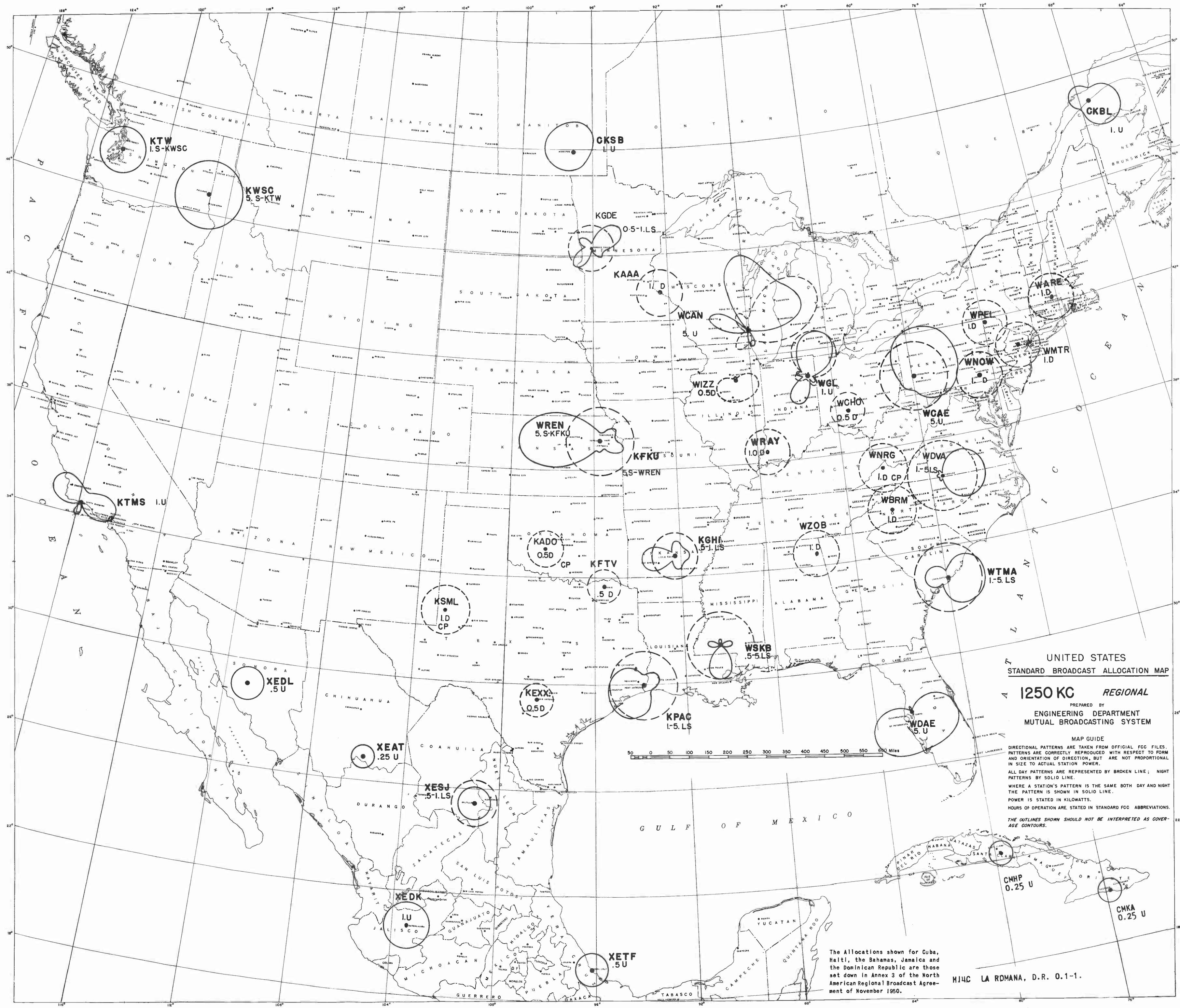
**ALL STATIONS 0.25 KW U  
 UNLESS OTHERWISE SPECIFIED**

HILL LA VEGA, Dom. Rep. 0.25 U  
 WIVI Christensted, V.I. 0.25 U  
 4WV Port Au Prince, Haiti 0.25 U (S-HHW)

WKVM, San Juan P.R. 0.25 U  
 The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.



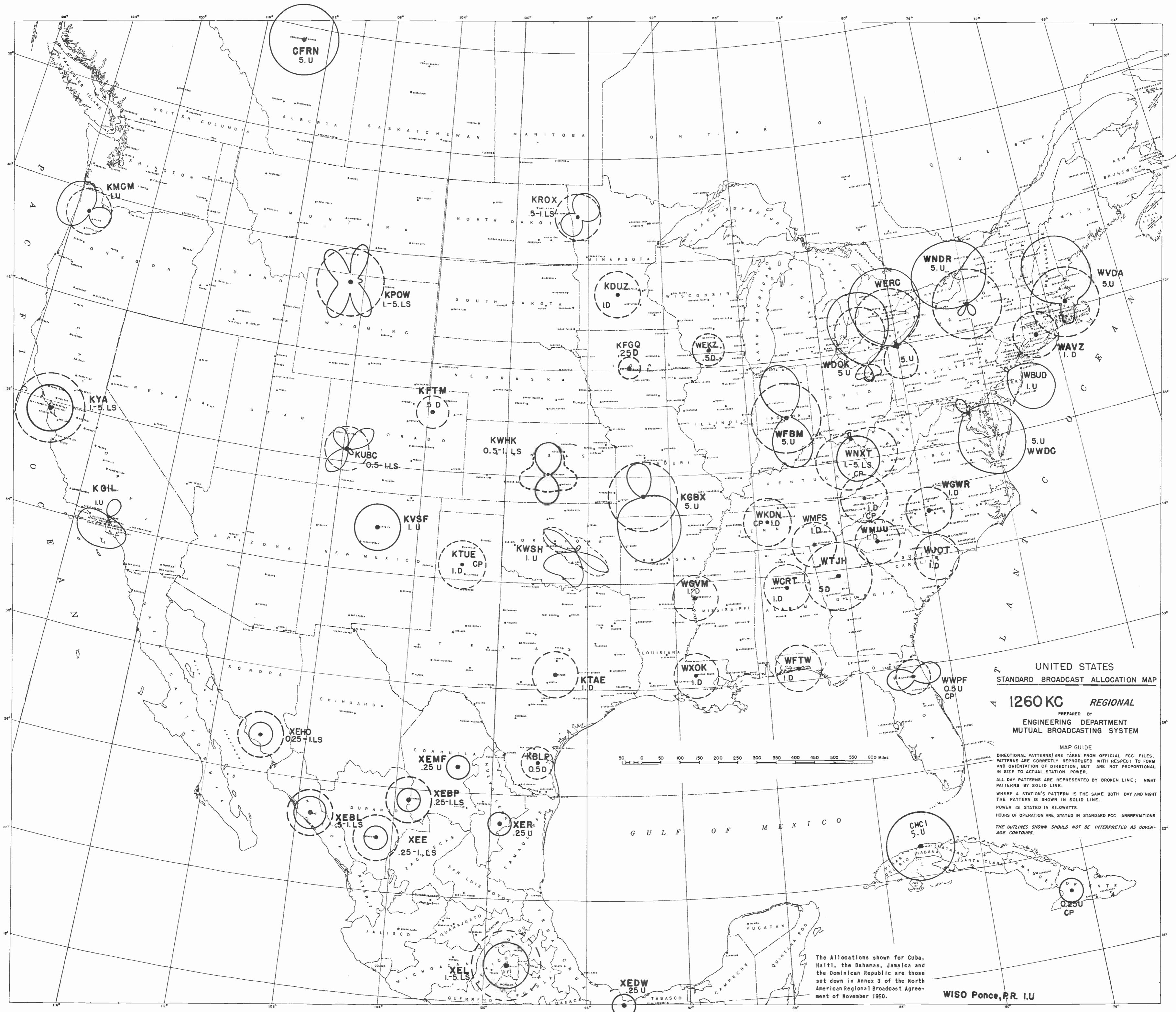




UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP  
1250 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
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MIJC LA ROMANA, D.R. 0.1-1.

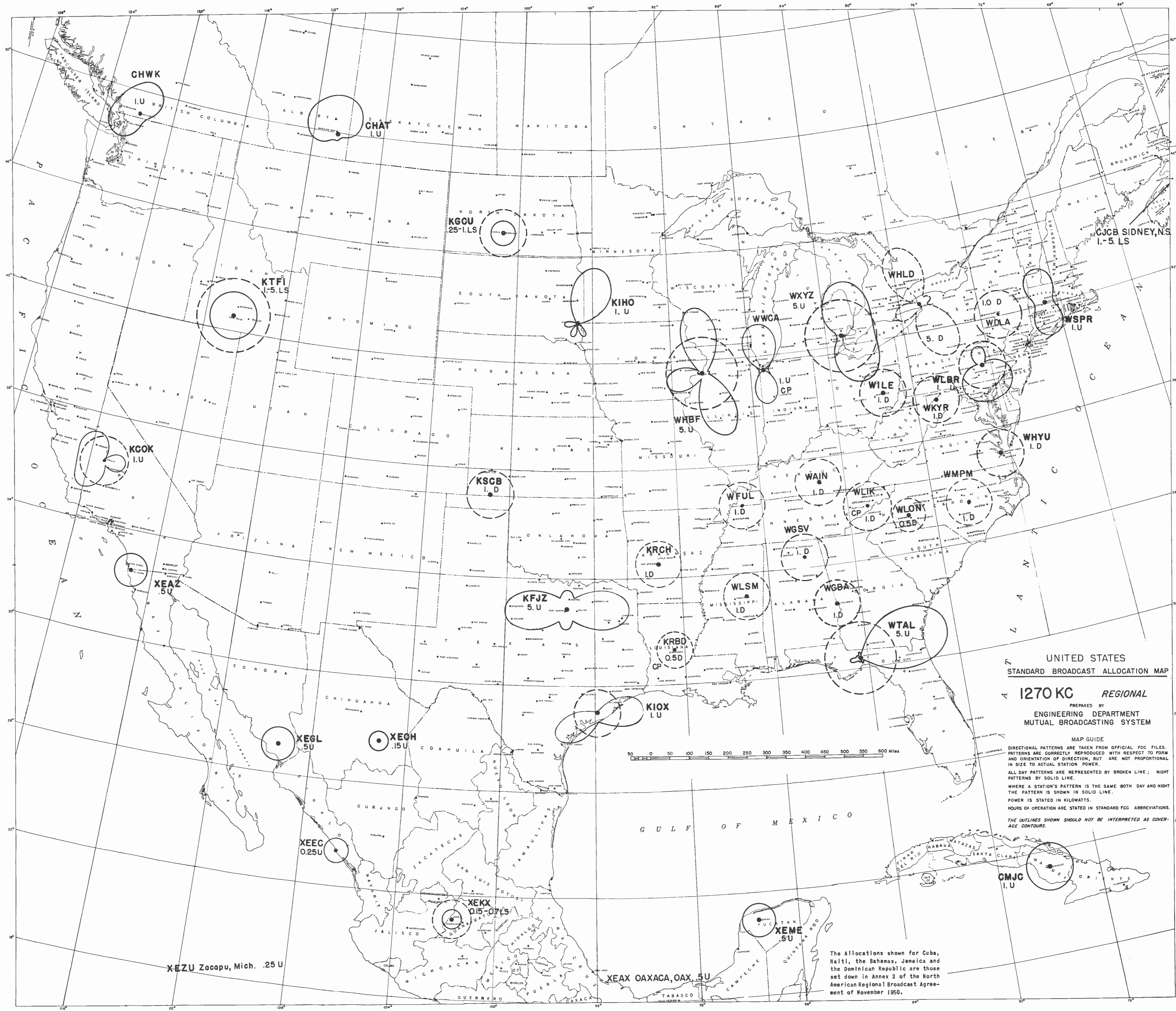


UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 1260 KC REGIONAL  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
 DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
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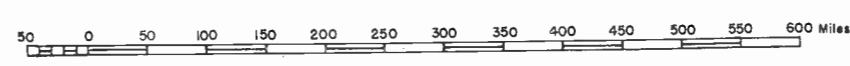
WISO Ponce, P.R. I.U



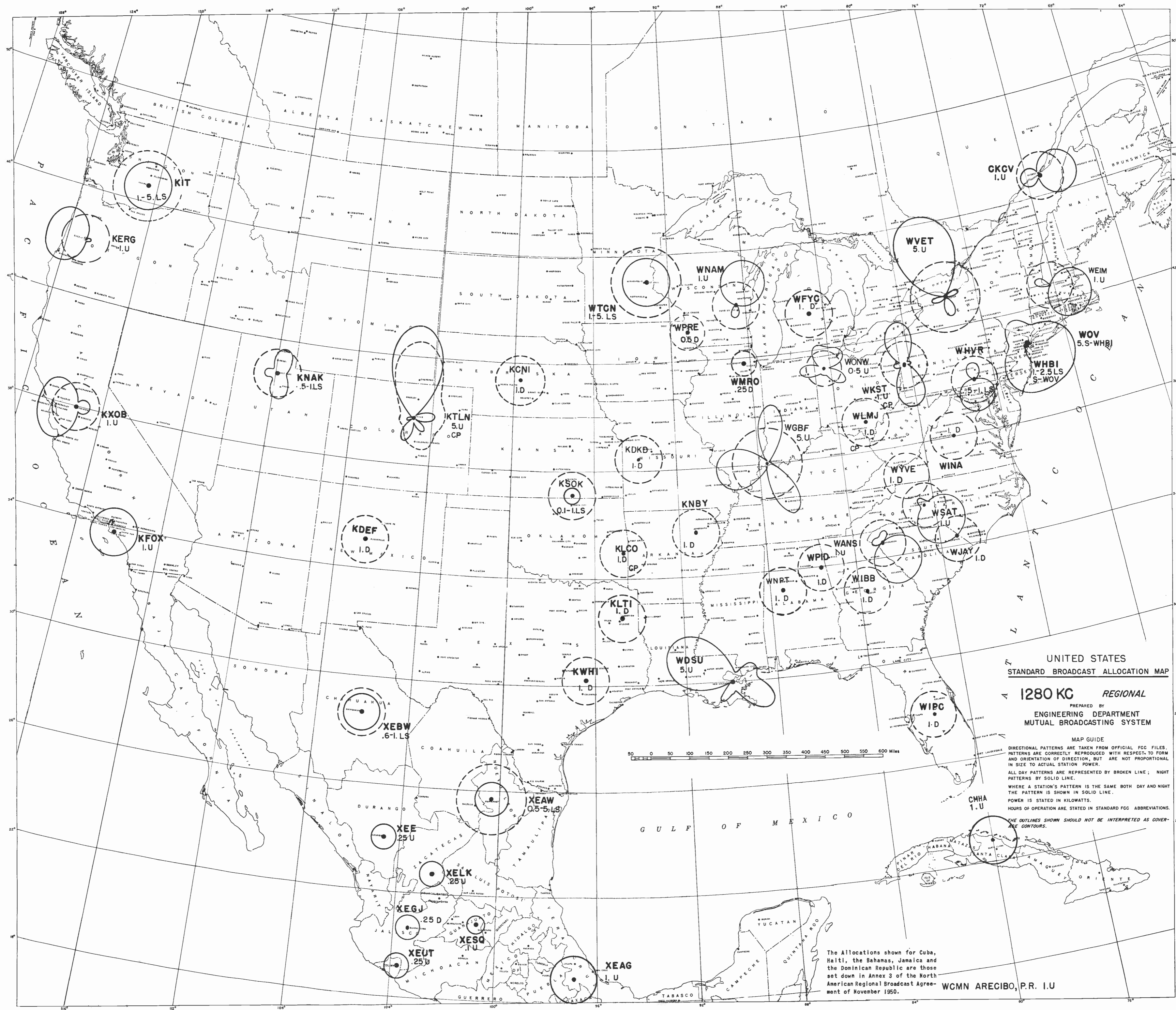
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1270 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
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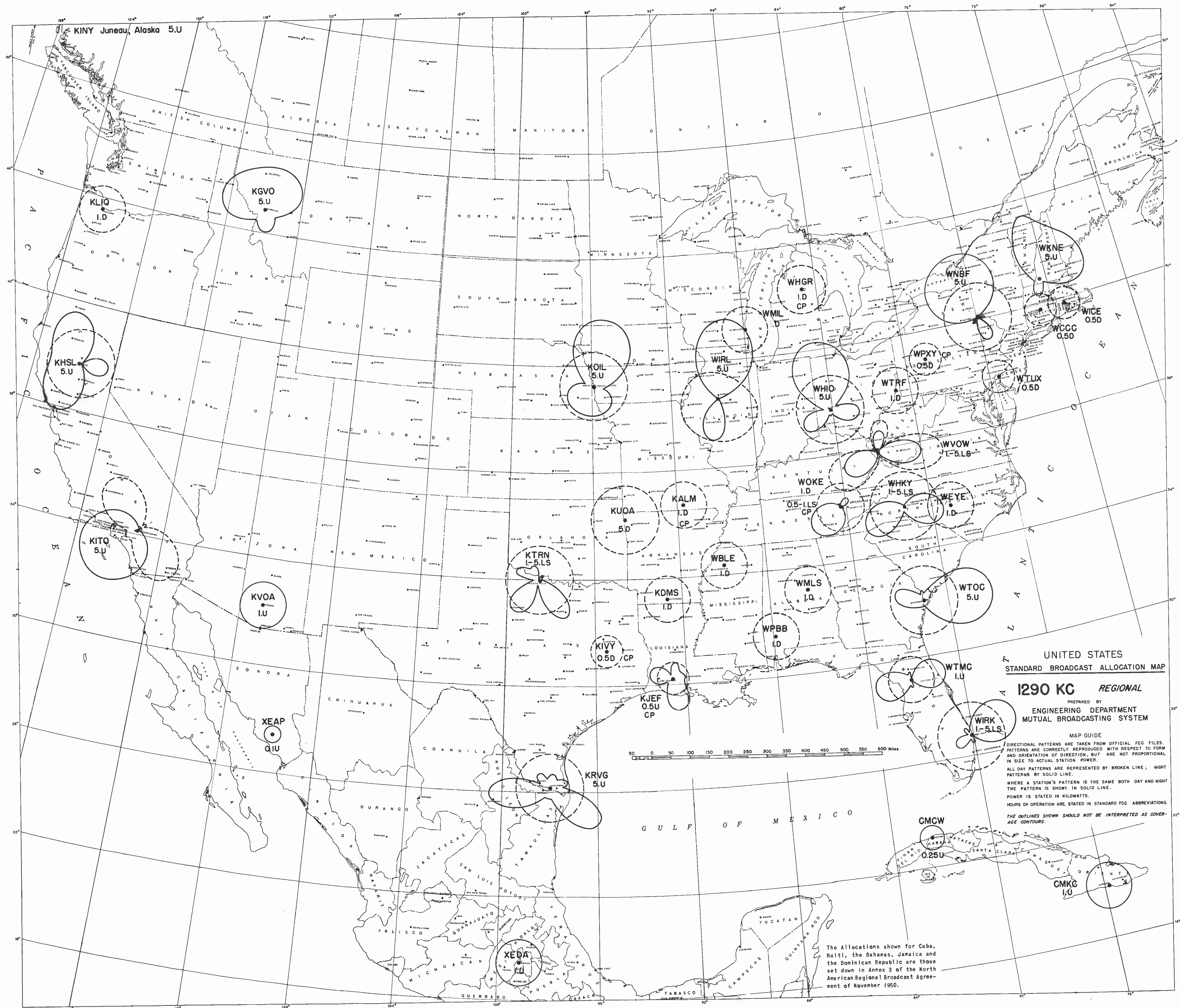


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1280 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
ALL DAY PATTERNS ARE REPRESENTED BY SOLID LINE; NIGHT PATTERNS BY DASHED LINE.  
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WCMN ARECIBO, P.R. 1.U

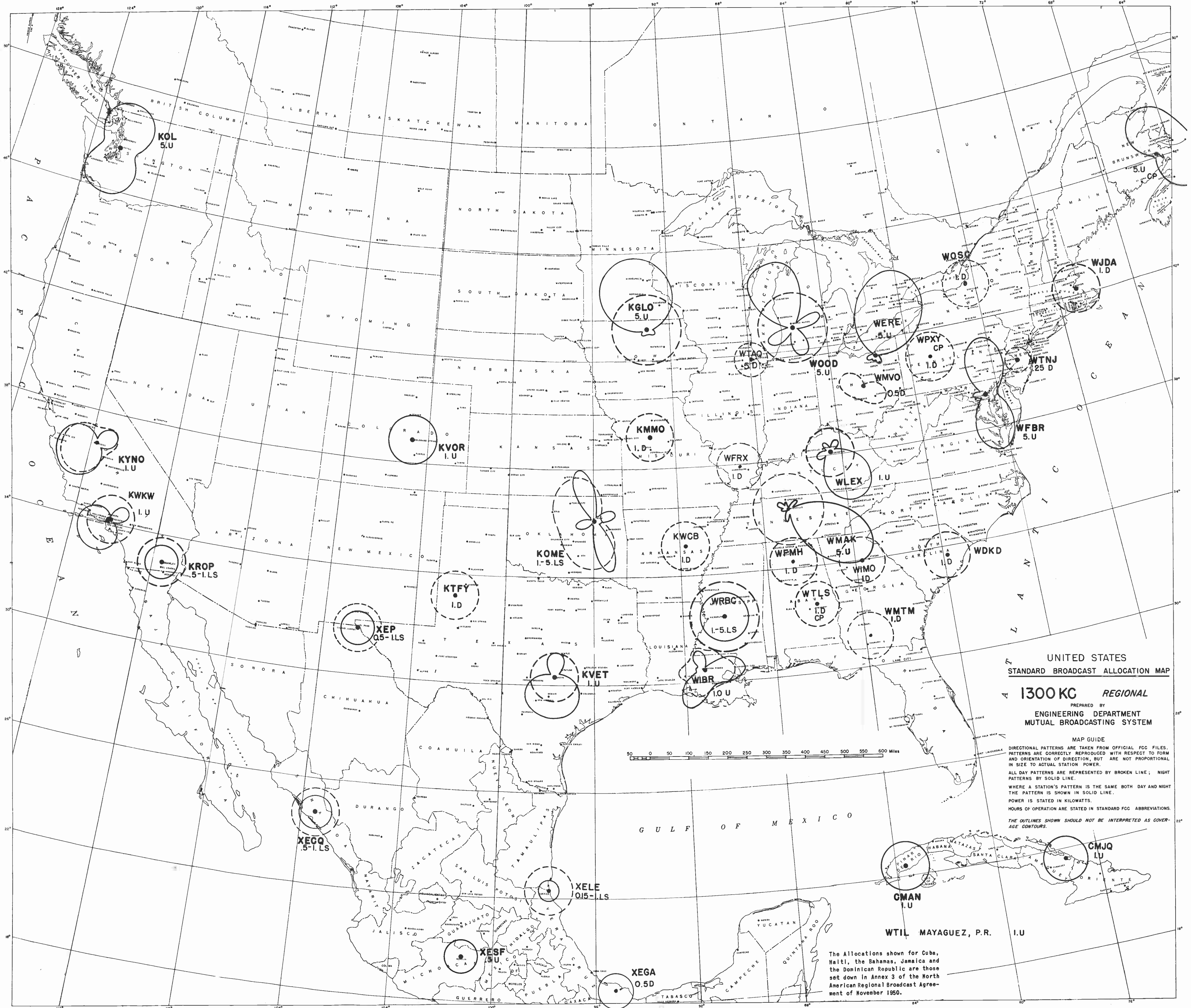


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1290 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
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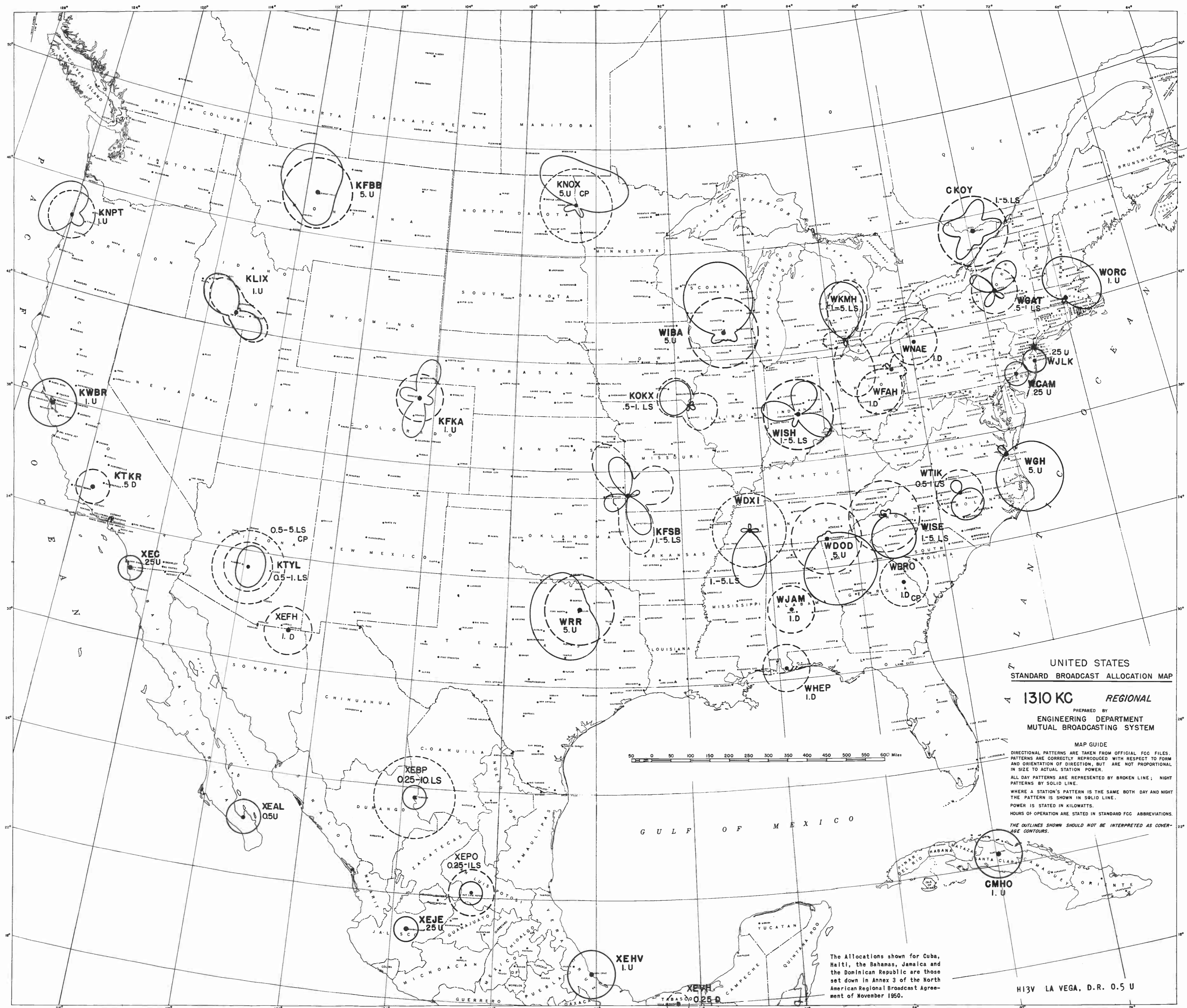


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1300 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
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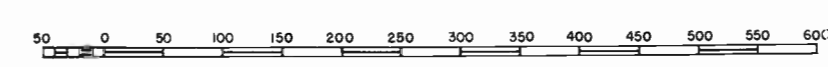
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1310 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

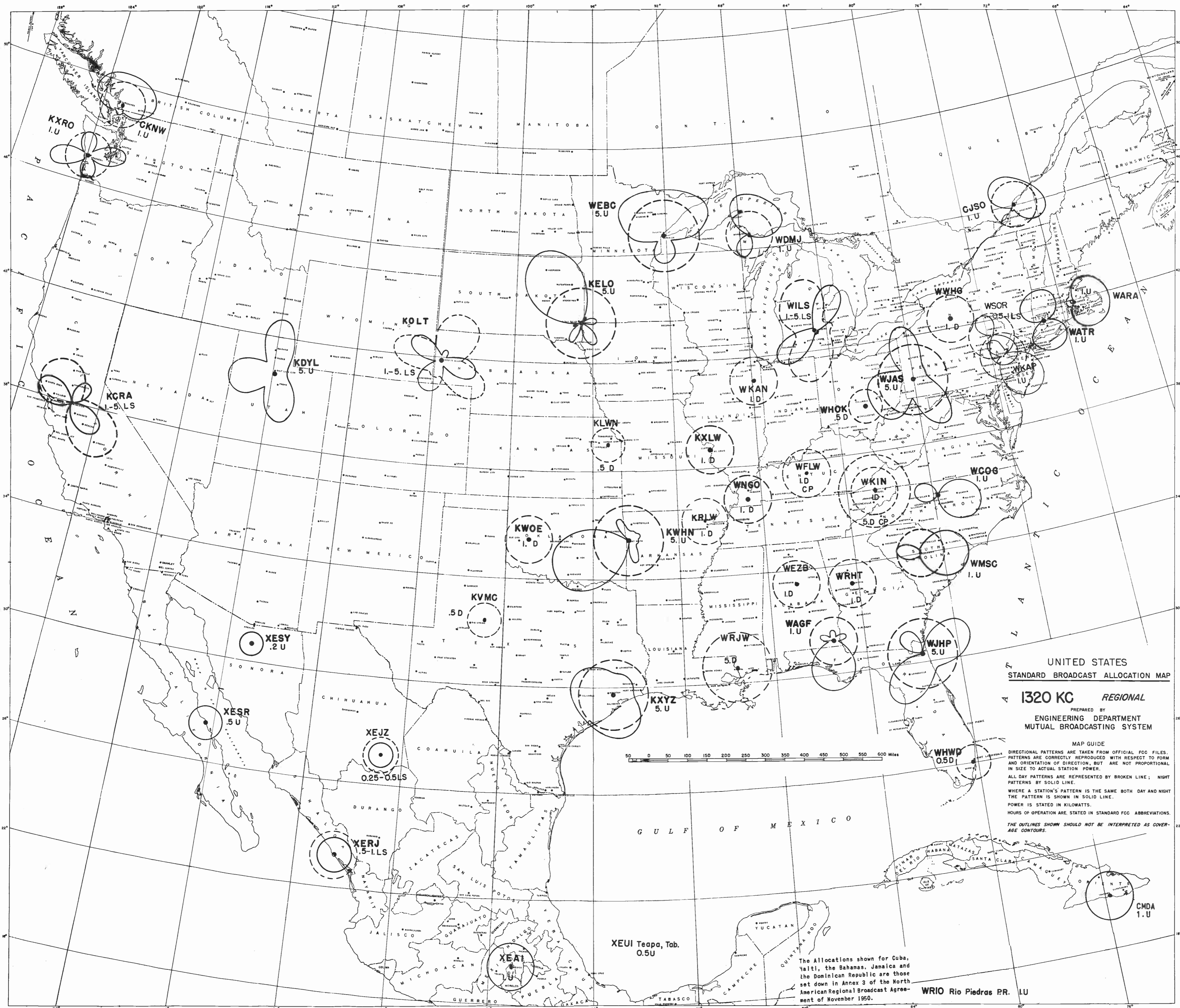
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H13V LA VEGA, D.R. 0.5 U

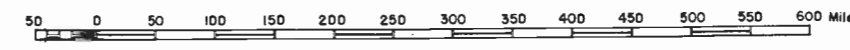




UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1320 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

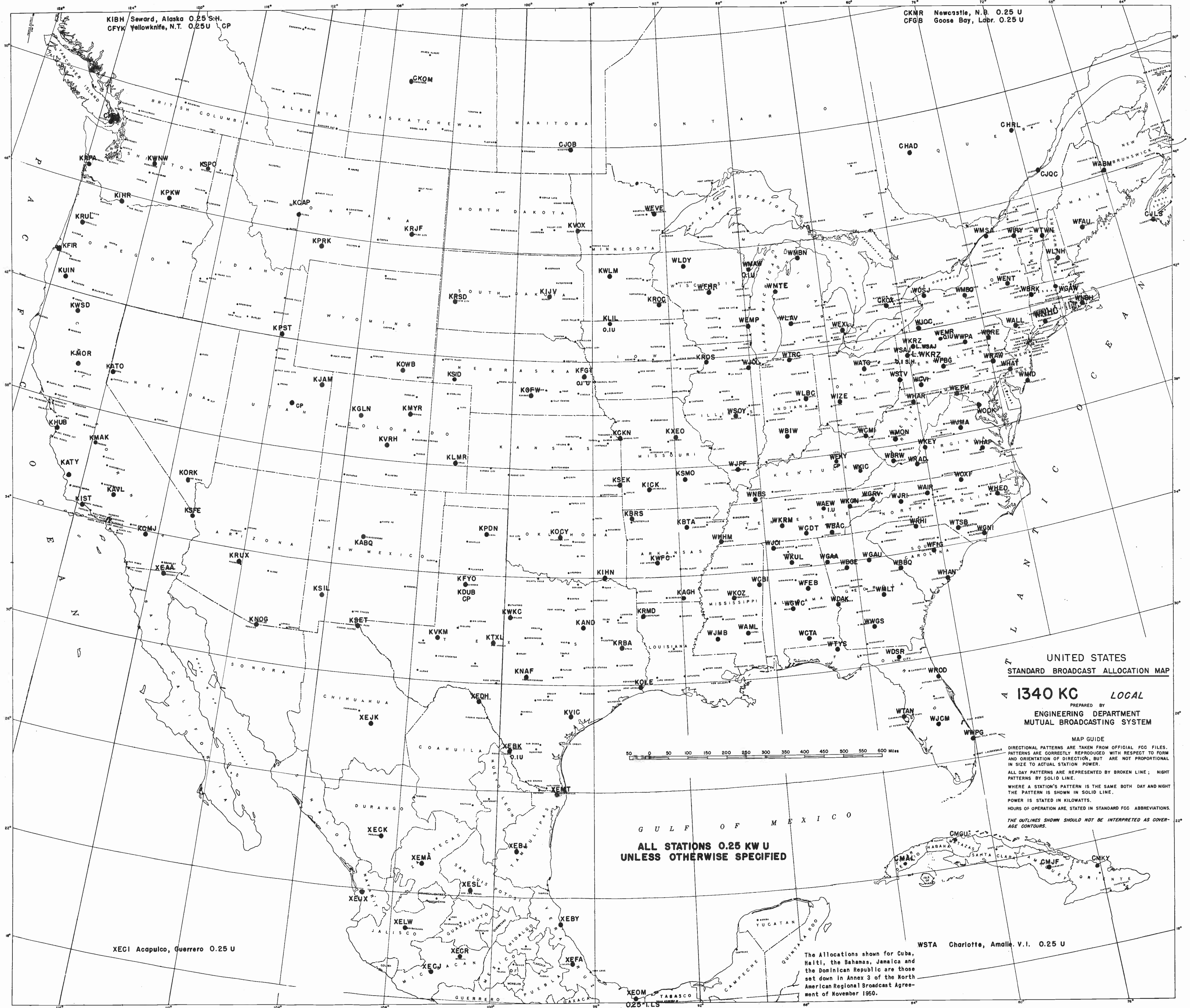
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WRIO Rio Piedras PR. I.U





UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1340 KC LOCAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

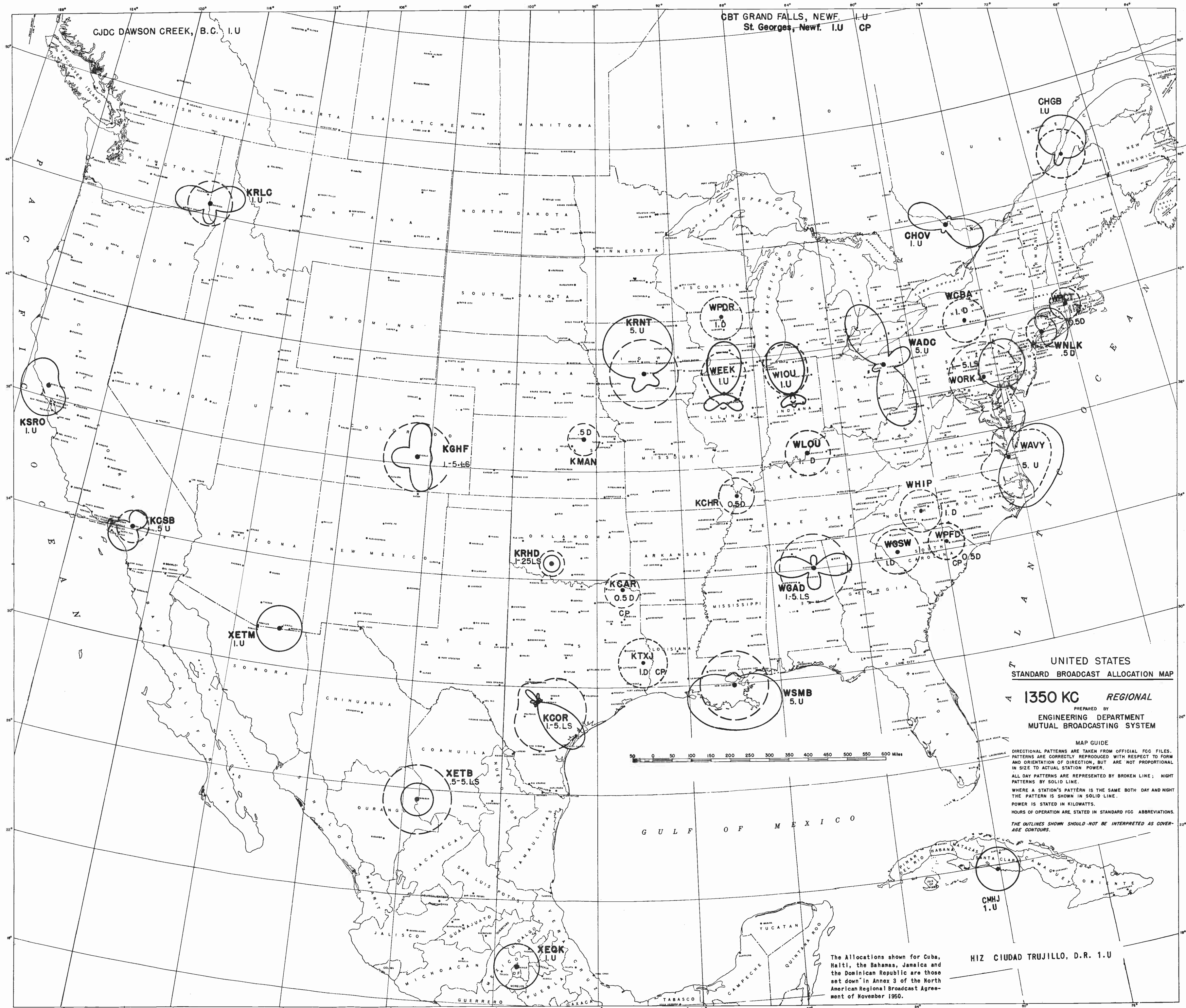
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ALL STATIONS 0.25 KW U  
UNLESS OTHERWISE SPECIFIED

XECI Acapulco, Guerrero 0.25 U

WSTA Charlotte, Amalie, V.I. 0.25 U

The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.



CBT GRAND FALLS, NEWF. I.U  
St. Georges, Newf. I.U CP

CJDC DAWSON CREEK, B.C. I.U

CHGB I.U

KRLC I.U

CHOV I.U

KSRO I.U

KRNT 5.U

WPDR 1.D

WCBA 1.D

WVBT 5.D

KCSB 5.U

KGHF 1-5.LS

KMAN 5.D

WIOU I.U

WADC 5.U

WVBT 5.D

XETM I.U

KRHD 1-25.LS

KCHR 0.5D

WHIP 1.D

WAVY 5.U

XETB 5-5.LS

KGAR 0.5D CP

WGAD 1-5.LS

WGSW 1.D

WPFJ 0.5D CP

KTXJ 1.D CP

WSMB 5.U

KCOR 1-5.LS

CMHJ 1.U

XEQK I.U

HIZ CIUDAD TRUJILLO, D.R. 1.U

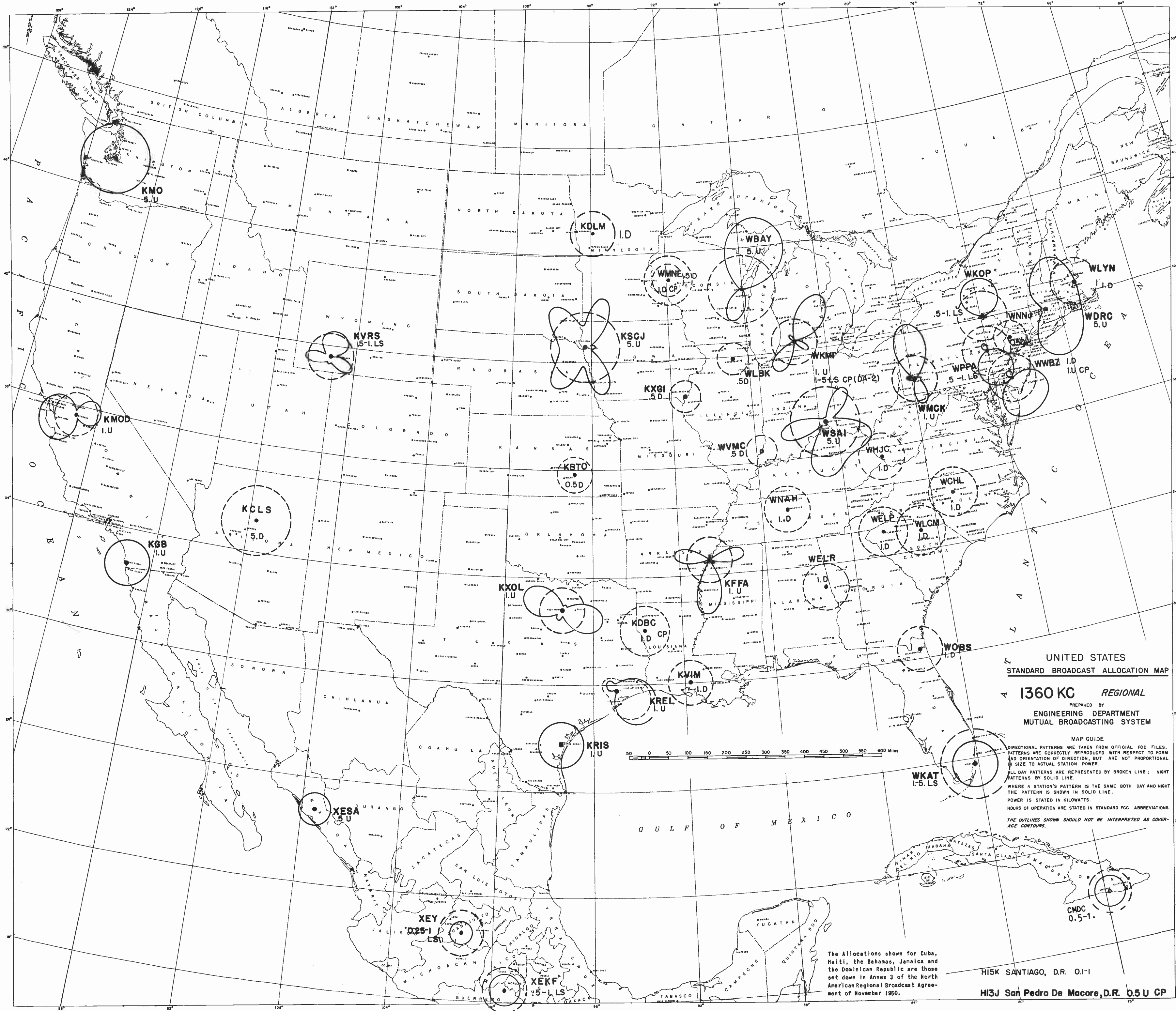
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1350 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE

DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER. ALL DAY PATTERNS ARE REPRESENTED BY BROKEN LINE; NIGHT PATTERNS BY SOLID LINE. WHERE A STATION'S PATTERN IS THE SAME BOTH DAY AND NIGHT THE PATTERN IS SHOWN IN SOLID LINE. POWER IS STATED IN KILOWATTS. HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS. THE OUTLINES SHOWN SHOULD NOT BE INTERPRETED AS COVERAGE CONTOURS.

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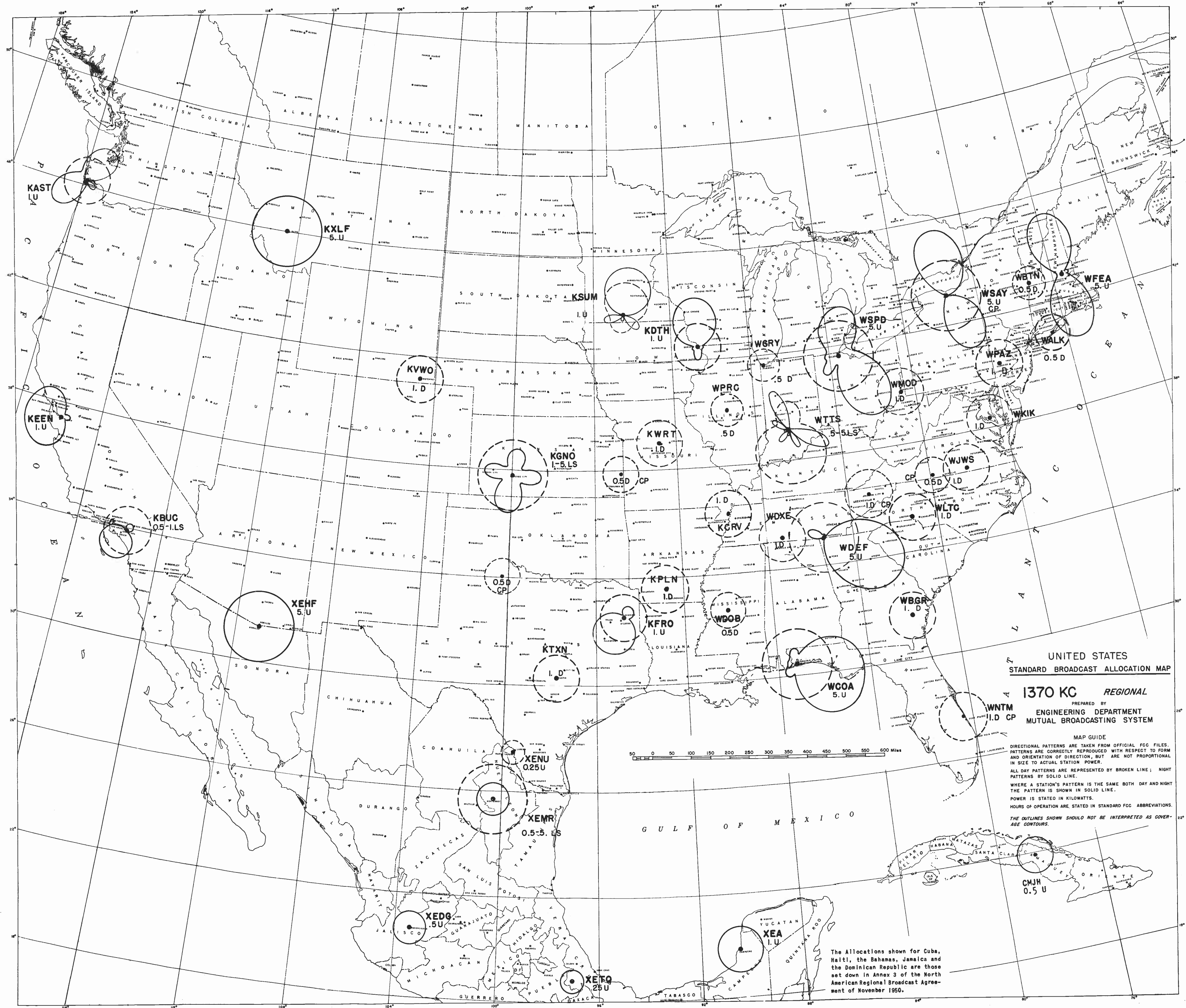
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1360 KC REGIONAL  
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ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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H15K SANTIAGO, D.R. 0.1-I  
H13J San Pedro De Macore, D.R. 0.5 U CP

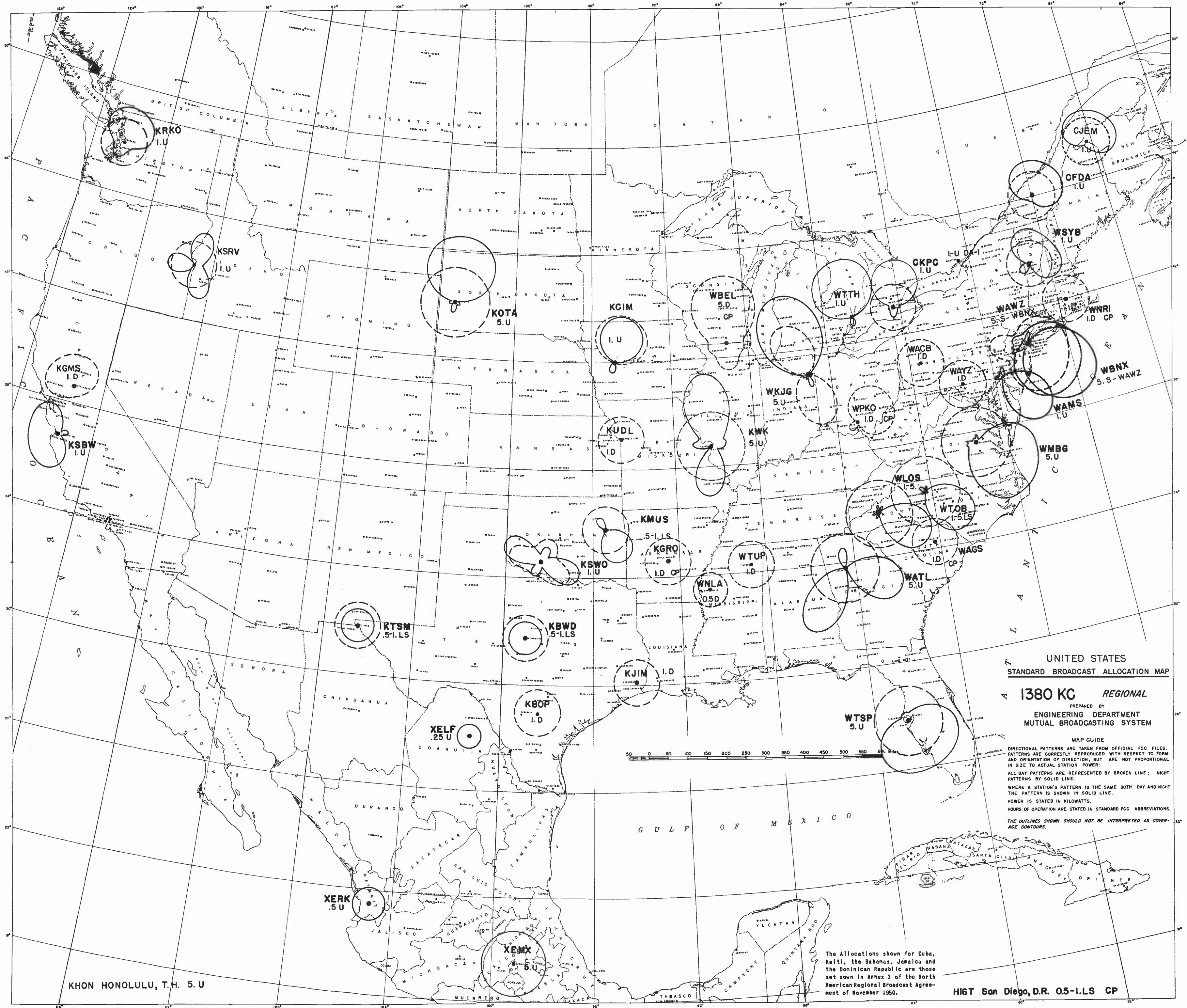


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1370 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

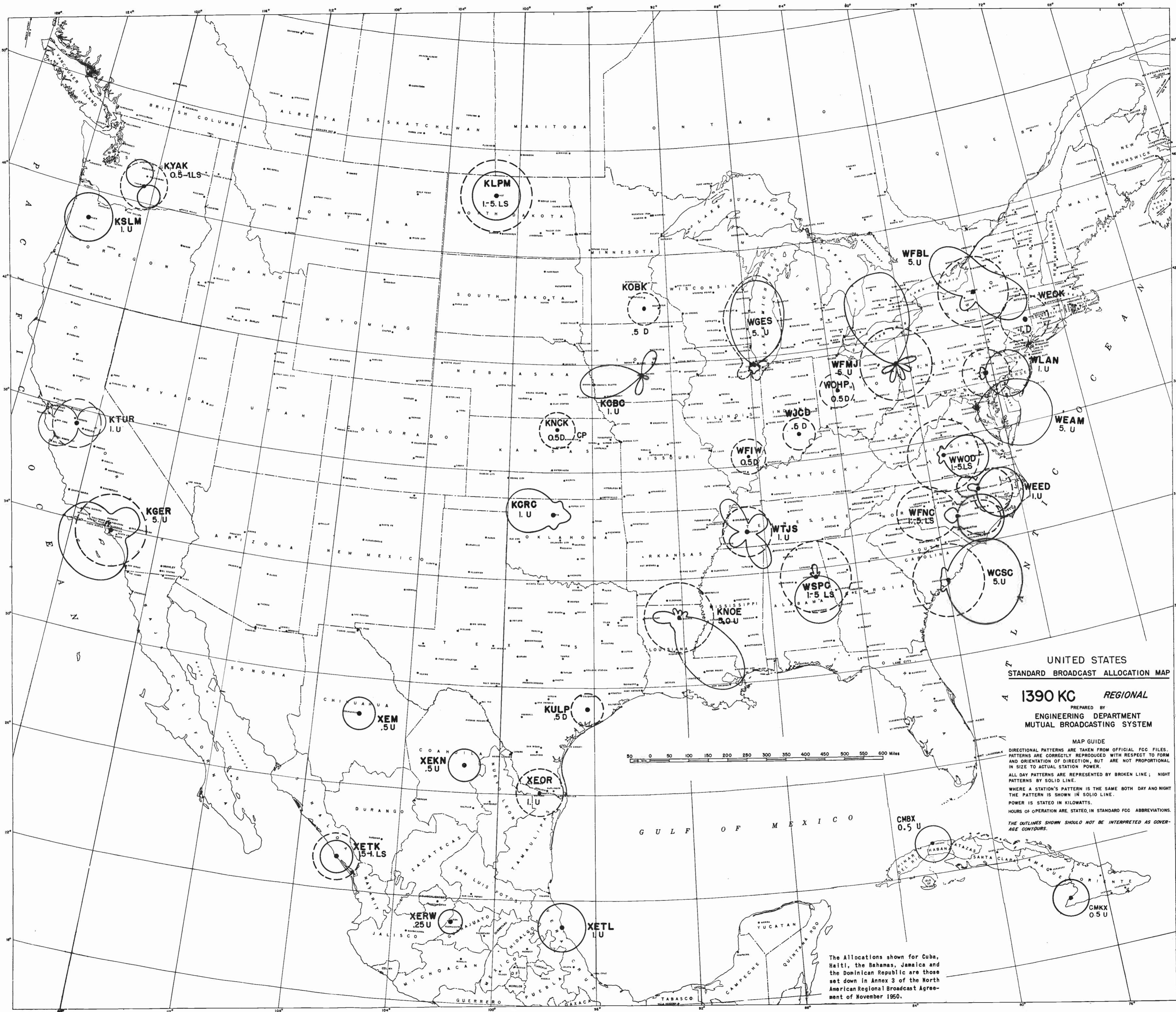
**1380 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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H16T San Diego, D.R. 0.5-1.LS CP

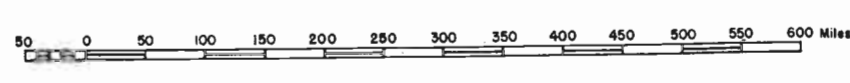
KHON HONOLULU, T.H. 5.U



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1390 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

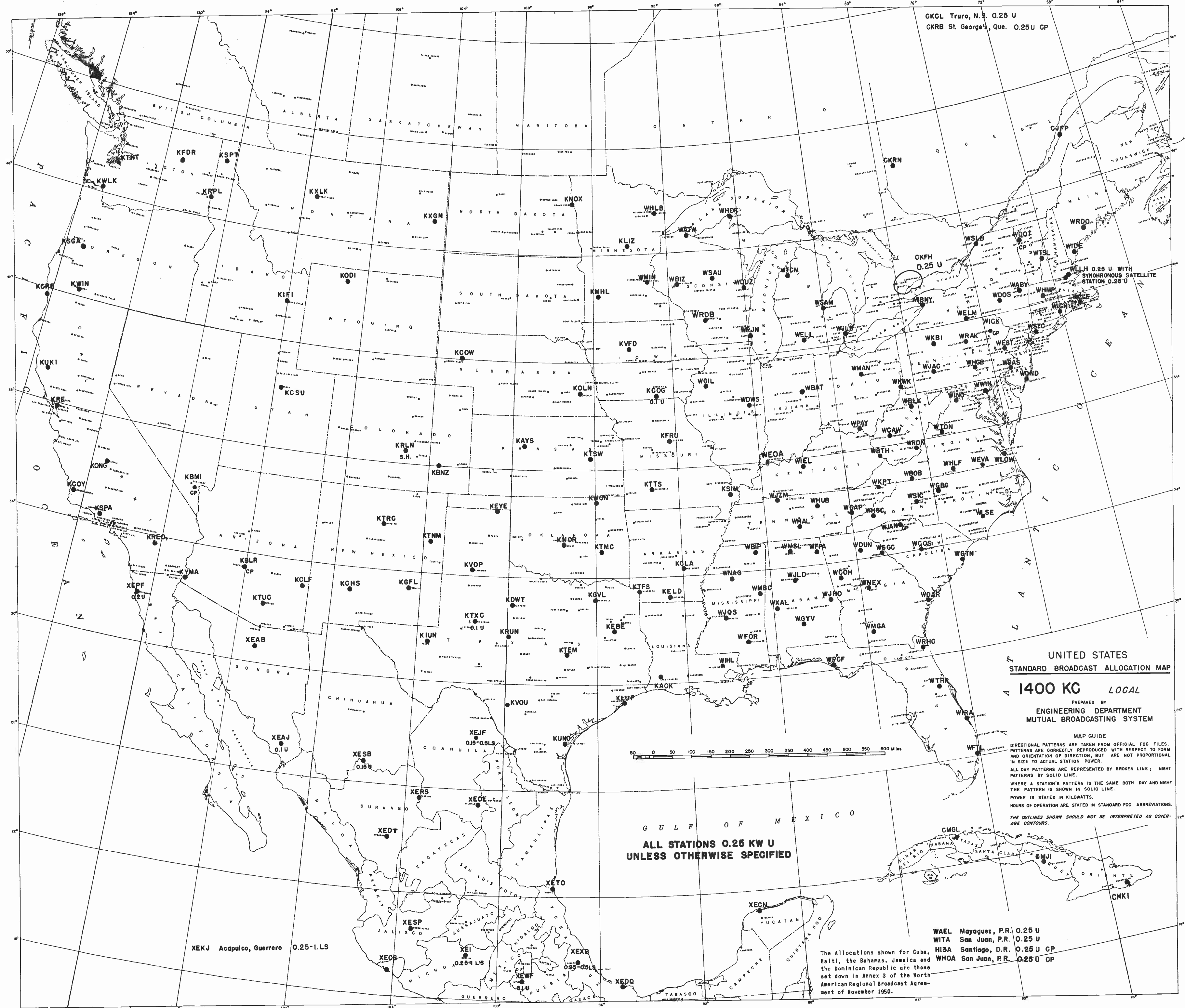
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CKGL Truro, N.S. 0.25 U  
CKRB St. George's, Que. 0.25 U CP



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1400 KC LOCAL

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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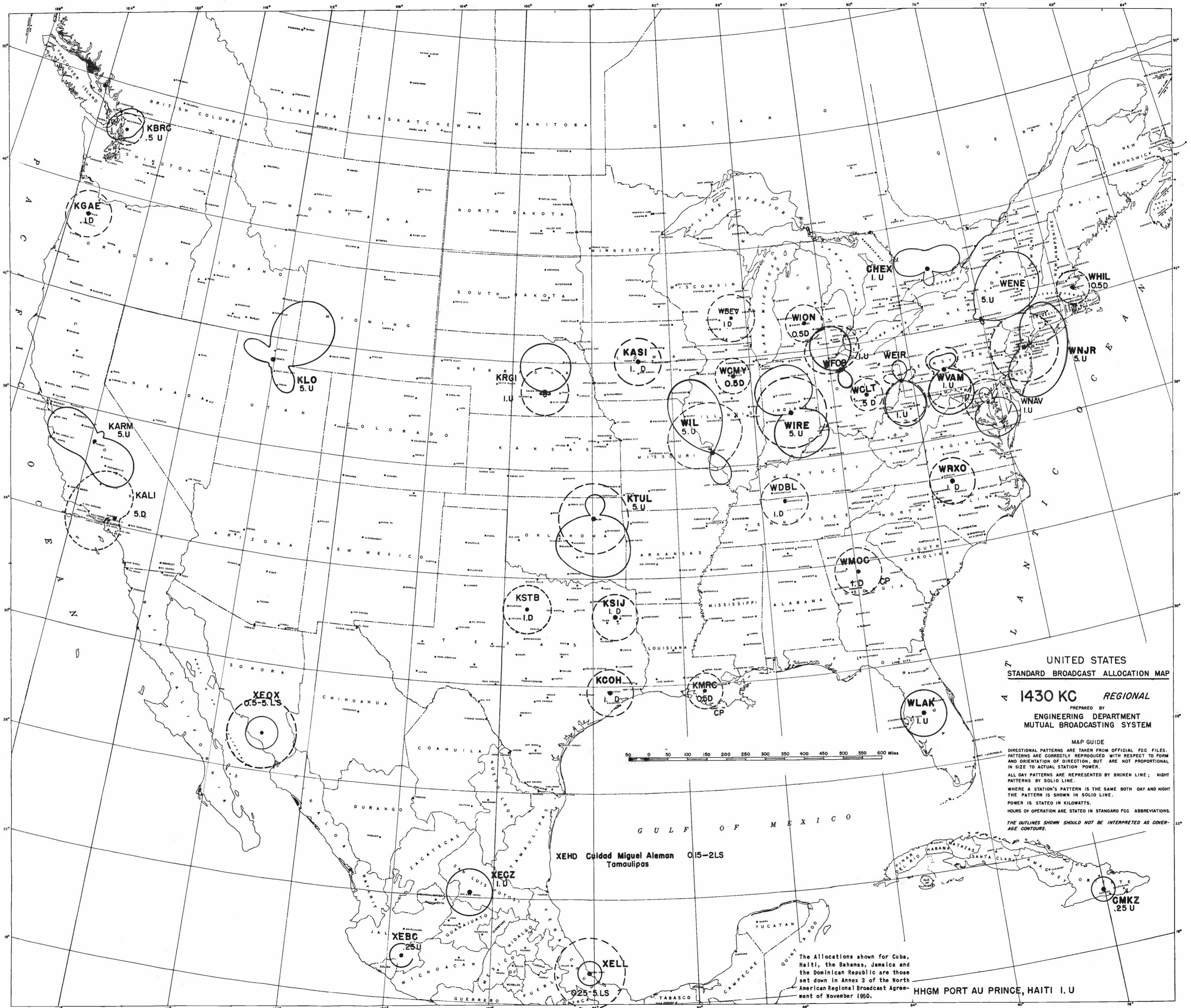
GULF OF MEXICO  
ALL STATIONS 0.25 KW U  
UNLESS OTHERWISE SPECIFIED

WAEI Mayaguez, P.R. 0.25 U  
WITA San Juan, P.R. 0.25 U  
HISA Santiago, D.R. 0.25 U CP  
WHOA San Juan, P.R. 0.25 U CP

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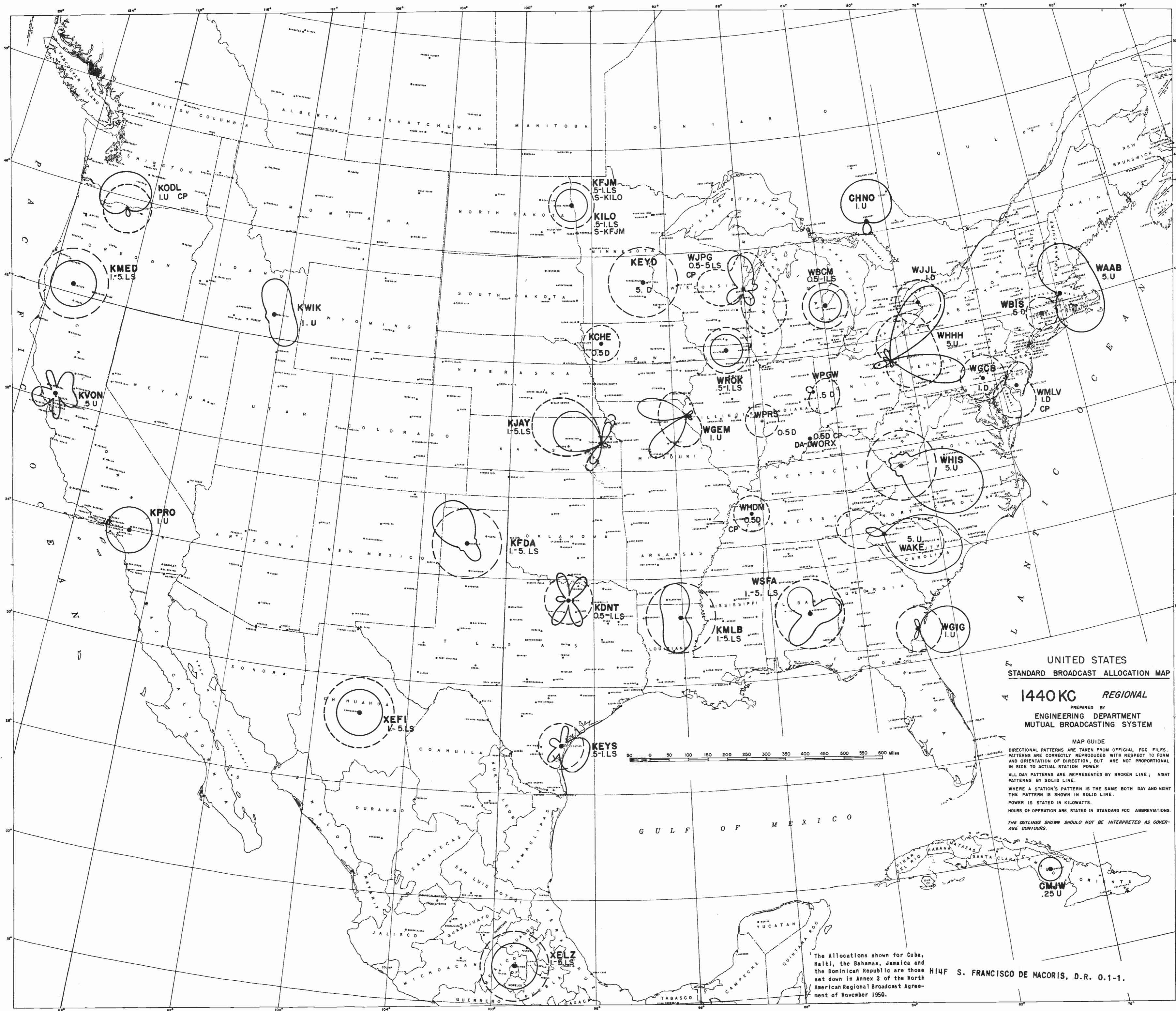
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1430 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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ment of November 1950.

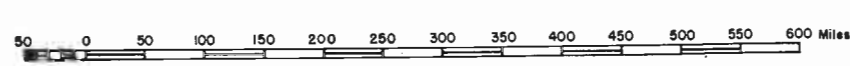
HHGM PORT AU PRINCE, HAITI 1.U



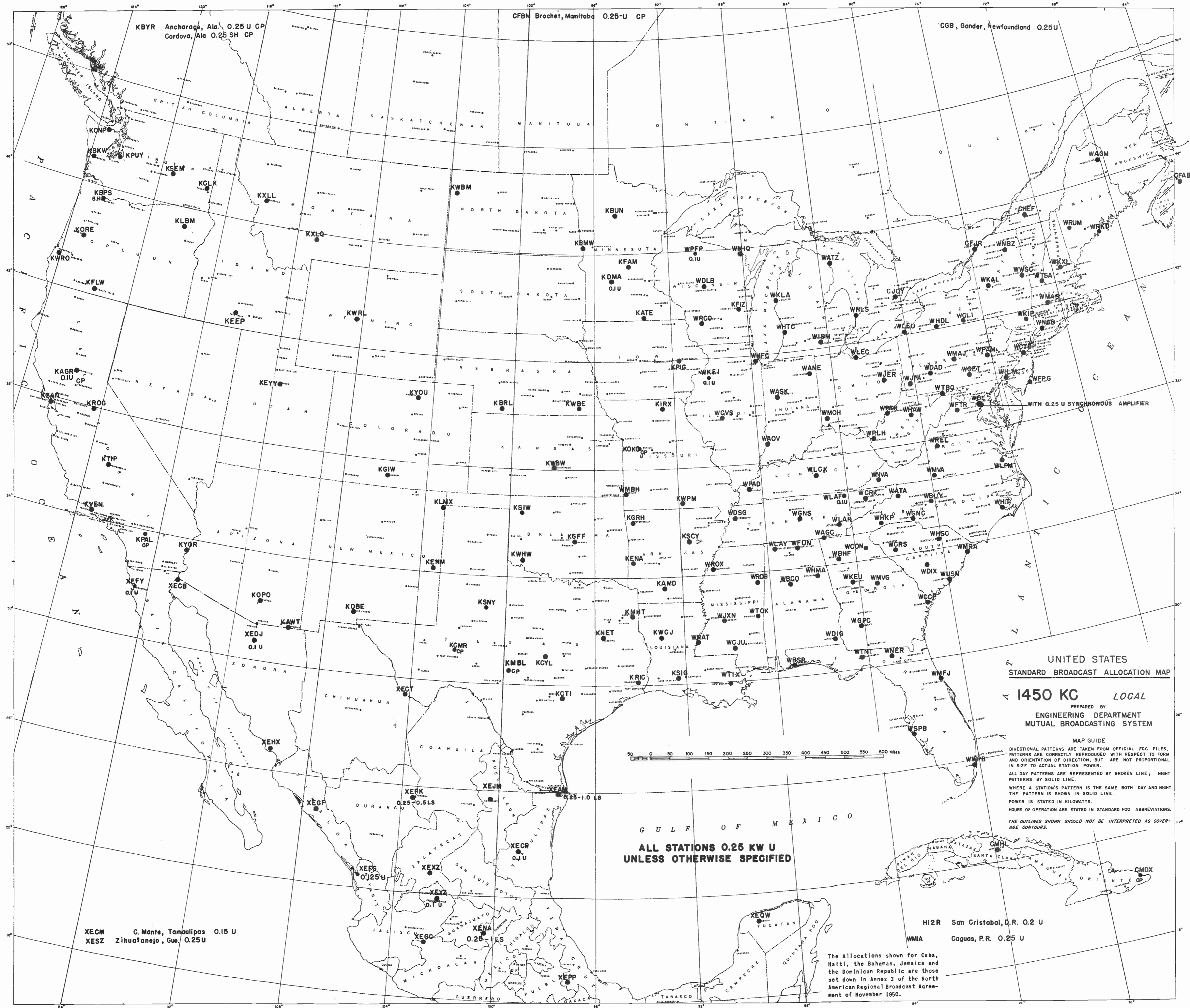
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1440 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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S. FRANCISCO DE MACORIS, D.R. 0.1-1.



KBYR Anchorage, Ala. 0.25 U CP  
 Cordova, Ala 0.25 SH CP

CFBM Brochet, Manitoba 0.25-U CP

CGB, Gander, Newfoundland 0.25U

UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP

1450 KC LOCAL

PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

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 AGE CONTOURS.

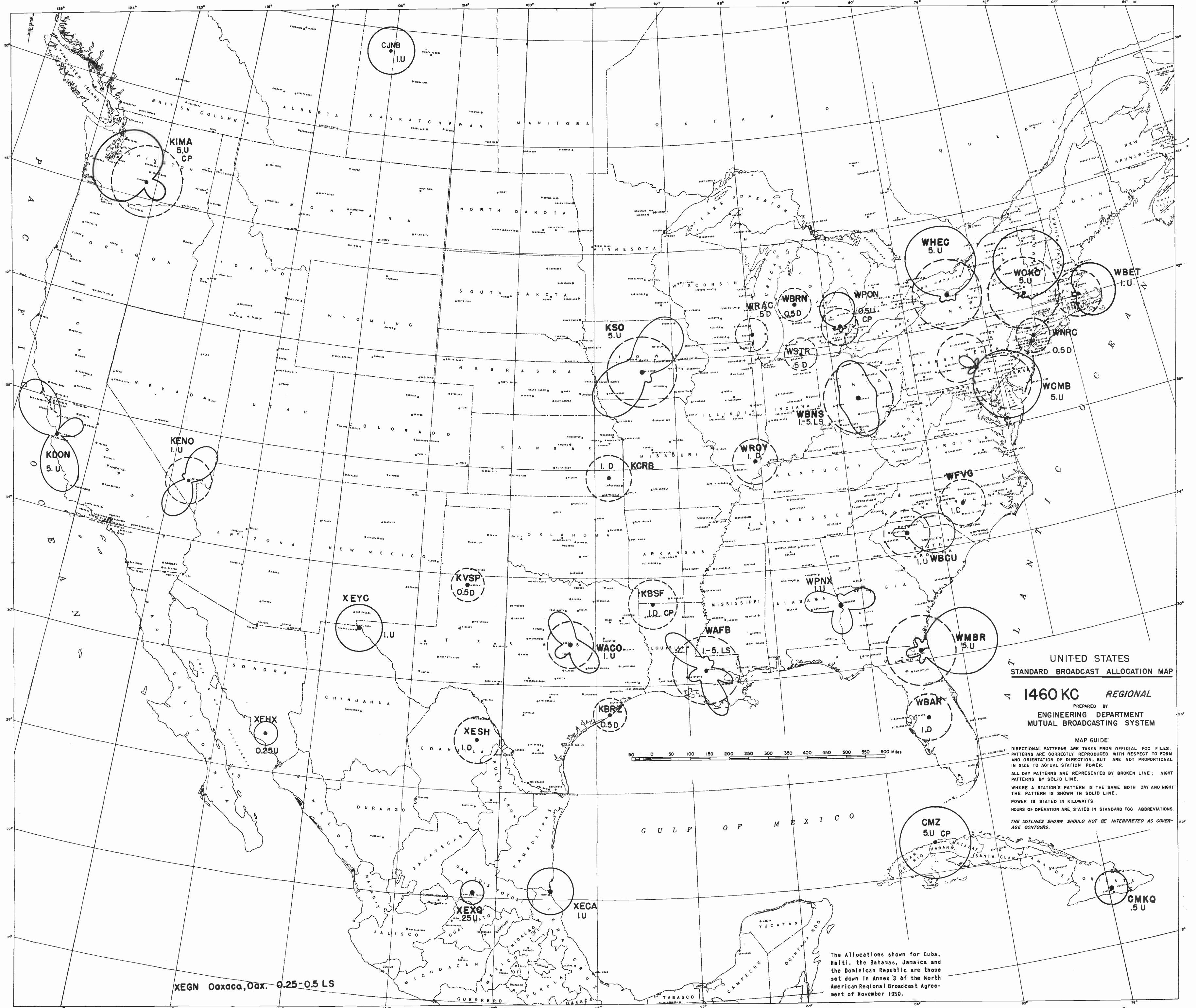
0 50 100 150 200 250 300 350 400 450 500 550 600 Miles

ALL STATIONS 0.25 KW U  
 UNLESS OTHERWISE SPECIFIED

XECM C. Monte, Tamaulipas 0.15 U  
 XESZ Zihuatanejo, Guas. 0.25 U

H12R San Cristobal, D.R. 0.2 U  
 WMIA Caguas, P.R. 0.25 U

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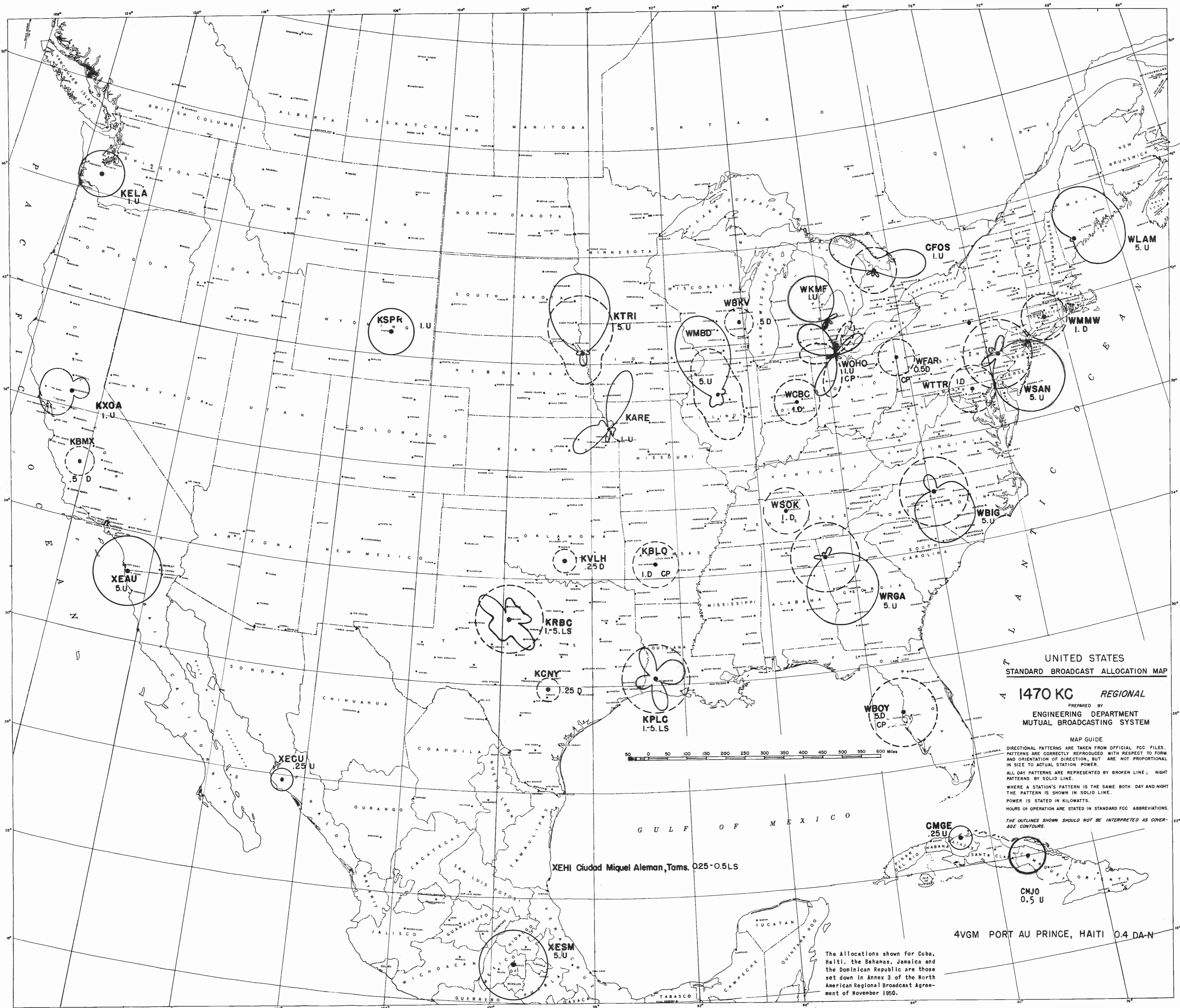
UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1460 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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XEGN Oaxaca, Oax. 0.25-0.5 LS



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

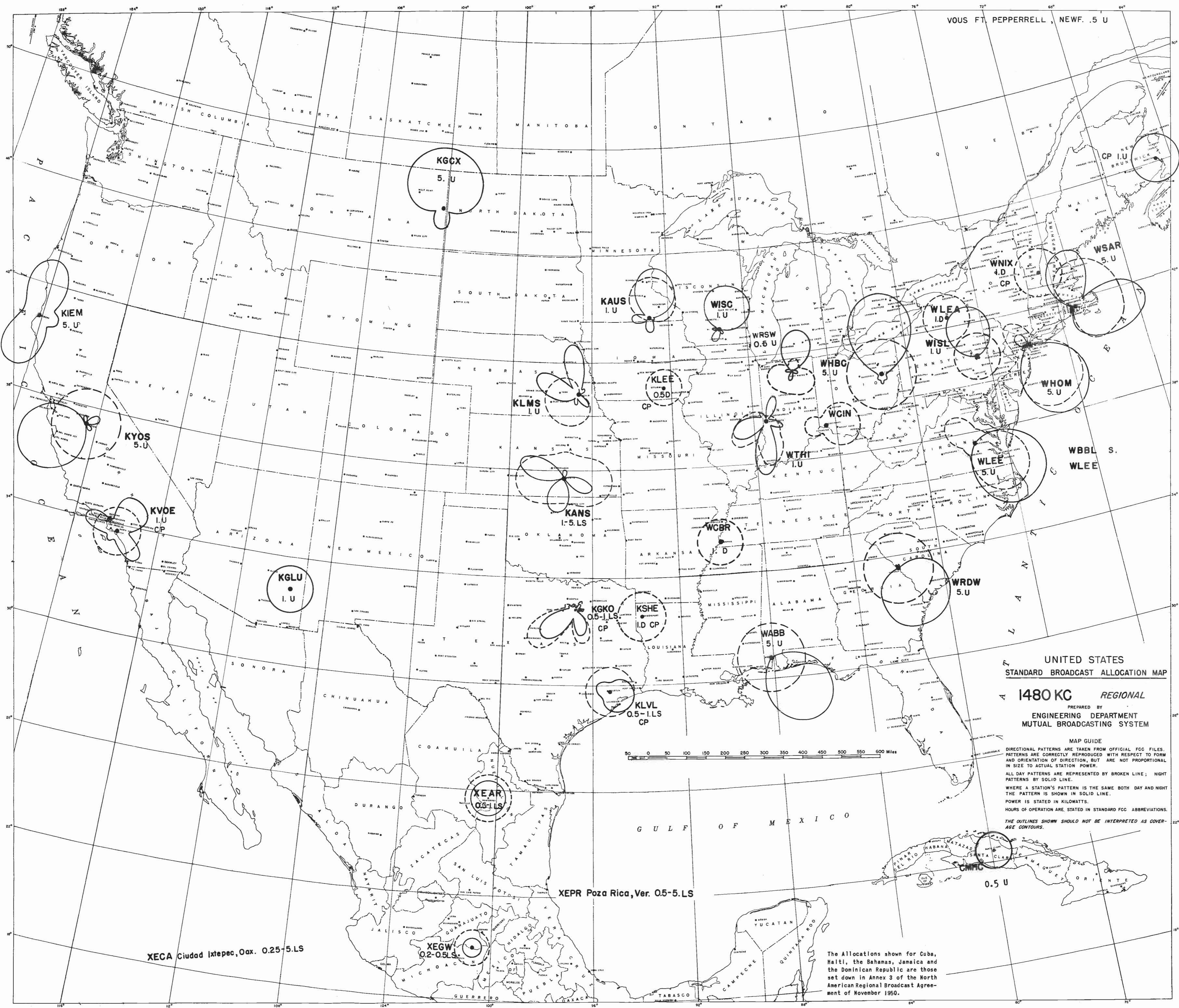
**1470 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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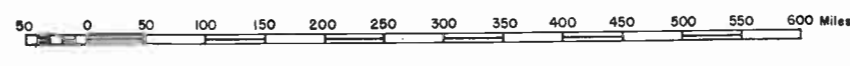


VOUS FT. PEPPERRELL, NEWF. 5 U

UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

A 1480 KC REGIONAL  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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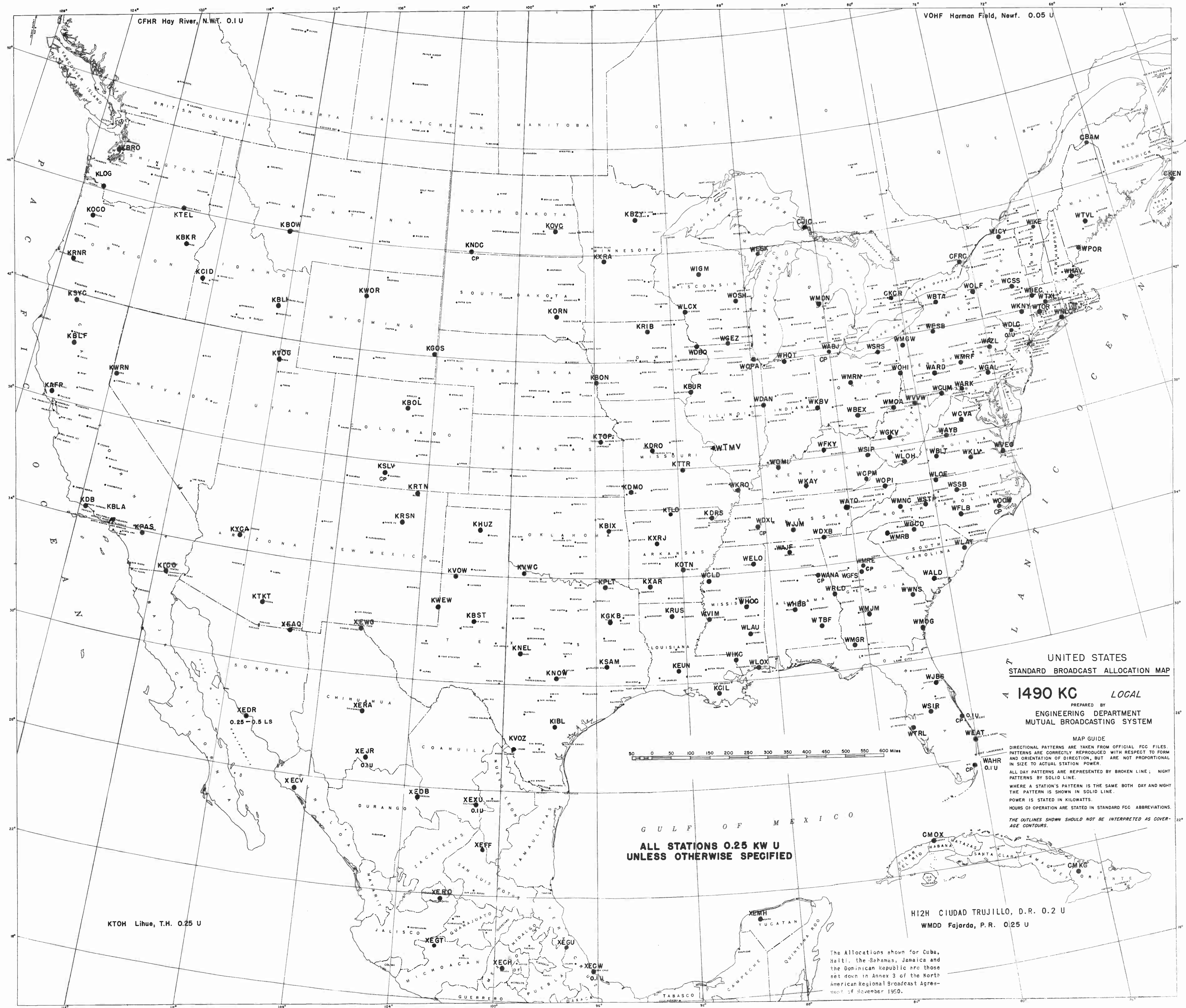
XECA Ciudad Ixtepec, Oax. 0.25-5.LS

XEGW 0.2-0.5LS

XEPR Poza Rica, Ver. 0.5-5.LS

0.5 U

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UNITED STATES  
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ALL STATIONS 0.25 KW U  
UNLESS OTHERWISE SPECIFIED

HIGH CIUDAD TRUJILLO, D.R. 0.2 U  
WMDD Fajardo, P.R. 0.25 U

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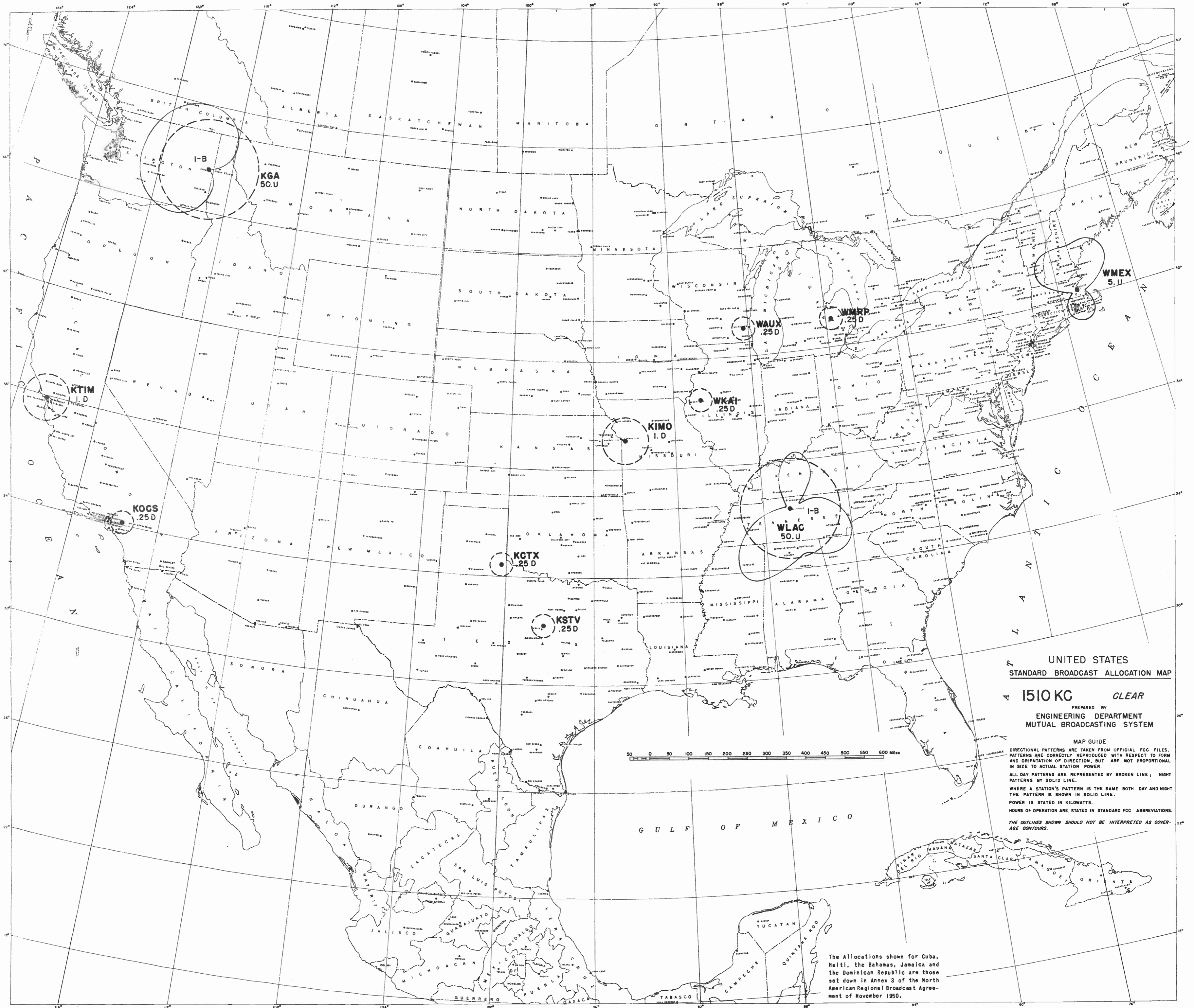


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1500 KC CLEAR  
PREPARED BY  
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

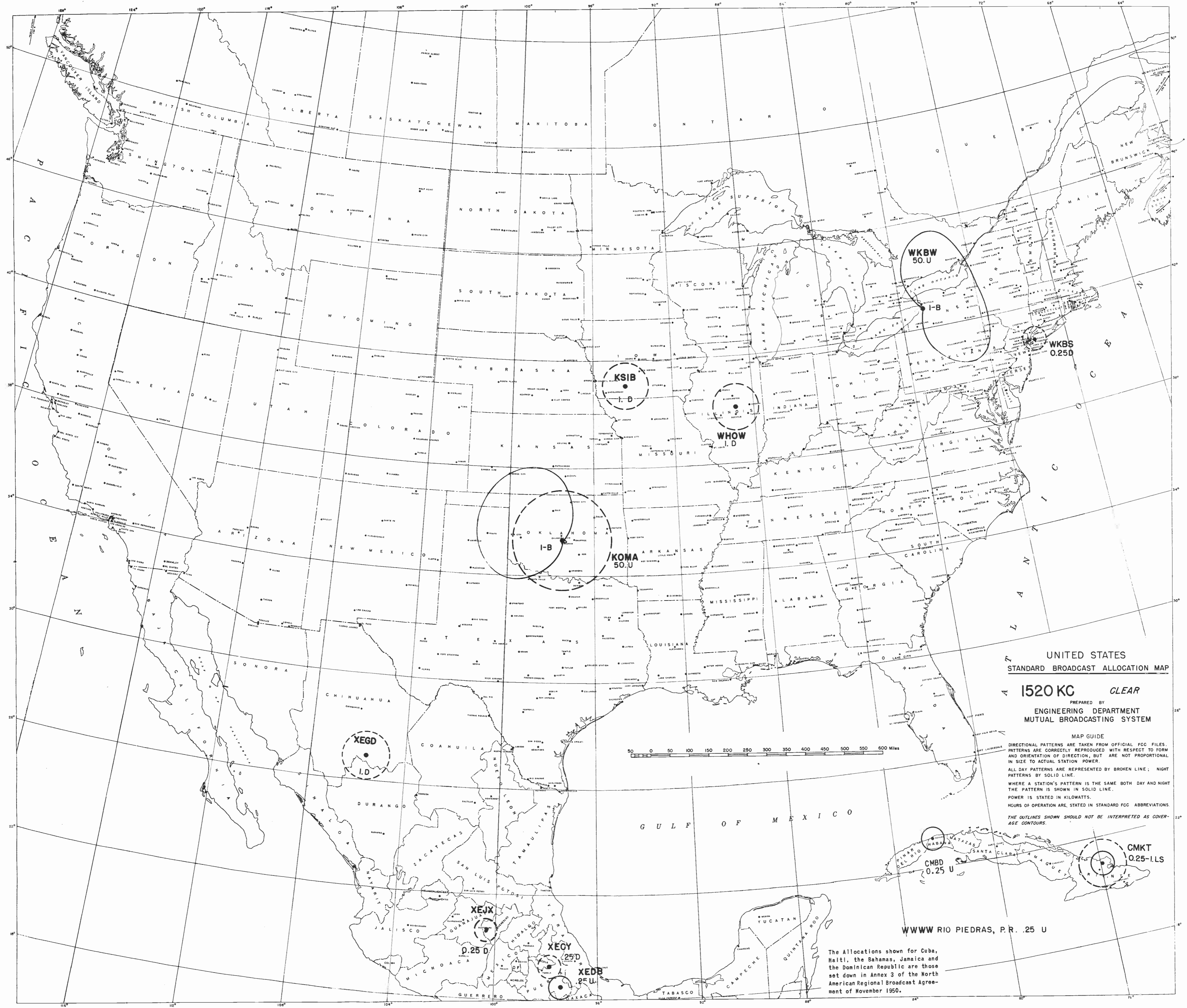
A 1510 KC CLEAR

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

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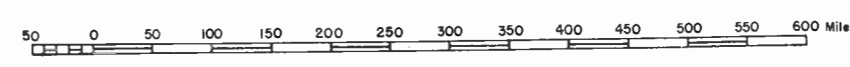
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

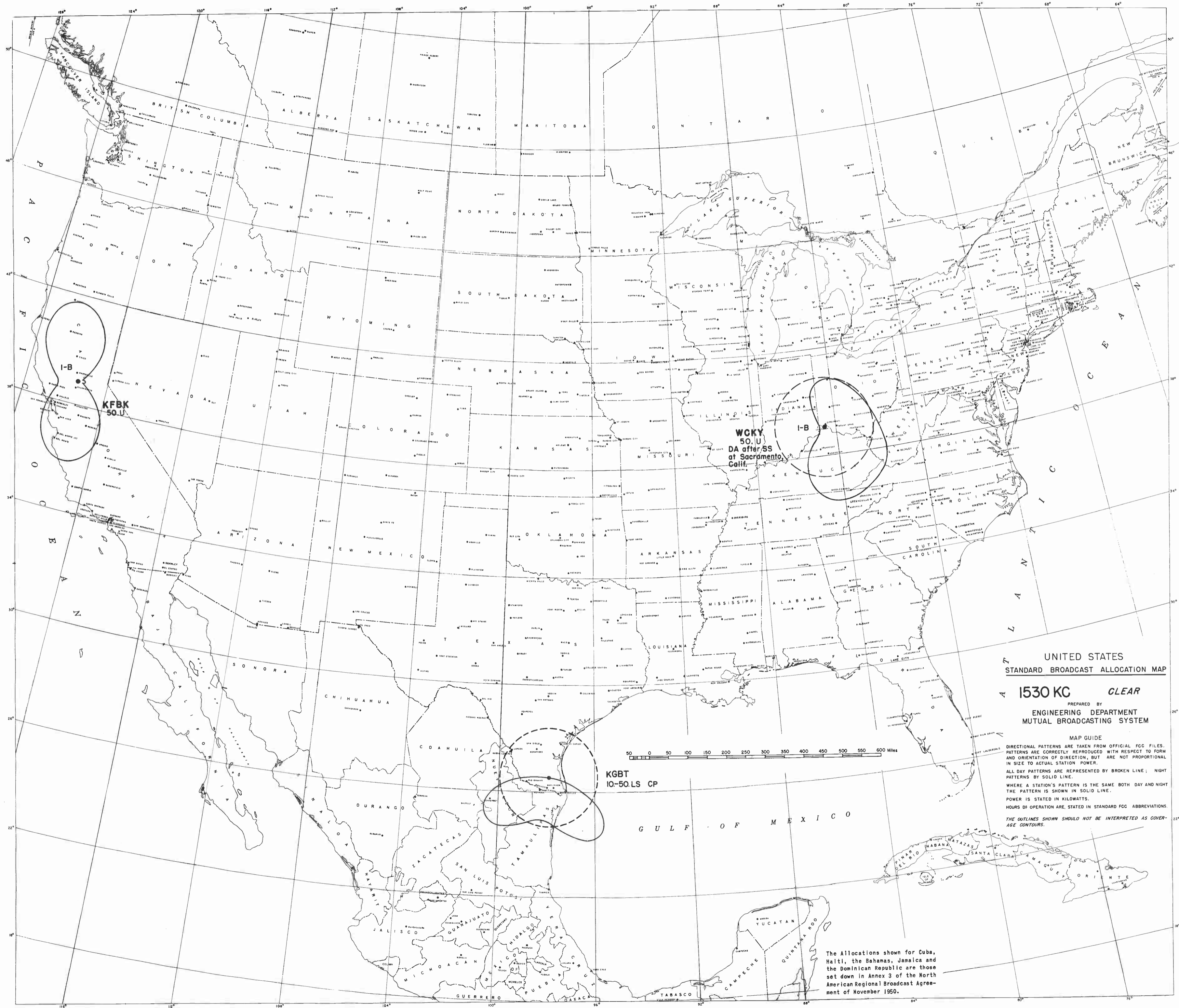
1520 KC CLEAR  
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WWW RIO PIEDRAS, P.R. .25 U

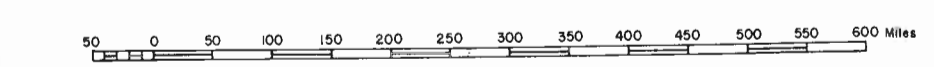
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UNITED STATES  
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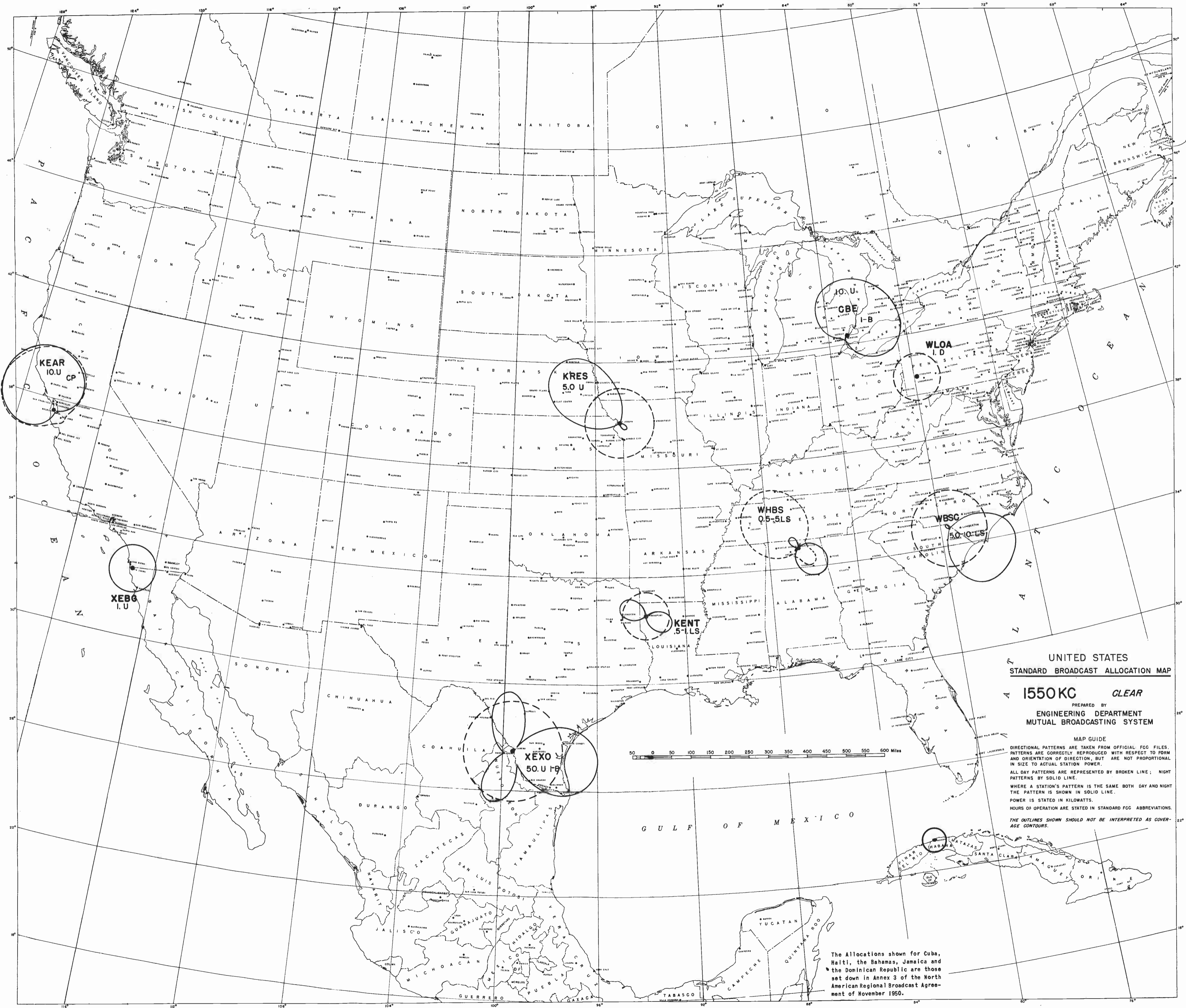
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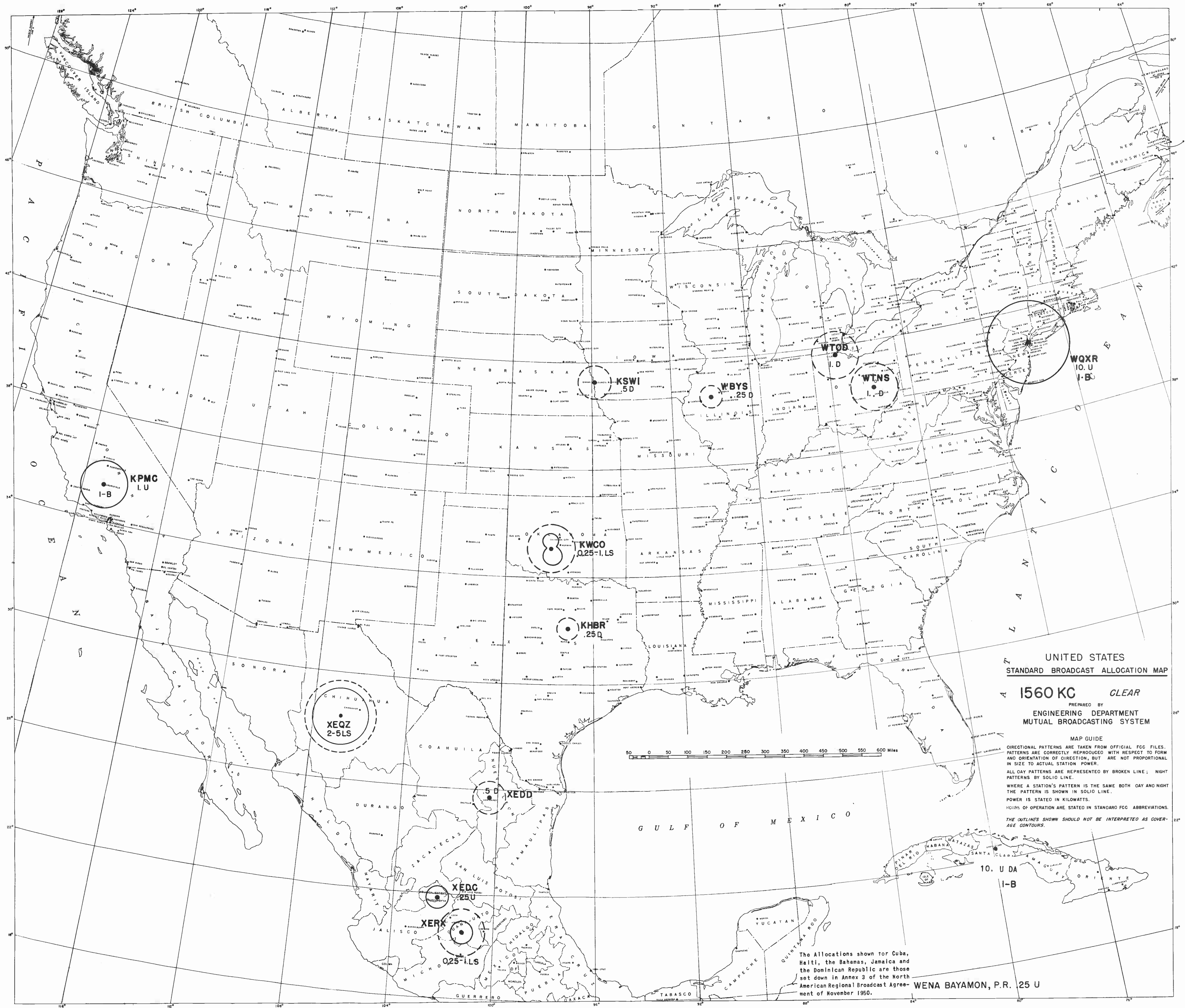
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STANDARD BROADCAST ALLOCATION MAP

1550 KC CLEAR  
PREPARED BY  
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MUTUAL BROADCASTING SYSTEM

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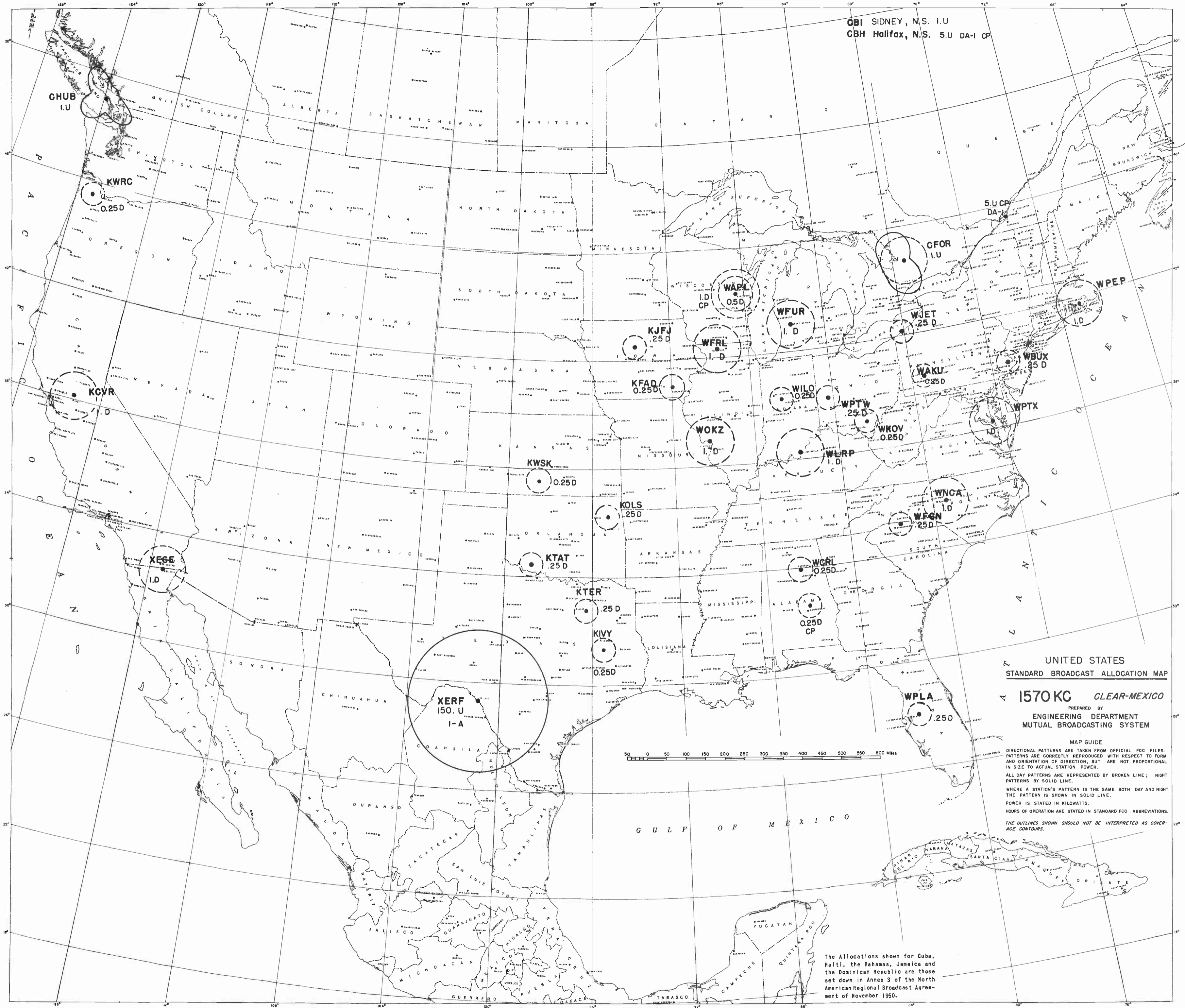
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STANDARD BROADCAST ALLOCATION MAP

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PREPARED BY  
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WENA BAYAMON, P.R. 25 U

CBI SIDNEY, N.S. 1.U  
CBH Halifax, N.S. 5.U DA-1 CP



UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP  
A 1570 KC CLEAR-MEXICO  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
DIRECTIONAL PATTERNS ARE TAKEN FROM OFFICIAL FCC FILES. PATTERNS ARE CORRECTLY REPRODUCED WITH RESPECT TO FORM AND ORIENTATION OF DIRECTION, BUT ARE NOT PROPORTIONAL IN SIZE TO ACTUAL STATION POWER.  
ALL DAY PATTERNS ARE REPRESENTED BY BROKEN LINE; NIGHT PATTERNS BY SOLID LINE.  
WHERE A STATION'S PATTERN IS THE SAME BOTH DAY AND NIGHT THE PATTERN IS SHOWN IN SOLID LINE.  
POWER IS STATED IN KILOWATTS.  
HOURS OF OPERATION ARE STATED IN STANDARD FCC ABBREVIATIONS.  
THE OUTLINES SHOWN SHOULD NOT BE INTERPRETED AS COVERAGE CONTOURS.

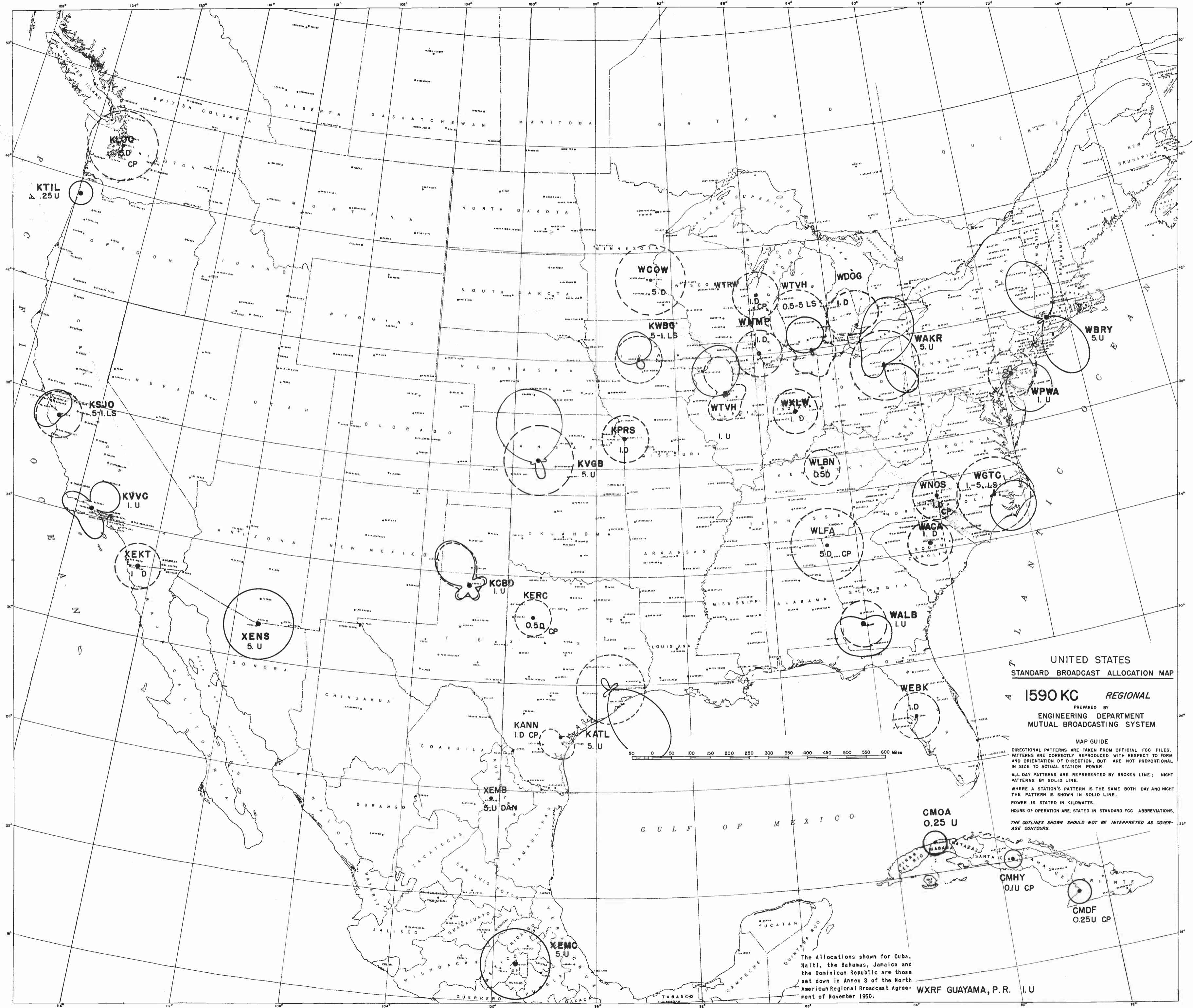
The Allocations shown for Cuba, Haiti, the Bahamas, Jamaica and the Dominican Republic are those set down in Annex 3 of the North American Regional Broadcast Agreement of November 1950.



UNITED STATES  
 STANDARD BROADCAST ALLOCATION MAP  
 1580 KC CLEAR-CANADA  
 PREPARED BY  
 ENGINEERING DEPARTMENT  
 MUTUAL BROADCASTING SYSTEM

MAP GUIDE  
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UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

1590 KC REGIONAL

PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

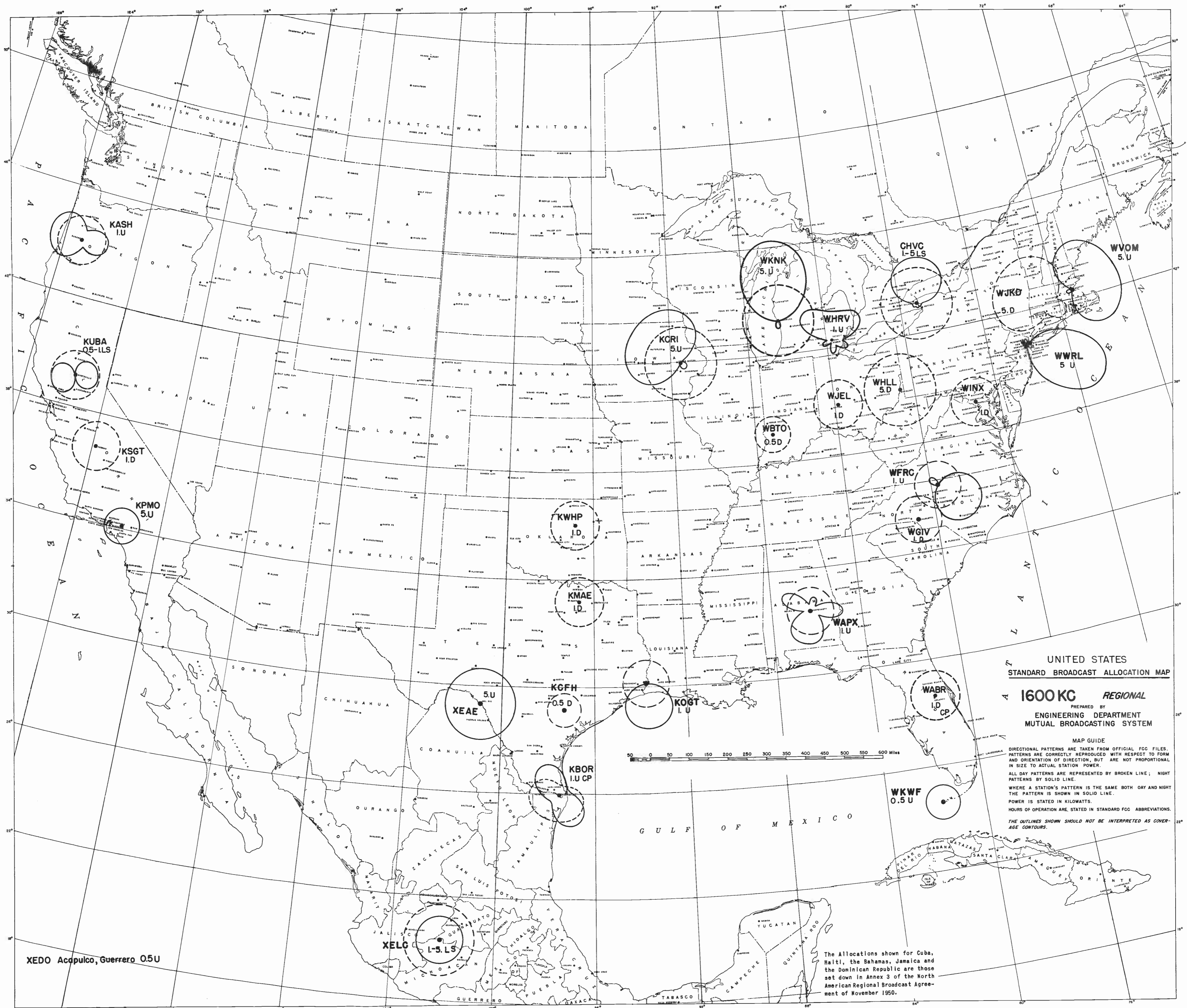
MAP GUIDE

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0 50 100 150 200 250 300 350 400 450 500 550 600 Miles

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WXRF GUAYAMA, P.R. I.U.

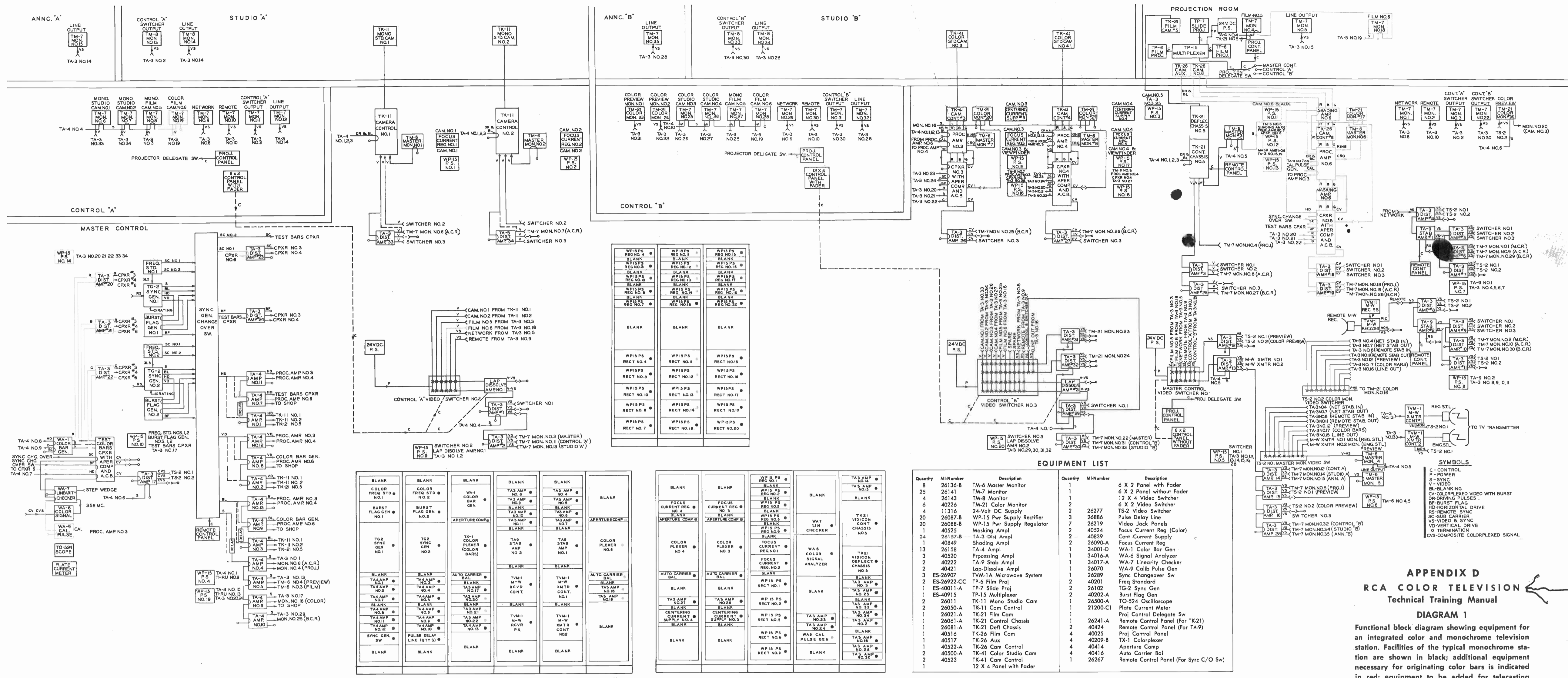


UNITED STATES  
STANDARD BROADCAST ALLOCATION MAP

**1600 KC REGIONAL**  
PREPARED BY  
ENGINEERING DEPARTMENT  
MUTUAL BROADCASTING SYSTEM

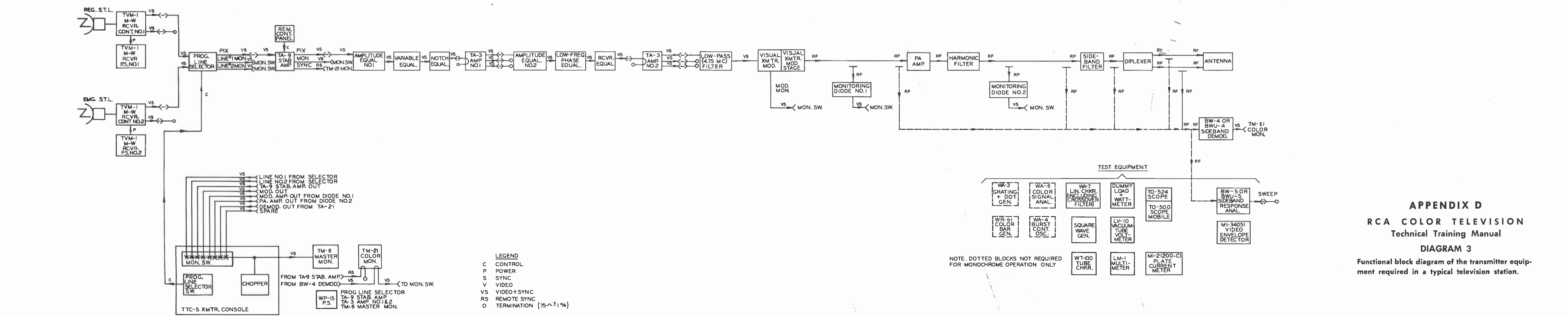
**MAP GUIDE**  
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**APPENDIX D**  
**RCA COLOR TELEVISION**  
**Technical Training Manual**

**DIAGRAM 1**  
**Functional block diagram showing equipment for an integrated color and monochrome television station. Facilities of the typical monochrome station are shown in black; additional equipment necessary for originating color bars is indicated in red; equipment to be added for telecasting color slides and film is shown in green; and the additional equipment necessary for producing live color studio shows is in blue.**



**APPENDIX D**  
**RCA COLOR TELEVISION**  
**Technical Training Manual**

**DIAGRAM 3**  
**Functional block diagram of the transmitter equipment required in a typical television station.**