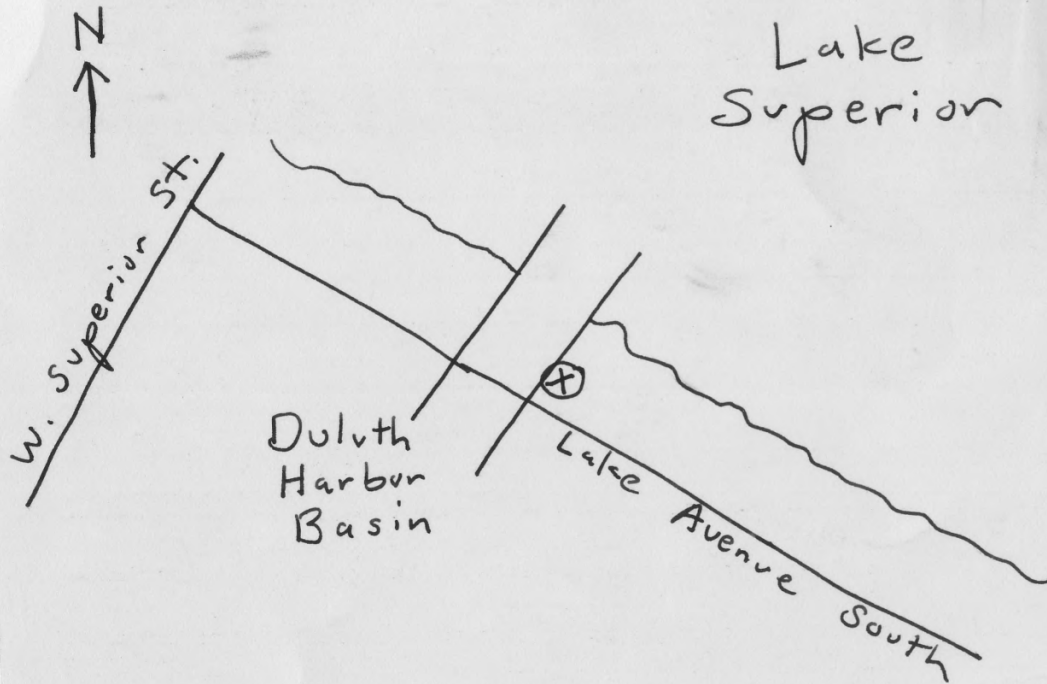


25. PHOTOS AND SKETCH MAP OF LOCATION



DESCRIPTION (CONTINUED)

each having a bull's eye in the central drum. The original clockwork mechanism which turned the lens to produce the flash is no longer in place.

REFERENCES (CONTINUED)

USO: includes lighthouse structure and all property within 20 feet of it. This structure is one of the oldest
 approx. 25 acres skeletal lighthouses on Lake Superior and it played an important role in the development of Duluth
 as a port.

ABSTRACT																			
HAER NO	LC	TECH REPORT	HIST REPORT	CONTEMP PHOTO	HIST PHOTO	CONTEMP DRWG	HIST DRWG	COLOR PLATE	PHOTOGRAM	SW	FILM								

1. SITE I.D. NO

HAER INVENTORY

Historic American Engineering Record
Department of the Interior, Washington, D.C.

2. INDUSTRIAL CLASSIFICATION

TRANS: MARINE: Nav. Aids 5 5 0 1

3. PRIORITY

2

4. DANGER OF DEMOLITION?
(SPECIFY THREAT) YES NO UNKNOWN

5. DATE

1896; 1901

6. GOVT SOURCE OF THREAT

OWNER

ADMIN

7. OWNER/ADMIN

United States Coast Guard, DOT

8. NAME(S) OF STRUCTURE

Duluth South Breakwater Inner (Duluth Range Rear) Light-house

9. OWNER'S ADDRESS

400 7th Street SW
Washington, D.C. 20590

10. STATE

COUNTY

M N

COUNTY NAME

St. Louis

CITY/VICINITY

Duluth

CONG. DIST.

STATE

COUNTY NAME

CITY/VICINITY

CONG. DIST.

11. SITE ADDRESS (STREET & NO)

Inner end of South breakwater

12. EXISTING SURVEYS

 NR NHL HABS HAER-I HAER NPS CL6 CONF STATE COUNTY LOCAL OTHER

13. SPECIAL FEATURES (DESCRIBE BELOW)

 INTERIOR INTACT EXTERIOR INTACT ENVIRONS INTACT

14. UTM ZONE

EASTING

NORTHING

SIGN

1 5 5 6 9 3 3 0 5 1 8 0 7 4 0

SCALE

 1:24 1:62.5 OTHER

QUAD NAME

Duluth

UTM ZONE

EASTING

NORTHING

SIGN

SCALE

 1:24 1:62.5 OTHER

QUAD NAME

15. CONDITION

70 EXCELLENT71 GOOD72 FAIR73 DETERIORATED74 RUINS75 UNEXPOSED76 ALTERED82 DESTROYED85 DEMOLISHED

16. INVENTORIED BY

Charles K. Hyde

AFFILIATION

HAER-Great Lakes Lighthouse Survey

DATE

7/2/1979

17. DESCRIPTION AND BACKGROUND HISTORY, INCLUDING CONSTRUCTION DATE(S), HISTORICAL DATE(S), PHYSICAL DIMENSIONS, MATERIALS, EXTANT EQUIPMENT, AND IMPORTANT BUILDERS, ENGINEERS, ETC.

The first Inner Light at the Duluth South Breakwater was built in 1889 to serve as a range light in combination with the Outer Light. The present structure was begun in June 1900, completed in August 1901, and consists of a pyramidal steel skeletal frame supporting a round watchroom and an octagonal cast iron lantern. The skeletal tower is 19 feet 5 inches square at the base and 9 feet square at the top, where it supports the watch tower, which is 9 feet in diameter and constructed of cast iron plates. The watch tower is reached from the ground level through a round stair cylinder, 6 feet in diameter, consisting of 5/16 inch cast iron plates. The stair cylinder supports the stairs, but not the watchroom and lantern. Overall, the structure is 67 feet high from the base to the top of the ventilator ball, while the focal plane of the lens is 68 feet above the mean low lake level. The lantern houses a Fourth Order Fresnel lens made by Barbier and Benard of Paris in 1896 with six flash panels,

(CONT OVER)

18. ORIGINAL USE

Harbor Light

PRESENT USE

Harbor Light

ADAPTIVE USE

19. REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER

United States Department of Commerce and Labor, Light-House Establishment, "Description of Buildings, Premises, Equipment, etc.," Record Group 26. National Archives, Report of 6 September 1910; Clippings Files from the Annual Reports of the U.S. Lighthouse Service, Record Group 26, National Archives.

(CONT OVER)

20. URBAN AREA 50,000
POP. OR MORE? YES NO

21. HCRS REGION

22. PUBLIC ACCESSIBILITY

 YES, LIMITED YES, UNLIMITED NO UNKNOWN

23. EDITOR

INDEXER

24. LOCATED IN AN HISTORIC DISTRICT?

 YES NO

NAME

DISTRICT I.D. NO