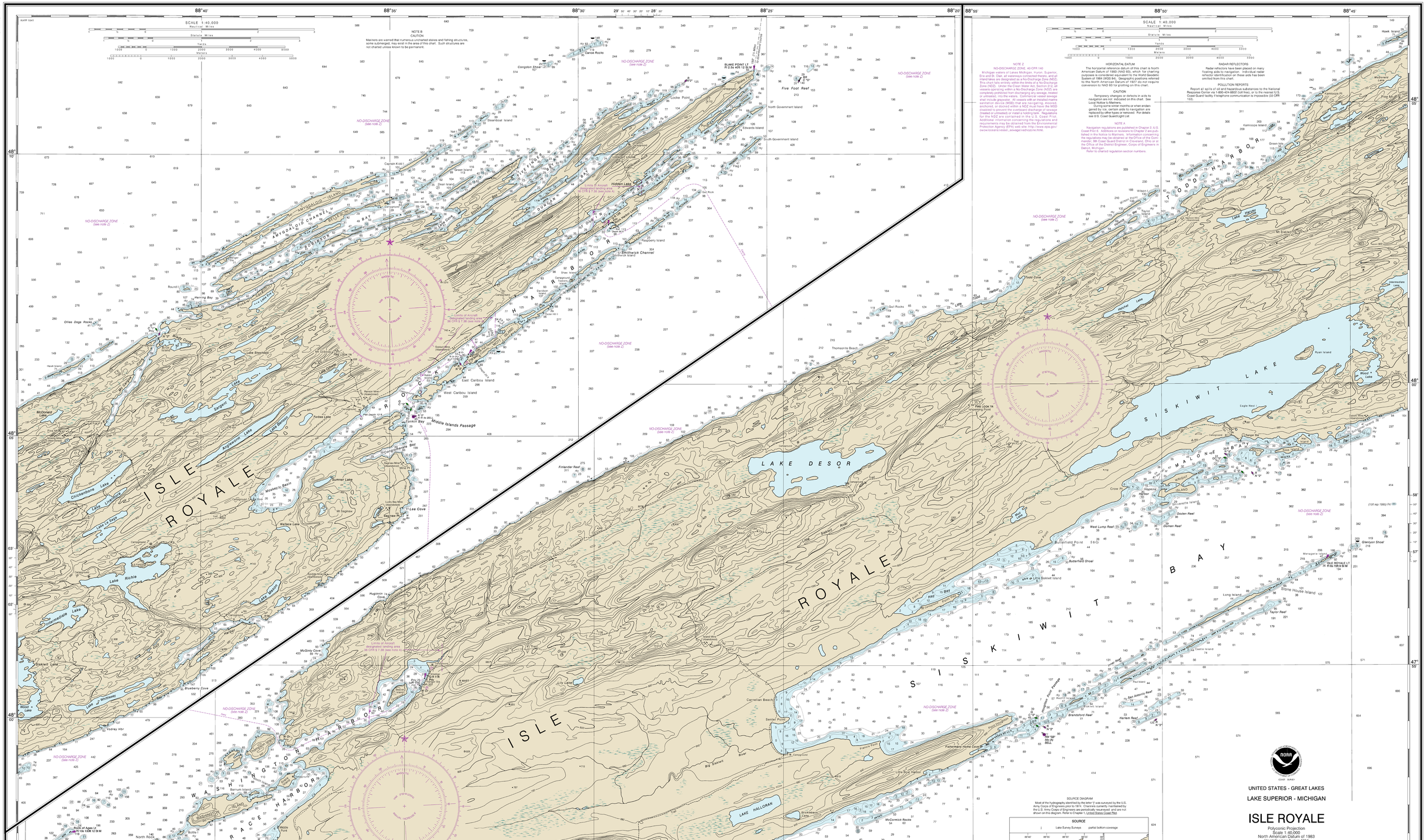
Formerly LS 081. 1st Ed., Nov. 1940 KAPP 1540

SOUNDINGS IN FEET



18th Ed., Nov./04 ■ Corrected through NM Nov. 6/04
Corrected through LNM Oct. 26/04

14976

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodicly by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

Last Correction: 8/17/2015. Cleared through:
LNM: 3715 (9/15/2015), NM: 3915 (9/26/2015), CHS: 0815 (8/28/2015)

To ensure that this chart was printed at the proper scale, the line below should measure as inches (152 millimeters).
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This nautical chart has been designed to promote safe navigation. The National Ocean Service welcomes your comments, suggestions, additions, or comments for improving this chart to the Chief, Marine Chart Division (NCS3), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

SOUNDINGS IN FEET

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NATIONAL OCEAN SERVICE
COAST SURVEY

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FATHOMS	0	1	2	3	4	5	6	7	8	9	10	15	20	25	30	40	50
FEET	0	3	6	9	12	15	18	21	24	27	30	45	60	75	90	120	150
METERS	0	1	2	3	4	5	6	7	8	9	10	15	20	25	30	40	50

Isle Royale
SOUNDINGS IN FEET - SCALE 1:40,000

14976

UNITED STATES - GREAT LAKES

LAKE SUPERIOR - MICHIGAN

ISLE ROYALE

Polyconic Projection
Scale 1:40,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET

Additional information can be obtained at nauticalcharts.noaa.gov.

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum).....601.1ft.
Refers to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).
SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.
AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.
AUTHORITIES. Hydrography and Topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey and U.S. Coast Guard.

CAUTION

POTABLE WATER INTAKE

Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

Pump-out facilities

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

SOURCE DIAGRAM

Most of the hydrography identified by the letter 'T' was surveyed by the U.S. Army Corps of Engineers prior to 1974. Channels currently maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE

Lake Survey Surveys partial bottom coverage

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical
Bn beacon
Bkg blinking
Bn beacon
C can
Dia diaphone
F fixed
Fl flashing
G green
Gp group
Iso isophase
LT HO lighthouse
M nautical mile
m minutes
MDWC Bn microwave tower
Mkr marker
Mo morse code
Or orange
Q quick
R red
Rx Ref radar reflector
R Bn radiobeacon
R Tr radio tower
RW red white
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHS whistle
Y yellow

Bottom characteristics

Bds boulders
bk broken
Cy clay
Co coral
Gravel
Grs grass
gr gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous

AUTH authorized
ED existence doubtful
Obstruction
Pk position approximate
PD position doubtful
Rep reported
Subm submerged

LAKE SUPERIOR

Elevation in feet

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC

Low Water Datum

Average levels (1984-2003)
Extreme Levels (period of record)

Low Water Datum, Great Lakes Datum, Mean Water and the levels shown on the above hydrograph, is also the datum of reference for the charted depths. If the lake level is above or below the Mean Water datum, the actual depths are correspondingly greater or lesser than the charted depths.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geodetic Survey Publication 116.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(Accurate location) (Approximate location)

SCALE 1:40,000
Nautical Miles
Statute Miles
Yards
Meters

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