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U. S. ARMY

U. S. LAKE SURVEY

SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES

CALUMET AND INDIANA HARBORS

CHART Nº 755

1960

POLYCONIC PROJECTION

SCALE 1:15,000

DEPTHS IN FEET

NOTES

COMPARATIVE ELEVATIONS ON LAKE MICHIGAN
(referred to Mean Tide at New York; 1935 Datum)

Mean stage 1900-1959, both inclusive ..... 579.9 ft.
PLANE OF REFERENCE OF THIS CHART (Low Water Datum) ..... 578.5 ft.

BLUE TINT. Areas with depths to 24 feet, except in channels maintained by the United States, are tinted blue.

SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.

VISIBILITY OF LIGHTS. The visibility of lights is in statute miles when observer's eye is 15 feet above water level.

ABBREVIATIONS. AERO - aeronautical beacon, Am - amber, Alt - alternating; B - black, blds - boulders, Bkw - breakwater, Bn - beacon; C - can, CG - Coast Guard; DFS - distance finding station, DIA - diaphone; F - fixed, Fl - flashing, Fog Sig - fog signal; G - green, Gp - group; HB - horizontal bands, Hbr - harbor; I - interrupted; LD - least depth; m - miles; N - nun; Occ - occulting, Or - orange; PD - position doubtful, Pierh - pierhead; QK - quick; R - red, Ra - Radar, RBn - radio beacon, Ref - reflector, RGE - range, rky - rocky; S - spar, S-L - short-long, SEC - sector; VS - vertical stripes, vis - visible; W - white, WB SIG STA - Weather Bureau signal station, WHIS - whistle; Y - yellow.

GREAT LAKES PILOT. For latest information as to controlling depths in improved harbors consult latest edition of the Great Lakes Pilot, containing descriptions of coasts, harbors, channels, dry docks, canals, bridge clearances, rules and regulations, etc. Copies may be purchased from the U. S. Army Engineer District, Lake Survey.

Sailing courses and limits indicated in red are recommended by the Lake Carriers Association and the Dominion Marine Association.

FATHOMS AND FEET TO METERS

FATHOMS	1	2	3	4	5	6	7	8	9	10
FEET	6	12	18	24	30	36	42	48	54	60
0		1.8	3.6	5.5	7.3	9.1	10.9	12.8	14.6	16.4
1	0.2	2.1	3.9	5.7	7.5	9.4	11.2	13.1	14.9	16.7
2	0.4	2.4	4.2	6.1	7.9	9.7	11.6	13.4	15.2	17.1
3	0.9	2.7	4.6	6.4	8.2	10.0	11.9	13.7	15.5	17.3
4	0.9	3.0	4.9	6.7	8.5	10.4	12.2	14.0	15.8	17.7
5	1.5	3.3	5.2	7.0	8.8	10.7	12.5	14.3	16.2	18.0

SCALE OF FEET
STATUTE MILES

CALUMET HARBOR
CALUMET LAKE
CHICAGO
CALUMET PARK
LAKE MICHIGAN
WOLF LAKE
CALUMET CITY
DOLTON
BURNHAM
EAST CHICAGO
INDIANA HARBOR
Indiana Shoals
BEING FILLED

MAGNETIC VARIATION 7°30' E. 1960

SCALE OF FEET
STATUTE MILES

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Calumet and Indiana Harbors
SOUNDINGS IN FEET - SCALE 1:15,000

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4 - JUN 1960
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