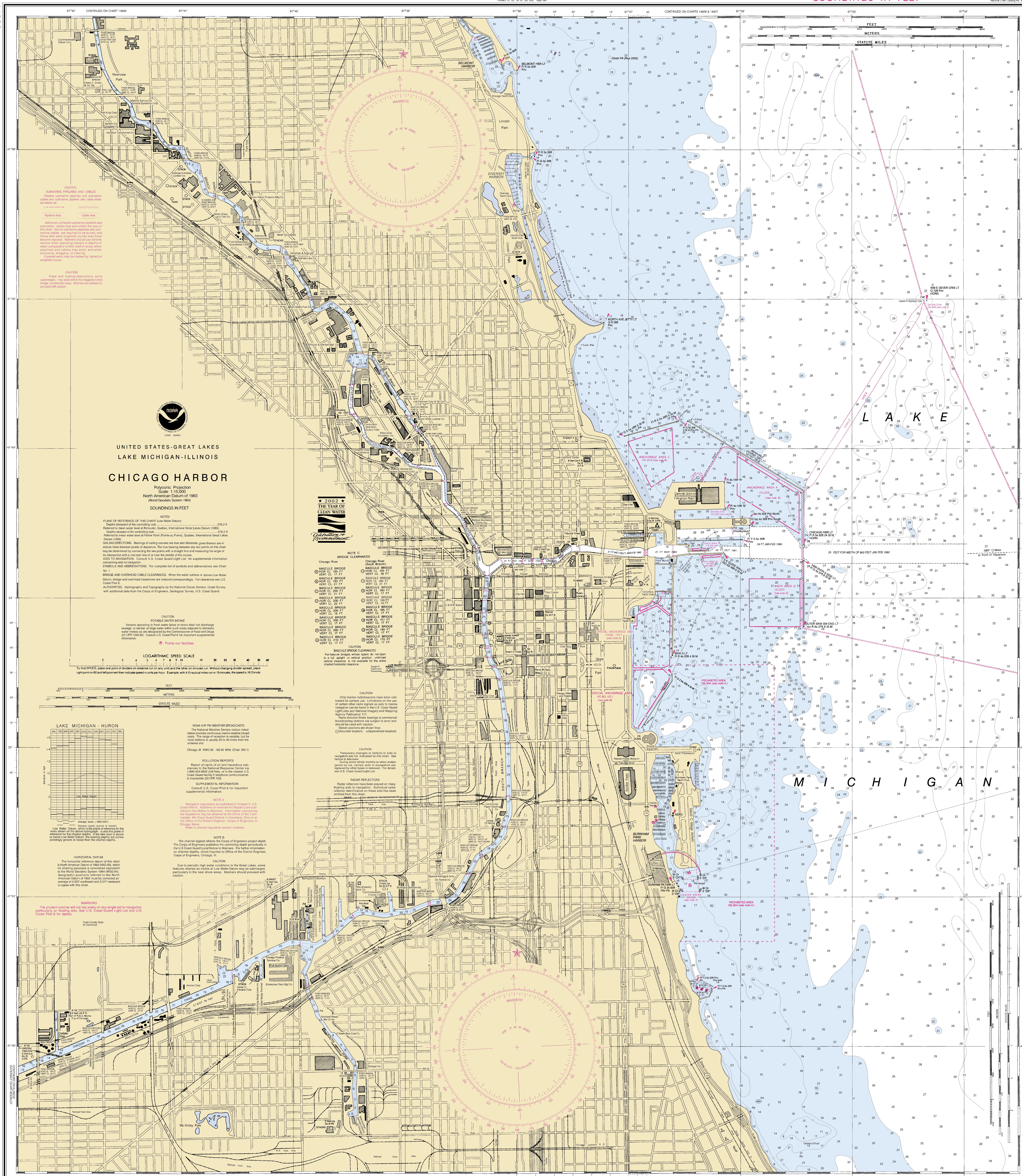
This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

14928

Formerly LS 752, 1st Ed. July 1933 Kapp 1484

SOUNDINGS IN FEET

Nautical Chart Catalog No. 4, Panel B



NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
COAST SURVEY

UNITED STATES-GREAT LAKES
LAKE MICHIGAN-ILLINOIS

CHICAGO HARBOR

Polyconic Projection
Scale 1:15,000
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET

★ 2002 ★ THE YEAR OF CLEAN WATER — Celebration & Recommitment

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum)
Depths lakeward of the controlling lock .... 576.2 ft
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).
Depths lanward of thr controlling lock .... 576.2 ft
Referred to mean water level at Father Point (Pointe au Pierre), Quebec, International Great Lakes Datum (1955)

SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure. The true bearing between any two points on this chart may be determined by connecting the two points with a straight line and measuring the angle of its intersection with a meridian line of or near the middle of the course.

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

BRIDGE AND OVERHEAD CABLE CLEARANCES. When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

AUTHORITIES. Hydrography and Topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, 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.

Ⓟ Pump-out facilities

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:
Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.
Covered wells may be marked by lighted or unlighted buoys.

CAUTION
Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution.

NOTE C
BRIDGE CLEARANCES

Chicago River	Chicago River (South Branch)
Ⓐ BASCULE BRIDGE HOR CL 195 FT VERT CL 17 FT	Ⓘ BASCULE BRIDGE HOR CL 195 FT VERT CL 18 FT
Ⓑ BASCULE BRIDGE HOR CL 193 FT VERT CL 21 FT	Ⓙ BASCULE BRIDGE HOR CL 160 FT VERT CL 21 FT
Ⓒ BASCULE BRIDGE HOR CL 200 FT VERT CL 21 FT	Ⓚ BASCULE BRIDGE HOR CL 160 FT VERT CL 17 FT
Ⓓ BASCULE BRIDGE HOR CL 200 FT VERT CL 22 FT	Ⓛ BASCULE BRIDGE HOR CL 168 FT VERT CL 18 FT
Ⓔ BASCULE BRIDGE HOR CL 200 FT VERT CL 19 FT	Ⓜ BASCULE BRIDGE HOR CL 165 FT VERT CL 17 FT
Ⓕ BASCULE BRIDGE HOR CL 200 FT VERT CL 17 FT	Ⓝ BASCULE BRIDGE HOR CL 151 FT VERT CL 17 FT
Ⓖ BASCULE BRIDGE HOR CL 200 FT VERT CL 17 FT	Ⓞ BASCULE BRIDGE HOR CL 140 FT VERT CL 17 FT
Ⓗ BASCULE BRIDGE HOR CL 210 FT VERT CL 17 FT	Ⓟ BASCULE BRIDGE HOR CL 170 FT VERT CL 17 FT

CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Imagery and Mapping Agency Publication 117.
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)

LAKE MICHIGAN - HURON

Average levels (1992-2001)
Extreme Levels (period of record)
Low Water Datum, which is the plane of reference for the levels shown on the above hydrograph, is also the plane of reference for the charted depths. If the lake level is above or below Low Water Datum, the existing depths are correspondingly greater or lesser than the charted depths.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1902 must be corrected an average of 0.003" southward and 0.371" westward to agree with this chart.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Chicago, Ill KWO-39 162.55 MHz (Chan. WX-1)

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

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

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Cleveland, Ohio or at the Office of the District Engineer, Corps of Engineers in Chicago, Illinois.
Refer to charted regulation section numbers.

NOTE B
The channel legend reflects the Corps of Engineers project depth. The Corps of Engineers publishes the controlling depth periodically in the U.S Coast Guard Local Notice to Mariners. For further information on channel depths, direct inquiries to Office of the District Engineer, Corps of Engineers, Chicago, Ill.

CAUTION
Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

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 6 for details.

21th Ed., Nov. /02 ■ Corrected through NM 45/02 Nov. 09/02
Corrected through LNM 33/02 Oct. 22/02
14928

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

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

PRINT-ON-DEMAND CHARTS
This chart is available in a version updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts.

Chicago Harbor
SOUNDINGS IN FEET - SCALE 1:15,000

14928

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