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M. H. Schuman
Wk 1/30

THE INSTITUTE OF RADIO ENGINEERS

INCORPORATED

Please address reply to:

Automation Development Corporation
11824 West Jefferson Boulevard
Culver City, California

July 24, 1962

Mr. P. E. Haggerty, President
The Institute of Radio Engineers
1 East 79th Street
New York 21, New York

Dear Pat,

Attached is a copy of a preliminary report prepared by Bradley Cozzens of the AIRE and myself which contains recommendations regarding regional boundaries and districts. The report contains the regional boundary revisions requested by the 14-man Joint Committee as of 11 July 1962.

Sincerely yours,

Walter E. Peterson

WEP:pb
Enclosure

RECOMMENDATIONS REGARDING

I.E.E.E. REGIONS AND DISTRICTS

Prepared by

Bradley Cozzens

AIEE

Walter E. Peterson

IRE

Revised 11 July 1962

In order to recommend the new regional boundaries for the Institute of Electrical and Electronic Engineers (I.E.E.E.) on a logical basis, the following factors were considered:

1. Existing IRE Region and Section boundaries and numerical membership
2. Existing AIEE District and Section boundaries and numerical membership
3. Growth trends
4. Technology concentrations
5. Size of geographical area and number of sections that can be reasonably served by a Regional Director
6. Balance of numerical membership between regions in the I.E.E.E.
7. Merger Agreements, Resolution, Principles of Consolidation, and the Constitution of the I.E.E.E.

EXISTING IRE REGIONS AND MEMBERSHIPS*

*Approximate Total Membership -
includes all grades less students
As of June, 1962

Region I

- 1.1 Binghamton
- 1.2 Boston
- 1.3 Buffalo-Niagara
- 1.4 Connecticut
- 1.5 Elmira-Corning
- 1.6 Erie
- 1.7 Ithaca
- 1.8 Rochester
- 1.9 Rome-Utica
- 1.10 Schenectady
- 1.11 Syracuse
- 1.12 Western Massachusetts

TOTAL MEMBERSHIP: 10,396

Region II

- 2.1 Long Island
- 2.2 New York
- 2.3 Northern New Jersey
- 2.4 Princeton

TOTAL MEMBERSHIP: 13,228

Region III

- 3.1 Atlanta
- 3.2 Baltimore
- 3.3 Canaveral
- 3.4 Florida West Coast
- 3.5 Gainesville
- 3.6 Huntsville
- 3.7 Miami
- 3.8 Mobile
- 3.9 North Carolina
- 3.10 Northwestern Florida
- 3.11 Orlando
- 3.12 Philadelphia
- 3.13 South Carolina
- 3.14 Virginia
- 3.15 Washington

TOTAL MEMBERSHIP: 14,242

Region IV

- 4.1 Akron
- 4.2 Central Pennsylvania
- 4.3 Cincinnati
- 4.4 Cleveland
- 4.5 Columbus
- 4.6 Dayton
- 4.7 Detroit
- 4.8 Emporium
- 4.9 Pittsburgh
- 4.10 Toledo
- 4.11 Western Michigan
- 4.12 Williamsport

TOTAL MEMBERSHIP: 4,483

Region V

- 5.1 Cedar Rapids
- 5.2 Chicago
- 5.3 Evansville-Owensboro
- 5.4 Fort Wayne
- 5.5 Indianapolis
- 5.6 Louisville
- 5.7 Milwaukee
- 5.8 Omaha-Lincoln
- 5.9 South Bend-Mishawaka
- 5.10 Twin Cities

TOTAL MEMBERSHIP: 5,755

Region VI

- 6.1 Beaumont-Port Arthur
- 6.2 Dallas
- 6.3 Denver
- 6.4 El Paso
- 6.5 Ft. Worth
- 6.6 Houston
- 6.7 Kansas City
- 6.8 Little Rock
- 6.9 Lubbock
- 6.10 New Orleans
- 6.11 Oklahoma City
- 6.12 St. Louis
- 6.13 San Antonio-Austin
- 6.14 Shreveport
- 6.15 Tulsa
- 6.16 Wichita

TOTAL MEMBERSHIP: 5,035

Existing IRE Regions and Memberships (Con't.)

Region VII

7.1 Alamogordo-Holloman
7.2 Albuquerque-Los Alamos
7.3 Anchorage
7.4 China Lake
7.5 Ft. Huachuca
7.6 Hawaii
7.7 Las Vegas
7.8 Los Angeles
7.9 Phoenix
7.10 Portland
7.11 Sacramento
7.12 Salt Lake City
7.13 San Diego
7.14 San Francisco
7.15 Seattle
7.16 Tucson

TOTAL MEMBERSHIP: 18,443

Region VIII

8.1 Bay of Quinte
8.2 Hamilton
8.3 Kitchener-Waterloo
8.4 London
8.5 Montreal
8.6 Newfoundland
8.7 Northern Alberta
8.8 Ottawa
8.9 Quebec
8.10 Regina
8.11 Southern Alberta
8.12 Toronto
8.13 Vancouver
8.14 Winnipeg

TOTAL MEMBERSHIP: 2,597

Existing IRE Regions and Memberships (Con't.)

Region - Foreign

Benelux
Buenos Aires
Chile
Colombia
Egypt
France
Geneva
India
Israel
Italy
Rio de Janeiro
Tokyo

TOTAL MEMBERSHIP: 1,674

Recently changed to:

Region IX

Benelux
Egypt
France
Israel
Italy
Geneva
(United Kingdom to be added)

TOTAL MEMBERSHIP: 900

Region (Rest of World - other than Regions I through IX)

Rio de Janeiro
Buenos Aires
Chile
Colombia
India
Tokyo

TOTAL MEMBERSHIP: 774

EXISTING AIEE DISTRICTS AND MEMBERSHIP*

* Approximate Total Membership -
includes all grades less students as of
May, 1962

DISTRICT No. 1

Section

Erie
Ithaca
Niagara Frontier
Rochester
Schenectady
Syracuse

Total Membership: 2783

DISTRICT No. 2

Section

Delaware Bay
Lehigh Valley
Maryland
Philadelphia
Susquehanna
Washington

Total Membership: 5474

DISTRICT No. 3

Section

Hudson Valley
New York

Total Membership: 6450

DISTRICT No. 4

Section

Central Florida
Florida West Coast
Georgia
Jacksonville
Miami
North Carolina
Savannah
South Carolina
Virginia
Virginia Mountain

Total Membership: 3418

DISTRICT No. 5

Section

Arrowhead
Central Illinois
Central Indiana
Chicago
Fort Wayne
Illinois Valley
Iowa-Illinois
Madison
Milwaukee
Minnesota
Northeastern Wisconsin
Rock River Valley
South Bend

Total Membership: 6001

DISTRICT No. 6

Section

Denver
Iowa
Nebraska

Total Membership: 1203

DISTRICT No. 7

Section

Arkansas
Kansas City
Oklahoma City
St. Louis
Tulsa
Wichita

Total Membership: 2325

DISTRICT No. 8

Section

Arizona
Los Angeles
Sacramento
San Diego
San Francisco
Southern Arizona
Hawaii

Total Membership: 6394

Existing AIEE Districts & Membership (Cont'd)

DISTRICT No. 9

Section

Idaho
Montana
Portland
Richland
Seattle
Spokane
Utah
Vancouver
Victoria

Total Membership: 2810

DISTRICT No. 10

Section

Hamilton
Montreal
Niagara International
Ottawa
St. Maurice Valley
Toronto

Total Membership: 2047

DISTRICT No. 11

Section

Cincinnati
Columbus
Dayton
Lima
Mansfield
Michigan
Northeastern Michigan
Toledo
West Michigan

Total Membership: 3228

DISTRICT No. 12

Section

Boston
Connecticut
Lynn
Maine
New Hampshire
Pittsfield
Providence
Springfield
Vermont
Worcester

Total Membership: 4169

DISTRICT No. 13

Section

Alabama
Baton Rouge
East Tennessee
Gulf Coast
Louisville
Memphis
Middle Tennessee
Mississippi
Nashville
New Orleans
Oak Ridge

Total Membership: 2628

DISTRICT No. 14

Section

Akron
Canton
Cleveland
Johnstown
Ohio Valley
Pittsburgh
Ridgway
Sharon
West Virginia

Total Membership: 4083

DISTRICT No. 15

Section

Beaumont
Corpus Christi
El Paso
Houston
Mexico
Northern New Mexico
North Texas
Panhandle Plains
Shreveport
South Texas

Total Membership: 2727

Proposed IEEE Regions and Membership

IEEE Region I - Total Membership: 36,603

Consists of the IRE Region I and Region II plus AIEE Districts 3 & 12 and part of Districts 1 & 2.

<u>IRE</u>	<u>IRE</u>	<u>AIEE</u>	<u>AIEE</u>
All of <u>Region I</u>	All of <u>Region II</u>	Part of <u>District 1</u>	All of <u>District 12</u>
Binghamton	Long Island	Ithaca (Part)	Boston
Boston	New York	Niagara Frontier	Connecticut
Buffalo-Niagara	Northern New Jersey	Rochester	Lynn
Connecticut	Princeton	Schenectady	Maine
Elmira-Corning		Syracuse	New Hampshire
Erie			Pittsfield
Ithaca		Part of <u>District 2</u>	Providence
Rochester		Lehigh Valley (Part)	Springfield
Rome-Utica		Philadelphia (Part)	Vermont
Schenectady			Worcester
Syracuse			
Western Massachusetts			
		All of <u>District 3</u>	
		Hudson Valley	
		New York	

IEEE Region II - Total Membership: 24,859

Consists of part of IRE Region III, IV, V plus part of AIEE Districts 1, 2, 5, 11, & 14.

<u>IRE</u>	<u>IRE</u>	<u>AIEE</u>	<u>AIEE</u>
Part of <u>Region IV</u>	Part of <u>Region III</u>	Part of <u>District 1</u>	Part of <u>District 11</u>
Akron	Baltimore	Erie	Cincinnati (Part)
Central Pennsylvania	Virginia (Part)	Ithaca (Part)	Columbus
Cincinnati (Part)	Washington, D.C.		Dayton
Cleveland	Philadelphia	<u>District 2</u>	Lima
Columbus		Delaware Bay	Mansfield
Dayton	Part of Region <u>Region V</u>	Lehigh Valley (Part)	Toledo
Detroit (Part)	Fort Wayne (Part)	Maryland	
Emporium		Philadelphia (Part)	Part of <u>District 14</u>
Pittsburgh		Susquehanna	Akron
Toledo		Washington (Part)	Canton
Williamsport			Cleveland
		Part of <u>District 5</u>	Johnstown
		Cent. Indiana (Part)	Ohio Valley (part)
			Pittsburgh
			Ridgway
			Sharon
			West Virginia

IEEE Region III - Total Membership: 10,946

Consists of parts of IRE Regions III, IV, V and VI plus part of AIEE Districts 2, 4, 11, 13 and 14.

<u>Part of Region III</u>	<u>IRE Part of Region IV</u>	<u>AIEE Part of District 2</u>	<u>Part of District 13</u>
Atlanta	Cincinnati (part)	Washington (part)	Alabama
Canaveral			Baton Rouge
Florida West Coast	Part of	Part of	East Tennessee
Gainesville	<u>Region V</u>	<u>District 4</u>	Gulf Coast
Huntsville	Evansville-Owensboro	Central Florida	Louisville (part)
Miami	Louisville	Florida W.Coast	Memphis (part)
Mobile		Georgia	Mid. Tennessee
North Carolina	Part of	Hampton Roads	Mississippi
Northwest Florida	<u>Region VI</u>	Jacksonville	Nashville
Orlando	New Orleans	Miami	New Orleans
South Carolina		North Carolina	No. Alabama
Virginia (part)		Palm Beach	Oakridge
		Savannah	Part of
		South Carolina	<u>District 11</u>
		Virginia	Cincinnati (part)
		Virginia Mountain	

Part of District 14

Ohio Valley (part)

IEEE Region IV - Total Membership: 14,778

Consists of part of IRE Regions IV and V plus parts of AIEE Districts 5, 6, 7, 11 and 13.

<u>IRE Part of Region V</u>	<u>AIEE Part of District 5</u>	<u>Part of District 6</u>
Cedar Rapids	Arrowhead	Denver (part)
Chicago	Cent. Illinois	Iowa
Ft. Wayne (part)	(part)	Nebraska
Indianapolis	Cent. Indiana(part)	Siouxland
Milwaukee	Chicago	Part of
Omaha-Lincoln	Ft. Wayne	<u>District 7</u>
South Bend-Mishawaka	Illinois Valley	St. Louis (part)
Twin Cities	Iowa-Illinois	
	Madison	Part of
<u>Part of Region IV</u>	Milwaukee	<u>District 11</u>
Detroit (part)	Minnesota	Michigan
Western Michigan	N.E. Wisconsin	No. East Michigan
	Rock River Valley	West Michigan
	South Bend	

Part of
District 13

Louisville (part)

IEEE Region V - Total Membership: 10,443

Consists of IRE Region VI (less New Orleans) plus part of AIEE Districts 5, 6, 7, 13 and 15.

<u>IRE</u>	<u>AIEE</u>	<u>Part of</u>
<u>Region VI (less New Orleans)</u>	<u>District 7</u>	<u>District 6</u>
Beaumont-Port Arthur	Arkansas	Denver (part)
Dallas	Kansas City	
Denver (part)	Oklahoma City	Part of
El Paso	St. Louis (part)	<u>District 15</u>
Ft. Worth	Tulsa	
Houston	Wichita	Beaumont
Kansas City		Corpus Christi
Little Rock	Part of	El Paso (part)
Lubbock	<u>District 5</u>	Houston
Oklahoma City		Mexico (optional)
St. Louis	Central Illinois	North Texas
San Antonio-Austin	(part only)	Panhandle Plains
Shreveport	Part of	(part)
Tulsa	<u>District 13</u>	Shreveport
Wichita		South Texas
	Memphis (part)	

IEEE Region VI - Total Membership: 27,221

Consists of IRE Region VII plus part of VI and AIEE Districts 8 plus part of Districts 9 and 15.

<u>IRE</u>	<u>AIEE</u>	<u>Part of</u>
<u>Region VII</u>	<u>District 8</u>	<u>District 9</u>
Alamogordo-Holloman	Arizona	Idaho
Albuquerque-Los Alamos	Hawaii	Montana
Anchorage	Los Angeles	Portland
China Lake	Sacramento	Richland
Fort Huachuca	San Diego	Seattle
Hawaii	San Francisco	Spokane
Las Vegas	So. Arizona	Utah
Los Angeles		
Phoenix	Part of	
Portland	<u>District 15</u>	
Sacramento		
Salt Lake City	El Paso (part)	
San Diego	North. New Mexico	
San Francisco	Panhandle Plains (part)	
Seattle		
Tucson		

Part of Region VI

Western part of Wyoming (part of
Denver Section)

IEEE Region VII - Total Membership: 5,061

Consists of part of IRE Region VIII (Canada) plus AIEE District 10 and part of District 9.

<u>IRE</u>	<u>AIEE</u>
<u>Part of Region VIII</u>	<u>District 10</u>
Bay of Quinte	Hamilton
Hamilton	London
Kitchener-Waterloo	Montreal
London	Niagara International
Montreal	Ottawa
Newfoundland	St. Maurice Valley
Northern Alberta	Toronto
Ottawa	
Quebec	<u>Part of District 9</u>
Regina	
Southern Alberta	Vancouver
Toronto	Victoria
Winnipeg	
Vancouver	

IEEE Region VIII - Total Membership - 900

Consists of IRE Region IX plus AIEE and IRE members in the area.

<u>IRE</u>	<u>AIEE</u>
Benelux	(No Sections)
Egypt	
France	
Israel	
Italy	
Geneva	
(United Kingdom to be added later)	

IEEE Region IX - Total Membership - 974

Consists of the rest of the world not included in IEEE Regions I through VIII.

<u>IRE</u>	<u>AIEE</u>
Buenos Aires	(No Sections)
Chile	
Colombia	
India	
Rio de Janeiro	
Tokyo	

DEFINITION OF IEEE REGIONS BY
COUNTRY, STATE, COUNTY

IEEE REGION I

<u>States</u>	<u>Counties</u>		
Connecticut	All		
Maine	All		
Massachusetts	All		
New Hampshire	All		
New Jersey	Sussex Passaic Bergen Warren Morris	Essex Hudson Hunterdon Somerset Union	Middlesex Mercer Monmouth Ocean
New York	All		
Pennsylvania	Tioga Bradford		
Rhode Island	All		
Vermont	All		

IEEE REGION II

<u>States</u>	<u>Counties</u>		
Delaware	All		
Maryland	All		
New Jersey	Burlington Camden Gloucester Atlantic	Salem Cumberland Cape May	
Ohio	All		
Pennsylvania	All except Tioga and Bradford		
Kentucky	Trimble Carroll Gallatin Boone Kenton Camp Bell Owen	Grant Pendleton Bracken Harrison Robertson Mason Fleming	Lewis Rowan Carter Greenup Elliott Lawrence Boyd

IEEE REGION II (Cont.)

<u>States</u>	<u>Counties</u>	
Indiana	Wayne Fayette Union Franklin Jennings	Ripley Dearborn Jefferson Switzerland Ohio
West Virginia	All	
Michigan	Lenawee Monroe	
Virginia	Frederick Clarke Loudoun	Fairfax Arlington Prince William
Washington D. C.		

IEEE REGION III

<u>States</u>	<u>Counties</u>		
Alabama	All		
Florida	All		
Georgia	All		
Illinois	Wayne Richland Lawrence Edwards	Wabash Hamilton White Saline	Gallatin Pope Hardin Massac
Indiana	Knox Daviess Martin Orange Washington Scott	Clark Gibson Pike Dubois Crawford Harrison	Floyd Posey Vanderburgh Warrick Spencer Perry
Louisiana	Morehouse East Carroll West Carroll Richland Madison Franklin Tensas Grant La Salle Catahoula Concordia Vernon Rapides Avoyelles Evangeline	St. Landry Pointe Coupee West Feliciana East Feliciana East Baton Rouge West Baton Rouge St. Helena Livingston Tangipahoa Washington St. Tammany Acadia Vermilion Lafayette St. Martin	Iberia Iberville St. Mary Assumption Ascension St. James Terrebonne Lafourche St. John the Baptist St. Charles Jefferson Orleans St. Bernard Plaquemines

IEEE REGION III (Cont.)

<u>States</u>	<u>Counties</u>		
Mississippi	All		
North Carolina	All		
South Carolina	All		
Tennessee	All		
Virginia	All except Frederick Clarke Loudoun	Fairfax Arlington Prince William	
Kentucky	All except Trimble Carroll Gallatin Boone Kenton Camp Bell Owen	Grant Pendleton Harrison Bracken Mason Robertson Lewis Fleming	Rowan Greenup Carter Elliott Boyd Lawrence

IEEE REGION IV

<u>States</u>	<u>Counties</u>		
Illinois	Jo Daviess Stephenson Winnebago Boone McHenry Lake Carroll Whiteside Ogle Lee De Kalb Kane Cook DuPage Rock Island Mercer Henry Bureau Putnam La Salle Kendall Grundy	Will Kankakee Henderson Warren Knox Stark Peoria Marshall Woodford Livingston Iroquois Hancock McDonough Fulton Tazewell McLean Ford Adams Brown Schuyler Cass Mason	Menard Logan De Witt Macon Piatt Champaign Vermilion Pike Scott Calhoun Greene Morgan Macoupin Sangamon Christian Montgomery Shelby Moultrie Coles Douglas Edgar

IEEE REGION IV (Cont.)

States

Counties

Indiana

Lake
Porter
La Porte
Starke
St. Joseph
Marshall
Elkhart
Kosciusko
La Grange
Stauben
De Kalb
Newton
Jasper
Pulaski
Fulton
Whitley
Allen
Benton
White
Cass
Miami

Wabash
Huntington
Wells
Adams
Warren
Fountain
Tippecanoe
Carroll
Clinton
Howard
Tipton
Grant
Blackford
Jay
Montgomery
Boone
Hamilton
Madison
Delaware
Randolph
Vermillion

Parke
Putnam
Hendricks
Morgan
Marion
Johnson
Hancock
Shelby
Henry
Rush
Vigo
Sullivan
Clay
Owen
Greene
Monroe
Lawrence
Brown
Jackson
Bartholomew
Decatur

Iowa

All

Michigan

All except Lenawee and Monroe

Minnesota

All

Nebraska

All

North Dakota

All

South Dakota

All

Wisconsin

All

IEEE REGION V

States

Counties

Arkansas

All

Colorado

All

Kansas

All

Missouri

All

Oklahoma

All

Texas

All

IEEE REGION V (Cont.)StatesCounties

Illinois

Jersey
Madison
Bond
Fayette
Effingham
Cumberland
Clark
Jasper
PulaskiCrawford
St. Louis City
St. Clair
Clinton
Washington
Marion
Jefferson
ClayRandolph
Perry
Franklin
Jackson
Williamson
Union
Johnson
Alexander

New Mexico

Grant
Hidalgo
Sierra (part)
Luna
Dona AnaOtero (part)
Lincoln
Chaves
Eddy
Lea

Louisiana

Caddo
Bossier
Webster
Claiborne
Union
Lincoln
BienvilleJackson
Ouachita
De Soto
Red River
Sabine
Natchitoches
WynnCaldwell
Beauregard
Allen
Calcasieu
Cameron
Jefferson Davis

Wyoming

Big Horn
Washakie
Natrona
Campbell
WestonNiobrara
Goshen
Sheridan
Johnson
CarbonCrook
Converse
Albany
Platte
LaramieIEEE REGION VIStatesCounties

Alaska

All

Arizona

All

California

All

Hawaii

All

Idaho

All

Montana

All

Nevada

All

Oregon

All

Washington

All

IEEE REGION VI (Cont.)

States

Counties

Wyoming

Yellowstone Natl.
Park
Park
Teton

Hot Springs
Fremont
Sublette
Unita

Sweetwater
Lincoln

Utah

All

New Mexico

San Juan
Rio Arriba
Taos
Colfax
Union
McKinley
Sandoval
Los Alamos

Santa Fe
Mora
San Miguel
Harding
Quay
Valencia
Bernalillo
Torrance

Guadalupe
Catron
Socorro
De Baca
Curry
Roosevelt
Sierra (part)
Otero (part)

POSSIBLE PROBLEM AREAS

(which may have to be solved at the region or section level)

1. Whether Mexico should be part of Region V or Region IX (should be decided by Mexico).
2. The boundary within the State of New Mexico
3. The boundary within the State of Louisiana
4. The boundary between Wyoming, South Dakota and Nebraska
5. In Canada, questions concerning the regional assignment of British Columbia and the City of Windsor, Ontario
6. All areas wherein and old IRE or AIEE Section has been split by a new IEEE regional boundary (i.e., those Sections listed with the notation (part) above.)

Recommended Mechanism for the Establishment of Regional Boundaries

1. The 14 Man Committee review, modify, and approve the forementioned suggested boundaries.
2. The existing IRE and AIEE Directors review the suggested boundaries.
3. The new IEEE Regional Directors, and their respective Regional Committees and Sections, review and approve the boundaries or petition the Executive Committee for revisions in accordance with the By-laws.

Recommendations Regarding the Formation of Districts Within Regions

Why Have Districts?

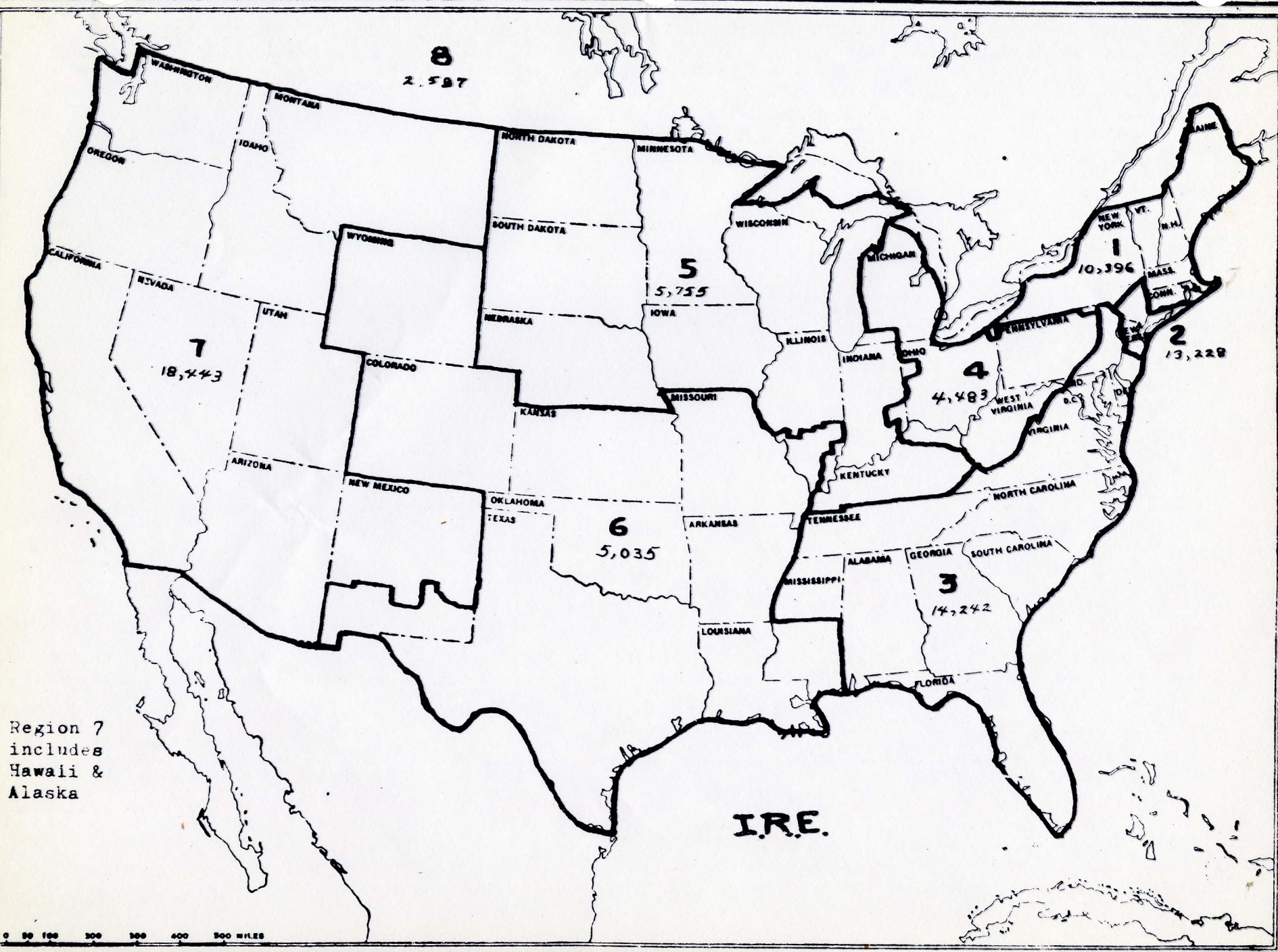
It may be desirable to subdivide a region into districts so as to improve communications, and service to members. The formation of districts would be particularly advantageous in a region where:

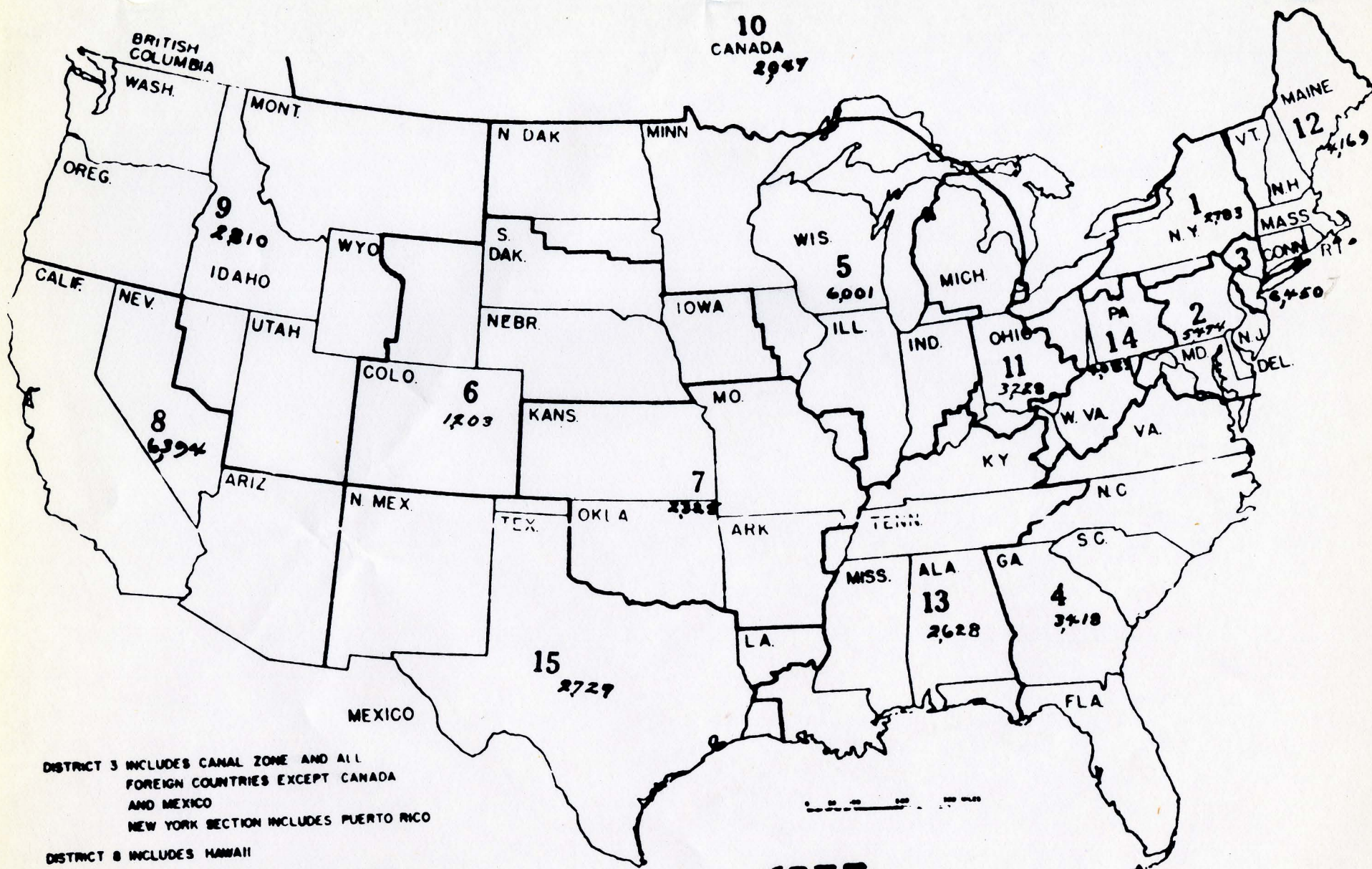
1. The geographical area of the region is very large.
2. The number of sections within the region was large so that it would be difficult for the Regional Director to have good communications with all of them.
3. There were several different, but significant technological concentrations in the region.
4. Several sections desired close cooperation on joint activities.

Mechanism for the Establishment of Districts

In establishing districts it is recommended that:

1. The regional boundaries shall have been first established with the approval of the IEEE Regional Director.
2. The 14 Man Committee prepare a suggested district formation.
3. The new IEEE Regional Committee consider the formation of districts within its region in view of the above listed factors and if districts are deemed desirable, petition the Executive Committee in accordance with the By-laws.





DISTRICT 3 INCLUDES CANAL ZONE AND ALL FOREIGN COUNTRIES EXCEPT CANADA AND MEXICO
 NEW YORK SECTION INCLUDES PUERTO RICO

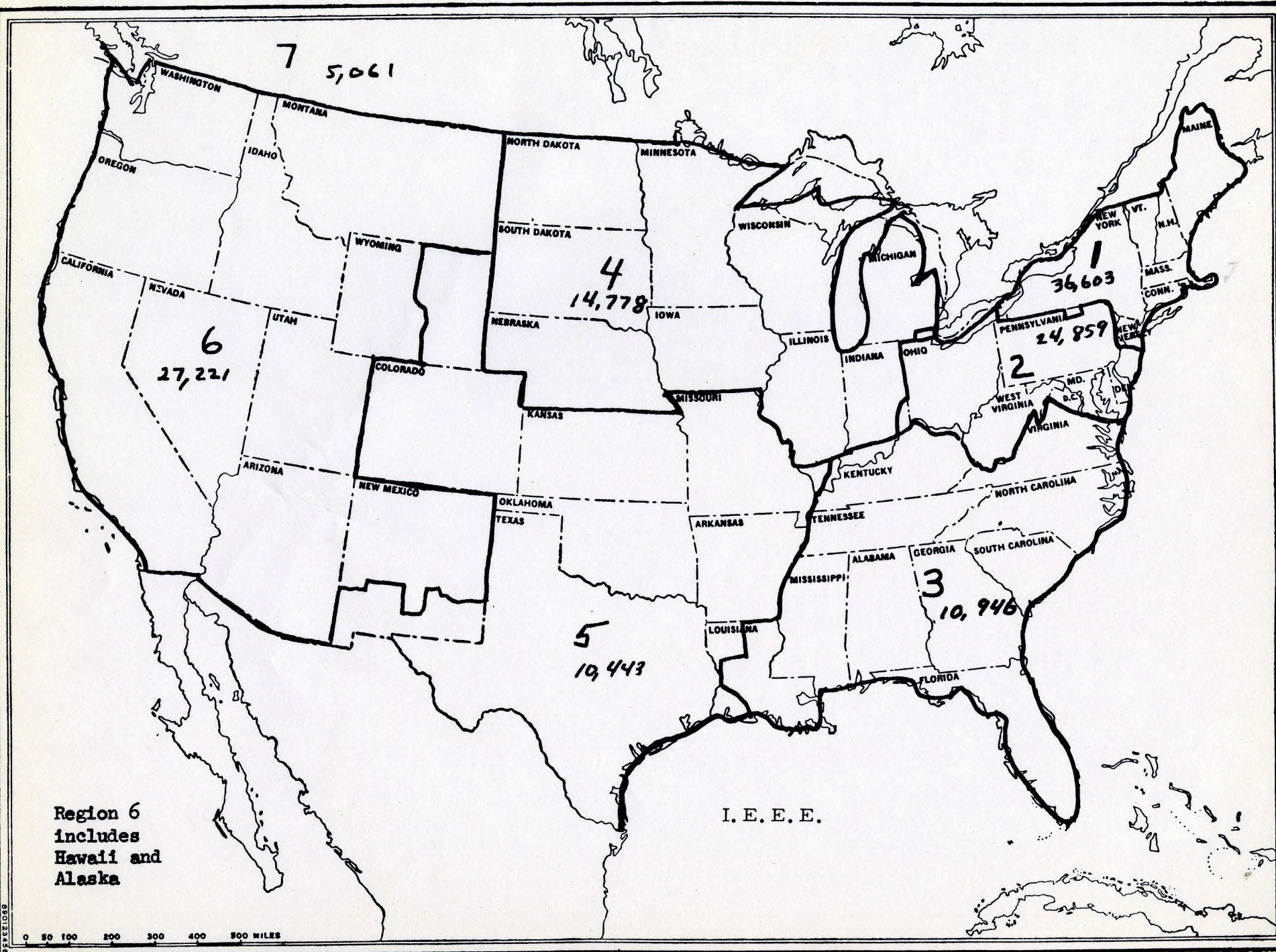
DISTRICT 8 INCLUDES HAWAII

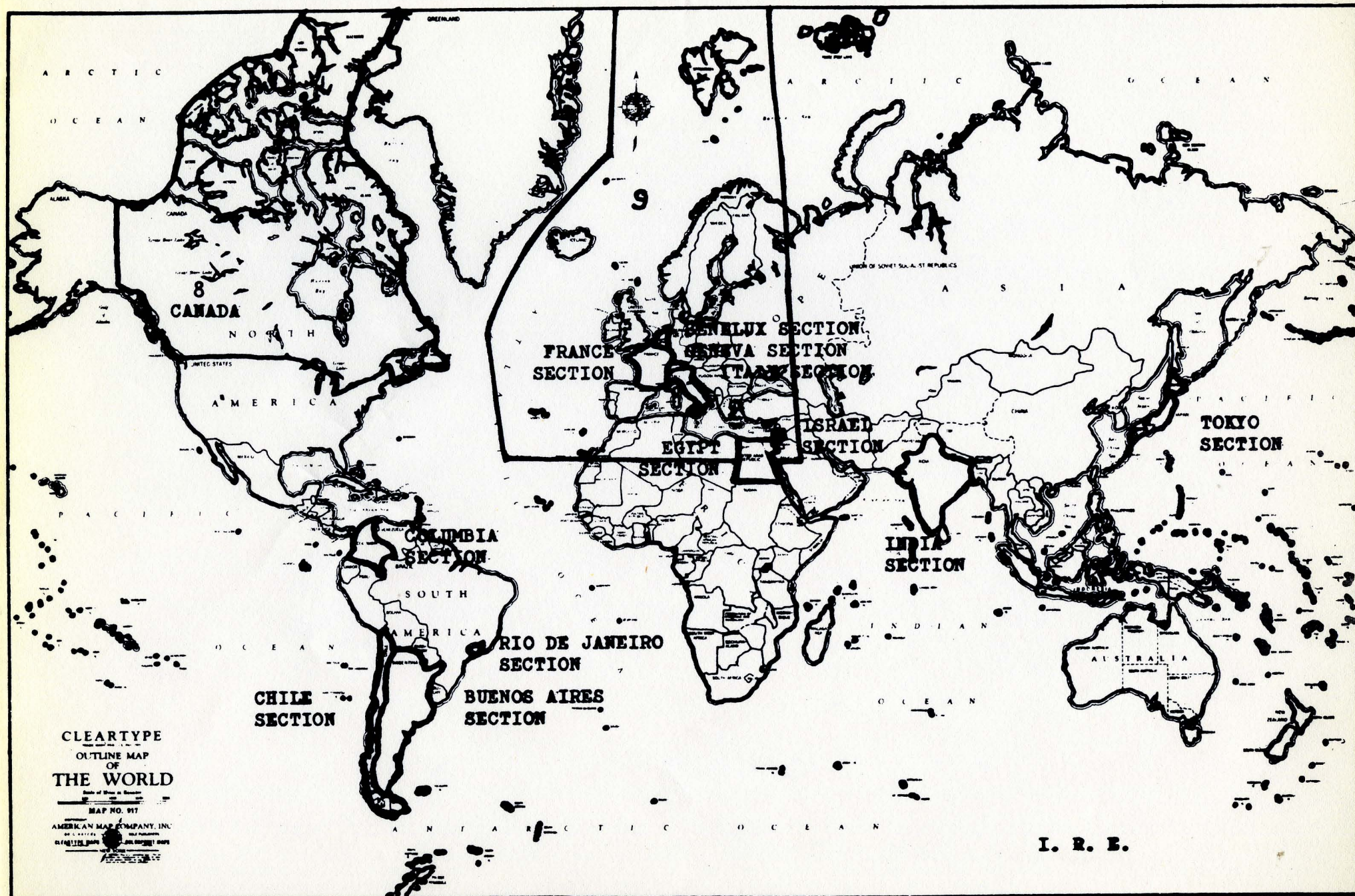
DISTRICT 9 SEATTLE SECTION INCLUDES ALASKA
 VANCOUVER SECTION INCLUDES PROVINCE OF BRITISH COLUMBIA, EXCEPT VANCOUVER ISLAND.

DISTRICT 15 INCLUDES MEXICO

AIEE

DISTRICT TERRITORIES





CLEARTYPE
OUTLINE MAP
OF
THE WORLD

Scale of Miles or Kilometers
MAP NO. 917
AMERICAN MAP COMPANY, INC.
NEW YORK, N. Y.
CHICAGO, ILL.
SAN FRANCISCO, CALIF.

I. R. E.

