UNITED STATES – GREAT LAKES

MICHIGAN-OHIO

NAUTICAL CHART 14846

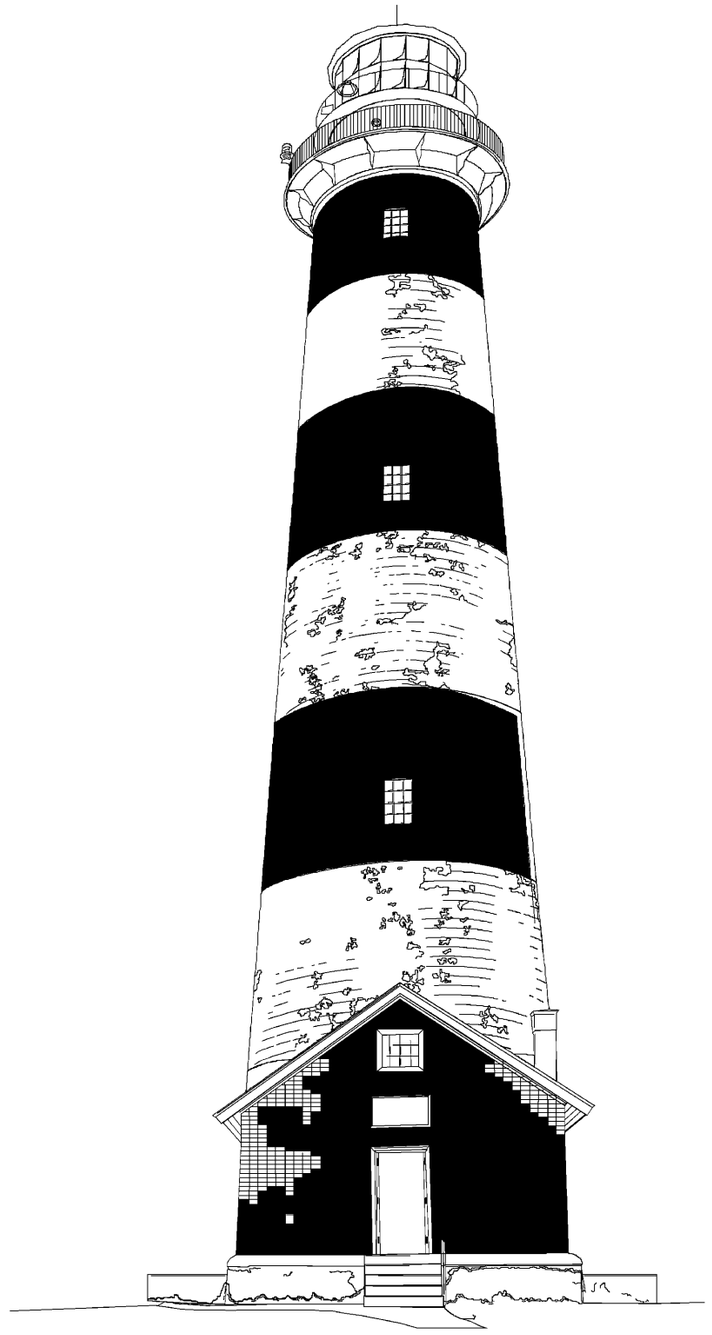
WEST END OF LAKE ERIE

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

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 periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.



To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

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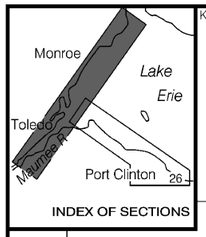


KAPP 901

83°35' 83°30' 83°20' 83°10' 83°05'

M I C H I G A N

HURON R.

DETROIT RIVER

BAR POINT

ONT

Mouillee Creek

PTE MOUILLEE

CANADA
UNITED STATES

Swan Creek

Stony Creek

Sandy Creek

BREST BAY

STONY PT

RIVER RAISIN

MONROE

La Plaisance Creek

BOLLES HARBOR

LA PLAISANCE BAY

Otter Creek

L A K E

E R I E

NORTH CAPE

Halfway Creek

Shantee Creek

MAUMEE RIVER

MAUMEE BAY

CEDAR POINT

Cooley Cr

Ward Canal

Crane Creek

Turtle Creek

MICHIGAN

OHIO

O H I O

TOLEDO

MAUMEE

DELAWARE I

GRASSY I

MAUMEE

EWING I

PERRYSBURG

42°00' 41°55' 41°50' 41°45' 41°40' 41°35'

83°30' 83°25' 83°20' 83°15' 83°10' 83°05'

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local 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.

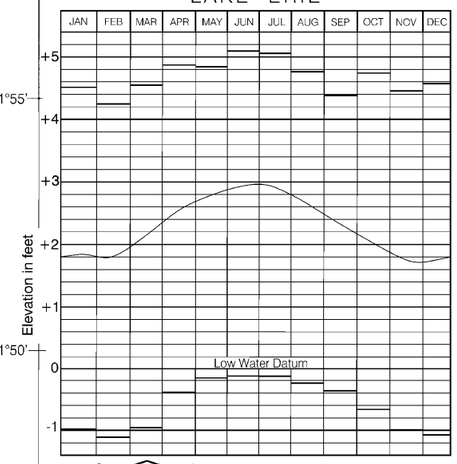
RADAR REFLECTORS

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 for details.

LAKE ERIE



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 1927 must be corrected an average of 0.174" northward and 0.318" eastward to agree with this chart.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

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.

For a general course plotting chart covering the entire west end of Lake Erie, see Sheet 36.

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140

Michigan waters of Lakes Michigan, Huron, Superior, Erie and St. Clair, all waterways connected thereto, and all inland lakes are designated as a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. Commercial vessel sewage shall include graywater. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

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.

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

SUPPLEMENTAL INFORMATION

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

Ⓟ Pump-out facilities

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).

INDEX TO SHEETS OF WEST END OF LAKE ERIE

FROM PERRYSBURG, OHIO, ON THE MAUMEE RIVER TO HURON RIVER, MICH., AND BAR POINT, ONT.

Polyconic Projection
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) . . . . . 569.2 ft.
Referred to mean water level at Rimouski, Quebec International Great Lakes Datum (1985).

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation. See Canadian List of Lights, Buoys and Fog Signals for information not included in the U.S. Coast Guard Light List.

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, and Canadian authorities

Sailing courses and limits indicated in magenta are recommended by the Lake Carriers Association and the Canadian Shipowners Association.

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 Buffalo, New York.

Refer to charted regulation section numbers.

NOTE D

Mariners are warned that numerous uncharted stakes and fishing structures, some submerged, may exist in the area of this chart. Such structures are not charted unless known to be permanent.

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.

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 Geospatial-Intelligence 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)

TOLEDO HARBOR AND MAUMEE RIVER PROJECT DEPTHS
(see note)

NAME OF CHANNEL	PROJECT DEPTH LWD (FEET)
TOLEDO HARBOR	
(A) ENTRANCE CHANNEL	28
(B) ENTRANCE CHANNEL	28
(C) ENTRANCE CHANNEL	28
(D) ENTRANCE CHANNEL	28
(K) WIDENING WEST SIDE	28
MAUMEE RIVER	
(E) THENCE TO LOWER TURNING BASIN	27
(F) LOWER TURNING BASIN	20
(G) THENCE TO MIDDLE TURNING BASIN	27
(I) MIDDLE TURNING BASIN TO END OF PROJECT	25*
(J) UPPER TURNING BASIN	18
(*) NOT MAINTAINED.	

PROJECT DEPTHS

Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro.

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KAPP 1211

JOINS 3

WEST END OF LAKE ERIE

MAUMEE RIVER

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles 1/2 1/4 0 .1 .2 .3 .4 .5

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

TOLEDO
FORT MIAMIS
MAUMEE
EWING ISLAND
PERRYSBURG
Indian Hill Boat Club
Ruins
Ramp
GRAPE ISLAND
Side Cut Metro Park
Gravel Bar
Perrysburg-Maumee Bridge
Bridge Piers
FORT MEIGS MONUMENT
Lucas County Children's Home
Perrysburg Boat Club Front
OHIO TURNPIKE FIXED BRIDGE
HOR CL 110 FT } BOTH DRAWS
VERT CL 37 FT }
Bridge being removed
TOLEDO TERMINAL RR SWING BRIDGE
CSX
OVHD PWR CAB AUTH CL 100 FT
Ohio Turnpike (Toll)
SILOS
TANK
TANK (F R)
TANK (F R) STACK
TR
SPIRE
CHY
PO
Tower
Anthony Wayne Trail
Hemlock Dr
Tamarack Dr
Sandalwood Dr
River Rd
Ford Rd
Hufford Rd
Kumler Dr
Inwood Pl
Argyle Ct
Lamonde Dr
Ave
Scott St
Askin St
Michigan St
Detroit St
Farrer St
Tappan St
Wall St
Colwell St
Hubbel St
Carey St
Kingsbury Ave
Dudley St
Wayne St
Broadway
Second St
Third Ave
Louisiana St
Elm St
Locust St
Maple St
Hickory St
E Boundary St
Pine St
Cherry St
Mulberry St
Grand Rapids Rd
Ramp

MAGNETIC
VAR 7° 0'W (2018)
ANNUAL INCREASE 2'

41°35' 41°34' 83°39' 83°38' 83°37' 83°36'

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2

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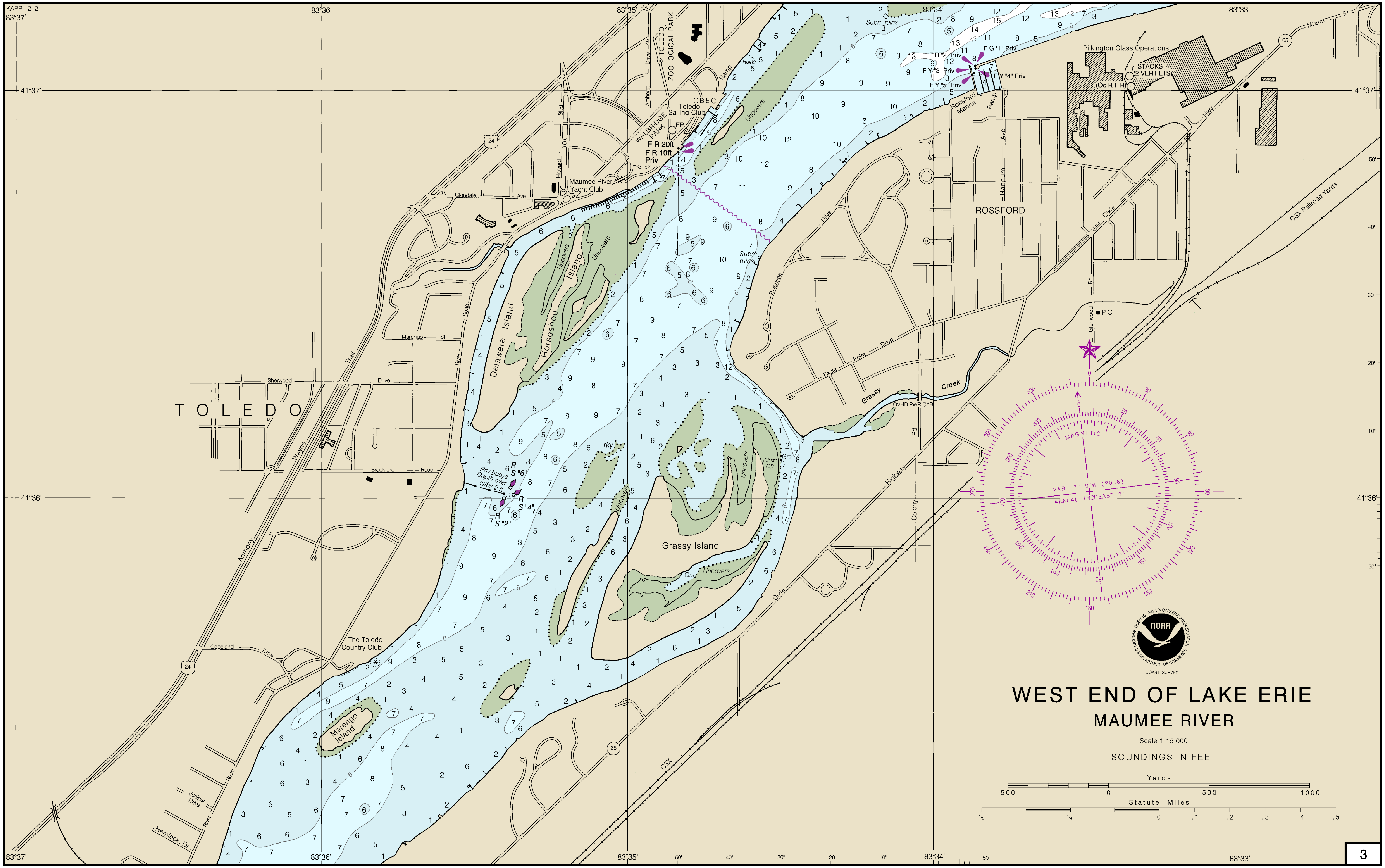
KAPP 1212
WEST END OF LAKE ERIE
MAUMEE RIVER
Scale 1:15,000
SOUNDINGS IN FEET
Yards
Statute Miles
TOLEDO
ROSSFORD
Delaware Island
Horseshoe Island
Grassy Island
Marengo Island
Grassy Creek
The Toledo Country Club
TOLEDO ZOOLOGICAL PARK
WALBRIDGE PARK
Toledo Sailing Club
Maumee River Yacht Club
Rossford Marina
Pilkington Glass Operations
STACKS (2 VERT LTS)
CSX Railroad Yards
Subm ruins
Uncovers
Priv buoys Depth over cribs 2 ft
OVHD PWR CAB
MAGNETIC
VAR 7° 0'W (2018)
ANNUAL INCREASE 2'
COAST SURVEY

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JOINS 5

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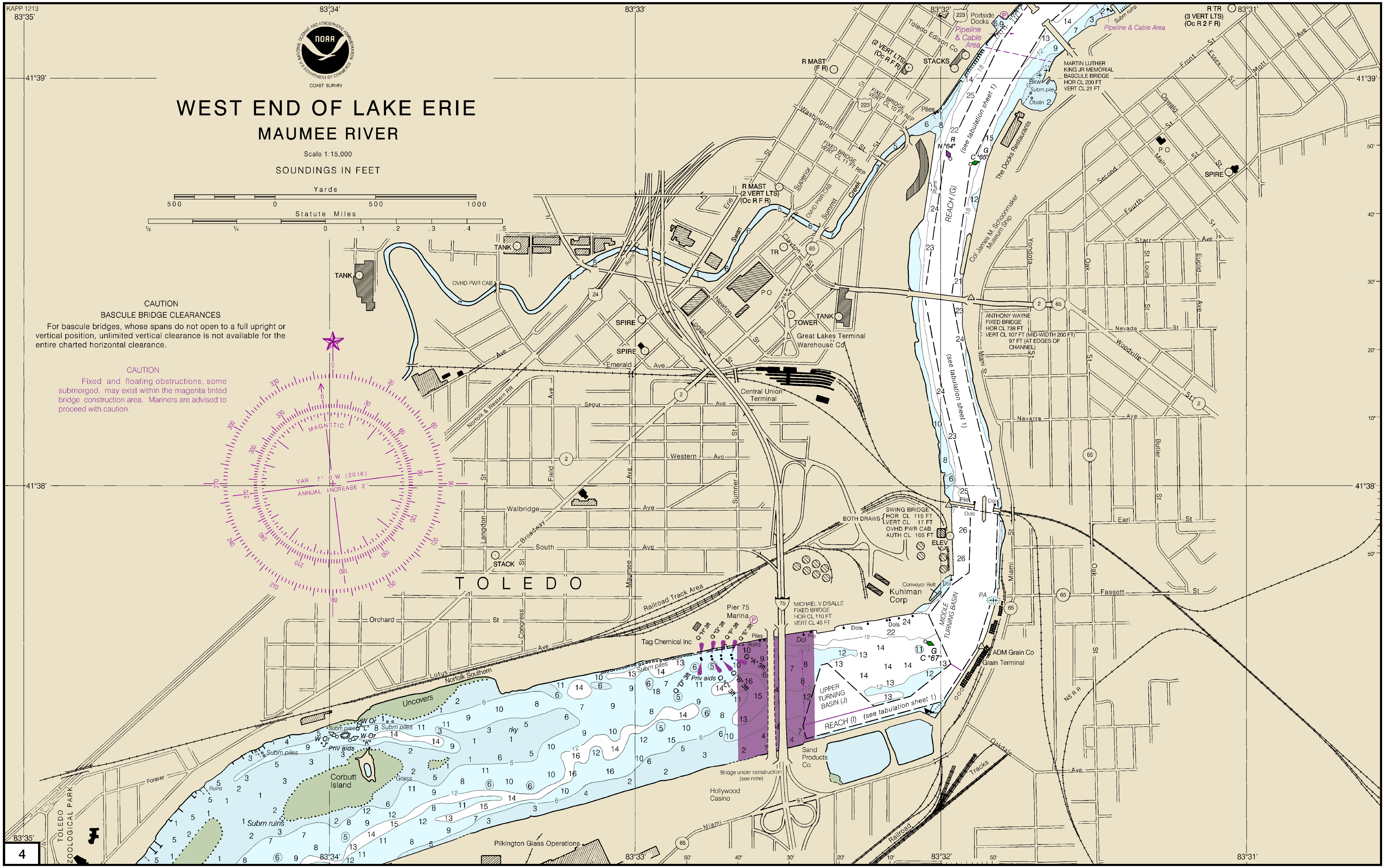

4

14846

JOINS 3

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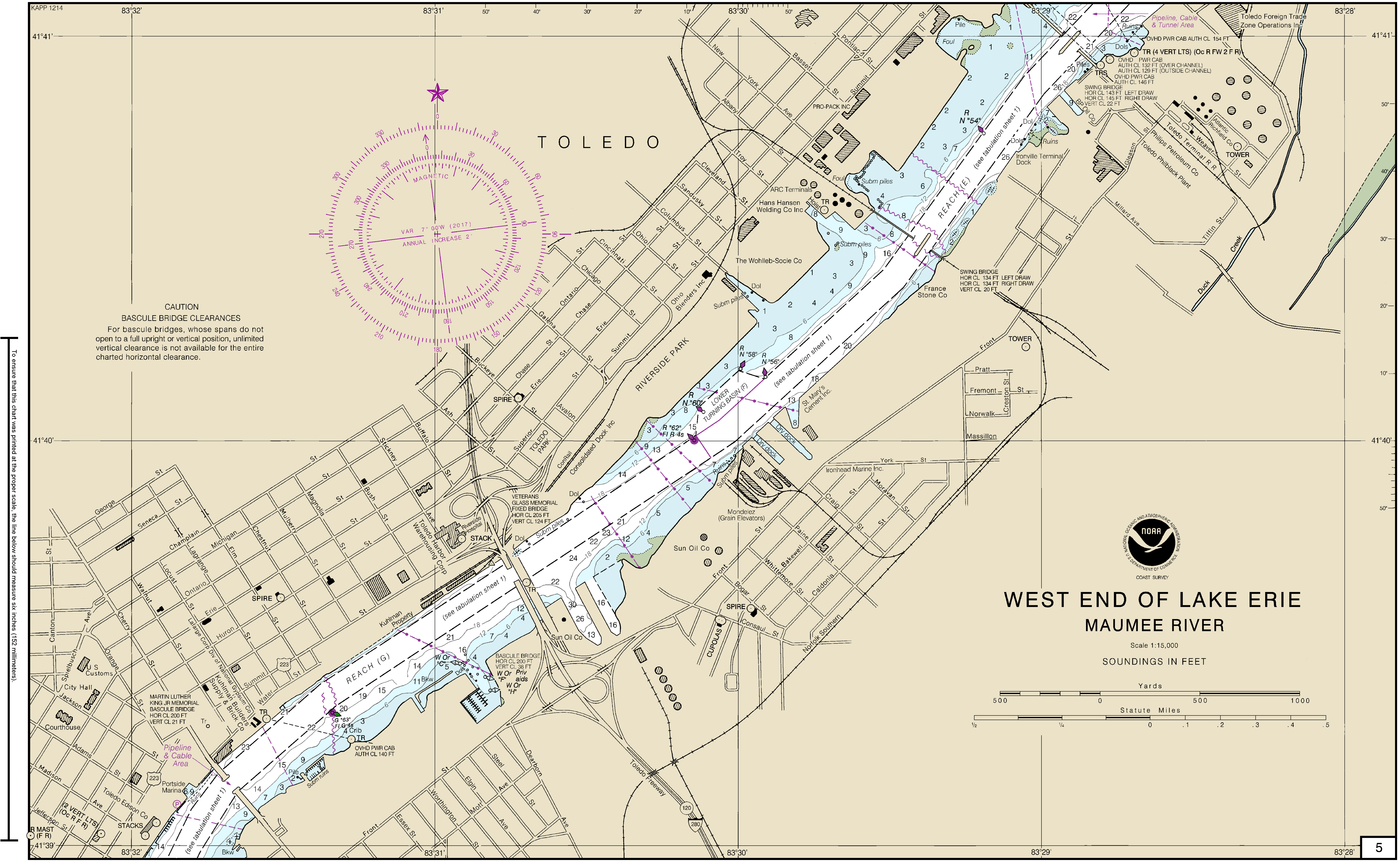
JOINS 6



14846

JOINS 4

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CONTINUED ON 8

CONTINUED ON 7

KAPP 1216

KAPP 1215

YACHT LAGOON

Scale 1:5,000

SOUNDINGS IN FEET

Yards 100 0 100 200 300

WEST END OF LAKE ERIE

MAUMEE RIVER

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles 1/2 1/4 0 .1 .2 .3 .4 .5

BAY VIEW PARK

PARK

VIEW

BAY

M A U M E E B A Y

Grassy Island

TOLEDO

Bay View Yacht Club

The Toledo Yacht Club

Hoist

Ruins

Toledo Harbor Patrol

Corps of Engineers

Coast Guard Moorings

R TR

NOS Gage

Pipeline

6" Priv

OVHD PWR CAB

U S Naval and Marine Corps Reserve Training Center

Ditch

Marsh

Dewitt

Summit St

Dixie Drive

Waldorf Drive

Manhattan Blvd

CSX R R

Scale St

Bock Launch Machine Co

SWING BRIDGE
HOR CL 143 FT LEFT DRAW
HOR CL 145 FT RIGHT DRAW
VERT CL 22 FT
OVHD PWR CAB
AUTH CL 146 FT

Chase St

Erie St

Bassett St

Pile

Foul

PRO-PAK INC

Willow Beach

105th St

117th St

115th St

111th St

Cullen Park

Ramps

P O

Shooling rep 1981

Grs

Uncovers

Subm piles

Bay View Yacht Club

Toledo Harbor Patrol

(use prec)

NOS Gage Pipeline

Subm 4 piles

W Or Priv

R TR

Tank PA

OVHD PWR CAB

Sewage Disposal Plant

MANHATTAN REAR RANGE LT
F G 105ft

MANHATTAN FRONT RANGE LT
F G 24ft

TR
(4 VERT LTS)
(Oc R FW 2 F R)
OVHD PWR CAB
AUTH CL 154 FT

Brenner 75 Marine at Harrisons Marina

Toledo Edison TR Co

Sewer

Subm piles

ED

R "52"

G "49"
Fl G 4s

R "50"
Fl R 4s

REACH (E)
(see tabulation sheet 1)

Coal Docks

Coal Dock

RR Track Area

Railroad Track Area

CSX Railroad

Track

TANK

OVHD PWR CAB

Otter Creek

Midwest Terminals of Toledo International

Toledo Foreign Trade Zone Operations Inc

Pipeline, Cable & Tunnel Area

Ruins

Dols

TR
(4 VERT LTS) (Oc R FW 2 F R)
OVHD PWR CAB
AUTH CL 132 FT (OVER CHANNEL)
AUTH CL 129 FT (OUTSIDE CHANNEL)

TRS

Ashland Oil & Refining Co Inc

BP Oil Co

Piles

Dol

Pile

Uncovers

Foul

Ramp

Subm pile

Harbor View Yacht Club

Hoist

Harbor View Beach

Autokee St

Shore Rd

OVHD PWR CAB

CSX TORCO Iron Ore Terminal

Toledo Edison Co

STACKS

Crib

Sewer

Grass

Bkw

Uncovers

Immergrun

Ramp

ENTRANCE CHANNEL (C)

ENTRANCE CHANNEL (D)

WIDENING WEST

SIDE (K)

R "40"

Q 19ft Priv

Dols

Foul

*R "42"

G "41"
Fl G 4s

(see tabulation sheet 1)

R "46"
Fl R 4s

G "43"
Fl G 4s

G "45"
Fl G 4s

R "48"
Fl R 4s

MAGNETIC

VAR 7° 0'W (2018)

ANNUAL INCREASE 2'

R MAST
(3 VERT LTS)
(Oc R 2 F R)

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

83°28'30"

83°30'

83°29'

83°28'

83°27'

83°26'

41°42'

41°41'30"

41°41'

N

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6

14846

JOINS 5

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CONTINUED ON 10

KAPP 1217

83°28' 83°26' 83°24' 83°22'

41°44' 41°43' 41°42'

NORTH MAUMEE BAY

NO-DISCHARGE ZONE
(see note Z)

ENTRANCE CHANNEL (B)
ENTRANCE CHANNEL (C)
ENTRANCE CHANNEL (D)
WEST SIDE (K)
WIDENING
REACH (E)

(see tabulation sheet 1)

Turtle Island
Indian Island
Oard Island
Woodtick Peninsula
North Cape
Snag
Grassy Island
Dry Tree Point
Carland Beach
Harbor View Yacht Club
Harbor View Beach
Lost Peninsula
Marina
Cedar Point
Long Pond
Niles Beach
Maumee Bay State Park and Marina
Immergrun
Toledo Edison Co
Hooper Run
Halfway Creek
Shantee Creek
Otter Creek
Detroit Toledo Freeway
FRED C YOUNG FIXED BRIDGE HOR CL 77 FT VERT CL 14 FT
FIXED BRIDGE VERT CL 7 FT REP
OVHD PWR CAB AUTH CL 42 FT
OVHD PWR CAB
FIXED BRIDGES
Shl rep 1981
Subm piles
Subm stake
Foul Area
Track
Crib
Dols
Tank PA
TANK
STACKS
Ruins
Piles
Pile
Ramps
Obstns
Groin
Uncovers
Grass
Wds
Cy
S Cy
S G
S
M

R "26" Fl R 4s
G "25" Fl G 4s
G "C 23"
R 8 N "28"
G "C 27"
R "30" Fl R 4s AIS
Wk
Fl G 4s 43ft 5 St M "29"
R N "32"
G "C 31"
R "34" Fl R 4s
G "33" Fl G 4s
R N "36"
G "C 35"
R "38" Fl R 4s
G "37" Fl G 4s
R N "40"
R N "42"
G "41" Fl G 4s
Q 19ft Priv
2 R "46" Fl R 4s
G "43" Fl G 4s
R "48" Fl R 4s
G "45" Fl G
F G 24ft
R "50" Fl R 4s
G "49" Fl G 4s
F G 105ft
R N "52"
Y "A" Fl Y 4s Priv
Y Fl Y 4s Priv
Fl R 3s 25ft Priv
Fl G 3s 25ft Priv

MAGNETIC
VAR 7° 15'W (2018)
ANNUAL INCREASE 2'

WEST END OF LAKE ERIE
MAUMEE BAY

Scale 1:30,000

SOUNDINGS IN FEET

NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION DEPARTMENT OF COMMERCE COAST SURVEY

Yards 1000 0 1000 2000 3000

Statute Miles 1 ½ 0 1

CONTINUED ON 27

CONTINUED ON 6

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KAPP 1218

83°30'

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

WEST END OF LAKE ERIE

Scale 1:10,000

SOUNDINGS IN FEET

Yards
200 0 200 400 600 800

Statute Miles
1/10 0 1/2

8

14846

CONTINUED ON 6

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WEST END OF LAKE ERIE

Scale 1:10,000

SOUNDINGS IN FEET

Yards 200 0 200 400 600 800

Statute Miles 1/16 0 1/2

COAST SURVEY

14846

JOINS 8

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JOINS 11

KAPP 1220

Consumers Power Co
STACKS
TANK (F R)
Foot bridge
Obstns
Pile
Piles
Marsh
Grass
OVHD PWR CAB
Bay Creek
Uncovers
Subm pile
Duck blind
WOODTICK
PENINSULA
NO-DISCHARGE ZONE
(see note Z)
Cy
G Cy
MAGNETIC
VAR 7° 15'W (2017)
ANNUAL INCREASE 2'
83°26'
83°25'
83°24'
83°27'
41°47'
41°46'

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

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards
500 0 500 1000

Statute Miles
½ ¼ 0 .1 .2 .3 .4 .5

10

14846

CONTINUED ON 7

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83°27' 83°26' 83°25' 83°24' 83°23'

41°49' 41°48'

Toledo Beach
Marsh
OVHD PWR CAB
Marsh
OVHD PWR CABS
Allens Cove
Marsh
Grs
Marsh
Marsh
TANK (F R)
Detroit-Toledo Freeway
Groins
Breakwaters
Groin
Columbus Grove
75
Victory Rd
Breakwater
Bkws
Luna Pier Rd
P O
Luna Pier
TOWER
Holst
Luna Pier Harbour Club
Ramps
Ramp
Ruins
Pile
6 ft rep 2008
OVHD PWR CABS
Ruins
Breakwaters
Groins
Erie Rd
Consumers Power Co
STACKS
TANK (F R)
Pile
NO-DISCHARGE ZONE
(see note Z)
Cy
S Cy
MAGNETIC
VAR 7°15'W (2017)
ANNUAL INCREASE 2

NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
DEPARTMENT OF COMMERCE
COAST SURVEY

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards
500 0 500 1000

Statute Miles
1/2 1/4 0 .1 .2 .3 .4 .5

11

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

KAPP 1222

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles ½ ¼ 0 .1 .2 .3 .4 .5

Avalon Beach
Uncovers
Groin
Woodchuck Creek
Ramp
Rose Harbor Marina
La Plaisance Creek
OVHD PWR CABLE
Road
Cy
4 FT FOR MID-WIDTH OF 50 FT APR 2017
G "1" Fl G 4s
R "2" Fl R 4s
Bolles Harbor Entr
S G
S Cy
MAGNETIC
VAR 7°15'W (2017)
ANNUAL INCREASE 2'
PA
NO-DISCHARGE ZONE
(see note Z)
Fl G 4s 22ft 1 Priv
Shoal (Rep 1984)
Pile
Detroit-Toledo Freeway
Otter Creek
North Otter Creek
Uncovers
Uncovers M
Uncovers M Wds
Marsh
Lighthouse Harbor
Otter Creek Marina
Fl G 4s Priv
Four OVHD PWR CBL 50 FT REP
Grs
Ramp
South Otter Creek
For more detail see Sheet 13
NORTH SHORES
Lakeshore Dr
Ruins
Sulphur Creek Ma
F R Priv
F R Priv (use inset)
Q R Priv
Q G Priv
Toledo Beach Marina
Marsh
Cy
41°51'
41°50'
83°25'
83°24'
83°23'
83°22'
83°21'

KAPP 1223

Sulphur Creek
Marsh
F R 47ft Priv
F R 37ft Priv
NO-DISCHARGE ZONE
(see note Z)
41°49'45"
North Cape Yacht Club
Hoists
Subm piles
Q R 10ft Priv
Q G 10ft Priv
Toledo Beach Marina
Toledo Beach
N

TOLEDO BEACH

Scale 1:5,000

SOUNDINGS IN FEET

Yards 100 0 100 200 300

83°24'45"
84°24'30"

12

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

83°25'
83°24'30"
83°24'
41°51'
41°50'30"

Detroit - Toledo Freeway
75
La Vigne Road
North Otter Creek Road
Groin
Ramp
Marsh
Uncovers
M
Grass
Ruins
Ma
4 ft rep 1999
Hoists
Lighthouse Harbor
Otter Creek Marina
OVHD PWR CAB CL 50 FT REP
Subm piles
Subm groin
Pile
Shoal (Rep 1984)
Fl G 4s 22ft Priv
NO-DISCHARGE ZONE
(see note Z)
South Otter Creek Road
Beach St
Ave
MAGNETIC
VAR 7° 15'W (2017)
ANNUAL INCREASE 2'
NOAA
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
COAST SURVEY

WEST END OF LAKE ERIE
OTTER CREEK

Scale 1:5,000

SOUNDINGS IN FEET

Yards
100 0 100 200 300 400

13

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

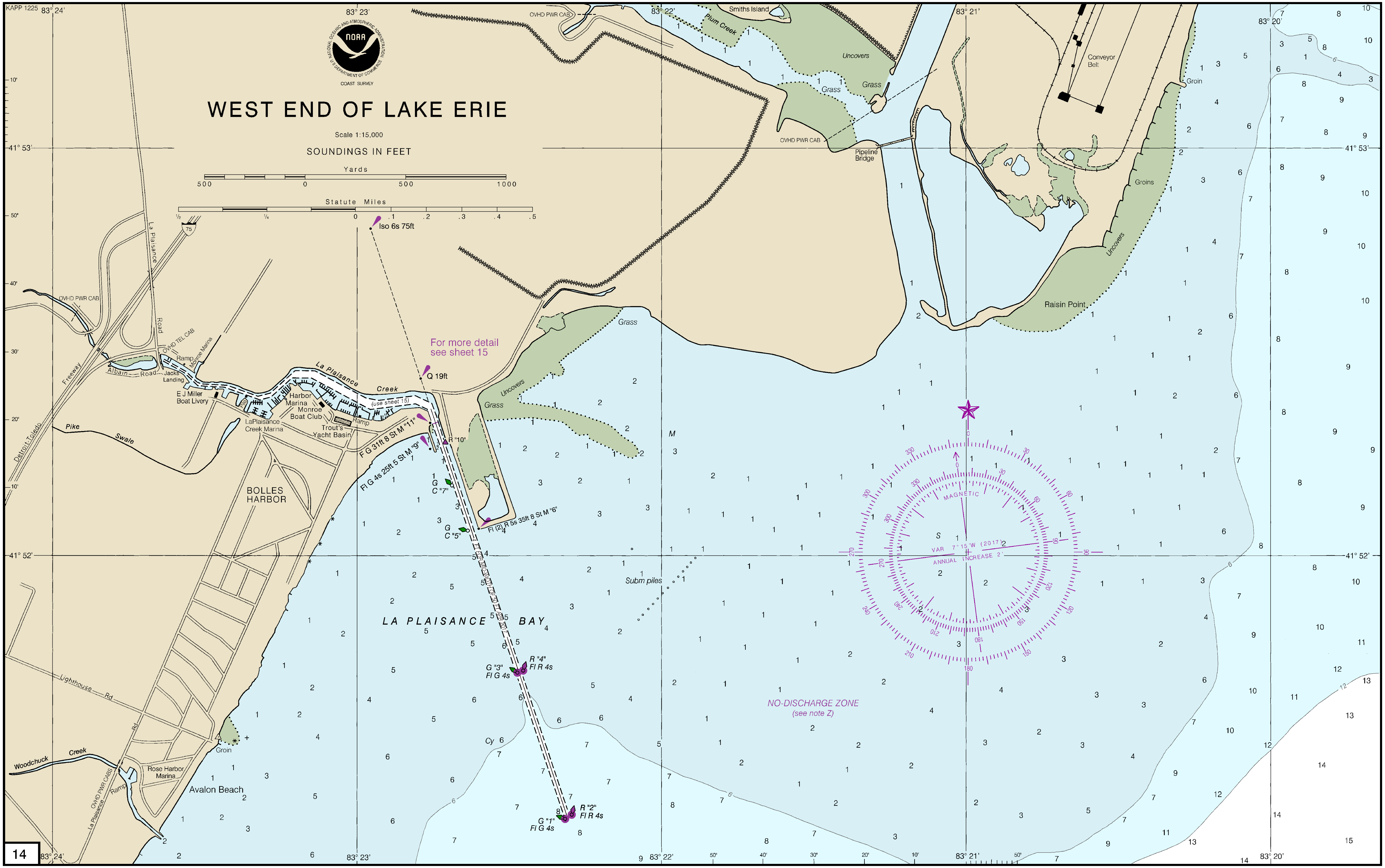
14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

JOINS 16


KAPP 1225
WEST END OF LAKE ERIE
Scale 1:15,000
SOUNDINGS IN FEET
Yards
Statute Miles
COAST SURVEY
Smiths Island
Plum Creek
Uncovers
Grass
OVHD PWR CAB
Pipeline Bridge
Conveyor Belt
Groin
Groins
Raisin Point
Iso 6s 75ft
For more detail see sheet 15
Q 19ft
La Plaisance Creek
(use sheet 15)
Harbor Marina
Monroe Boat Club
Trout's Yacht Basin
LaPlaisance Creek Marina
E J Miller Boat Livery
Jacks Landing
Ramp
Monroe Marina
OVHD TEL CAB
Albain Road
La Plaisance Road
Freeway
Detroit-Toledo
Pike Swale
BOLLES HARBOR
F G 31ft 8 St M "11"
Fl G 4s 25ft 5 St M "9"
R "10"
G C "7"
G C "5"
Fl (2) R 5s 35ft 8 St M "6"
Subm piles
LA PLAISANCE BAY
G "3" Fl G 4s
R "4" Fl R 4s
G "1" Fl G 4s
R "2" Fl R 4s
NO-DISCHARGE ZONE
(see note Z)
MAGNETIC
VAR 7° 15'W (2017)
ANNUAL INCREASE 2'
Lighthouse Rd
Woodchuck Creek
Groin
Rose Harbor Marina
Avalon Beach
OVHD PWR CABS
La Plaisance
83° 24'
83° 23'
83° 22'
83° 21'
83° 20'
41° 53'
41° 52'
14

14846

JOINS 12

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

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This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).


KAPP 1226
83°23'30"
83°23'
83°22'30"
41°52'30"
41°52'
WEST END OF LAKE ERIE
LA PLAISANCE CREEK
Scale 1:5,000
SOUNDINGS IN FEET
Yards
100 0 100 200 300 400
Marsh
Uncovers
Q 19ft
La Plaisance Rd
Monroe Marina
Ramp
Ruins
OVHD TEL CAB AUTH CL 26 FT
Jacks Landing
E J Miller Boat Livery
Hoist
Matthews Bait and Tackle
1/2 FT APR 2017
4 FT APR 2017
Harbor Marine
Monroe Boat Club
LaPlaisance Creek Marina
Hoist Ramp
Floating pier
Trout's Yacht Basin
OPM Boat Club and Marina
Flying Eagle Marina
F G 31ft 8 St M "11"
R "10"
Fl G 4s 25ft 5 St M "9"
G C "7"
G C "5"
Fl (2) R 5s 35ft 8 St M "6"
4 FT FOR MID-WIDTH OF 50 FT APR 2017
Swale
Bayside Dr
Pike
Bridge St
Lake St
Center Dr
Miami Ave
Lake Dr
Alton Road
Biscayne Ave
Bonner Rd
Shady Lane
Ohio Dr
Plaisance Road
BOLLES HARBOR
Groins
MAGNETIC
VAR 7°15'W (2017)
ANNUAL INCREASE 2'
NO-DISCHARGE ZONE
(see note Z)
LA PLAISANCE BAY
15

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14846

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To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

KAPP 1227

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles ½ ¼ 0 1 2 3 4 5

NOAA — National Oceanic and Atmospheric Administration — U.S. Department of Commerce — Coast Survey

41° 55'

83° 22'

83° 21'

83° 20'

83° 19'

41° 54'

41° 53'

Mason Run

Detroit Ave

OVHD PWR CAB

FIXED BRIDGE HOR CL 90 FT REP VERT CL 12 FT REP

Ramp

Sterling I

River Front Marina

Hoist

OVHD PWR CABS AUTH CL 65 FT

TANK

Detroit Stoker Co

MONROE

Oak St

Fernwood

Bayview

Glenwood

Norwood

FIXED BRIDGE HOR CL 151 FT VERT CL 23 FT

OVHD PWR CAB AUTH CL 60 FT

East Elm Ave

Wastewater Treatment Plant

F 91ft

Subm pile

MONROE HARBOR 2

MONROE HARBOR TURNING BASIN PROJECT DEPTH 18 FEET (see note)

(see note E)

G C "9"

PORT OF MONROE

PROJECT DEPTH 21 FEET (see note)

Piles

OVHD PWR CAB AUTH CL 160 FT

OVHD PWR CAB AUTH CL 161 FT

TRS E TR (2 VERT LTS) (Oc R F R)

RIVER RAISIN

Iso 6s 51ft

Dam

Ramp

TRS E TR (2 VERT LTS) (Oc R F R)

OVHD PWR CAB

Intake Canal

OVHD PWR CABS

Barrier

OVHD PWR CAB

Overflow Canal

Foot bridge

Barrier

Conveyor Belt

DTE Energy Co Monroe Power Plant

STACKS 816 FT (8 VERT LTS) (4 Fl W 4 F R)

Conveyor Belt

Automotive Components Holding, LLC

Marsh

Ruins

Foot bridge

STERLING STATE PARK

S G

Grs

W Or "D"

W Or "C"

W Or "B"

W Or "A"

Priv aids

R N "8"

Dols

G C "7"

MONROE HARBOR 3 PROJECT DEPTH 21 FEET (see note)

R "6" Fl R 4s

G "5" Fl G 4s

NO-DISCHARGE ZONE (see note Z)

Groin

Uncovers

Goins

Detroit-Toledo Freeway

East Front St

GerdauMac Steel Co.

Kauslers Island

Plum

Grass

Marsh

Uncovers

Smiths Island

Creek

Dunbar Rd

OVHD PWR CAB

Pipeline Bridge

M

75

50

NOTE E

Buried chemically contaminated material covered with a cap of non-contaminated material. Inside the channel, the top of the cap lies at a minimum depth of 3 feet below the project depth of 21 feet. Mariners are requested not to anchor in this area to avoid damage to the cap.

MAGNETIC

VAR 7° 15' W (2018)

ANNUAL INCREASE 2'

JOINS 17

JOINS 14

16

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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This chart is canceled. No new editions will be issued.

KAPP 1228

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles ½ ¼ 0 .1 .2 .3 .4 .5

NOAA — National Oceanic and Atmospheric Administration — U.S. Department of Commerce — Coast Survey

83° 19' 83° 18' 83° 17' 83° 16' 83° 15'

41° 54' 41° 53' 41° 52'

JOINS 16

NO-DISCHARGE ZONE
(see note Z)

(see note D)

R "6" Fl R 4s

G "5" Fl G 4s

R "4"

G "3"

MONROE HARBOR 3 PROJECT DEPTH 21 FEET (see note)

R "2" Fl R 2.5s AIS

G "1" Fl G 2.5s AIS

MAGNETIC

VAR 7° 15'W (2018)

ANNUAL INCREASE 2'

S G

S

S Cy

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

17

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

KAPP 1229

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards

500 0 500 1000

Statute Miles

½ ¼ 0 .1 .2 .3 .4 .5

83° 21' 83° 20' 83° 19' 83° 18' 83° 17'

41° 56'

41° 55'

10" 50" 40" 30" 20" 10"

Nadeau Road

Stony Creek

OVHD PWR CABS

Brest Road

Brest Bay Marina

For more detail see Sheet 19

Woodland Beach

Highway

Dixie

Subm piles

Ruins

Uncovers

Priv aids

Subm Crib

Detroit Beach

Sandy Creek Road

OVHD PWR CAB

Detroit Beach Boat Club

For more detail see Sheet 19

Ramps

STATE PARK

STERLING

Marsh

BREST BAY

NO-DISCHARGE ZONE
(see note Z)

(see note D)

PA

MAGNETIC

VAR 7° 15'W (2017)

ANNUAL INCREASE 2'

JOINS 20

JOINS 16

18

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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KAPP 1230

STONY CREEK

Scale 1:5,000

SOUNDINGS IN FEET

Yards 100 0 100 200 300 400

83°18'30" 83°18'

Woodland Beach

Marsh

Brest Road

Hoist Ramp

Brest Bay Marina

F R 23ft PA

F R 14ft PA

R N "8"

G C "7"

R N "6"

G C "5"

R N "4"

G C "3"

R N "2"

G C "1"

Priv aids

ED

Ruins

Uncovers

NO-DISCHARGE ZONE
(see note Z)

B R E S T B A Y

41°56'30"

N

KAPP 1231

SANDY CREEK

Scale 1:5,000

SOUNDINGS IN FEET

Yards 100 0 100 200 300 400

83°20' 83°19'30"

Detroit Beach Boat Club

Detroit Beach

Uncovers

Marsh

Grass

Ruins

R N "10" Priv

G C "9" Priv

G C "7" Priv

R N "8" Priv

R N "6" Priv

G C "11" Priv

G C "5" Priv

G C "3" Priv

R N "14" Priv

G C "13" Priv

R N "16" Priv

G C "15" Priv

Subm piles

Foul

NO-DISCHARGE ZONE
(see note Z)

STATE PARK

STERLING

Ramps

BREST BAY

41°55'30"

N

19

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

JOINS 21

KAPP 1232

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

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles ½ ¼ 0 .1 .2 .3 .4 .5

83° 17' 83° 16' 83° 15' 83° 14' 83° 13'

41° 57' 41° 56'

Enrico Fermi Power Plant
TANK (FI R)
OVHD PWR CAB
Q R "A" Priv
Jetty
Barrier
Jetty
Depth over (NOS) gage intake 5 ft
Q R "B" Priv
R MAST (4 VERT LTS) (2 Oc R 2 F R)
Marsh
Grass
Grass
Marsh
Marsh
SECURITY ZONE 165.915 (see note A)
PWI
W Or "G" Priv
MAGNETIC
VAR 7° 15'W (2017)
ANNUAL INCREASE 2'
Point Aux Peaux
W Or "L" Priv
W Or "K" Priv
W Or "J" Priv
Rk
W Or "I" Priv
W Or "H" Priv
TANK
Ramp
Point Aux Peaux Road
Marsh
Ruins
Ruins
Ruins
Marsh
Subrm Crib
Marsh
STONY POINT
OVHD PWR CAB
FIXED BRIDGE VERT CL 6 FT REP
OVHD PWR CAB
FIXED BRIDGE VERT CL 6 FT REP
FIXED BRIDGE VERT CL 6 FT REP
Foot bridge
Ruins
Ruins
Ruins
Cy
St
Stony Point
rky
rky
S
S
S G
(see note D)
PWI
Depth over crib 14 ft
NO-DISCHARGE ZONE
(see note Z)
B R E S T B A Y

20

14846

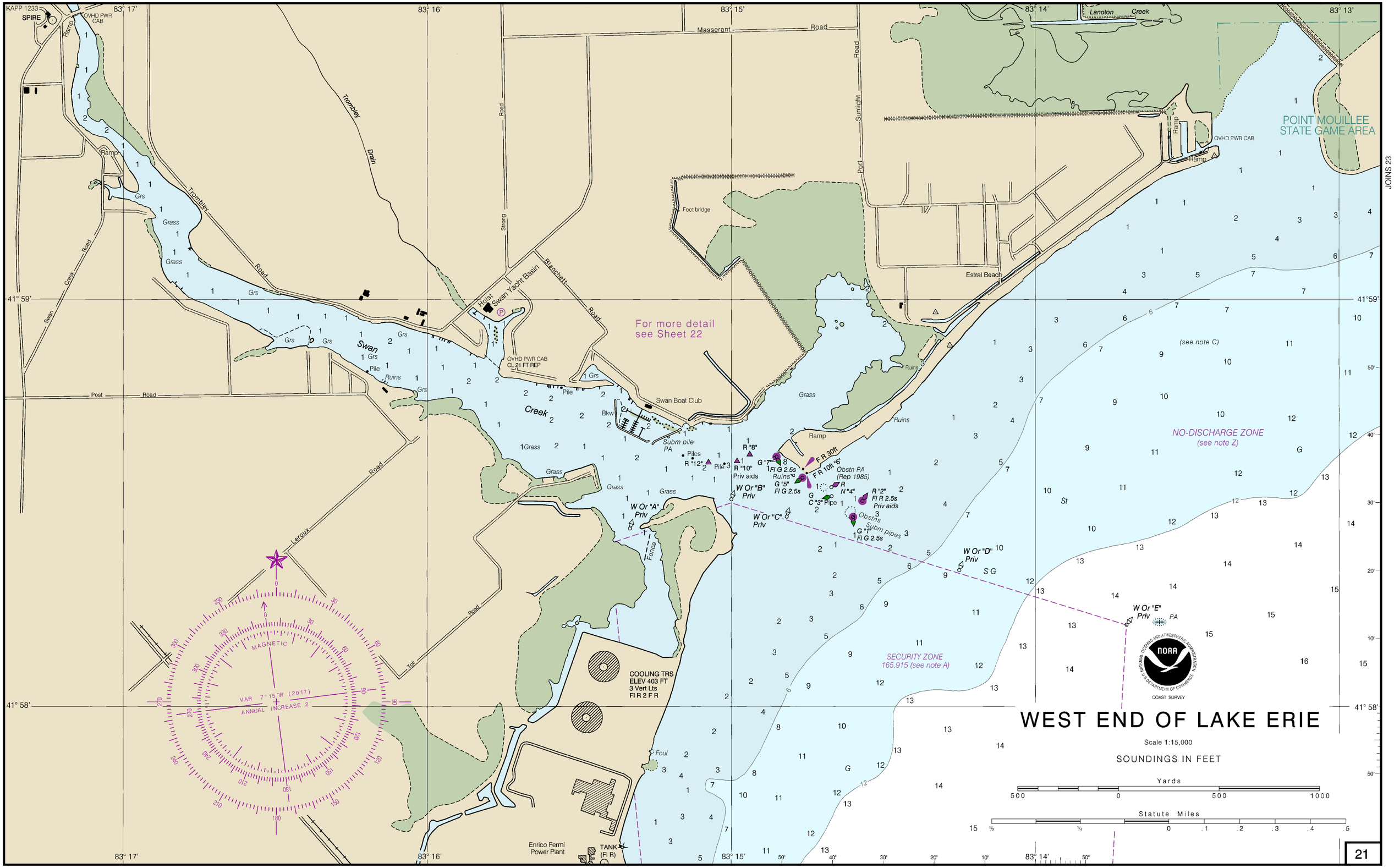
16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

JOINS 18

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).



To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

KAPP 1234

WEST END OF LAKE ERIE
SWAN CREEK

Scale 1:5,000

SOUNDINGS IN FEET

Yards 100 0 100 200 300 400

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

22

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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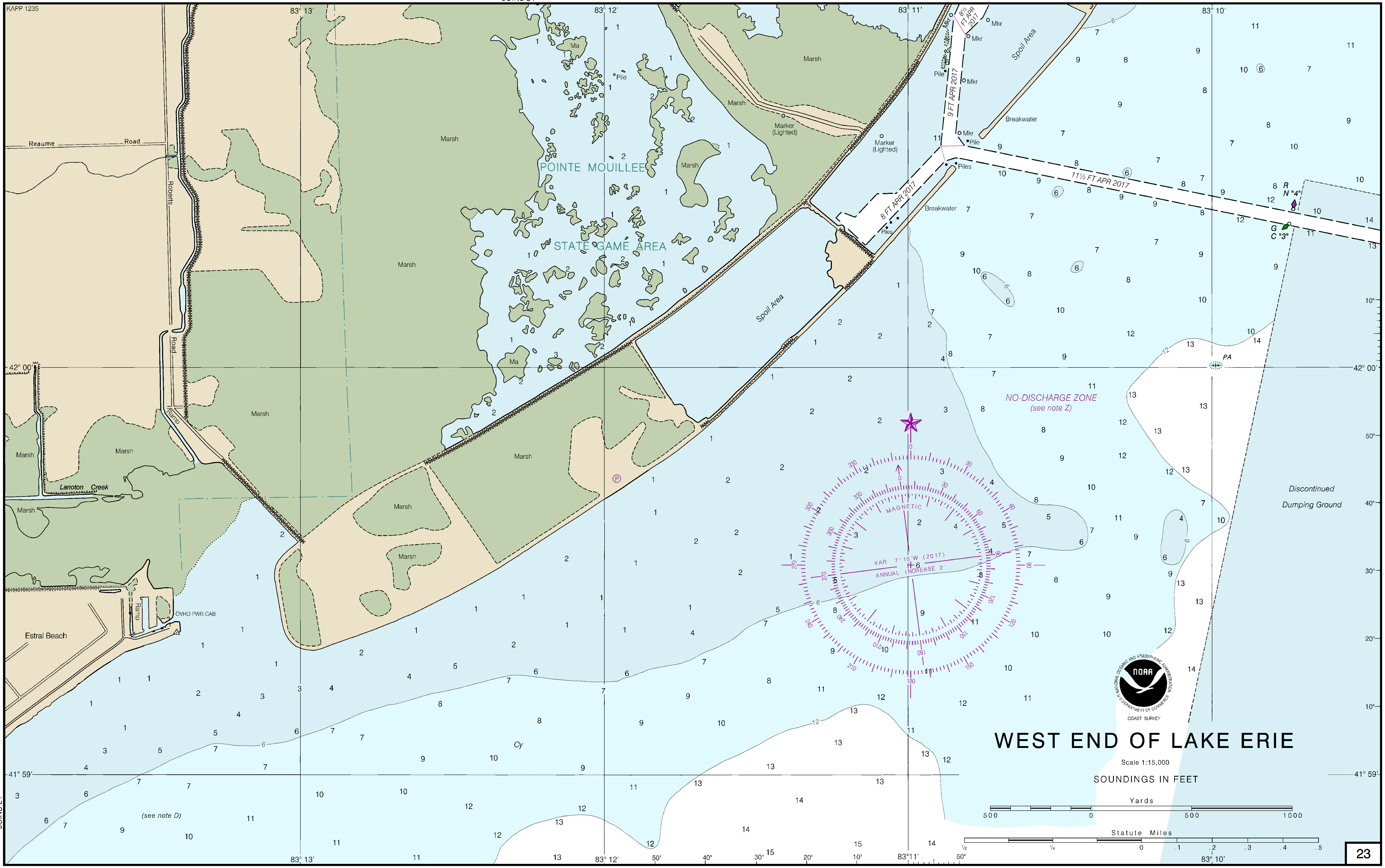
This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

JOINS 24

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).



14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

JOINS CHART 14853

WEST END OF LAKE ERIE

Scale 1:15,000

SOUNDINGS IN FEET

Yards 500 0 500 1000

Statute Miles ½ ¼ 0 .1 .2 .3 .4 .5

CAUTION

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

For more detail see Sheet 25

NO-DISCHARGE ZONE (see note Z)

POINTE MOUILLEE STATE GAME AREA

MAGNETIC VAR 7° 15' W (2018) ANNUAL INCREASE 2'

East Rockwood

MILLMAN ISLAND

Milleville Beach

Lakepointe Marina

Pte Mouillee

Mouillee Creek

Huron River Drive

Lauterschlanger Road

Sigler Road

Roberts Road

Wassanova Road

Pointe Mouillee Road

Levee

Drain

Spoil Area

Breakwater

8½ FT APR 2017

9 FT APR 2017

Bridge under construction (see note) OVHD PWR CAB

OVHD PWR CABLE

FIXED BRIDGE VERT CL 8 FT REP

FIXED BRIDGE VERT CL 10 FT REP

OVHD PWR CAB AUTH CL 38 FT

Obstn rep PA

Subm piles

Game Area Bdry

Hdqrs Pointe Mouillee State Game Area

COAST SURVEY

83° 13' 83° 12' 83° 11' 83° 10'

42° 02' 42° 01'

JOINS 23

24

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

WEST END OF LAKE ERIE
HURON RIVER

Scale 1:5,000

SOUNDINGS IN FEET

Yards 100 0 100 200 300 400

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

MILLMAN ISLAND

POINTE MOUILLEE STATE GAME AREA

Rockwood

Milleville Beach

Lakepointe Marina

Hdqrs Pointe Mouillee State Game Area

Game Area Boundary

MAGNETIC

VAR 7°30'W (2018)
ANNUAL INCREASE 2'

NO-DISCHARGE ZONE
(see note Z)

OVHD PWR CAB
AUTH CL 38 FT

Bridge under construction
(see note)

OVHD PIPE

Subm piles

Jefferson Ave

Sigler Road

Levee

Creek

Silver

Grass

Marsh

Ramp

Ramps

Ruins

Foul

Snag

Grs

M

83°12'30"

83°12'

83°11'30"

42°02'30"

CAUTION

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

14846

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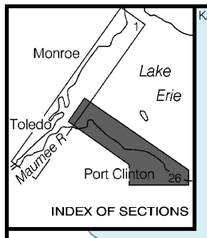
This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

KAPP 902



83°20' 83°15' 83°10' 83°05' 83°00' 82°55' 82°50'

41°40'

41°35'

41°30'

For a general course plotting chart covering the entire west end of Lake Erie, see Sheet 36.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Toledo, OH	WXL-51	162.550 MHz
Cleveland, OH	KHB-59	162.550 MHz
Detroit, MI	KEC-63	162.550 MHz
Sandusky, OH	KHB-97	162.400 MHz
Adrian, OH	WNG-647	162.450 MHz
Akron, OH	KDO-94	162.400 MHz
Grafton, OH	WNG-698	162.500 MHz

INDEX TO SHEETS OF

WEST END OF LAKE ERIE

FROM MAUMEE BAY TO PORT CLINTON AND

PORTAGE RIVER

LAKE ERIE

OHIO

MAUMEE BAY

CEDAR POINT

Potters Pond

Cooley Creek

Reno Beach

Ward Canal

Metzger Marsh

Bono

Crane Creek

Magee Marsh State Reservation

TURTLE CREEK

LONG BEACH

LOCUST POINT

TOUSSAINT RIVER

Rusha Creek

Erie Industrial Park

Camp Perry

Lacarpe Creek

Lacarne

Oak Harbor

PORTAGE RIVER

PORT CLINTON

NORTH BASS ISLAND

SUGAR I

RATTLESNAKE I

MIDDLE BASS ISLAND

SOUTH BASS ISLAND

GREEN I

CATAWBA ISLAND

SANDUSKY BAY

MUDDY CREEK BAY

26 27 28 29 30 31 32 33 34 35

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

14846

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This chart is canceled. No new editions will be issued.

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

KAPP 1238

WEST END OF LAKE ERIE

Scale 1:20,000

SOUNDINGS IN FEET

Yards 500 0 500 1000 1500

Statute Miles ½ 0 ½ 1

NOAA — National Oceanic and Atmospheric Administration — U.S. Department of Commerce — Coast Survey

83°20' 83°18' 83°16'

41°42' 41°41'

CONTINUED ON 7

Cedar Point
Uncovers
Subm stake
S G
MAUMEE BAY
Marsh
Ma
Long Pond
Cedar Creek Pond
Obstns
Ruins
Back of Howells Pond
Suzor Pond
Wolf Creek Pond
Old Pump House Pond
Lacourse Pond
Obstn
Uncovers
Potters Pond
Toledo Waterworks
Anderson Ditch
Cedar Point Rd
Cy
S Cy
PA
PWI
CRIB LTS
4 Q 50ft
Priv
Depth over crib 8 ft
Fl R 4s 30ft 4 St M "2"
Fl G 4s 30ft 4 St M "1"
F R 21ft Priv
F R 42ft Priv
Spike
Groin
Bkw
Subm
(see note C sheet 28)
(see note D)

MAGNETIC
VAR 7°15'W (2018)
ANNUAL INCREASE 2'

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27

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JOINS 28

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
LNM: 3823 (9/19/2023), NM: 3923 (9/30/2023), CHS: 0823 (8/25/2023)

This chart is canceled. No new editions will be issued.

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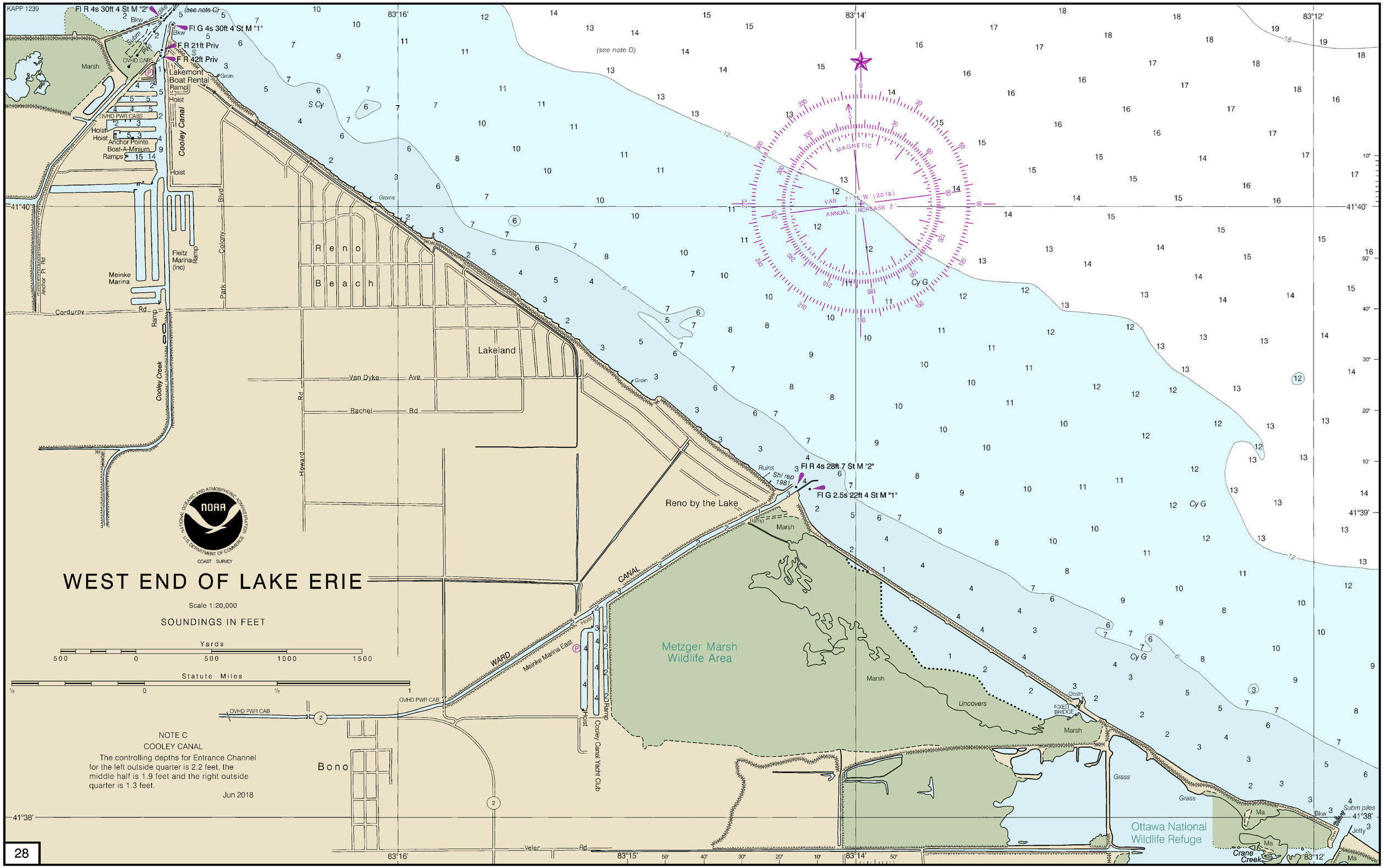
KAPP 1239



WEST END OF LAKE ERIE

Scale 1:20,000

SOUNDINGS IN FEET

Yards

500 0 500 1000 1500

Statute Miles

½ 0 ½ 1

NOTE C

COOLEY CANAL

The controlling depths for Entrance Channel for the left outside quarter is 2.2 feet, the middle half is 1.9 feet and the right outside quarter is 1.3 feet.

Jun 2018

14846

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KAPP 1240

WEST END OF LAKE ERIE

Scale 1:20,000

SOUNDINGS IN FEET

Yards 500 0 500 1000 1500

Statute Miles ½ 0 ½ 1

COAST SURVEY

83°12'

83°10'

83°08'

41°38'

(see note D)

MAGNETIC

VAR 7° 15' W (2017)

ANNUAL INCREASE 2'

Cy G

Cy

Ma

Grs

Marsh

Subm piles

Jetty

Groins

Parking Lot

Crane Creek State Park

Crane Creek

Levee

Big Sand Bay

Ottawa National Wildlife Refuge

Foot bridge

MAGEE MARSH

Groin

Fl R 2.5s 28ft "2" Priv

Turtle Point Marina

OVHD PWR CAB

F R 12ft Priv

F G 13ft Priv Aids F G 22ft

Long Beach Assn

Hoist

East Side Marina

LONG BEACH

Grass

TURTLE CREEK

Ramp Turtle Creek Marina

OVHD PWR CABS

Ramps Fenwick Marina

Ramps Barrier

Magee East Marina

Obstn

29

82 SNJOR

96 SNJOR

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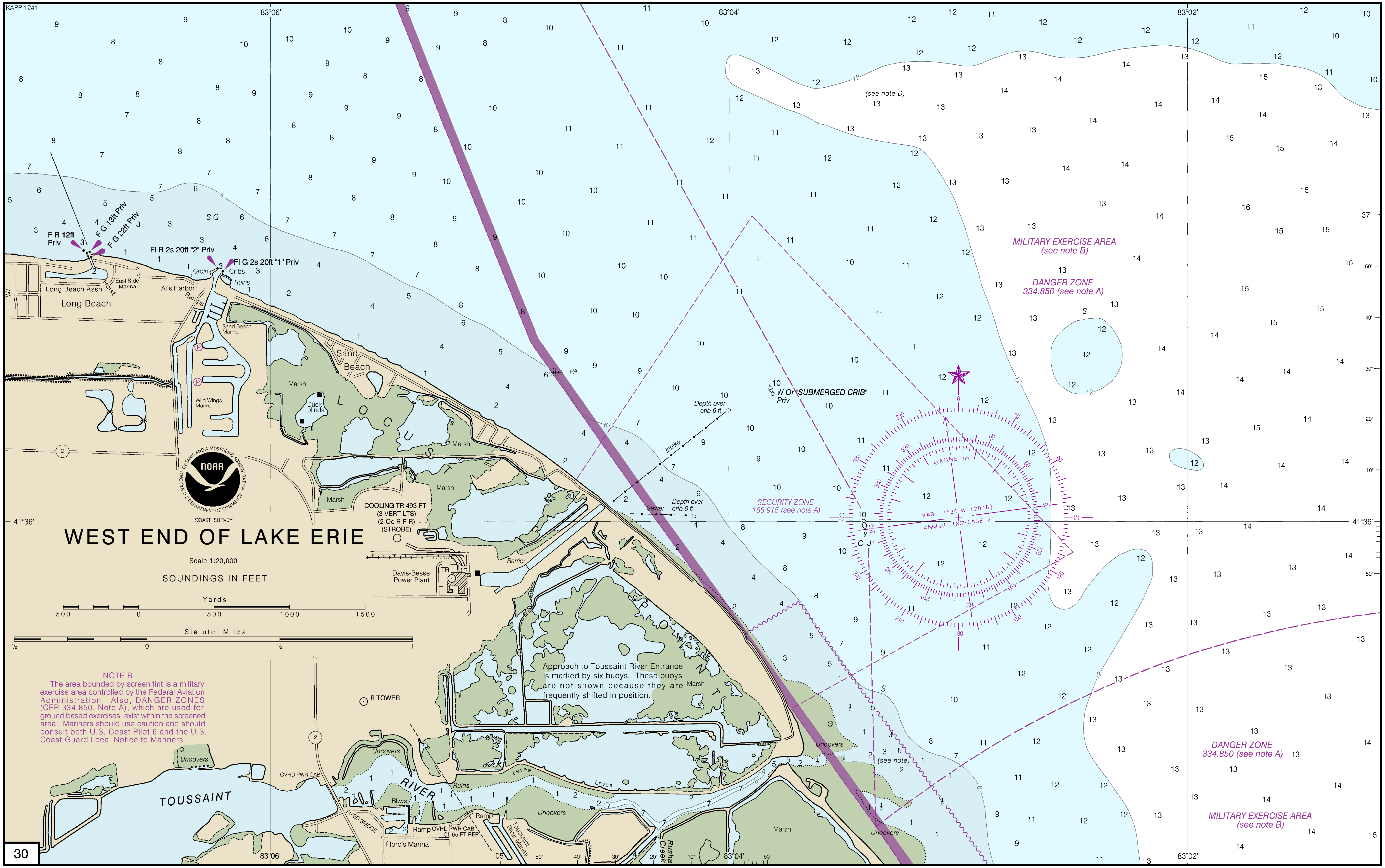
JOINS 29

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).


WEST END OF LAKE ERIE
Scale 1:20,000
SOUNDINGS IN FEET
Yards
500 0 500 1000 1500
Statute Miles
½ 0 ½ 1
NOTE B
The area bounded by screen tint is a military exercise area controlled by the Federal Aviation Administration. Also, DANGER ZONES (CFR 334.850, Note A), which are used for ground based exercises, exist within the screened area. Mariners should use caution and should consult both U.S. Coast Pilot 6 and the U.S. Coast Guard Local Notice to Mariners.
Approach to Toussaint River Entrance is marked by six buoys. These buoys are not shown because they are frequently shifted in position.
MILITARY EXERCISE AREA (see note B)
DANGER ZONE 334.850 (see note A)
SECURITY ZONE 165.915 (see note A)
COOLING TR 493 FT (3 VERT LTS) (2 Oc R F R) (STROBE)
Davis-Besse Power Plant
R TOWER
W Or "SUBMERGED CRIB" Priv
Depth over crib 6 ft
F R 12ft Priv
F G 13ft Priv
F G 22ft Priv
Fl R 2s 20ft "2" Priv
Fl G 2s 20ft "1" Priv
Long Beach Assn
Long Beach
East Side Marina
Al's Harbor
Sand Beach Marina
Wild Wings Marina
Sand Beach
LOCUST POINT
TOUSSAINT RIVER
Floro's Marina
Toussaint River Marina
Rusha Creek
VAR 7°30'W (2018) ANNUAL INCREASE 2'
MAGNETIC
(see note D)
NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
COAST SURVEY
83°06'
83°04'
83°02'
41°36'
37'

14846

JOINS 31

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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JOINS 30

KAPP 1242

WEST END OF LAKE ERIE

Scale 1:20,000

SOUNDINGS IN FEET

Yards 500 0 500 1000 1500

Statute Miles ½ 0 ½ 1

COAST SURVEY

Approach to Toussaint River Entrance is marked by six buoys. These buoys are not shown because they are frequently shifted in position.

DANGER AREA 2 334.850 (see note A)

(see note)

MILITARY EXERCISE AREA (see note B)

DANGER ZONE 334.850 (see note A)

(see note D)

PWI Depth over crib 9 feet

Toussaint River

Beef Creek Marina

Paradise Acres Campground and Marina

Ramp

Levee

Grs

Uncovers

Marsh

OVHD PWR CAB

Foot bridge

Duck blind

Rusha Creek

Breakwater

Dike

ERIE INDUSTRIAL PARK

CAMP PERRY

LOOKOUT TR

TANK

PA

Groin

Groins

Pile

Ramp

Cy S

Cy S G

Cy G

P E R R Y C O V E

MAGNETIC VAR 7° 30' W (2018) ANNUAL INCREASE 2'

83°04'

83°02'

83°00'

41°34'

NOTE B

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JOINS 33

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KAPP 1244

WEST END OF LAKE ERIE
PORTAGE RIVER

Scale 1:10,000

SOUNDINGS IN FEET

Yards 200 0 200 400 600 800

Statute Miles 1/10 0 1/8

COAST SURVEY

Scale 1:20,000

Yards 500 0 500 1000 1500

Statute Miles 1/2 0 1/2 1

CONTINUED AT LOWER LEFT

CONTINUED AT UPPER RIGHT

JOINS 33

KAPP 1243

MAGNETIC VAR 7°15'W (2017) ANNUAL INCREASE 2'

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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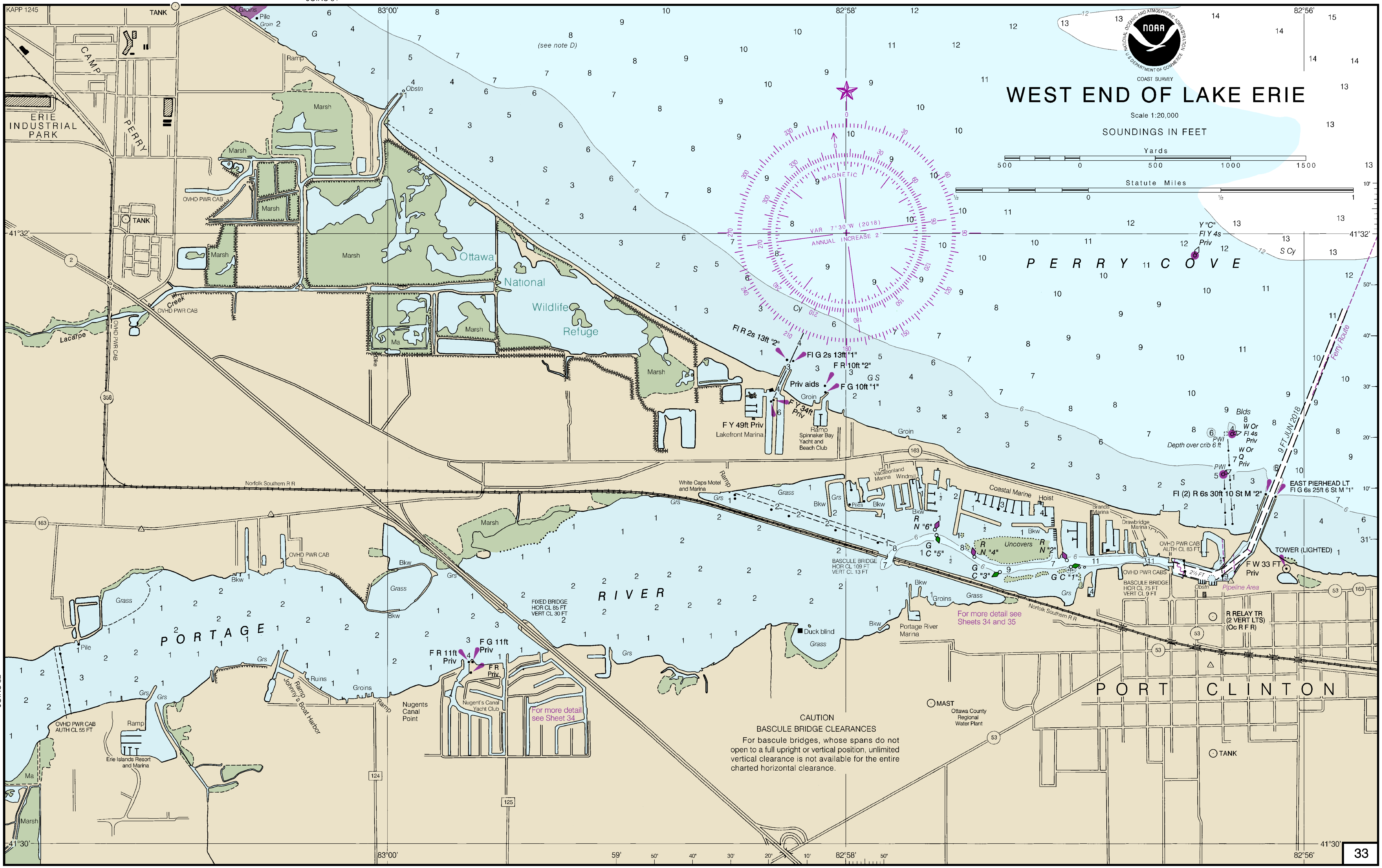
To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).


JOINS 31
WEST END OF LAKE ERIE
Scale 1:20,000
SOUNDINGS IN FEET
Yards
Statute Miles
COAST SURVEY
PERRY COVE
PORTAGE
RIVER
PORT CLINTON
ERIE INDUSTRIAL PARK
CAMP PERRY
Ottawa National Wildlife Refuge
Marsh
Lacarpe Creek
Norfolk Southern R R
(see note D)
VAR 7°30'W (2018) ANNUAL INCREASE 2'
MAGNETIC
Fl R 2s 13ft "2"
Fl G 2s 13ft "1"
F R 10ft "2"
F G 10ft "1"
Priv aids
F Y 49ft Priv
Lakefront Marina
F Y 34ft Priv
Spinnaker Bay Yacht and Beach Club
Y "C" Fl Y 4s Priv
Depth over crib 6 ft
Fl (2) R 6s 30ft 10 St M "2"
EAST PIERHEAD LT Fl G 6s 25ft 6 St M "1"
TOWER (LIGHTED)
F W 33 FT Priv
9 FT JUN 2018
Ferry Route
Coastal Marine
Vacationland Marina
White Caps Motel and Marina
BASCULE BRIDGE HOR CL 109 FT VERT CL 13 FT
BASCULE BRIDGE HOR CL 75 FT VERT CL 9 FT
FIXED BRIDGE HOR CL 85 FT VERT CL 30 FT
OVHD PWR CAB AUTH CL 83 FT
OVHD PWR CAB AUTH CL 55 FT
Pipeline Area
R RELAY TR (2 VERT LTS) (Oc R F R)
For more detail see Sheets 34 and 35
For more detail see Sheet 34
Portage River Marina
Duck blind
F R 11ft Priv
F G 11ft Priv
Nugent's Canal Yacht Club
Nugents Canal Point
Johnny's Boat Harbor
Erie Islands Resort and Marina
MAST
Ottawa County Regional Water Plant
TANK
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.
JOINS 32
JOINS CHART 14842
41°32'
41°30'
83°00'
82°58'
82°56'
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14846

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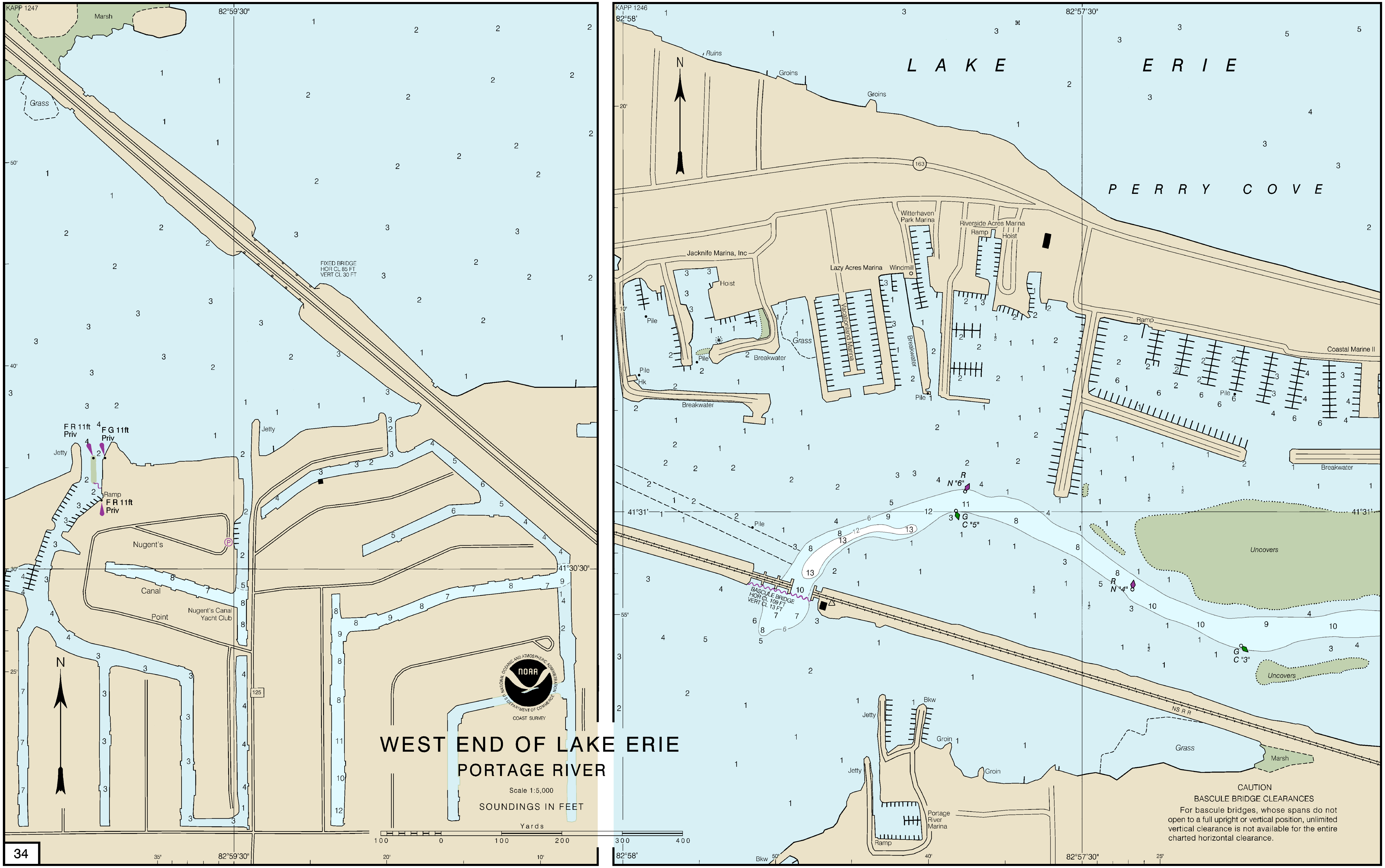

KAPP 1247
KAPP 1246
82°59'30"
82°58'
82°57'30"
41°31'
41°30'30"
LAKE ERIE
PERRY COVE
FIXED BRIDGE
HOR CL 85 FT
VERT CL 30 FT
F R 11ft
Priv
F G 11ft
Priv
Jetty
Ramp
Nugent's
Canal
Point
Nugent's Canal
Yacht Club
Marsh
Grass
Ruins
Groins
163
125
Witterhaven
Park Marina
Riverside Acres Marina
Ramp
Hoist
Jacknife Marina, Inc
Lazy Acres Marina
Windmill
Breakwater
Pile
Hk
Coastal Marine II
R
N "6"
G
C "5"
R
N "4"
G
C "3"
BASCULE BRIDGE
HOR CL 109 FT
VERT CL 13 FT
Uncovers
NS RR
Portage
River
Marina
Bkw
Groin
WEST END OF LAKE ERIE
PORTAGE RIVER
Scale 1:5,000
SOUNDINGS IN FEET
Yards
100 0 100 200 300 400
COAST SURVEY
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.
34
JOINS 35

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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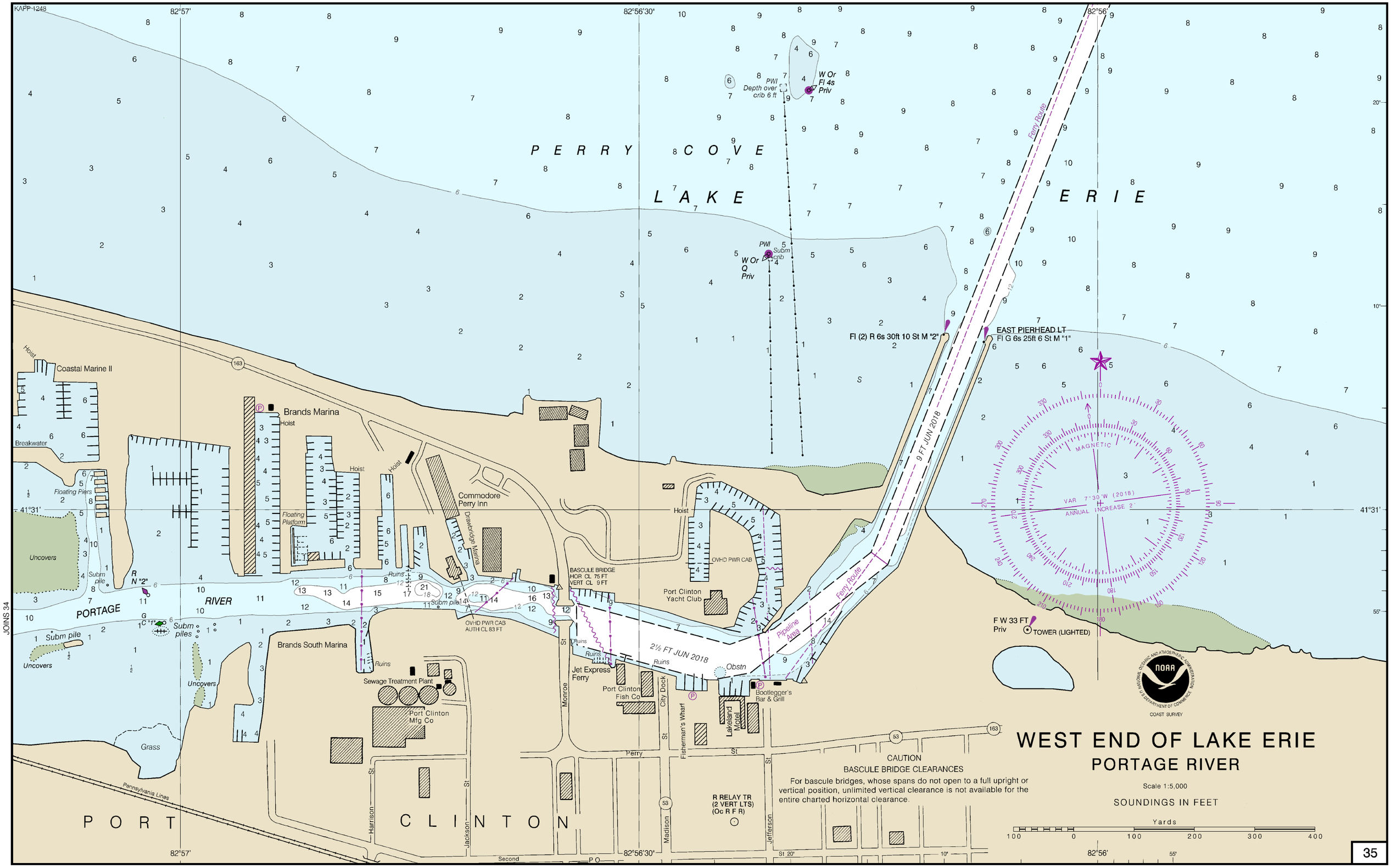

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

35

14846

16th Ed., Nov. 2018. Last Correction: 4/3/2023. Cleared through:
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WEST END OF LAKE ERIE

Scale 1:300,000

SOUNDINGS IN FEET

Feet: 10000 0 10 20 30 40 50000 60 70 80000

Statute Miles: 5 4 3 2 1 0 5 10 15

COAST SURVEY

MARINER ACTIVATED SOUND SIGNALS

Sound signals labeled with (MRASS) require user activation. See USCG Light List.

NOTE B

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CANADA

UNITED STATES

MAGNETIC

VAR 8° 00'W (2018)

ANNUAL INCREASE 2'

14846

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