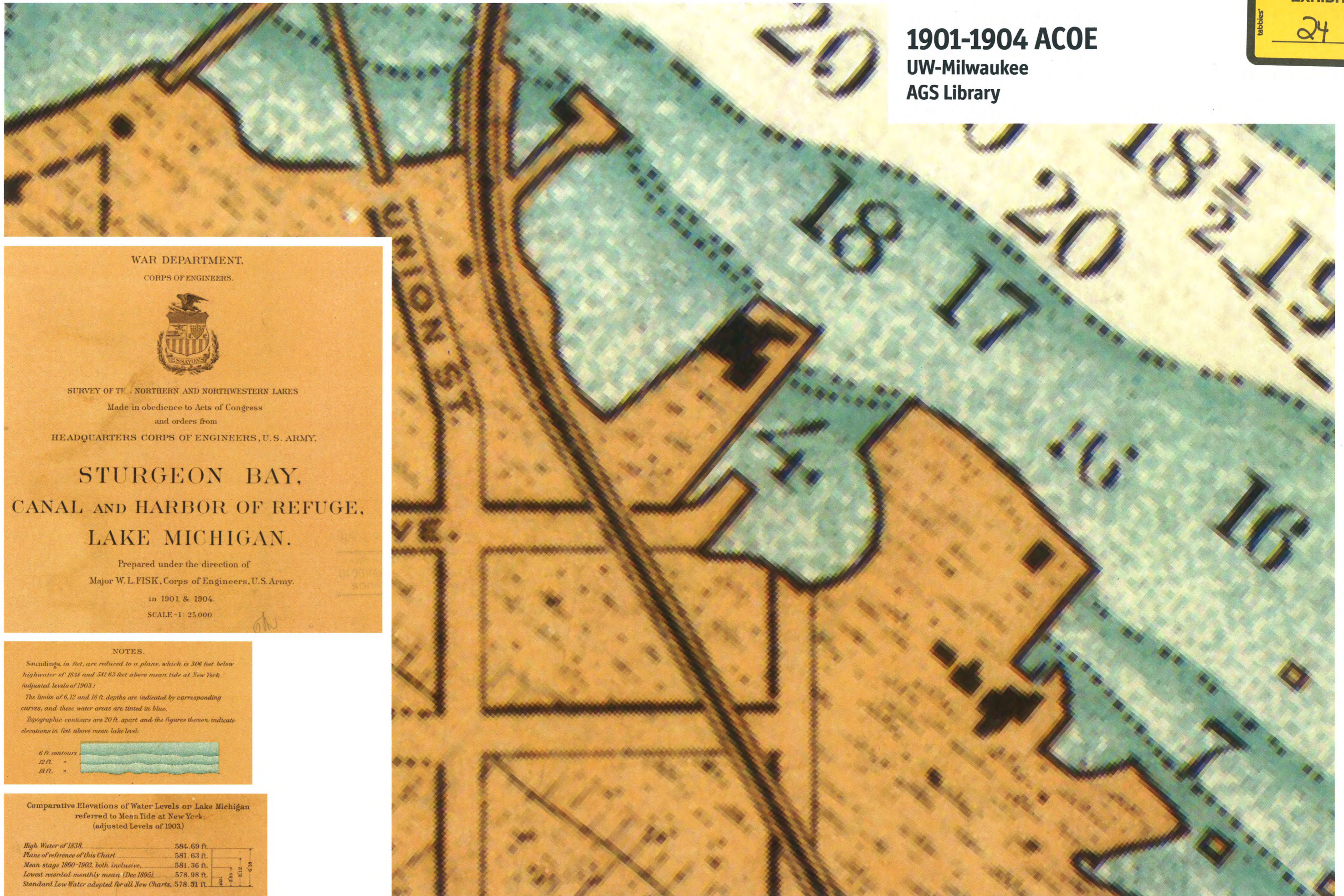



1901-1904 ACOE
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WAR DEPARTMENT.
CORPS OF ENGINEERS.



SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES
Made in obedience to Acts of Congress
and orders from
HEADQUARTERS CORPS OF ENGINEERS, U. S. ARMY.

**STURGEON BAY,
CANAL AND HARBOR OF REFUGE,
LAKE MICHIGAN.**


Prepared under the direction of
Major W. L. FISK, Corps of Engineers, U. S. Army.
in 1901 & 1904.
SCALE - 1 : 25,000

NOTES.

Soundings, in feet, are reduced to a plane, which is 306 feet below highwater of 1838 and 581.63 feet above mean tide at New York (adjusted levels of 1903.)


The limits of 6, 12 and 18 ft. depths are indicated by corresponding curves, and these water areas are tinted in blue.

Topographic contours are 20 ft. apart and the figures thereon indicate elevations in feet above mean lake level.

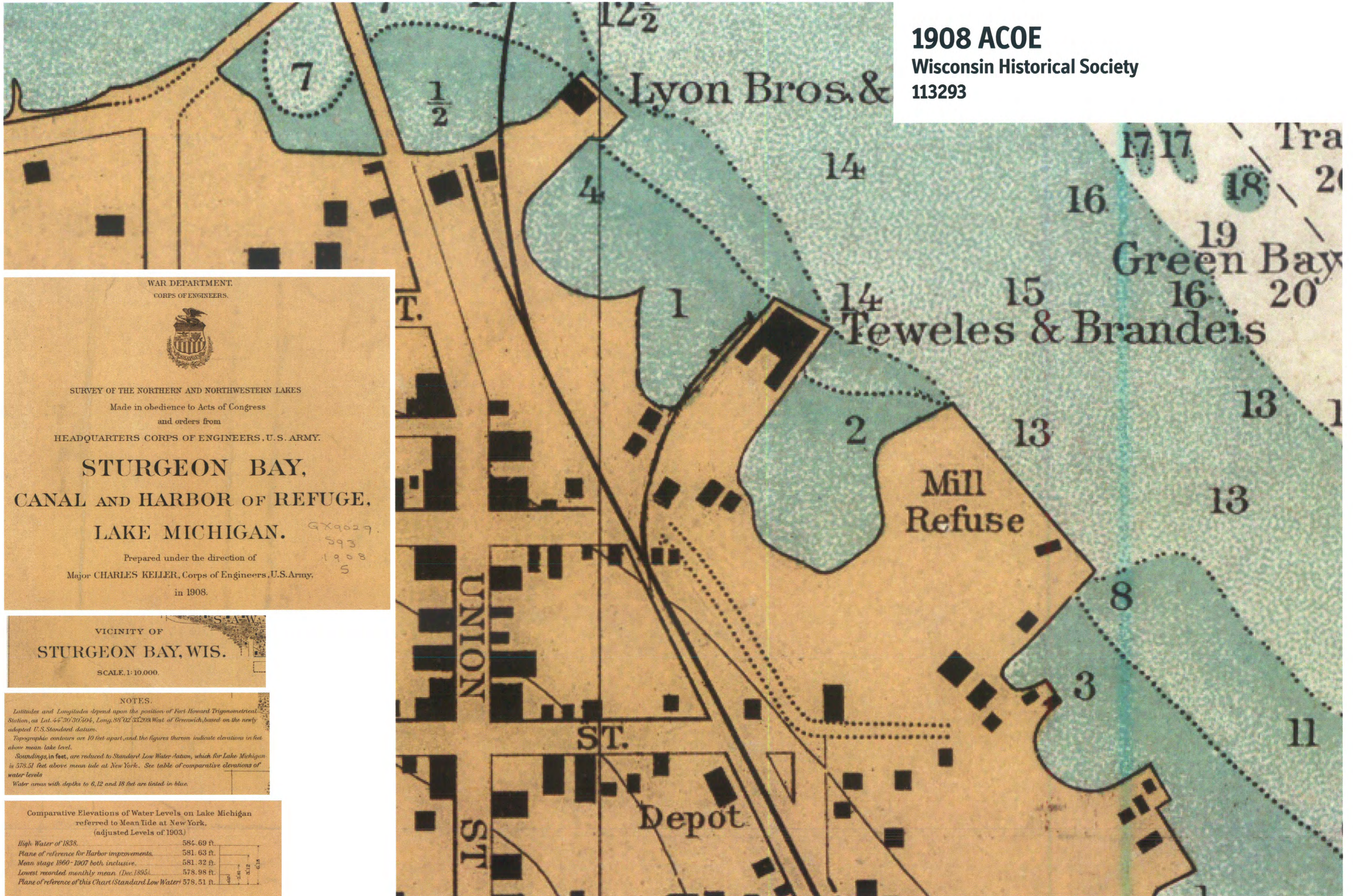


Comparative Elevations of Water Levels on Lake Michigan referred to Mean Tide at New York (adjusted Levels of 1903.)


High Water of 1838	584.69 ft.
Plane of reference of this Chart	581.63 ft.
Mean stage 1860-1903, both inclusive	581.36 ft.
Lowest recorded monthly mean (Dec. 1895)	578.98 ft.
Standard Low Water adopted for all New Charts	578.51 ft.



1908 ACOE
 Wisconsin Historical Society
 113293



WAR DEPARTMENT.
 CORPS OF ENGINEERS.



SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES
 Made in obedience to Acts of Congress
 and orders from
 HEADQUARTERS CORPS OF ENGINEERS, U.S. ARMY.

**STURGEON BAY,
 CANAL AND HARBOR OF REFUGE,
 LAKE MICHIGAN.**

Prepared under the direction of
 Major CHARLES KELLER, Corps of Engineers, U.S. Army,
 in 1908.

9X9029
 893
 1908
 S

VICINITY OF
STURGEON BAY, WIS.

SCALE, 1:10,000.

NOTES.

Latitudes and Longitudes depend upon the position of Fort Howard Trigonometrical Station, as Lat. 44° 30' 30.404, Long. 88° 02' 33.209 West of Greenwich, based on the newly adopted U.S. Standard datum.


Topographic contours are 10 feet apart, and the figures thereon indicate elevations in feet above mean lake level.

Soundings, in feet, are reduced to Standard Low Water datum, which for Lake Michigan is 578.51 feet above mean tide at New York. See table of comparative elevations of water levels.

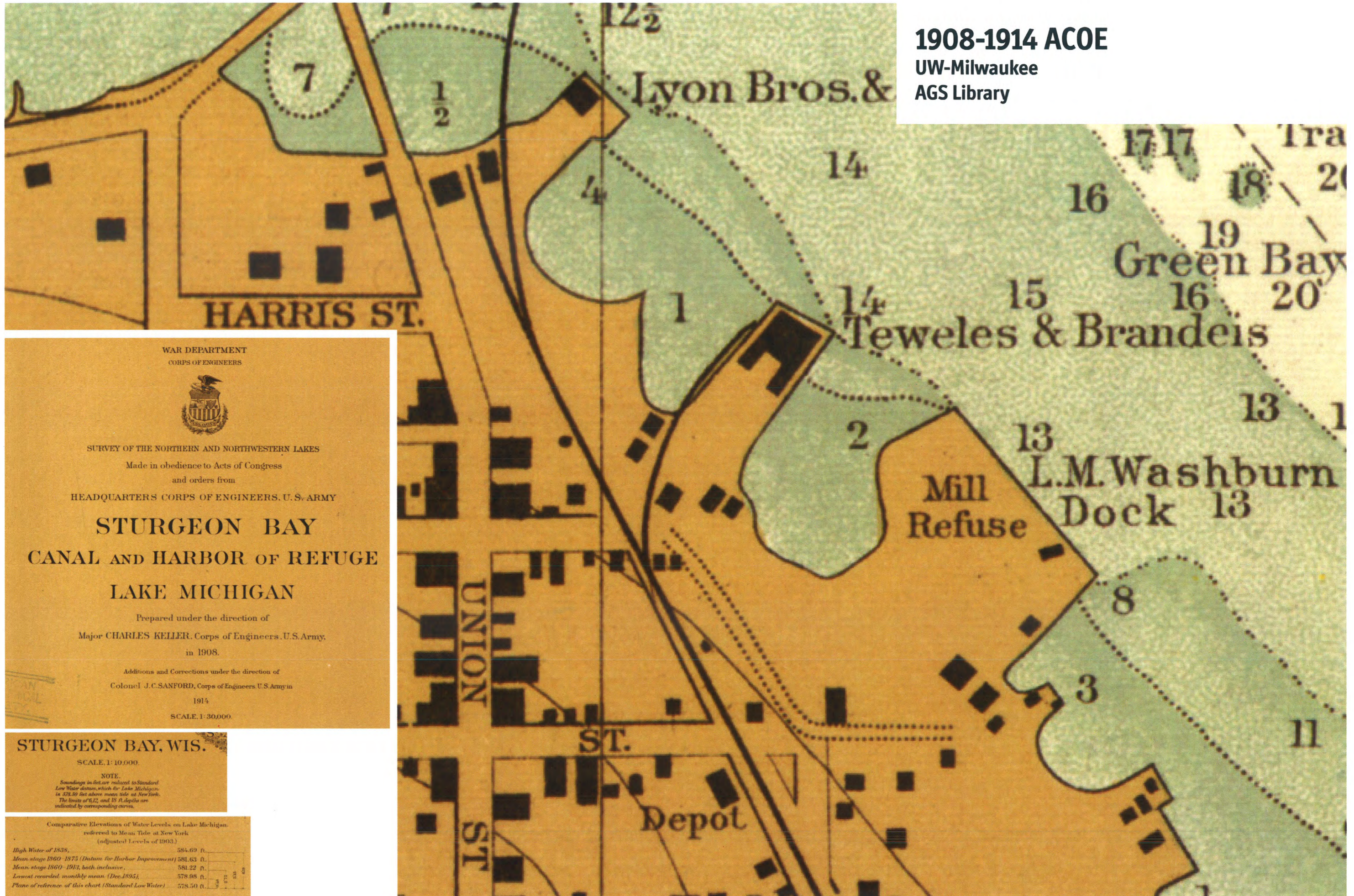
Water areas with depths to 6, 12 and 18 feet are tinted in blue.

Comparative Elevations of Water Levels on Lake Michigan referred to Mean Tide at New York. (adjusted Levels of 1903.)


High Water of 1838.	584.69 ft.
Plane of reference for Harbor improvements.	581.63 ft.
Mean stage 1860-1907 both inclusive.	581.32 ft.
Lowest recorded monthly mean (Dec. 1895).	578.98 ft.
Plane of reference of this Chart (Standard Low Water)	578.51 ft.



1908-1914 ACOE
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WAR DEPARTMENT
 CORPS OF ENGINEERS



SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES
 Made in obedience to Acts of Congress
 and orders from
 HEADQUARTERS CORPS OF ENGINEERS, U. S. ARMY

STURGEON BAY
CANAL AND HARBOR OF REFUGE
LAKE MICHIGAN

Prepared under the direction of
 Major CHARLES KELLER, Corps of Engineers, U.S. Army,
 in 1908.

Additions and Corrections under the direction of
 Colonel J. C. SANFORD, Corps of Engineers, U.S. Army in
 1914.


SCALE: 1:30,000.

STURGEON BAY, WIS.
 SCALE: 1:10,000.

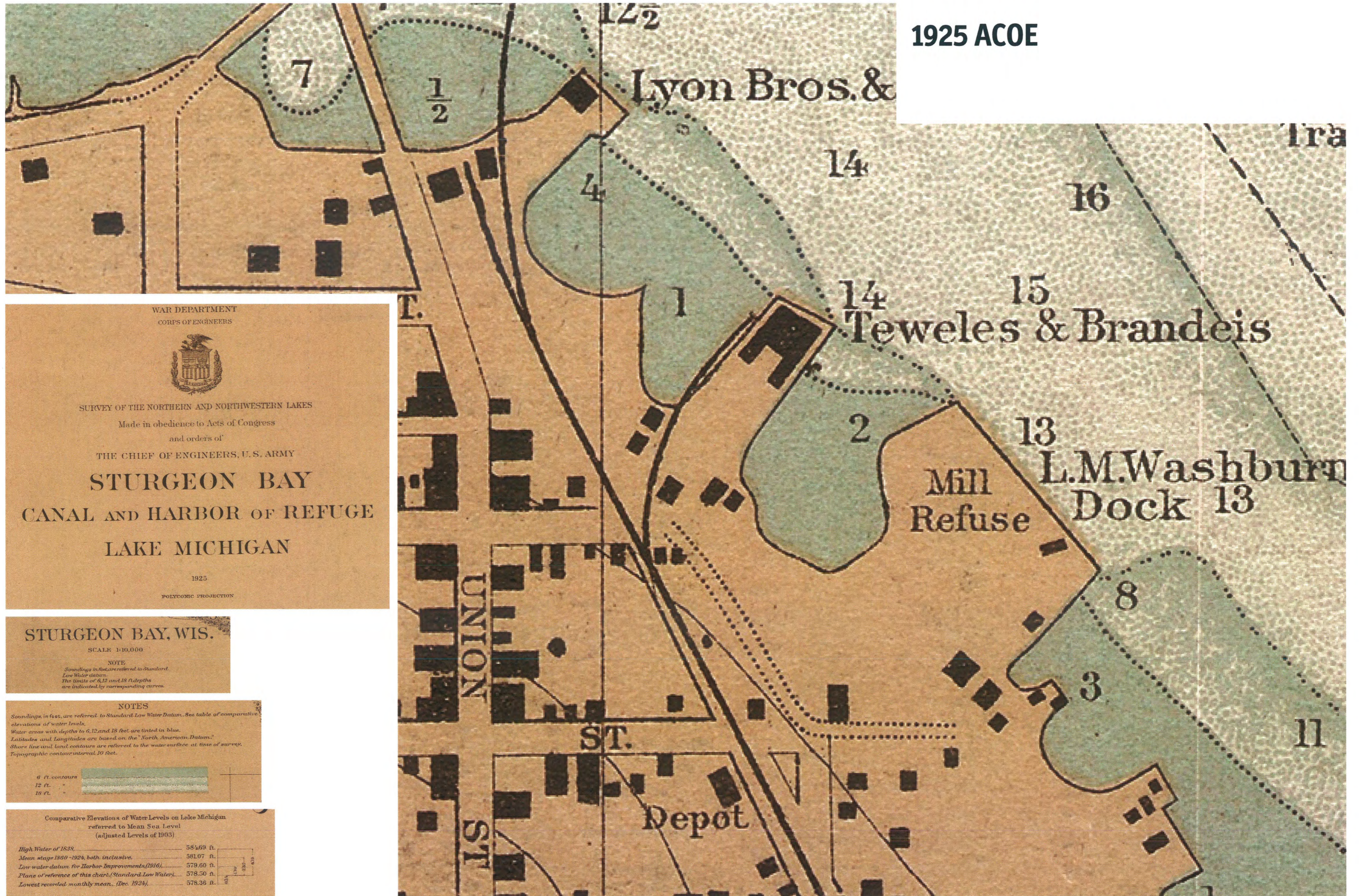
NOTE.
 Soundings in feet are reduced to Standard
 Low Water datum, which for Lake Michigan
 is 578.50 feet above mean tide at New York.
 The limits of 6, 12, and 18 fathoms are
 indicated by corresponding curves.

Comparative Elevations of Water Levels on Lake Michigan,
 referred to Mean Tide at New York
 (adjusted Levels of 1903.)


High Water of 1828,	584.69 ft.
Mean stage 1860-1875 (Datum for Harbor Improvement)	581.63 ft.
Mean stage 1860-1913, both inclusive,	581.22 ft.
Lowest recorded monthly mean (Dec. 1895),	578.08 ft.
Plane of reference of this chart (Standard Low Water),	578.50 ft.



1925 ACOE



WAR DEPARTMENT
CORPS OF ENGINEERS



SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES
Made in obedience to Acts of Congress
and orders of
THE CHIEF OF ENGINEERS, U. S. ARMY

STURGEON BAY

CANAL AND HARBOR OF REFUGE

LAKE MICHIGAN

1925
POLYCONIC PROJECTION

STURGEON BAY, WIS.

SCALE 1:10,000

NOTE
Soundings in feet are referred to Standard Low Water Datum.
Low Water datum.
The limits of 6, 12 and 18 fathoms are indicated by corresponding curves.

NOTES

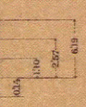
Soundings, in feet, are referred to Standard Low Water Datum. See table of comparative elevations of water levels.
Water areas with depths to 6, 12 and 18 feet are tinted in blue.
Latitudes and longitudes are based on the "North American Datum."
Shore line and land contours are referred to the water surface at time of survey.
Topographic contour interval, 10 feet.

6 ft. contour
12 ft. "
18 ft. "

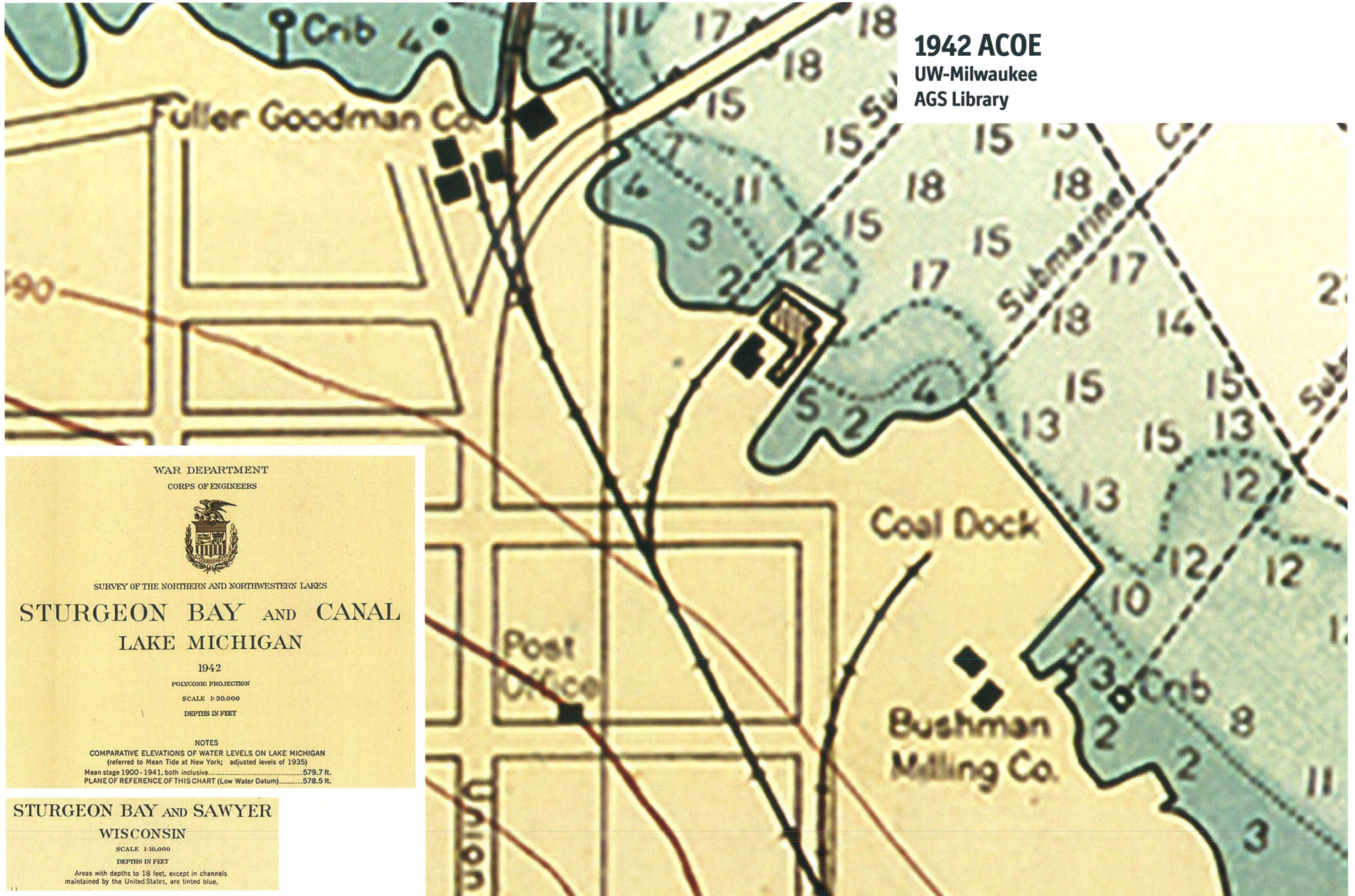


Comparative Elevations of Water Levels on Lake Michigan referred to Mean Sea Level (adjusted Levels of 1903)


High Water of 1838	584.69 ft.
Mean stage 1860-1924, both inclusive	581.07 ft.
Low water datum for Harbor Improvements (1916)	579.60 ft.
Plane of reference of this chart (Standard Low Water)	578.50 ft.
Lowest recorded monthly mean (Dec. 1924)	578.36 ft.



1942 ACOE
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WAR DEPARTMENT
CORPS OF ENGINEERS

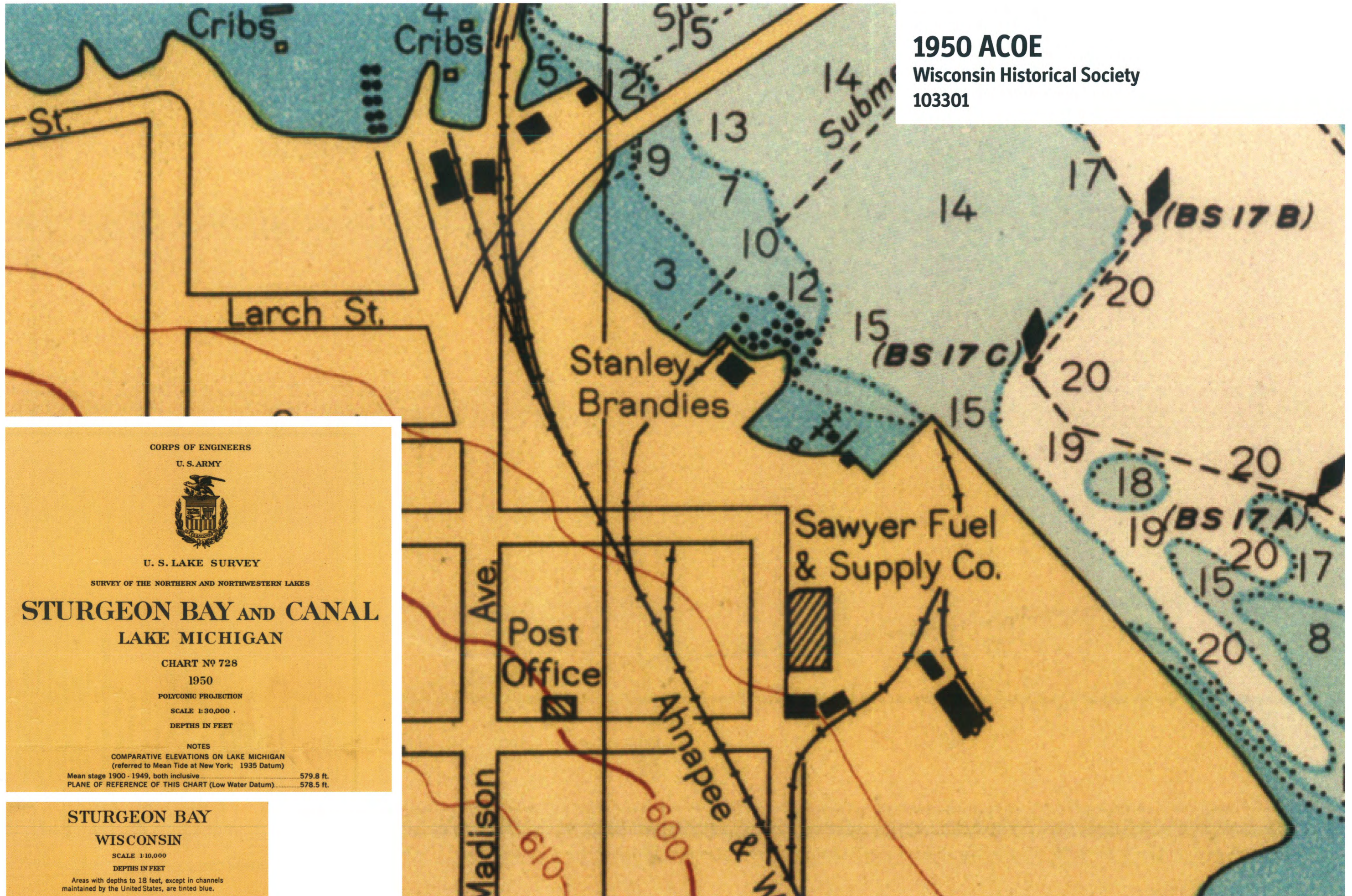


SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES
STURGEON BAY AND CANAL
LAKE MICHIGAN
1942
POLYGONIC PROJECTION
SCALE 1:30,000
DEPTHS IN FEET


NOTES
COMPARATIVE ELEVATIONS OF WATER LEVELS ON LAKE MICHIGAN
(referred to Mean Tide at New York; adjusted levels of 1935)
Mean stage 1900 - 1941, both inclusive.....579.7 ft.
PLANE OF REFERENCE OF THIS CHART (Low Water Datum).....578.5 ft.

STURGEON BAY AND SAWYER
WISCONSIN
SCALE 1:10,000
DEPTHS IN FEET
Areas with depths to 18 feet, except in channels
maintained by the United States, are tinted blue.

1950 ACOE
Wisconsin Historical Society
103301



CORPS OF ENGINEERS
U. S. ARMY



U. S. LAKE SURVEY
SURVEY OF THE NORTHERN AND NORTHWESTERN LAKES

STURGEON BAY AND CANAL LAKE MICHIGAN

CHART No 728
1950
POLYCONIC PROJECTION
SCALE 1:30,000
DEPTHS IN FEET

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

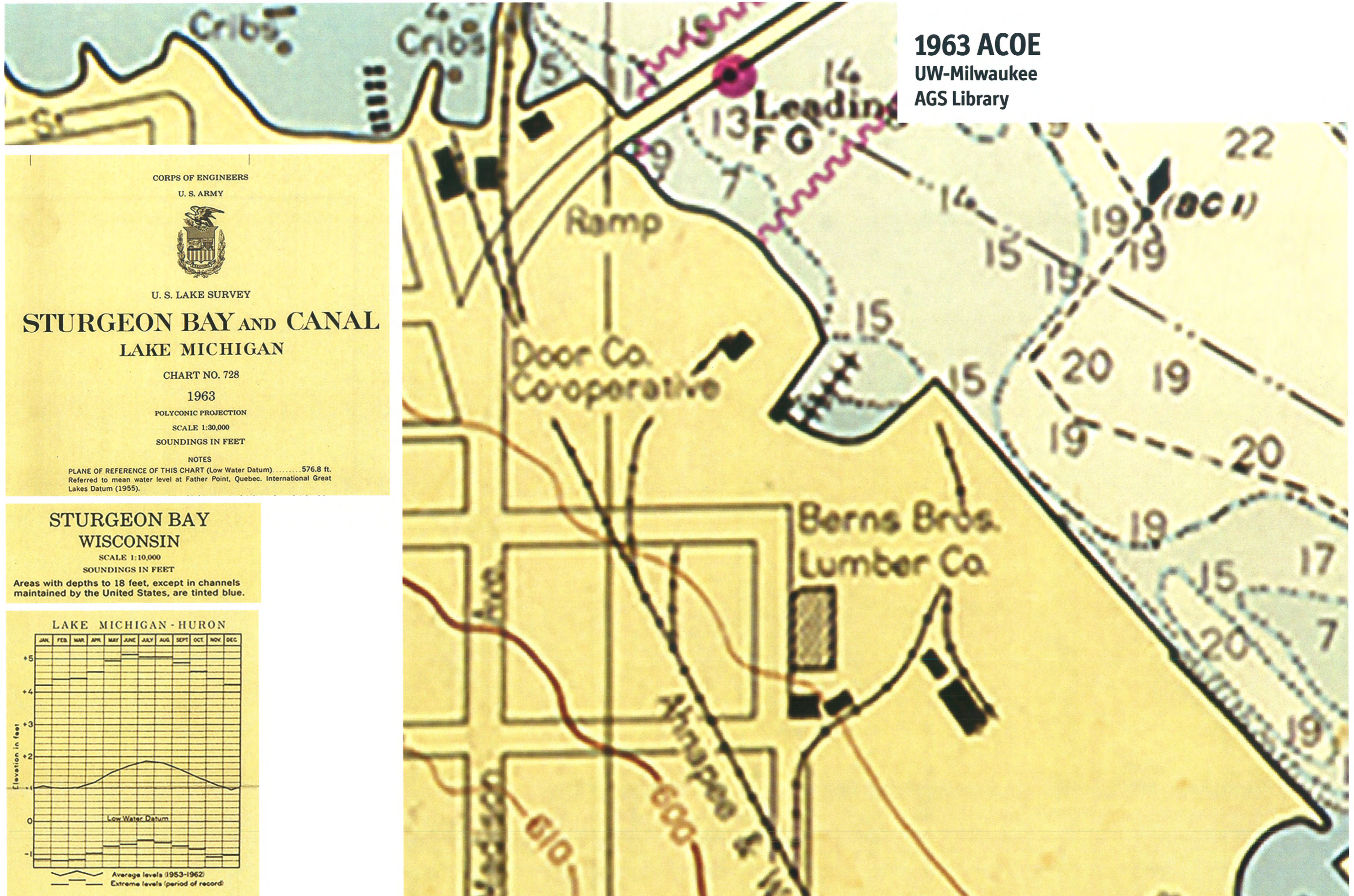
Mean stage 1900 - 1949, both inclusive	579.8 ft.
PLANE OF REFERENCE OF THIS CHART (Low Water Datum)	578.5 ft.

STURGEON BAY WISCONSIN


SCALE 1:10,000
DEPTHS IN FEET

Areas with depths to 18 feet, except in channels maintained by the United States, are tinted blue.

1963 ACOE
 UW-Milwaukee
 AGS Library



CORPS OF ENGINEERS
 U. S. ARMY



U. S. LAKE SURVEY

STURGEON BAY AND CANAL LAKE MICHIGAN

CHART NO. 728
 1963
 POLYCONIC PROJECTION
 SCALE 1:30,000
 SOUNDINGS IN FEET

NOTES
 PLANE OF REFERENCE OF THIS CHART (Low Water Datum) 576.8 ft.
 Referred to mean water level at Father Point, Quebec. International Great
 Lakes Datum (1955).

STURGEON BAY WISCONSIN

SCALE 1:10,000
 SOUNDINGS IN FEET

Areas with depths to 18 feet, except in channels
 maintained by the United States, are tinted blue.

