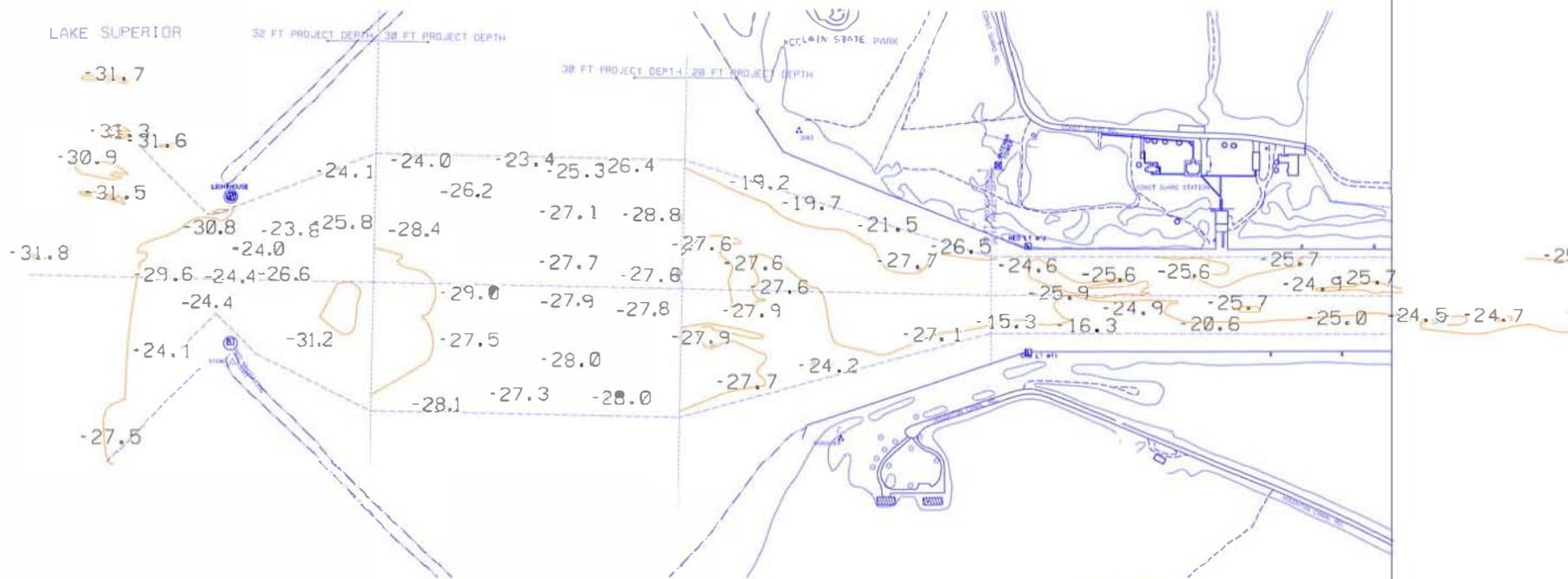




KEWEENAW WATERWAY, MI UPPER ENTRANCE

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE



NOT TO BE USED FOR NAVIGATION
REFER TO CHART # LS 14972

surveys performed SEPT 2011
I.G.L.D.85 DATUM 601.10'

THE INFORMATION DEPICTED ON THIS MAP
REPRESENTS THE RESULTS OF RECENT
SURVEYS AND CAN ONLY BE CONSIDERED AS
INDICATING THE GENERAL CONDITIONS
EXISTING AT THAT TIME.

LEGEND

----- PROJECT LINE

26.5 SHOAL AREA AND
MINIMUM DEPTH

KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE



LEGEND

- PROJECT LINE
- 26.5 SHOAL AREA AND MINIMUM DEPTH

surveys performed SEPT. 2011
I.G.L.D.85 DATUM 601.10'

NOT TO BE USED FOR NAVIGATION
REFER TO CHART # LS 14972

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EXISTING AT THAT TIME.

-24.9 -24.4
-24.9

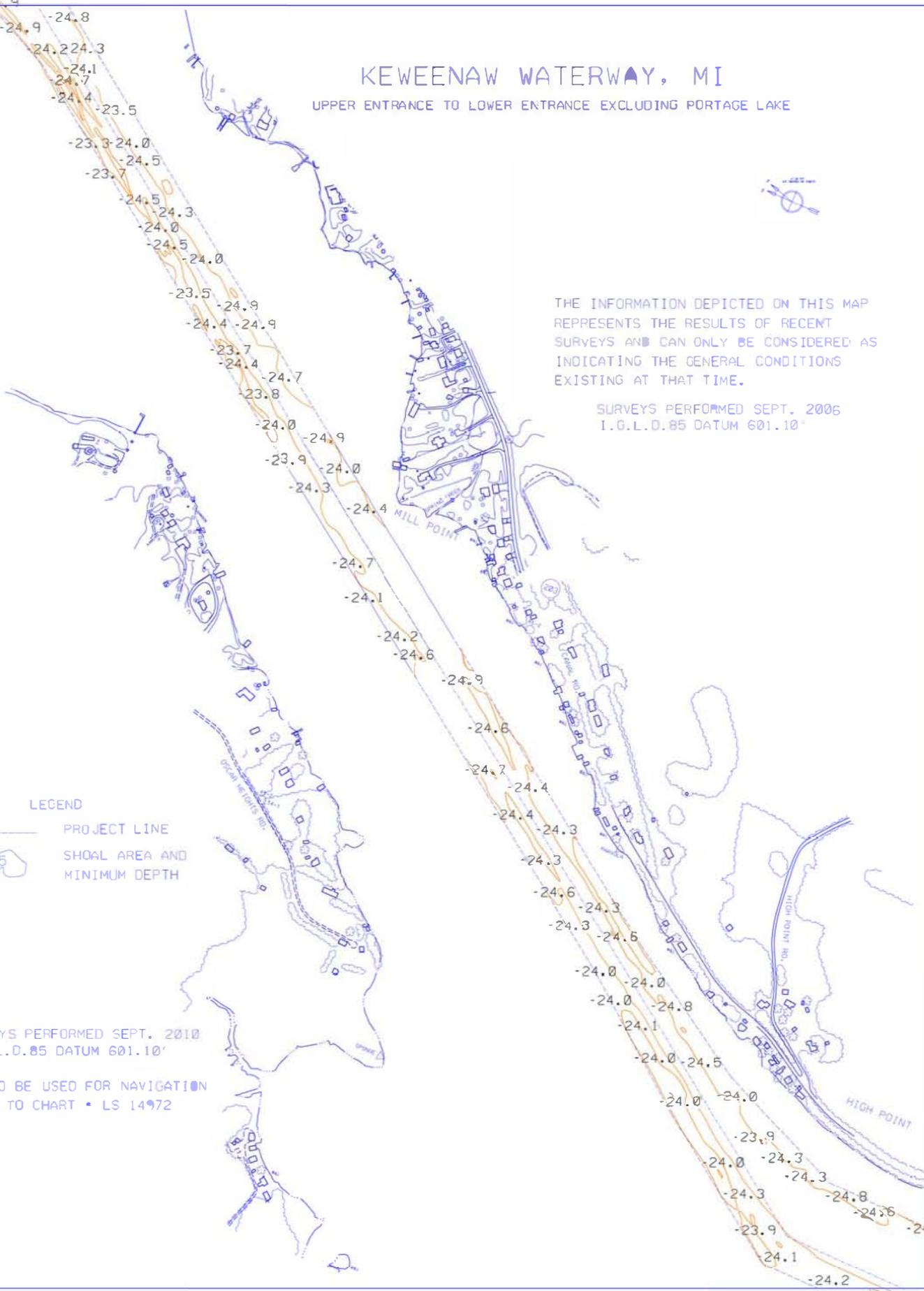
KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE



THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF RECENT SURVEYS AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

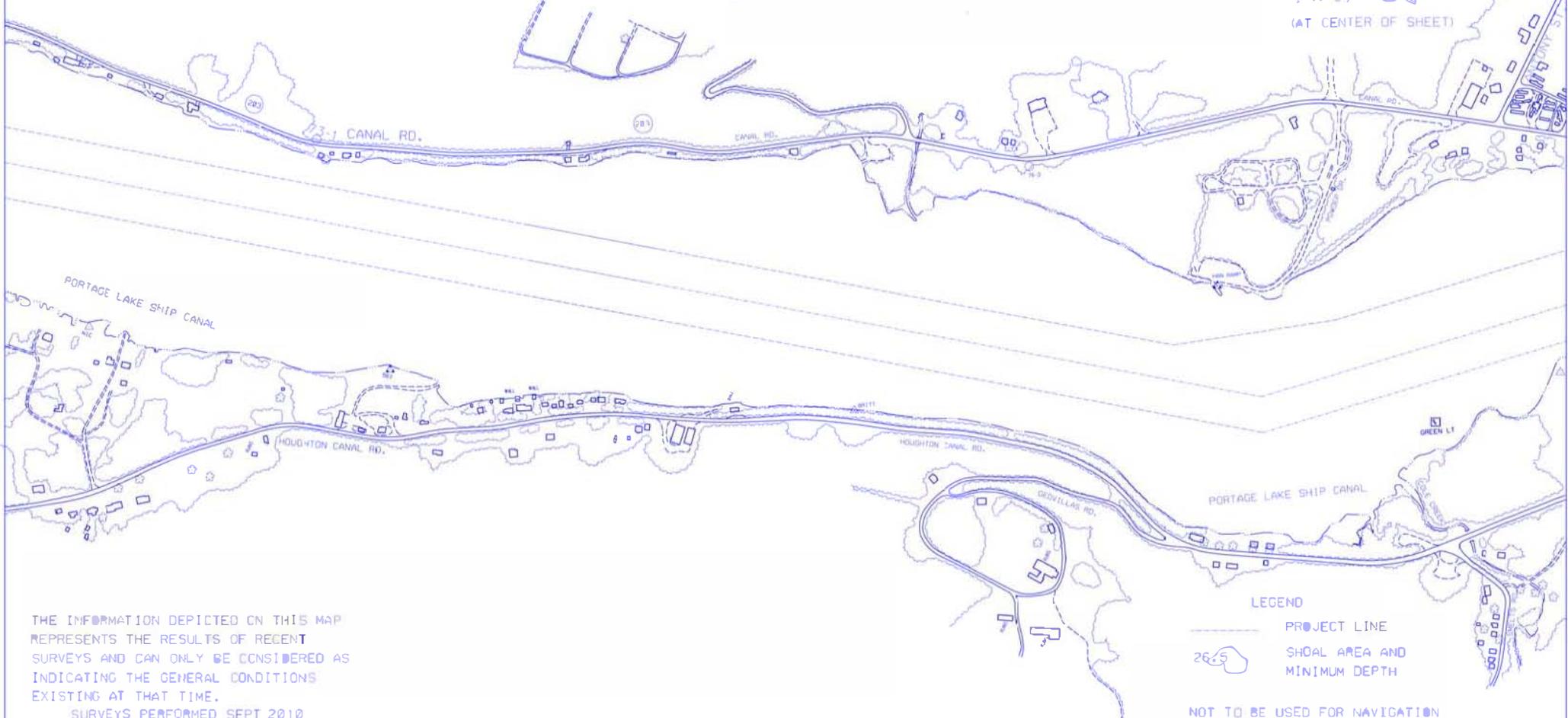
SURVEYS PERFORMED SEPT. 2006
I.G.L.D. 85 DATUM 601.10'



KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE

-1° 10' 39"
-1° 10' 39"
(AT CENTER OF SHEET)



THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF RECENT SURVEYS AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

SURVEYS PERFORMED SEPT 2010
I.G.L.D. 85 DATUM 601.10'

LEGEND

- PROJECT LINE
- SHOAL AREA AND MINIMUM DEPTH

NOT TO BE USED FOR NAVIGATION
REFER TO CHART • LS 14972

KEWEENAW WATERWAY, MI

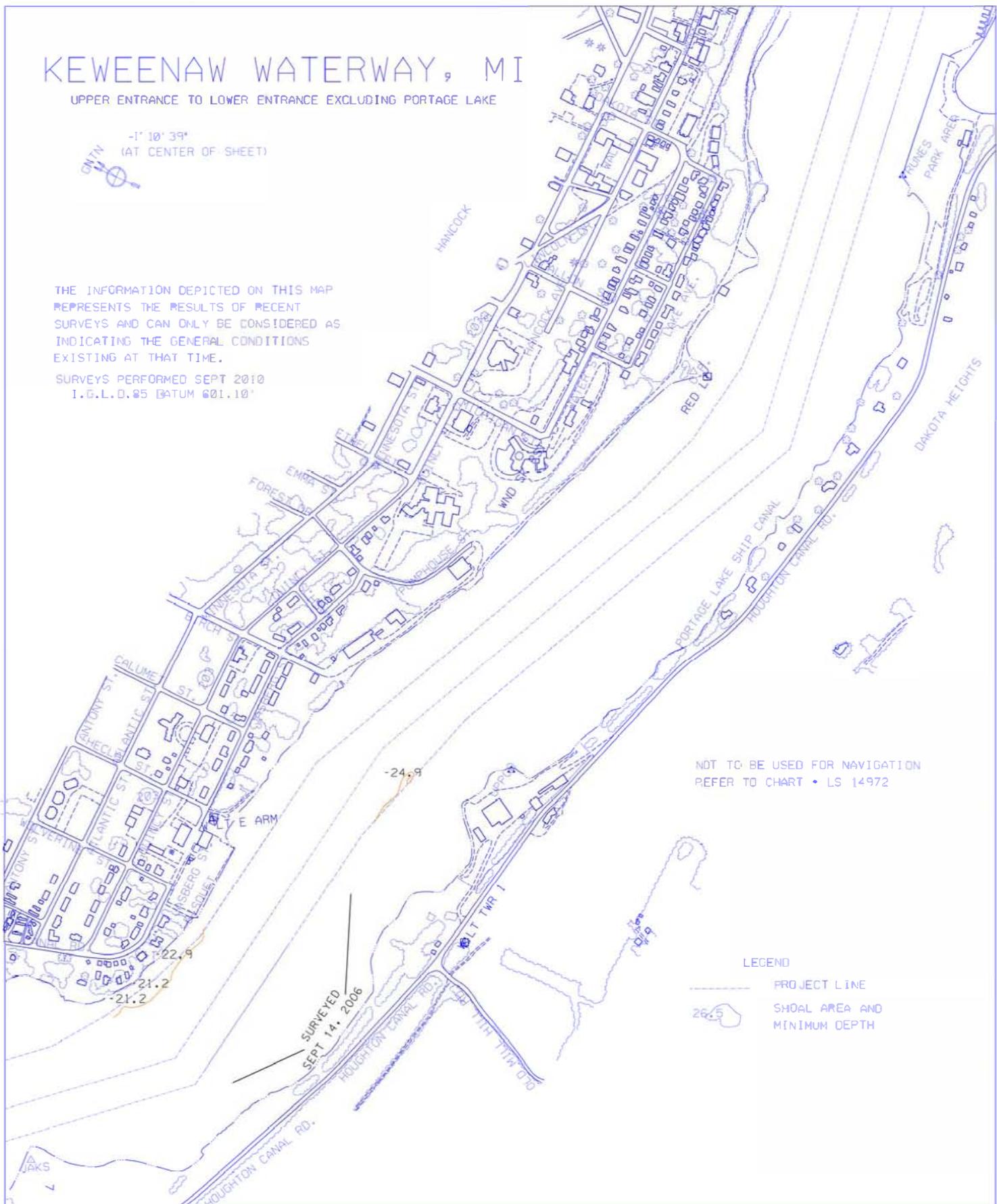
UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE

-1' 10' 39"
(AT CENTER OF SHEET)



THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF RECENT SURVEYS AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

SURVEYS PERFORMED SEPT 2010
1.G.L.D.85 DATUM @01.10'



NOT TO BE USED FOR NAVIGATION
REFER TO CHART • LS 14972

LEGEND
- - - - - PROJECT LINE
26.5 SHOAL AREA AND MINIMUM DEPTH

KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF RECENT SURVEYS AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

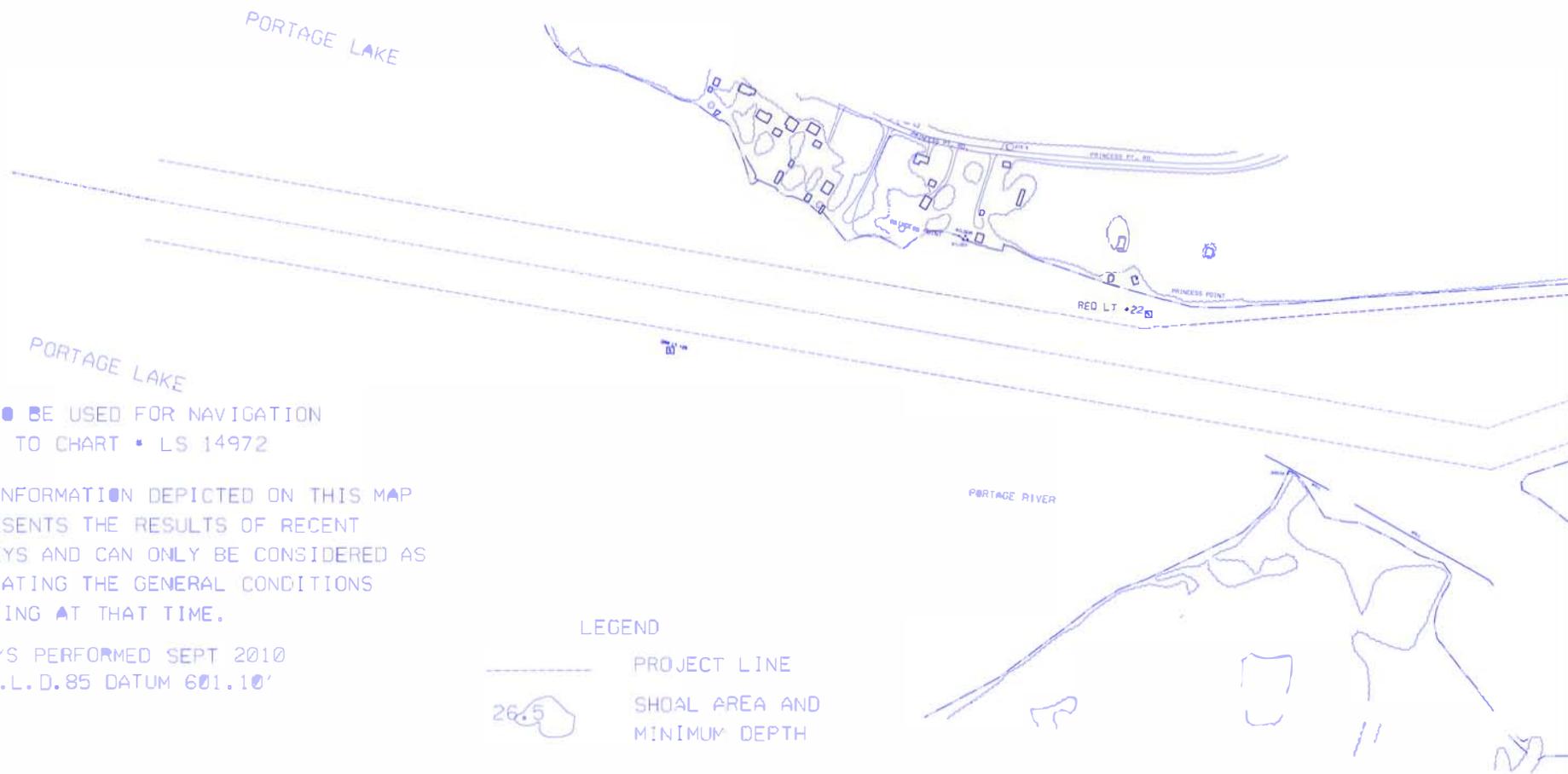
surveys performed +SEPT. 2010
I.G.L.D. 85 DATUM 601.10'





KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE



NOT TO BE USED FOR NAVIGATION
REFER TO CHART • LS 14972

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SURVEYS PERFORMED SEPT 2010
I.G.L.D.85 DATUM 601.10'

LEGEND

- PROJECT LINE
- 26.5 SHOAL AREA AND MINIMUM DEPTH

KEWEENAW WATERWAY, MI

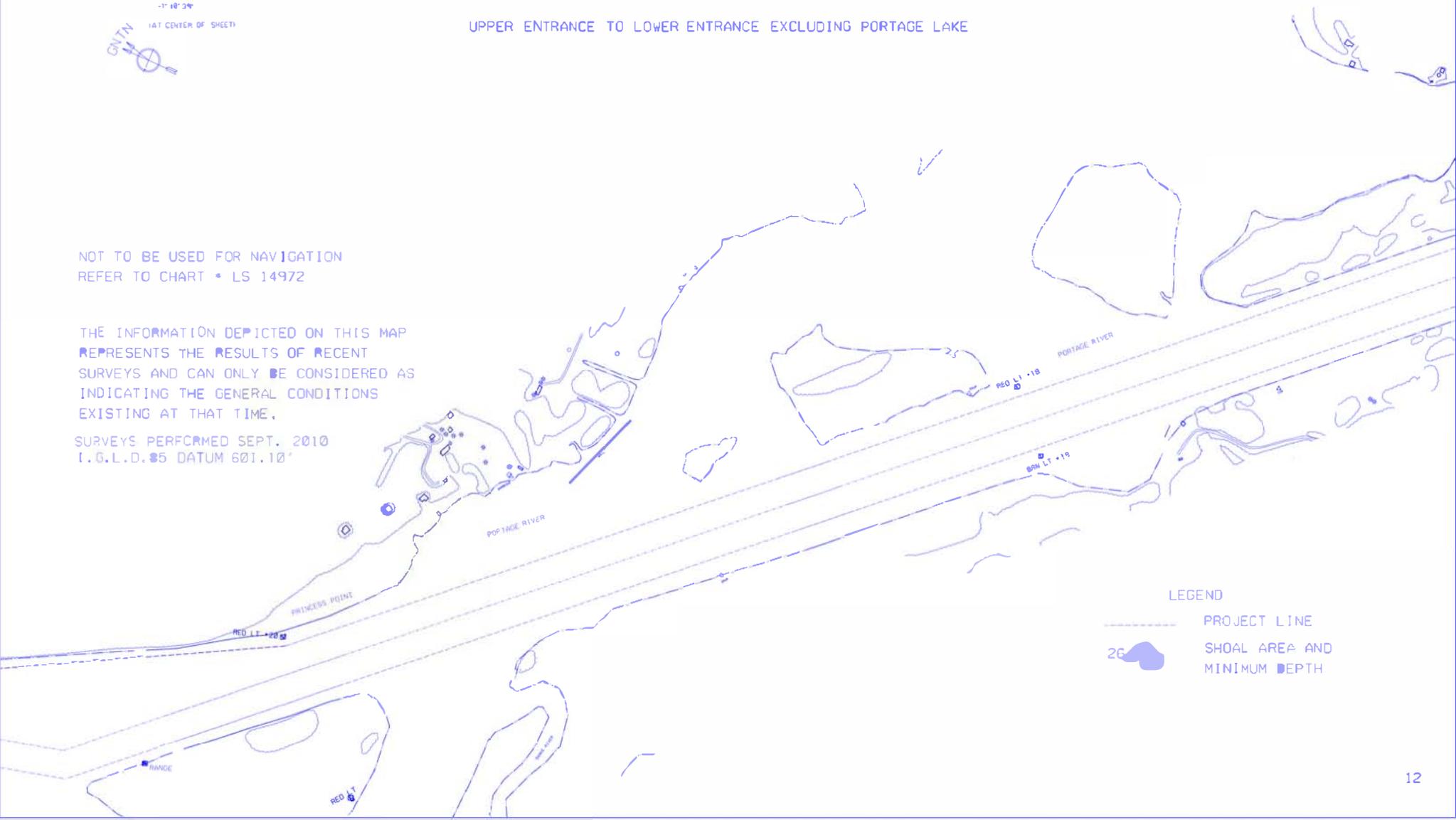
UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE



NOT TO BE USED FOR NAVIGATION
REFER TO CHART • LS 14972

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SURVEYS PERFORMED SEPT. 2010
I.G.L.D. 85 DATUM 601.10'



LEGEND

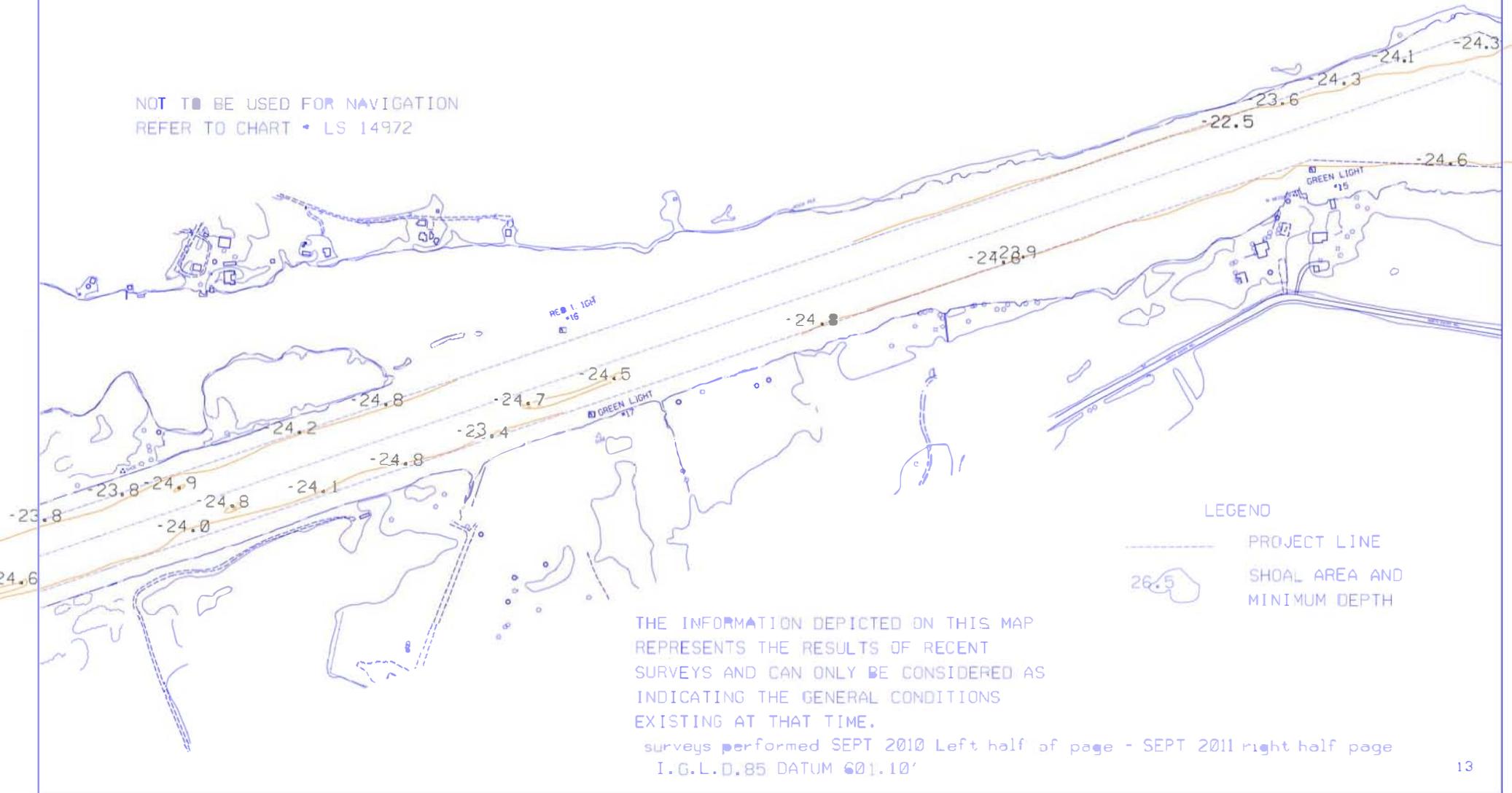
- PROJECT LINE
- 26 [shoal symbol] SHOAL AREA AND MINIMUM DEPTH



KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE

NOT TO BE USED FOR NAVIGATION
REFER TO CHART • LS 14972



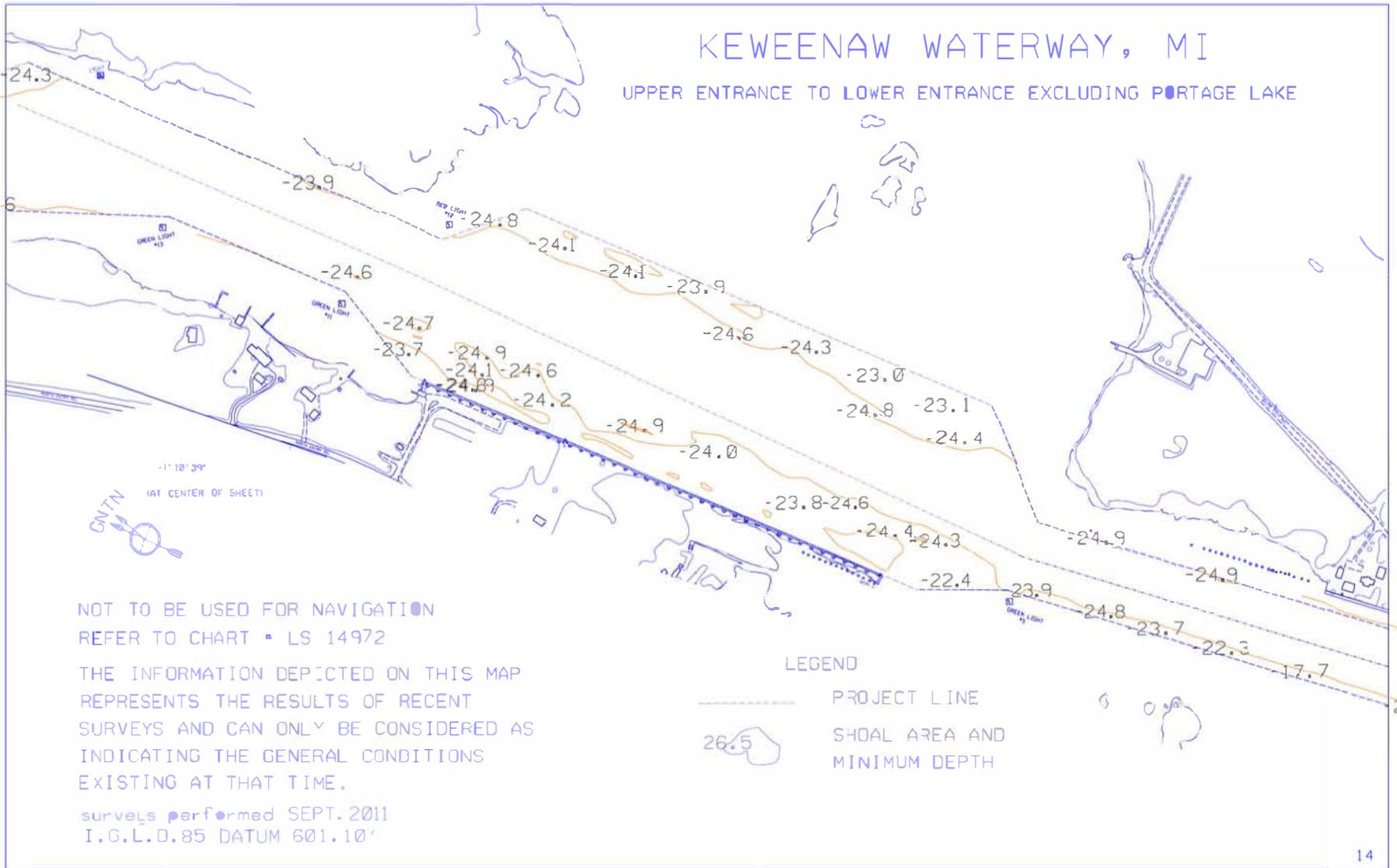
LEGEND
----- PROJECT LINE
26.5 SHOAL AREA AND MINIMUM DEPTH

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF RECENT SURVEYS AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

surveys performed SEPT 2010 Left half of page - SEPT 2011 right half page
I.G.L.D. 85 DATUM 601.10'

KEWEENAW WATERWAY, MI

UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE



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surveys performed SEPT. 2011
I.G.L.D. 85 DATUM 601.10'

LEGEND

- PROJECT LINE
- SHOAL AREA AND MINIMUM DEPTH

KEWEENAW WATERWAY, MI LOWER ENTERANCE

-1° 18' 39"

(AT CENTER OF SHEET)



UPPER ENTRANCE TO LOWER ENTRANCE EXCLUDING PORTAGE LAKE

LAKE SUPERIOR

