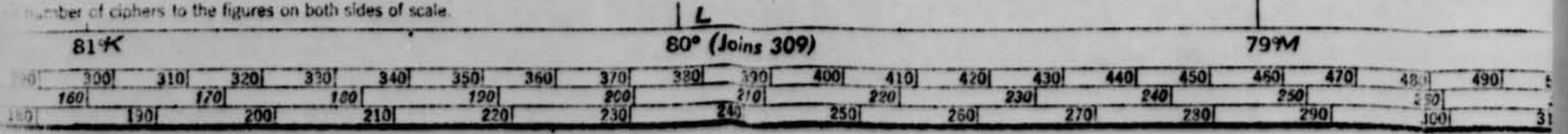
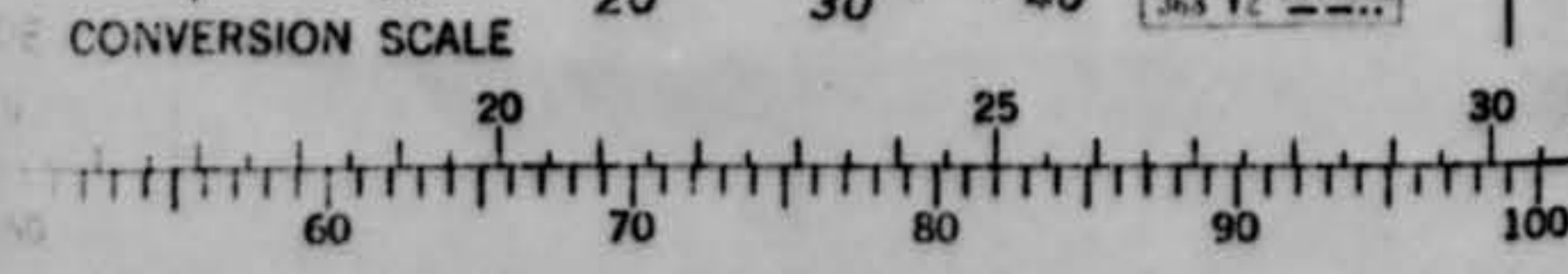


1. DATE - TIME GROUP 1 October 53 1/1230Z	2. LOCATION Harrisville, Michigan	
3. SOURCE Civilian	10. CONCLUSION INSUFFICIENT DATA FOR IDENTIFICATION Insufficient data, distance of flight	
4. NUMBER OF OBJECTS One	11. BRIEF SUMMARY AND ANALYSIS Large, highly reflective object observed to be turning to a heading of 225 deg at an altitude of about 20 deg above the horizon. No flight path or low ship of F-86 type was airborne in the vicinity. The low radar station reported no contact with anything except the gateway lights. Duration too short for aircraft.	
5. LENGTH OF OBSERVATION 3 - 4 seconds	Director Assignment Center Harrisville, Mich.	
6. TYPE OF OBSERVATION Ground-Visual	RETURN TO: 7273.6010 1-31 OCT 1953	
7. COURSE 270 - 225 degrees	SMC	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	f-1	
9. PHYSICAL CHARACTERISTICS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1 Oct Harrisville, Mich. aircraft	

IAN AIR DEFENSE IDENTIFICATION ZONE



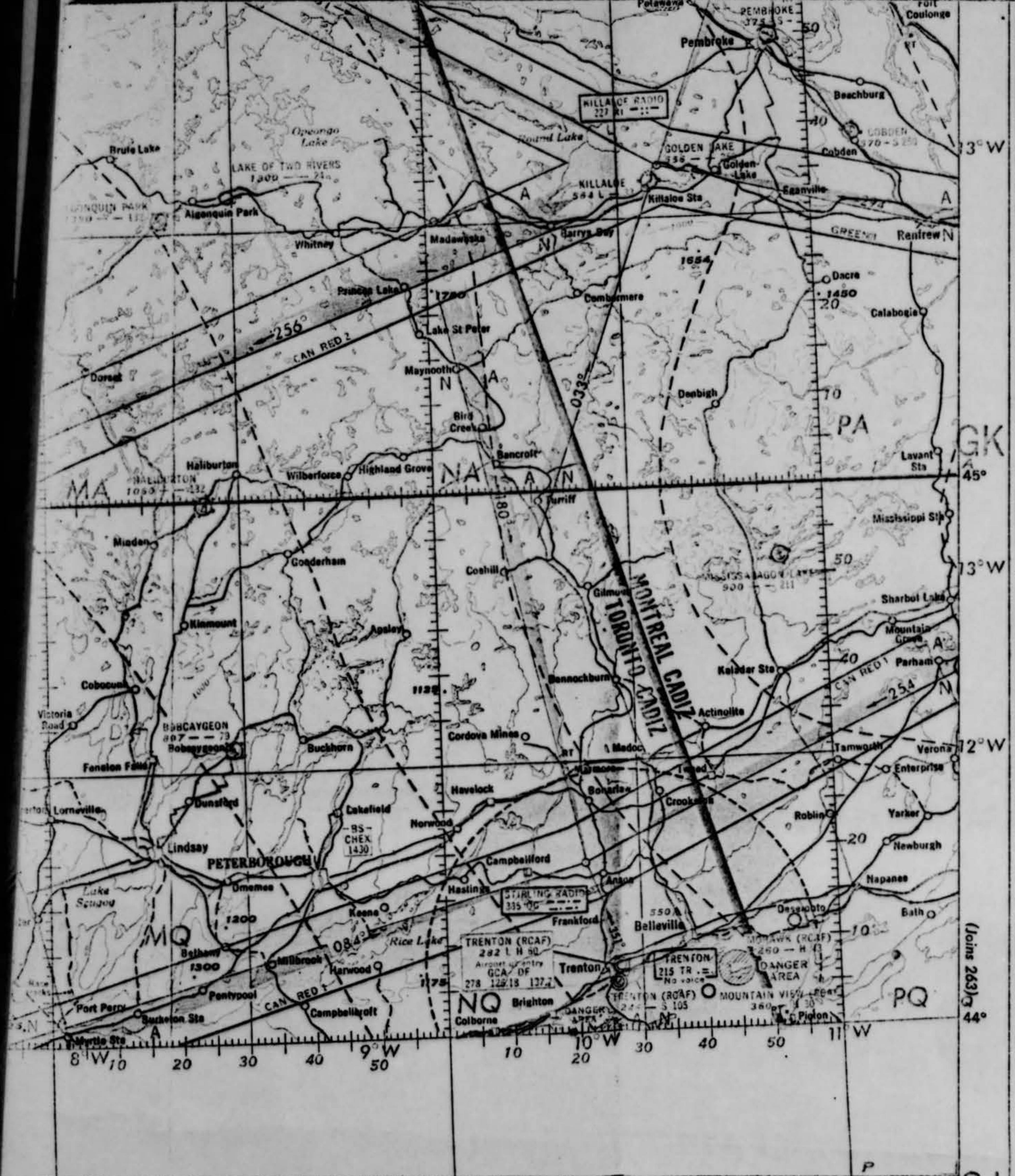
Note: It is requested that users of this chart indicate corrections and additions which come to their attention and comply with mailing instructions on reverse side.

SCALE 1:1,000,000
GEOREF 12-52



Obstructions 500 feet or higher above ground Δ
Obstructions less than 500 feet above ground \triangle

Handwritten mark resembling a stylized 'd' or '2'.



SCALE 1:1,000,000
GEOREF 12-52

17TH EDITION Consult appropriate NOTAMS and Radio Facility Charts for changes in aeronautical information on this chart after May 6, 1953
New edition is published approximately six months

Incl #1.

GEORGIAN BAY (264)
CANADA - UNITED STATES
U.S. AIR FORCE EDITION



(264)

PRICE 25 CENTS

Principal Sources: Canadian Government, U. S. Geological Survey,
 U. S. Dept. of Agriculture, Civil Aeronautics Administration,
 and the U. S. Coast and Geodetic Survey.



AERONAUTICAL CHART SUPPLY

To insure that the airman has the latest information available, U. S. World Aeronautical Charts are revised at six-month periods and the Alaskan World Aeronautical Charts are revised at twelve-month periods.

Chart users are advised to check the list Dates of Latest Prints on display with authorized agents.

CIVIL CHART SUPPLY

Authorized agents for the sale of aeronautical charts have been appointed at certain airports and principal cities throughout the United States. The charts may also be obtained from the Director, U. S. Coast and Geodetic Survey, Washington 25, D. C.

MILITARY CHART SUPPLY

(Ref: AF Reg. 67-3)

1. Aeronautical Charts, Maps and Publications distributed by the Aeronautical Chart and Information Center are indexed or listed in the current edition of the "USAF Catalog of Aeronautical Charts and Aeronautical Information Publications". A Bulletin is also published twice monthly which contains important information such as new editions of charts available, replacement charts, hazardous charts, chart correction notices and other pertinent information pertaining to charts and supply.

2. Requisitioning.

a. Outside Continental United States: USAF activities are to submit requisitions to the appropriate Aeronautical Chart and Information Office located within the applicable theater, in accordance with existing theater directives.

b. Within Continental United States: USAF activities are to submit requisitions to Commanding Officer, Aeronautical Chart and Information Center, 2nd and Arsenal Sts., St. Louis 18, Missouri, Attention: Distribution Division. Requisitions will be submitted on available requisition forms or by letter in quadruplicate. When demand is urgent, wire service may be used. Requisitions submitted from a Base or Station will bear the signature, or approval by indorsement, of the Operations officer. Requisitions from Air Force, Wing, or Command Headquarters will bear the signature of the appropriate staff officer. Quantities of charts and maps requested are to be such as to assure the maintenance of a thirty (30) day supply at all times, but not to exceed a sixty (60) day supply.

3. USAF Requirements for Special Purpose Maps and Charts: Maps and charts for special purposes, specific missions, and also those maps and charts published by other government agencies which may not be listed in the principal types of aeronautical charts in the current edition of the "USAF Catalog of Aeronautical Charts and Aeronautical Information Publications" should be requisitioned from USAF Aeronautical Chart and Information Center, when the request originates in the United States. For those USAF requests originating outside the continental United States, the applicable theater USAF Aeronautical Chart and Information Office should be contacted. Charts will be furnished, if available, when sufficiently identified in requisitions as to name or number, scale, projection and publisher. If this information is unknown to requestor, a description of the information required on chart or map should be furnished.

4. Obsolete Charts: Aeronautical charts rendered obsolete by printing of a new edition shall be salvaged if not practicable to correct for conformity with new edition. Disposition is to be made in accordance with provisions of AFR 67-3. Disposition of classified charts is to be made in accordance with provisions of AFR 205-1.

CORRECTION INSTRUCTIONS

1. The Coast and Geodetic Survey is making every effort to furnish the user with accurate charts. The user will materially assist in this effort by marking corrections of aeronautical information, drainage, relief and cultural features (roads, canals, power lines, etc.) on the face of the chart, on an overlay of the area, or under "Remarks" below. In reporting elevation corrections, state method used by observer in making the determination.

- Mark correction on face of chart or under "Remarks" below.
- Fold chart along regular fold lines, but with back out.
- Make an extra fold along dotted line and staple at points so marked.
- Fill in the return address and drop the chart in any U.S. mail box. Postage is not required.

Remarks:

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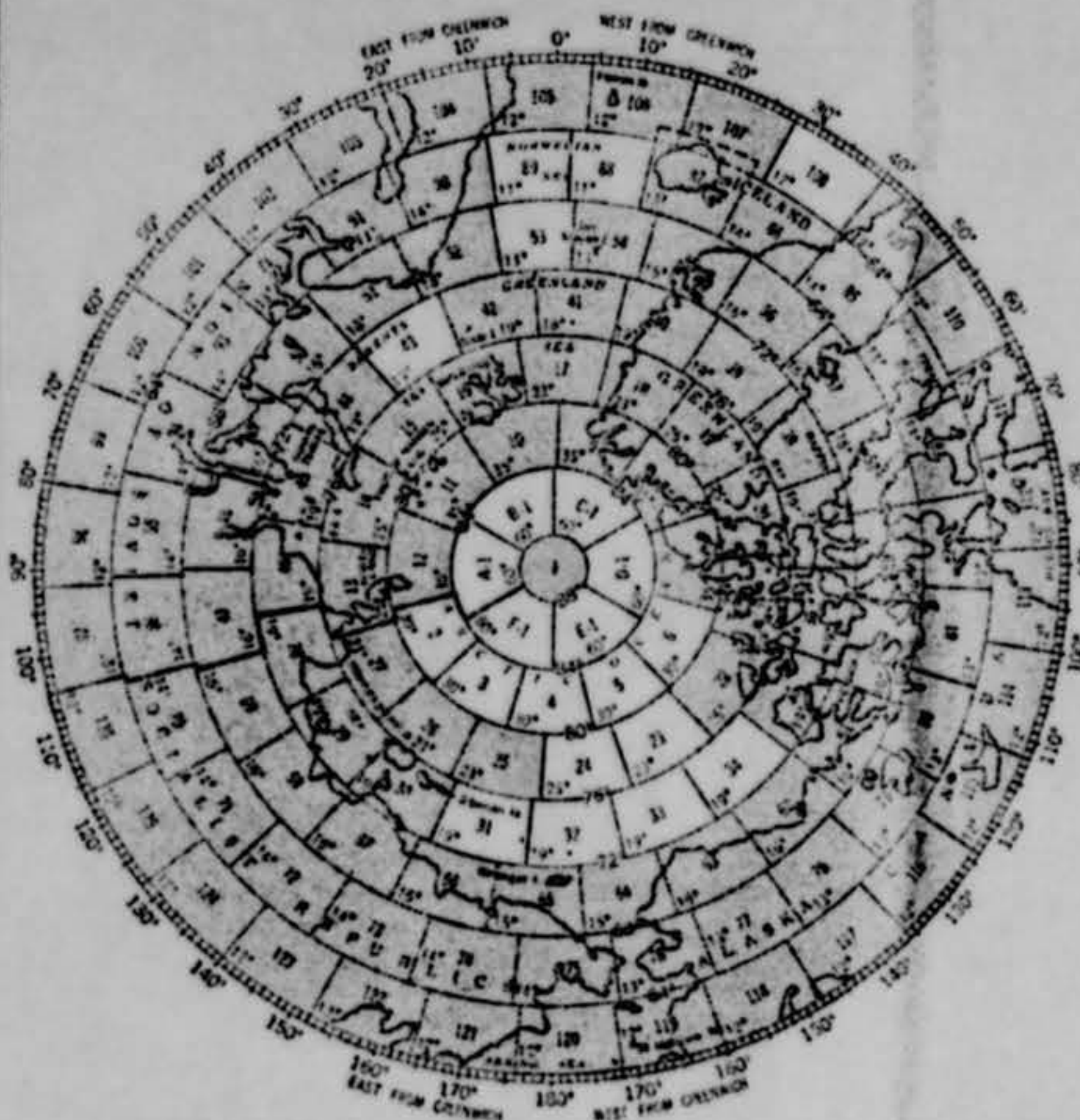
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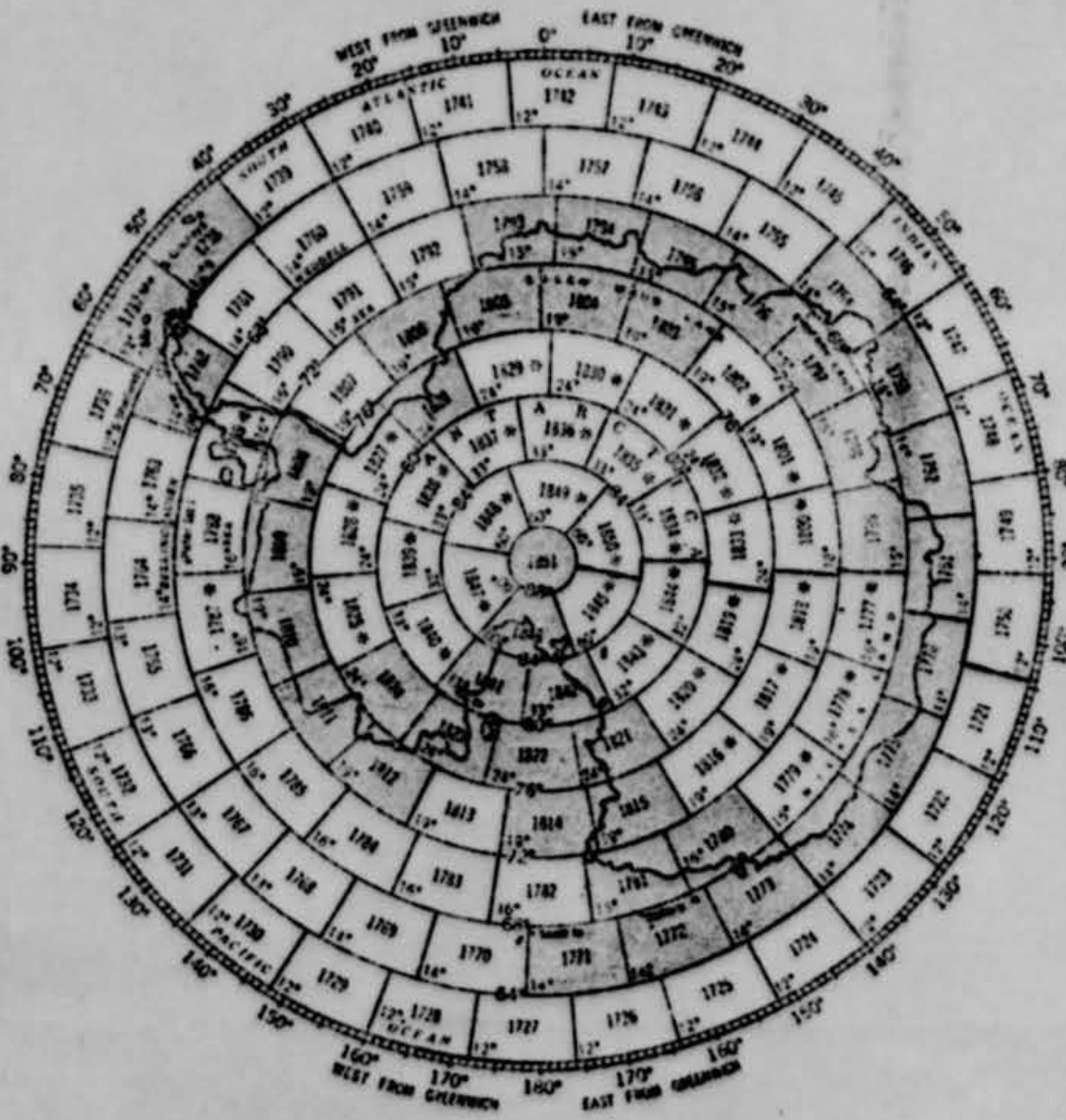


*Indical
charts
charts

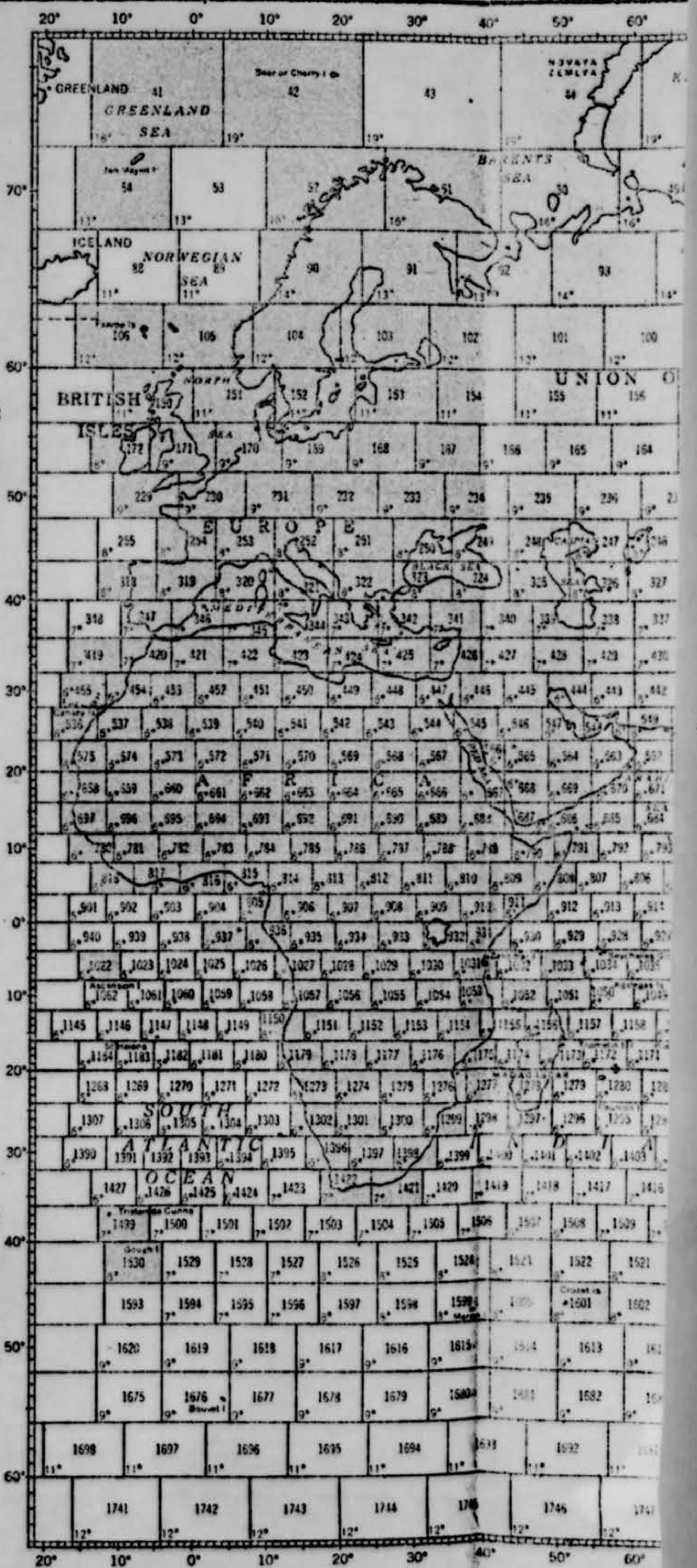
NORTH POLAR AREA

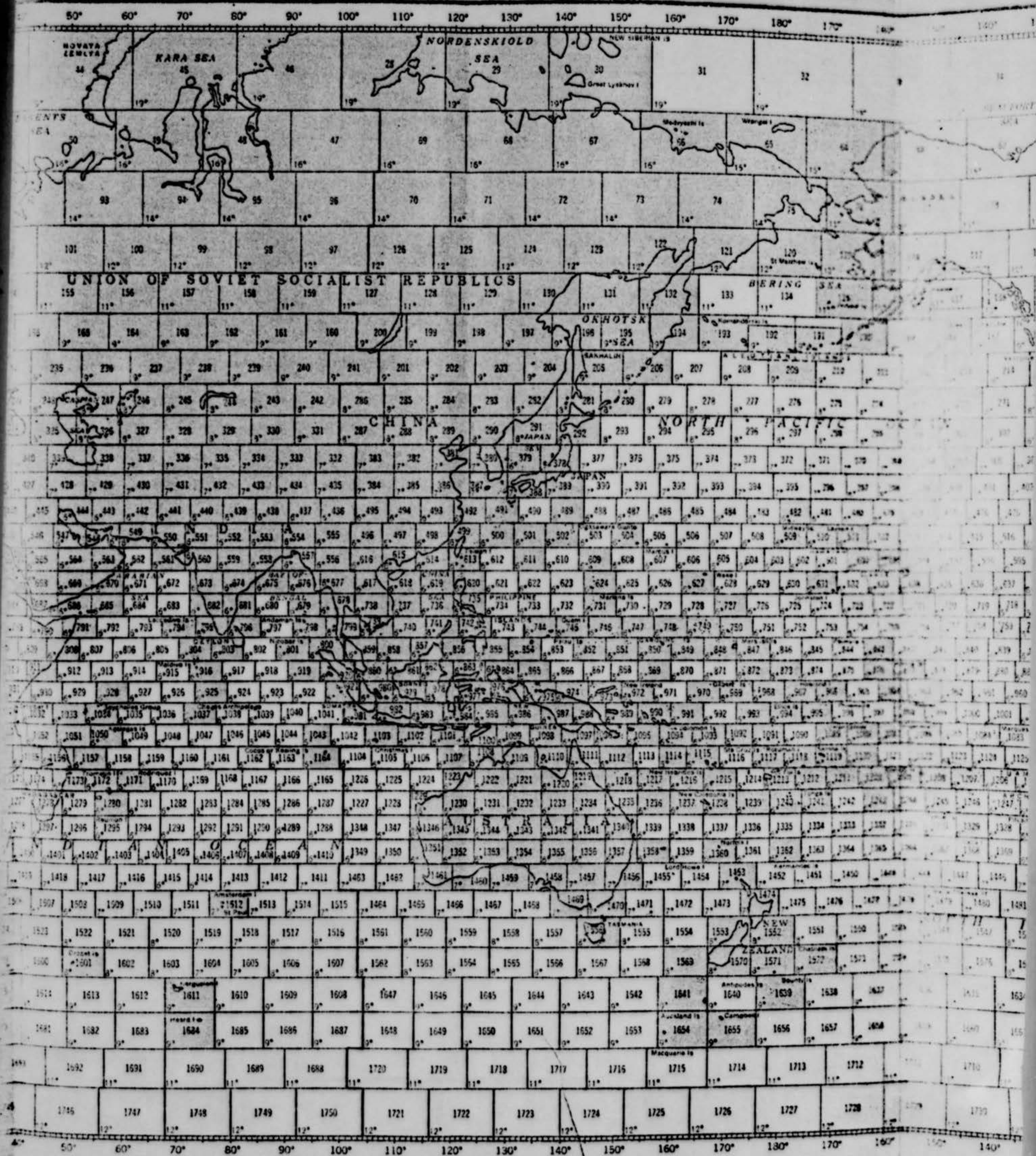


SOUTH POLAR AREA



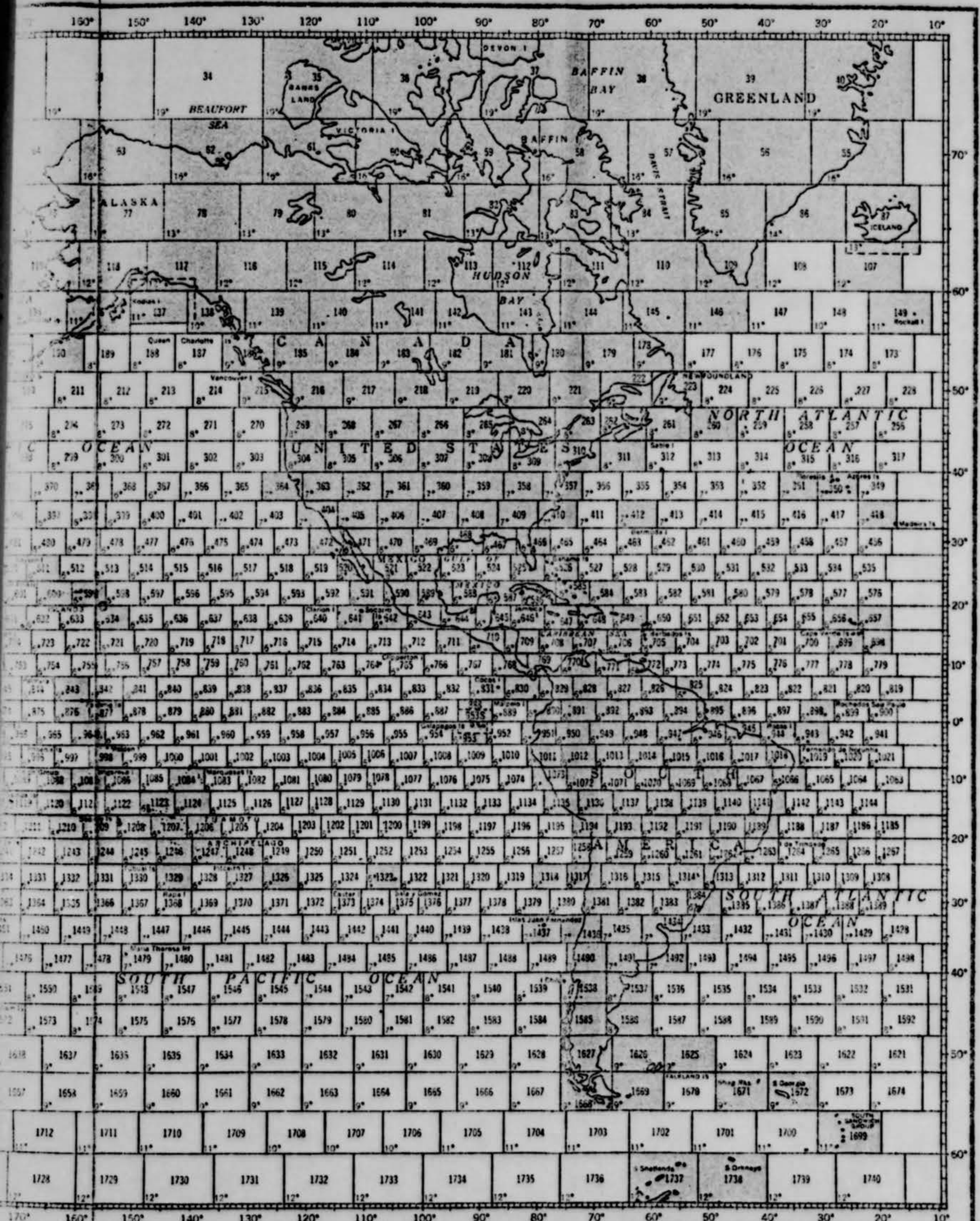
*Indicates that there is not sufficient information available to compile charts in this area at a scale of 1:1,000,000. Requisitions for these charts will be filled with the appropriate Universal Water Chart.





WORLD AERONAUTICAL CHART INDEX

Scale of Series 1:1,000,000



UNIVERSAL WATER CHARTS

Universal Water Charts (Scale 1:1,000,000; size 29 x 22 inches) covering 4° of lat. have been published for use in place of the World Aeronautical Charts in water areas. The user must insert the appropriate long. values for the particular area desired. Water tint is printed within the normal geographical limits and the chart is designed for use in both north and south latitudes.

NOTE: Requisition these charts by name and latitude interval.
 Example: WAC-225 would be **WATER-48/52**

Charts published

Charts not published

STAPLE HERE

STAPLE HERE

FROM _____

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300

OFFICIAL BUSINESS
PERMIT NO. 1009

To:
The Director
U.S. Coast and Geodetic Survey
Washington, 25, D.C.

STAPLE HERE

STAPLE HERE

..... MAKE EXTRA FOLD HERE TO RETURN TO DIRECTOR, USC&GS

U. S. DANGER AREAS ON WORLD AERONAUTICAL CHART 264

NO.	NAME	ACTIVITY	USING AGENCY	ALTITUDE	TIME
D-81	Oscoda	Bombing and Gunnery	Wurtsmith AFB, Mich.	Unltd.	Days
D-91	Upper Lake Huron	Aerial Gunnery	Wurtsmith AFB, Mich.	Unltd.	Days
D-362	Lake Margrethe	Small Arms Firing	Hdqs. 5th Army, Chicago, Ill.	To 2,000	Unltd.
D-373	Camp Grayling	Artillery Firing	Hdqs. 5th Army, Chicago, Ill.	To 20,000	Unltd.
D-424	Hammond Bay	Air-to-Air Gunnery	Kinross AFB, Mich.	Unltd.	Days

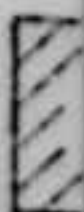
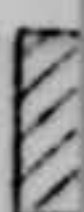
Altitude given in feet. AR - Airspace Reservation (Prohibited) C - Caution D - Danger W - Warning 5-6-53

No person shall operate an aircraft within an Airspace Reservation or Danger Area unless permission for such operation has been issued by appropriate authority.

Aircraft are not restricted from flying through Caution Areas; however, extreme caution should be exercised by pilots flying through such areas.

R
R
R
F

O
O
G
P
M
I
R



AERONAUTICAL SYMBOLS

AERODROMES

Aerodromes with facilities

LAND	WATER	
		Civil
		Joint Civil and Military
		Military

Aerodromes with emergency or no facilities

LAND	WATER	
		Landing Area Sheltered Anchorage

TO AVOID
S.E. 1300

AERODROME DATA AND LANDING FACILITIES INFORMATION

LAND		WATER	
	908 Elevation in feet	00 Elevation in feet	
1 Minimum lighting	1 Minimum lighting	S Normal sheltered take-off area	
H Hard surfaced runway	41 Length of longest runway in hundreds of feet	62 Length of longest runway in hundreds of feet	

The facility code character is replaced by a dash if specific information is not available or if the facility itself is not available.

GCA SYSTEM - Ground Control Approach System. Other controlled approach systems by appropriate abbreviation.
278 125.18 2270 - Control tower transmitting frequencies

AIR NAVIGATION LIGHTS

Rotating Light.....*	Flashing Light (With code).....Fl *
Rotating Light (With flashing code lights).....*	Lightship.....
Rotating Light (With course lights and site number).....12 *	Marine Light.....Occ W R G
Flashing Light.....Fl *	

F—Fixed Q_uFl—Quick Flashing Occ—Occulting Gp—Group W—White B—Blue SEC—Sector
Fl—Flashing I_uQ_uFl—Interrupted Quick Flashing Alt—Alternating R—Red G—Green (U)—Unwatched sec—Second

Marine lights are white unless colors are indicated; alternating lights are red and white unless otherwise indicated

MISCELLANEOUS

Obstruction, less than 500 feet above ground..... ¹²¹⁹ ▲	Reporting Point (Compulsory).....▲
Obstruction, 500 feet or higher above ground..... ¹⁹³⁷ ▲ (Numerals indicate elevation above sea level of top)	Reporting Point (Non-compulsory).....▲
Group Obstruction.....▲	Ocean Station Vessel (Normal position).....
Prominent Transmission Line.....—T—T—	International Boundary..... (Closed to passage of aircraft except through air corridor)
Mooring Mast.....┌	
Isogonic Line.....—4°E— Values for 1950	

Restricted areas are numbered, and are indicated on the charts as follows:

	Prohibited Area — Flight of aircraft prohibited except by specific authority of using agency
	Danger, Restricted or Warning Area — Invisible hazards to air navigation
	Caution Area — Visible hazards to air navigation

TIME

Days
Days
Unltd.
Unltd.
Days

5 6 53

STAPLE HERE

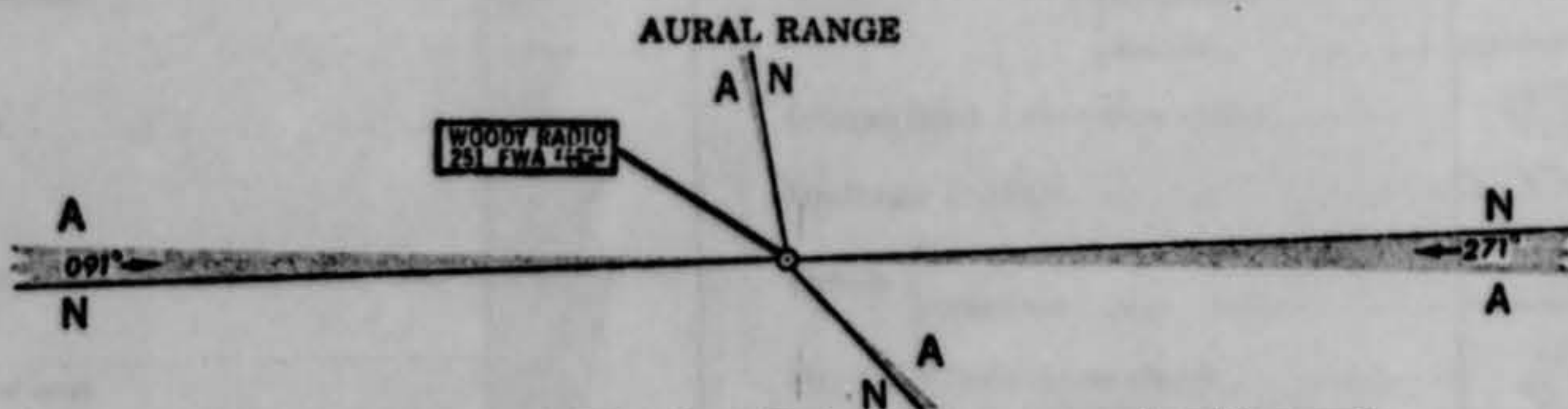
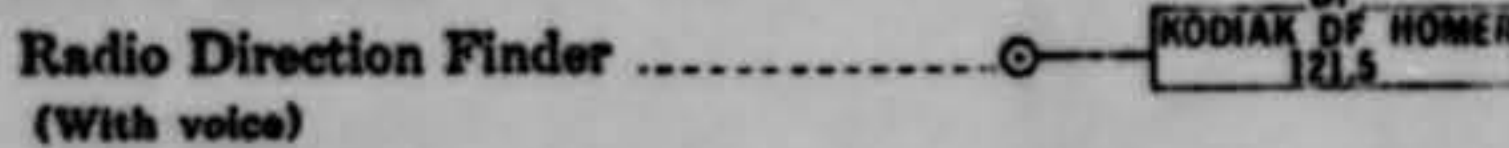
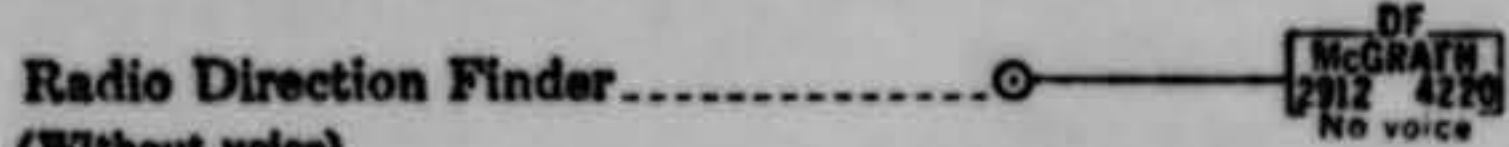
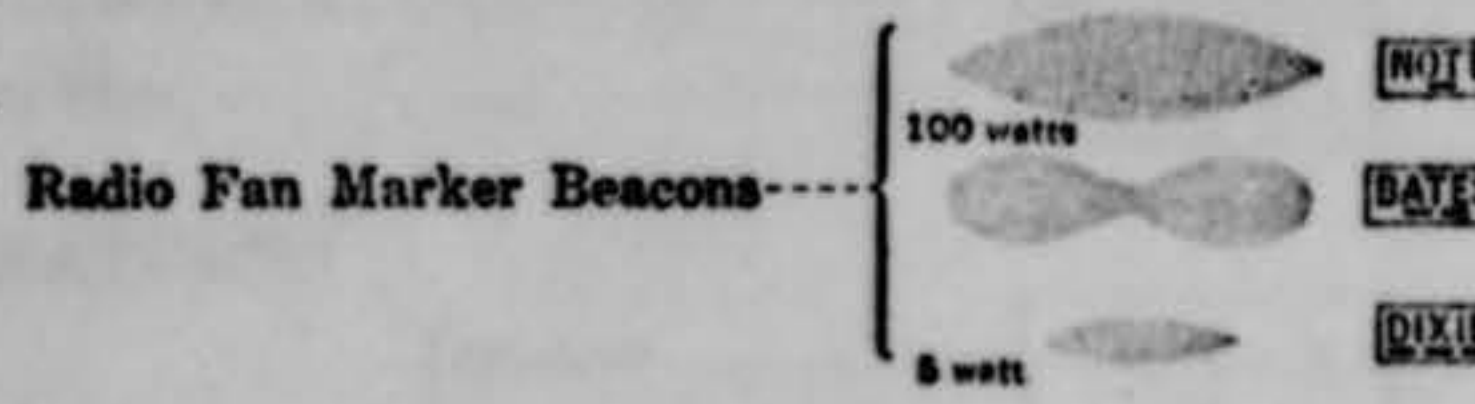
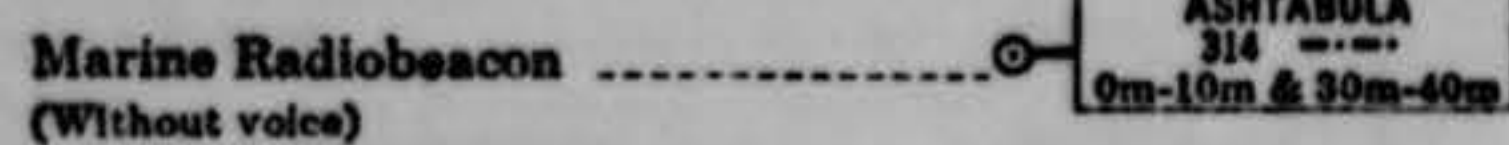
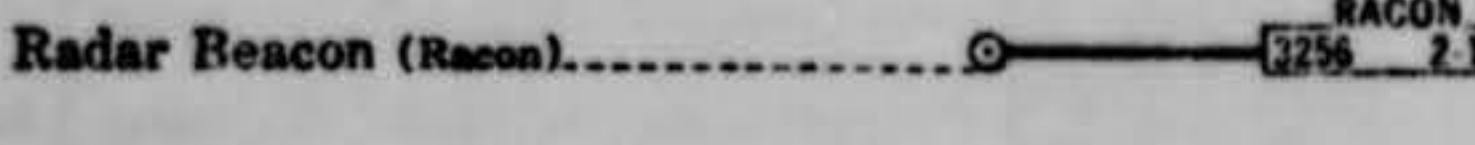
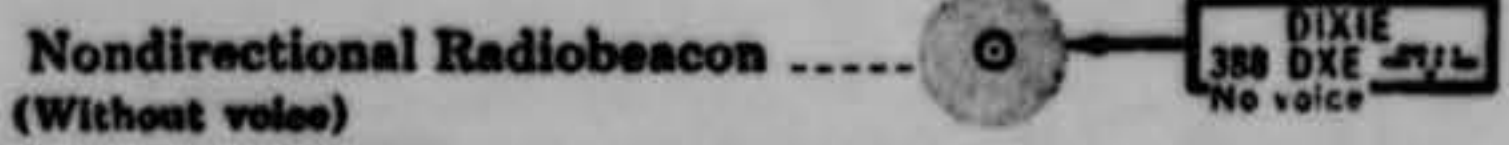
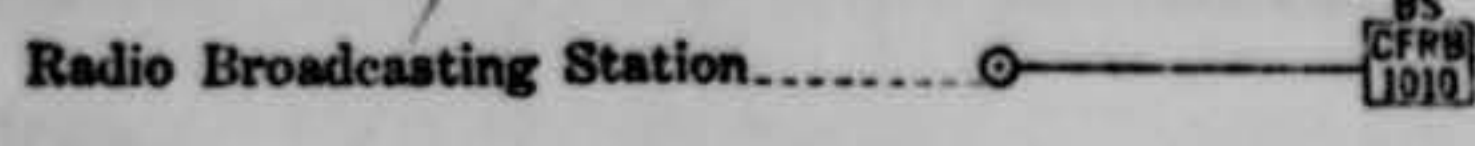
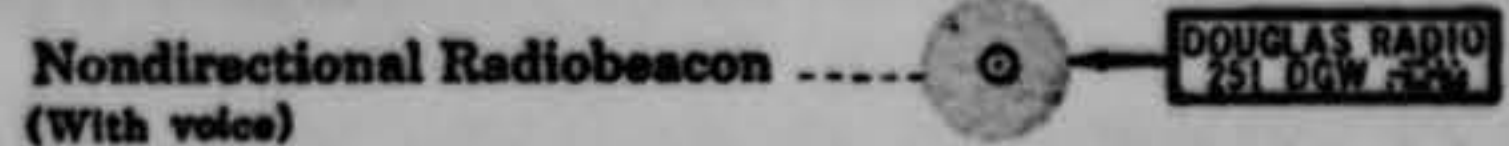
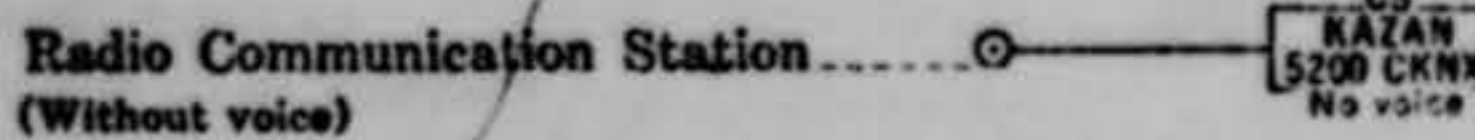
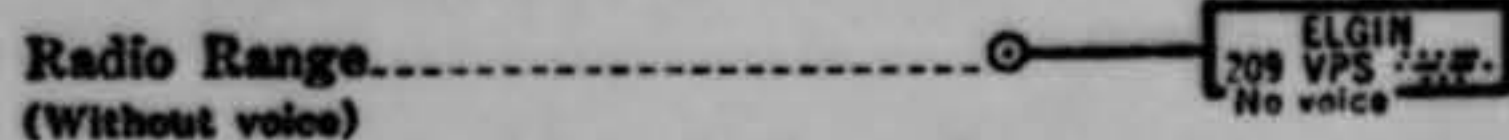
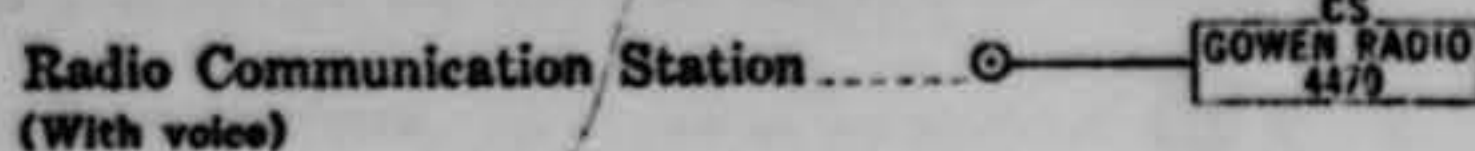
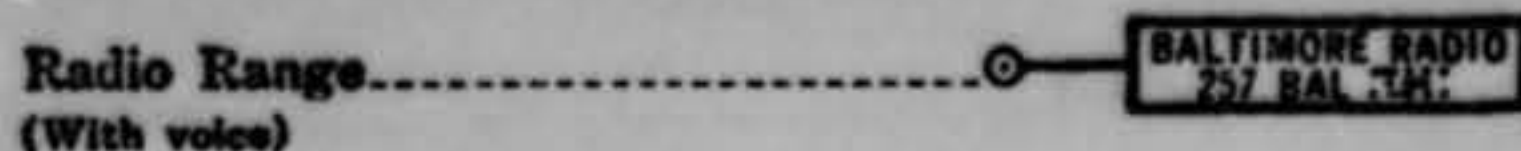
AERONAUTICAL SYMBOLS

RADIO FACILITIES

All radio facility data are printed in blue with the exception of certain LF/MF facilities such as tower frequencies, radio ranges and associated airways, which are printed in magenta.

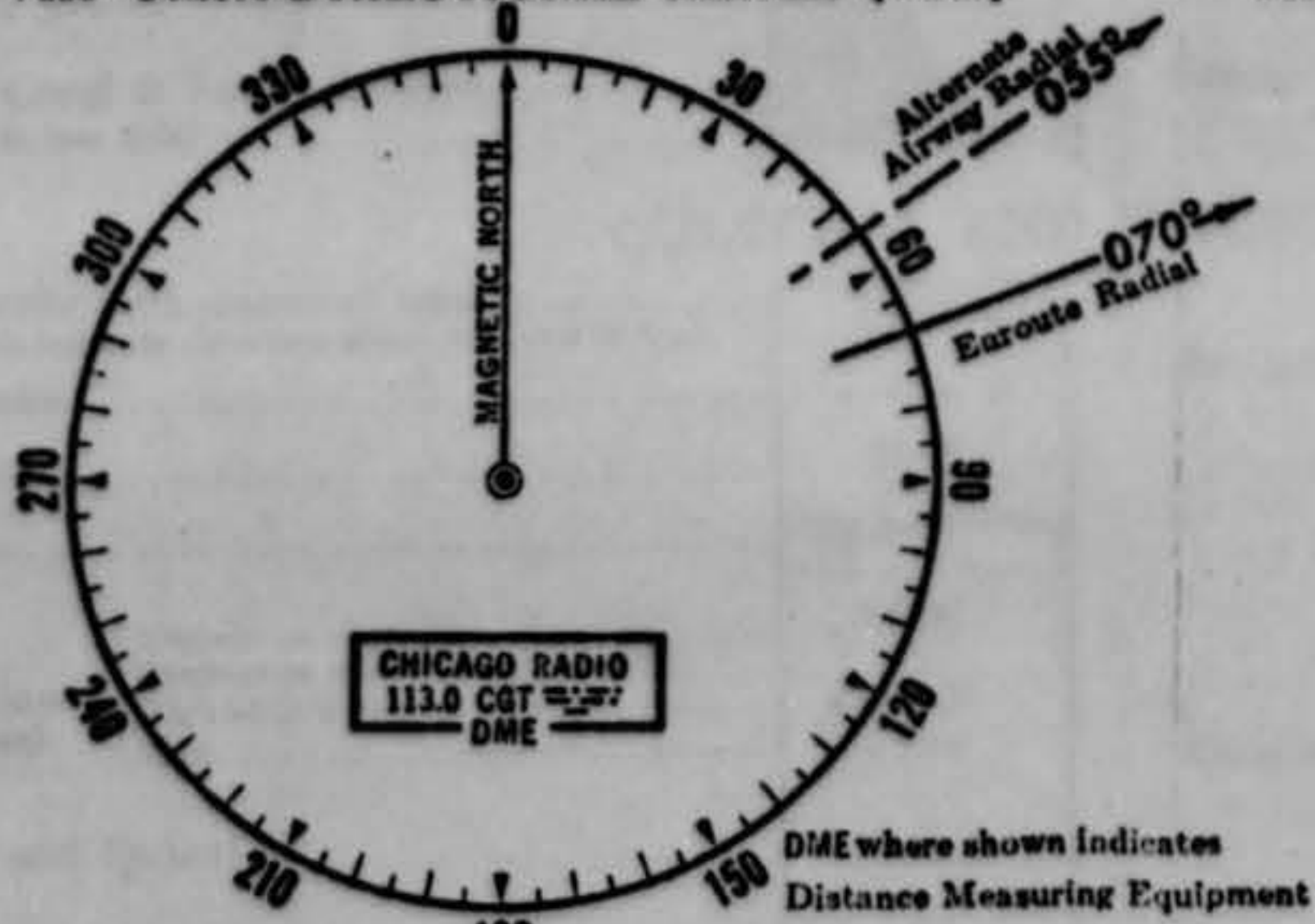
Methods of indicating specific voice and CW calls are shown below

Use of the word "Radio" within the box indicates voice facilities.



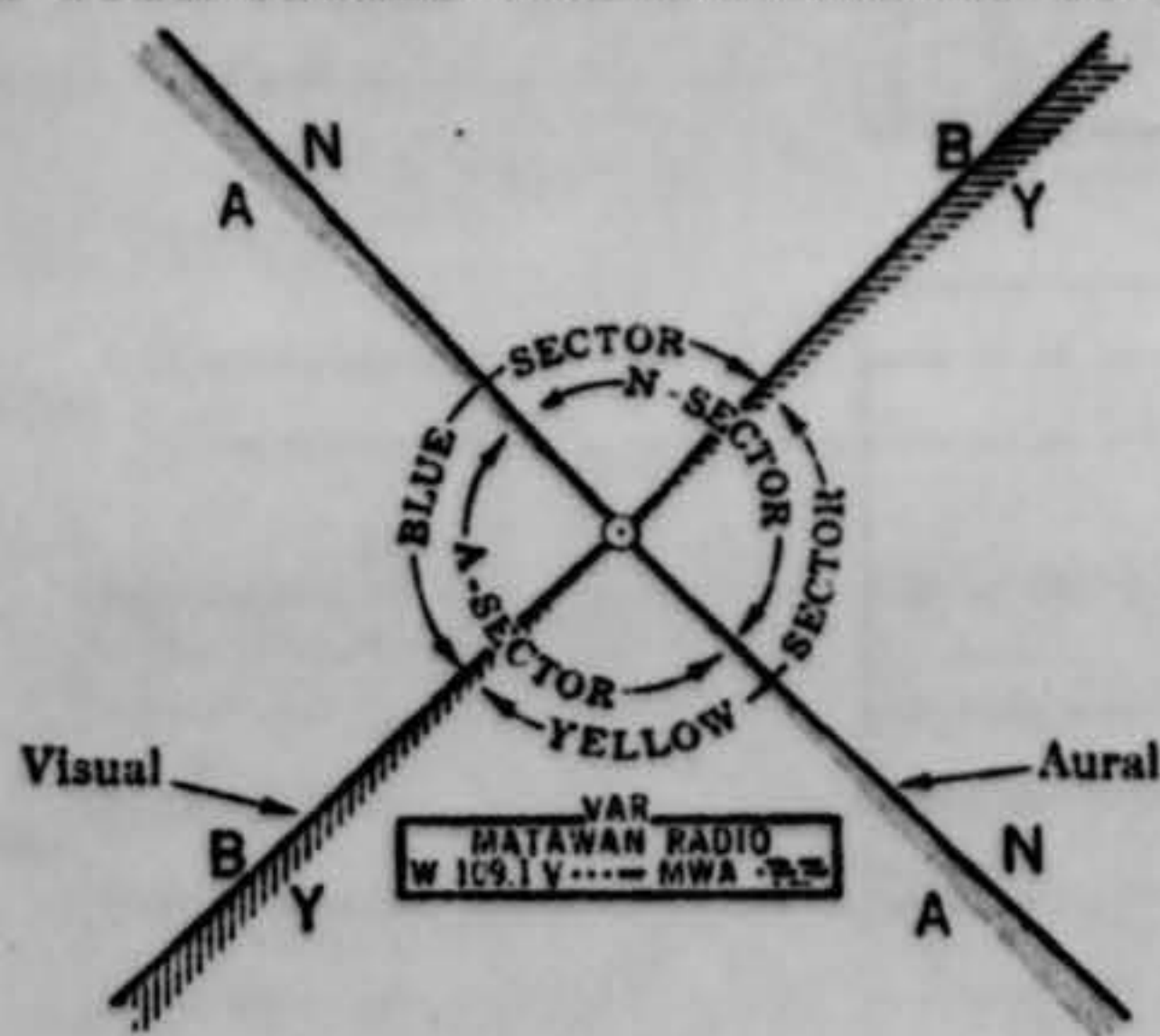
The heavy line indicates the "N" quadrant. The bearings shown are magnetic and the magnetic variation at the position of the ground station is used for computing them.

VHF OMNI-DIRECTIONAL RANGE (VOR)



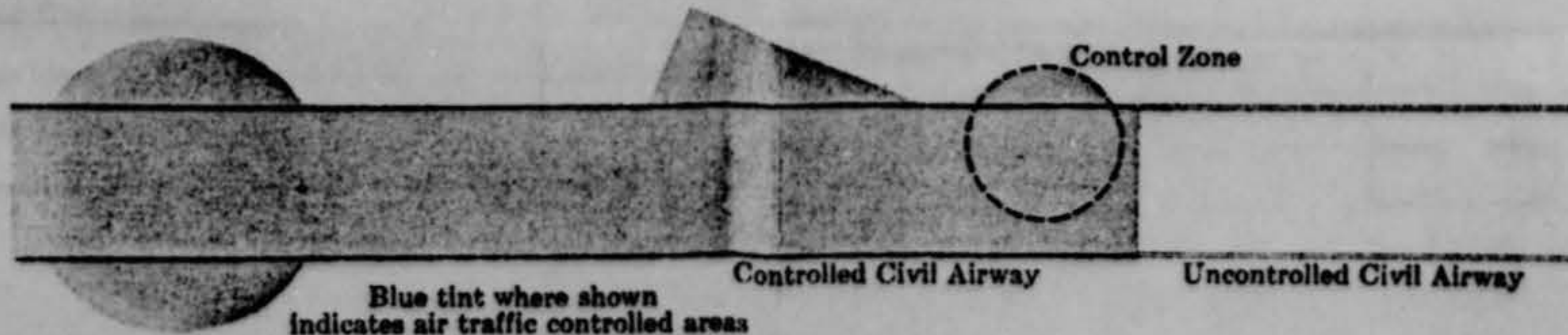
Bearings are magnetic from the station
Radius of circle is 15 nautical miles.

VHF FOUR COURSE VISUAL-AURAL RANGE (VAR)



Letter preceding frequency in box indicates channel identification.

AIR TRAFFIC CONTROL



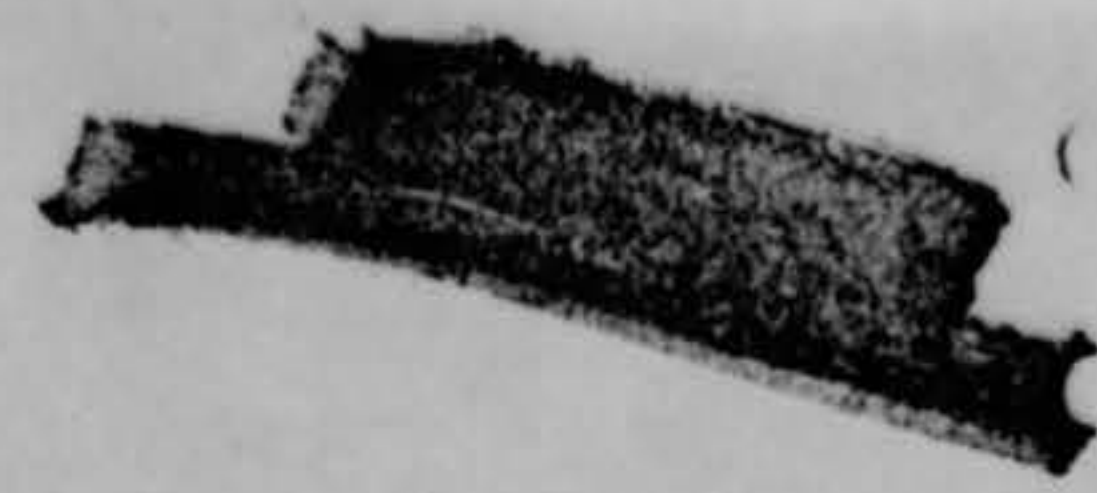
Blue tint where shown indicates air traffic controlled areas

Metro
Large
Cities
Small
Large
Town
Conto
Levee
Hacht
Bluffs
Swan
Tidal
(Expos
Dang
Rocks
Shoal
(Expos
Sprin
Wells
Reefs
(Awaal
Land
(Nume
Oil T
Oil F
Dams
Elev
(In
Mine
Mour
Look
Coast
Pipe
Race
Strat

ATC

UNCLASSIFIED

Action



20 OCT 1953 10z

Am

*S. Atea
B.
4. R. file*

RB185

WPE226

YMB149

YYB156

JEDFJ A148

PP JEDEN JEDWP JEPHQ 333

DE JEDFJ 17B

P 021930Z ZNJ

FM COMDR 527TH AIR DEF GP WURTSMITH AFB MICH

TO JEPHQ/DIR OF INTELLIGENCE HQ USAF WASH 25 DC

JEDWP/AIR TECH INTELLIGENCE CENTER WRI PATT AFB OHIO

INFO JEDEN/CG ADC ENT AFB COLO SPGS COLO

UNCLASSIFIED

26 052 PD SUBJ CLN RLYOBRPT PD SINGLE ROUND

OBJECT SIGHTED CMA HIGHLY REFLECTIVE SILVER COLOR CMA NO NOISE OR
EXHAUST TRAIL CMA DISAPPEARING IN DISTANCE PD SIGHTED 0830 EST 1 OCT
53 CMA OBSERVED 3 SECONDS PD VISUAL SIGHTING BY CIVILIAN AT 44 DEGREES
38 MINUTES LATITUDE CMA 83 DEGREES 20 MINUTES LONGITUDE 1 MILE WEST
OF HARRISVILLE CMA MICHIGAN PD OBJECT APPEARED 5 TO 10 MILE SOUTH 20
DEGREES ABOVE HORIZON TURNING TO HEADING 225 DEGREES PD WX CONDITIONS
EXCELLENT CMA MODERATE WINDS ALOFT CMA NO PHYSICAL EVIDENCE PD NO
RADAR CONTACT PD 7 F-86 TYPE AIRCRAFT AIRBORN IN VICINITY AT 0820 TO
0850 EST PD END

-5 OCT 1953 09 57

1003393

02/2010Z OCT JEDFJ

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10



UNCLASSIFIED

TOPOGRAPHICAL SYMBOLS

CITIES AND TOWNS

Metropolitan Areas.....	NEW YORK	
Large Cities.....	RICHMOND	
Cities.....	ARLINGTON	
Small Cities.....	Freehold	
Large Towns.....	Corville	
Towns & Villages.....	Arcola	

HIGHWAYS AND ROADS

Dual Lane and Super Highways.....	
Primary Roads.....	
Secondary Roads.....	
Trails.....	
U. S. Road Markers.....	
National, State or Provincial Road Markers.....	
Road Names.....	

RELIEF FEATURES

Contours { Reliable.....		Sand { Dunes.....	
{ Approximate.....		{ Areas.....	
{ Depression.....		{ Ridges.....	
Levees or Eskers.....		Lava Flow.....	
Hachures.....			
Bluffs, Cliffs & Escarpments.....			

HYDROGRAPHIC FEATURES

Swamps & Marshes.....		Streams & Rivers { Perennial.....	
Tidal Flats (Exposed at low tide).....		{ Intermittent.....	
Danger Line.....		{ Probable or Unsurveyed.....	
Rocks Awash.....		{ Braided.....	
Shoals (Exposed at low tide).....		Intermittent Lakes (blue stipple).....	
Springs.....		Drainage Ditches.....	
Wells & Water Holes.....		Canals { In use.....	
Reefs, Coral & Rocky Ledges (Awash at low tide).....		{ Abandoned.....	
		Dry Lake Beds (brown stipple).....	
		Sand Deposits in river bed.....	
	Dry Washes (brown stipple).....		
	Glaciers and Ice Caps.....		

CULTURAL AND MISCELLANEOUS

Landmarks (with appropriate note).....		Boundaries { International.....	
(Numerals indicate elevation above sea level of top).....		{ State & Provincial.....	
Oil Tanks.....		Abandoned or Under Construction.....	
Oil Fields.....		Single Track.....	
Dams.....		Multiple Track.....	
Elevations { Highest on chart.....		Sidings & Spurs.....	
{ Highest on chart is devoid of tint.....		Overpass.....	
{ Highest in a general area.....		Underpass.....	
{ Spot.....		Bridges { Railroad.....	
Mines and Quarries.....		{ Highway.....	
Mountain Passes.....		Tunnels { Railroad.....	
Lookout Stations (Elevation in base of tower).....		{ Highway.....	
Coast Guard Stations.....			
Pipe Lines.....			
Race Tracks or Stadiums.....			
Stranded Wrecks.....			

[REDACTED]
(CLASSIFICATION)

01/0930
HARRISVILLE 13
MICH

COUNTRY UNITED STATES	REPORTING OFFICER [REDACTED]	CLASSIFICATION UNCLASSIFIED	(LEAVE BLANK)
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AIR INTELLIGENCE INFORMATION REPORT

SUBJECT FLYOBPT		
AREA REPORTED ON Traverse City ADIZ, Michigan	FROM (Agency) Wurtsmith Air Force Base	
DATE OF REPORT 2 October 1953	DATE OF INFORMATION 1 October 1953	EVALUATION
PREPARED BY (Officer) 1st Lt., GEORGE E. SHAW	SOURCE Earnest L. Kaumitz, Civilian	
REFERENCES (Control number, directive, previous report, etc., as applicable) None		

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

Single round object sighted at 0830 hours on 1 October 1953 at Grid Coordinates GJGQ4438 (Harrisville, Michigan). Heading 270 degrees turning to 225 degrees, then disappearing. Object appeared 20 degrees above the horizon on a heading 130 degrees from observation location local Radar Station reported no unknown tracks.

7 F-86 type aircraft airborne in vicinity.

Significance - Unknown.

DOWNGRADED AT 3 YEAR IN
DECLASSIFIED AFTER 12
DOD DIR 5200.10

- 2 INCL.
- Incl #1 - World Air Chart (264) Showing Flight Path
 - Incl #2 - AF Form 112 Part 2

UNCLASSIFIED

DISTRIBUTION BY ORIGINATOR Director of Intelligence, Headquarters USAF, Washington 25, D.C. Chief, Air Technical Intelligence Center, ATTN: ATIAA-2c, Wright-Patterson AFB, Ohio
--

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U. S. C.—31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY OTHER THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, USAF.

[REDACTED]
(CLASSIFICATION)

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency) 63rd Ftr Intcp Sq, Intell. Off. Wurtsmith AFB, Oscoda, Michigan	REPORT NO.	PAGE 1 OF 1 PAGES
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At 0830 EST, 1 October 1953, Mr. [REDACTED], Bay City, Michigan observed, visually, an unknown flying object approximately 5 miles south of Harrisville, Michigan. Mr. [REDACTED] describes the object that he saw as being round, highly reflective, and in a turn when he observed it. The object appeared to be turning to a heading of 225 degrees at an altitude of about twenty degrees above the horizon. Observer was unable to detect any noise or exhaust trail of any type. Object was observed for approximately 3 to 4 seconds before being lost from sight.

Two flights plus one tow ship of F-86 type aircraft were airborne in the immediate area at 20,000 feet firing gunnery. The local radar station reports no contact except with the gunnery flights.

Weather at the time of sighting was clear with twenty to thirty miles visibility.

Mr. [REDACTED] reported a similar sighting on 28 September 1953 from a location 1 1/2 miles distant to the location of this sighting.

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U. S. C. — 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT MAY NOT BE REPRODUCED IN WHOLE OR IN PART, BY OTHER THAN UNITED STATES AIR FORCE AGENCIES, EXCEPT BY PERMISSION OF THE DIRECTOR OF INTELLIGENCE, USAF.

(264) GEORGIAN BAY

ELEVATION

GK

(Joins 220) 85°W 6°W

7°W 84°G

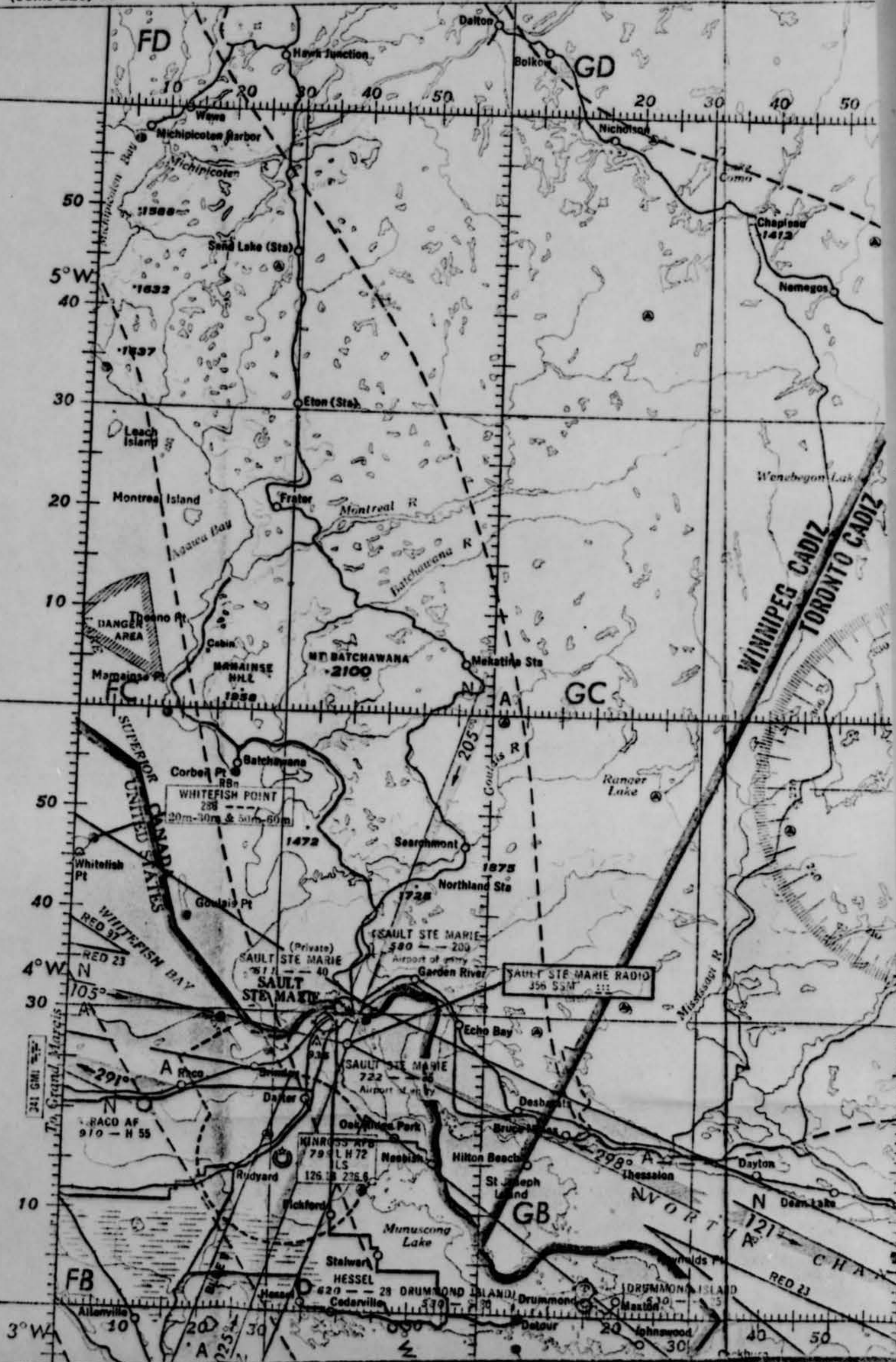
D 48°
(Joins 265)

C 47°

ELEVATIONS
IN FEET

3000
2000
1000
Sea Level

CAUTION—Gradient lines delimited by dashed contour lines indicate approximate relief only



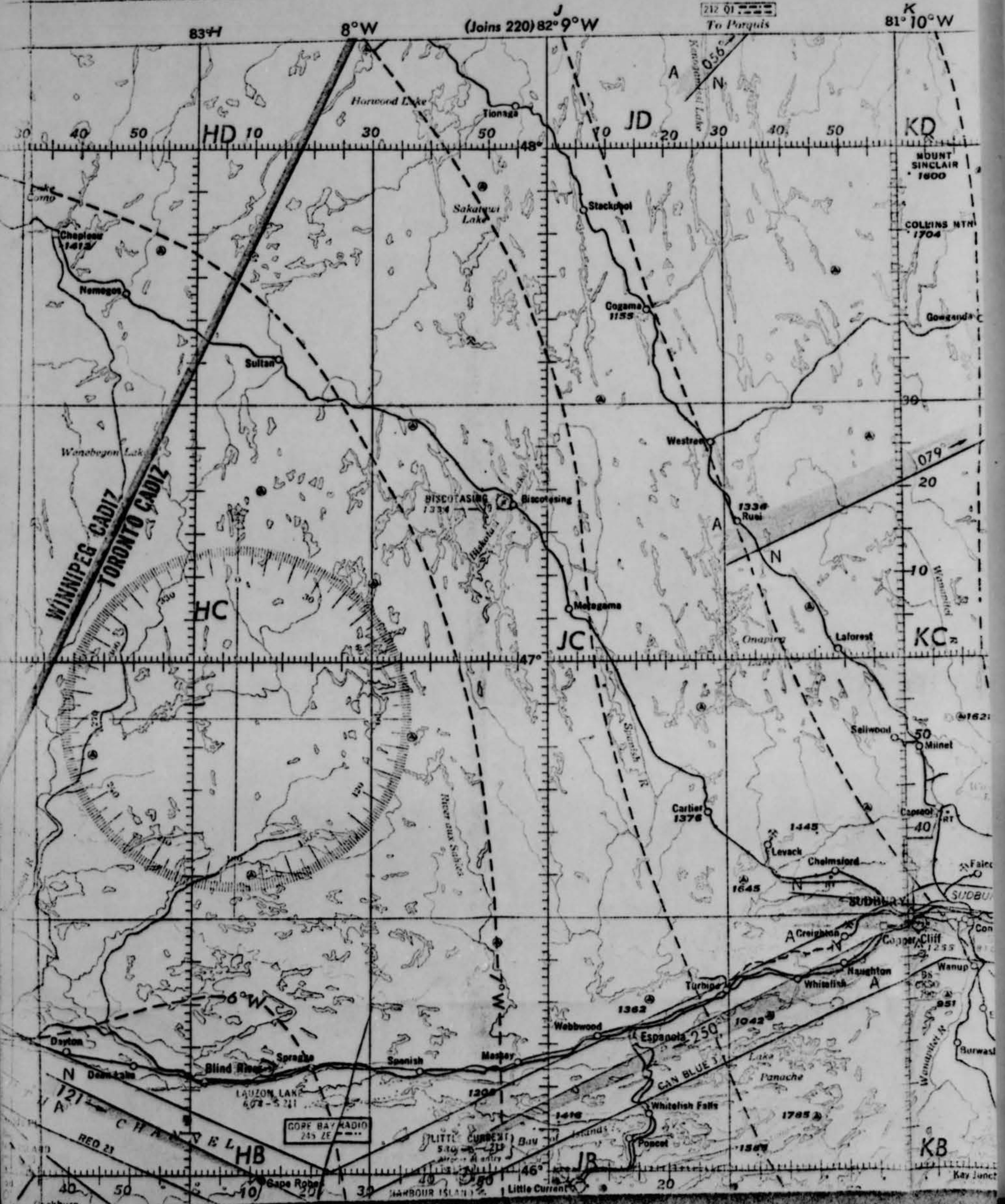
WINNIPEG CADIZ
TORONTO CADIZ

B 46°

3°W

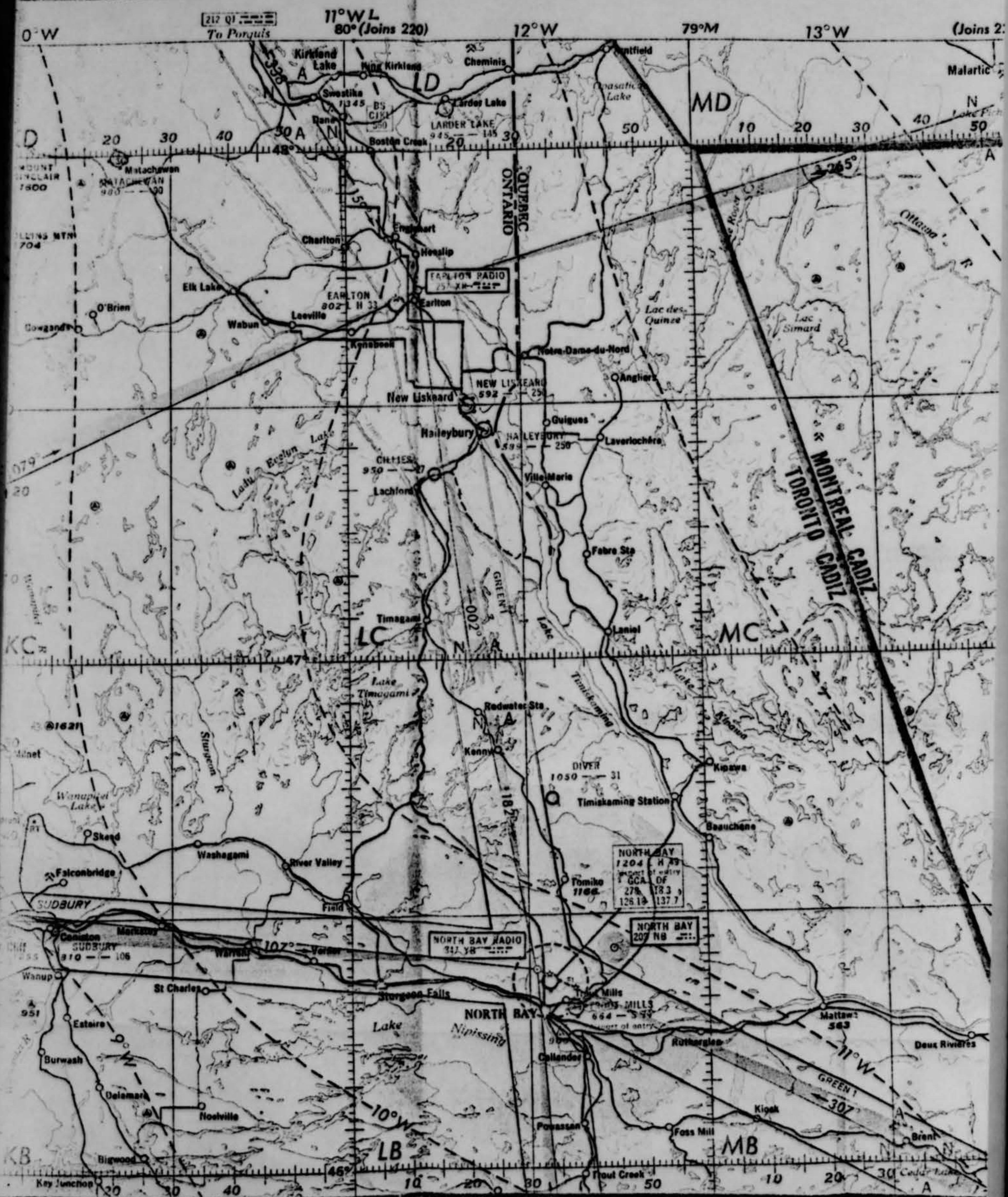
40

50

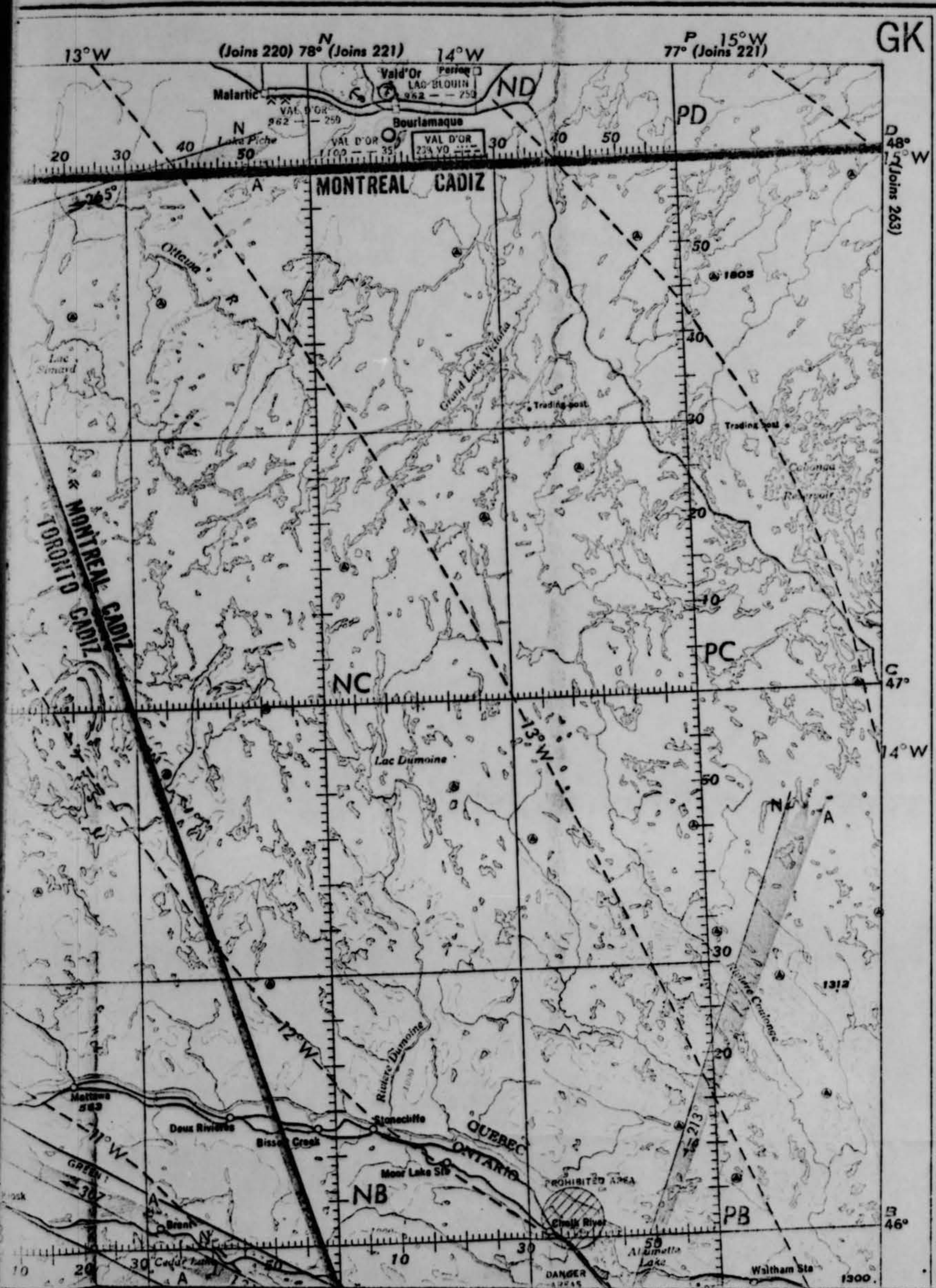


UTICAL CHART

Compiled to ICAO Standards
For ICAO number add 2000 to the chart number.



Number.



13°W

(Joins 220) 78°N (Joins 221) 14°W

P 15°W
77° (Joins 221)

GK

20 30 40 50

VAL D'OR 962 - 250
VAL D'OR 1100 - 35
VAL D'OR 223 YO - 30

D 48°W
(Joins 263)

MONTREAL CADIZ

PD

50
1803

30

20

10

PC

C 47°

NC

14°W

Lac Dumoine

13°W

50

30

20

10

NOVA

A

1312

30

20

10

PB

E 46°

NB

QUEBEC

ONTARIO

PROHIBITED AREA

Chapin River

DANGER

50

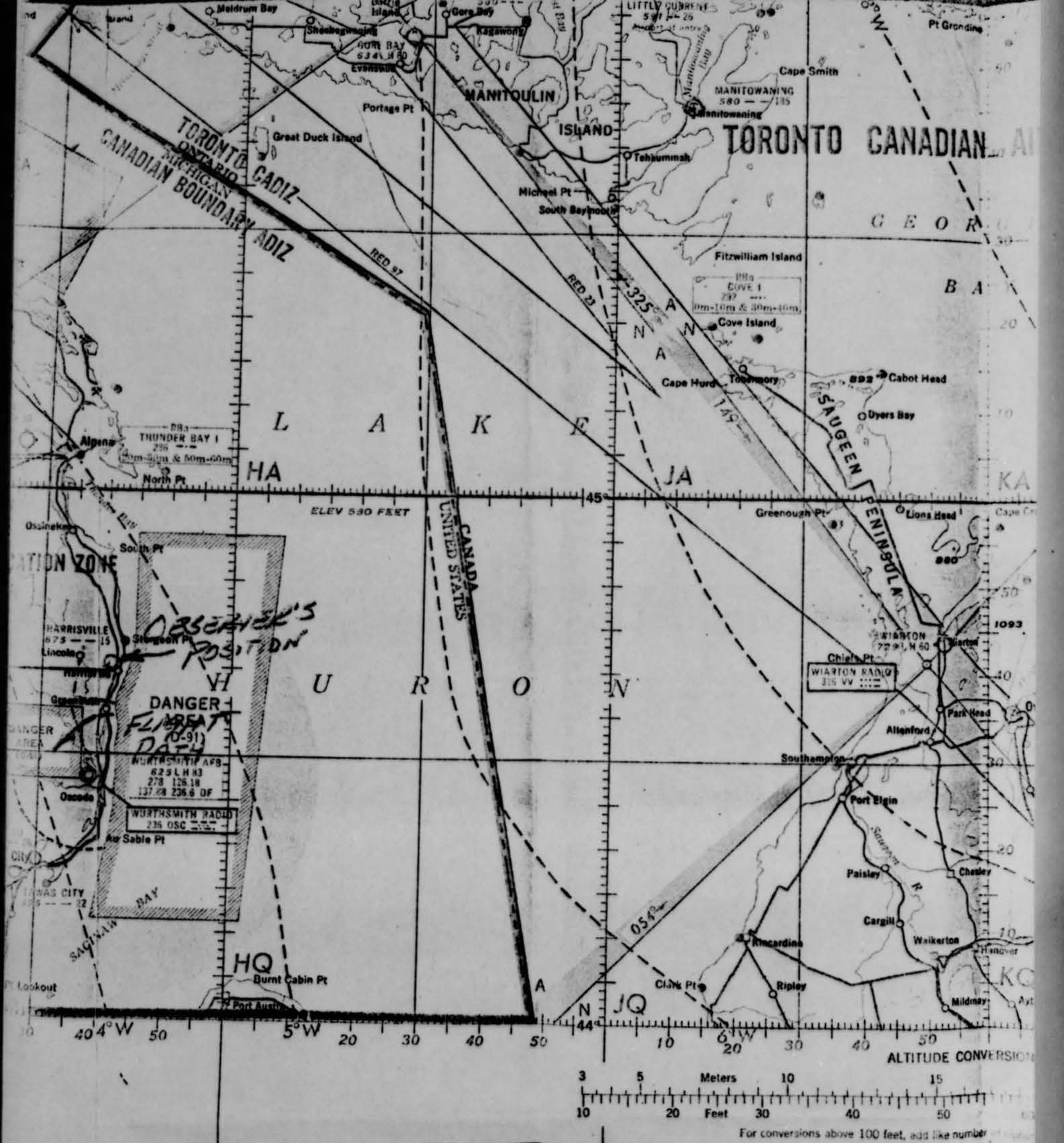
Alouette Lake

Waltham Sta

1300

10 20 30 40 50

A



109	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260
59	70	80	90	99	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250