

The Marine Option

Michigan is the 'Great Lakes State':

- 3,288 miles of Great Lakes shoreline
- 11,000 inland lakes
- 242 major rivers with a total coverage of 36,350 square miles
- 40,175 square miles of water surface
- 80 public harbors and 400 private marinas leaving a boater no more than 30 miles from safety
- Michigan has 9% of the nation's ground water (aquifers), largest of any state in the nation DEQ

Michigan also has 64,735 miles of underground pipelines alone. With that amount of buried facilities and water in the State of Michigan submerged facilities are inevitable. As an industry how do we protect both Michigan's facility infrastructure and waterways: the Marine Option.

MISS DIG 811 is Michigan's statewide one-call notification system. It was developed to provide excavators the ability to inform multiple owners of underground facilities of excavation with a single call. MISS DIG 811 processes this information and passes it on to affected owners of those facilities.

In 2019 MISS DIG 811 became the first freshwater state to offer a Marine Ticket. On December 15th, 2021, MISS DIG 811 partnered with PelicanCorp and developed a new ticket system and the Marine Ticket permanently became part of the MISS DIG 811 ticket system of OneCallAcccess: the Marine Option (see figure 1).

When placing the Marine Option, the excavator can place the polygon solely in a body of water. To inform facility owners of a more precise location of the excavation sites GPS coordinates can be used. This will aid in a larger body of water where excavation can occur and there are little to no markers to help to identify the excavation site (see figure 2).

When the excavator places a dig notice, they receive a confirmation PDF (see figure 3). The facility owners that are affected are listed along with their contact information. The excavator can use this contact information to reach out to the facility owners for more specific instructions on the proposed excavation. They can discuss how the facilities may be marked for their marine excavation.

The Marine Option was developed to protect facilities and infrastructures that run through or lie in a body of water. The Marine Option allows a line of communication between the excavator, locator, and facility owner/operator. Through this communication, the goal is damage protection of facilities, the environment, aquatic ecosystems, and the safety of crews working in marine excavation.

For more information on the Marine Option contact Education Specialist Pat Goddard at: pgoddrd@missdig811.org or at 906-553-0033



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(Figure 1: The Ticket Details page is the first step when placing a dig notice. The word <u>SUBMERGED</u> is present in Public Act 174, any excavation in a body of water the excavator must place a dig notice with MISS DIG 811.)





(Figure 2: With OneCallAccess the excavator can now solely place the polygon in a body of water as the excavation site. GPS coordinates can also be used to easily identify the excavation location. GPS will be a useful tool when excavation occurs in a large body of water where no other identification marks around.)



Phone: 000-000-0000

Mobile: 000-000-0000

Email: bbeardmarine@gmail.com



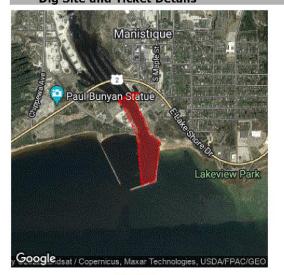
Ticket No: 000000000000

User Reference: done us army corp of engineers

Rev: 000

Excavator Details Caller Id: 00000 Contact: Captain Edward Teach Company: Blackbeard Marine Construction

Dig Site and Ticket Details



Open Map

dredging at a depth of 15 ft using clam shell bucket begin apx 300 ft s of lake shore dr & s cedars cont s 2300 ft in a 100 ft wide path begin at the n sd of the manistique boat marina see poly

Ticket Status	Original		
Previous Ticket No.	Not Supplied		
Ticket Type	Project - 180 day		
Ticket Date	07/29/2022 11:18		
Work to Begin Date	08/03/2022 11:05		
Work Legal Start Date	08/03/2022 11:05		
Work Expiration Date	01/30/2023 23:59		
Address	w lake shore dr Manistique		
Nearest Cross Street	s cedar st		
Lot Number/Subdivision	MANISTIQUE RIVER		
Type of Work	Water		
Activity	Other		
Excavation Method	Mechanical Excavation		
Excavation Depth	>48in		
Working for	Not Listed		
Onsite Company	engineering		
Onsite Contact Name			
Onsite Contact Phone			
Private Locate	No Area Pre-marked No		
Pet on Property	No Work in Water Yes		

Your Responsibilities

· Be sure the work location is accessible to facility owners/operators and their contract locators.

• Do not proceed with your works until the legal start date/response due date has arrived and ALL facility owners/operators have responded that it is safe to dig.

When working within 48" of any facility marking, hand dig to expose the line prior to using power equipment.
If you make contact with a line, you are required to contact the facility owner immediately.
If you need assistance, please contact Web Ticket Support at webticketdept@missdig811.org

Utility Owner Details

The public utility owners listed below with a Status of "Notification Sent" have been requested to respond to your request. They may contact you directly for clarification of your request details.

Station Code	Authority Name	Phone	Status
CENTL1	CENTURYLINK TELEPHONE	231-555-5555	Notification Sent
CHARCTV	CHARTER COMMUNICATIONS CABLE TV	800 -555-5555	Notification Sent
CHARFBR	CHARTER COMMUNICATIONS FIBER OPTICS	800 -555-5555	Notification Sent
CLOVER	CLOVERLAND ELECTRIC COMPANY ELECTRIC	906 -555-5555	Notification Sent
MANISWTR	MANISTIQUE CITY POTABLE WATER	906 -555-5555	Notification Sent
MANISSANI	MANISTIQUE CITY SANITARY SEWER	906 -555-5555	Notification Sent
MANISSTRM	MANISTIQUE CITY STORM SEWER	906 -555-5555	Notification Sent
SEMCOGAS	SEMCO ENERGY GAS	888 -555-5555	Notification Sent

END OF UTILITIES LIST

(Figure 3: In the Ticket Confirmation, contact information for facility owners is attached at the lower section of the PDF.)