HAER INVENTORY

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

1. SITE I.D. NO

2. INDUSTRIAL CLASSIFICATION: TRANS: MARINE: Nav. Aids — 5501

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) Lighthouse

9. OWNER'S ADDRESS: 400 7th Street SW
Washington, D.C. 20590

10. STATE COUNTY: MN — COUNTY NAME: St. Louis — CITY/VICINITY: Duluth — CONG. DIST.

STATE COUNTY — 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 15 — EASTING 569330 — NORTHING 5180740 — SIGN — 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 ☐ EXCELLENT 71 ☒ GOOD 72 ☐ FAIR 73 ☐ DETERIORATED 74 ☐ RUINS 75 ☐ UNEXPOSED 76 ☐ ALTERED 82 ☐ DESTROYED 85 ☐ 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

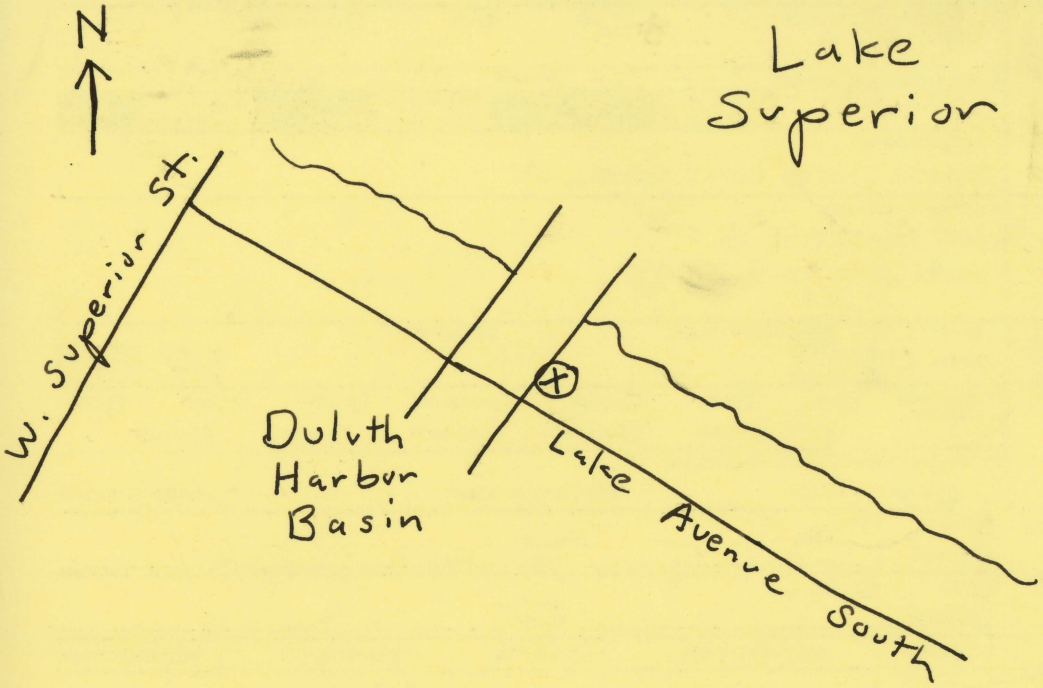
21. HCRS REGION

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

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)

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

approx. .25 acres

ABSTRACT

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

GPO 937 842

NPS Form 10-900-a
(3-82)

OMB No. 1024-0018
Exp. 10-31-84

United States Department of the Interior
National Park Service

National Register of Historic Places Inventory—Nomination Form

For NPS use only
received
date entered

Continuation sheet | Item number | Page 3 of 5

Multiple Resource Area
Thematic Group

Name U.S. Coast Guard Lighthouses and Light Stations on the Great Lakes TR
State IL, MI, MN, NY, OH, PA, & WI

	Nomination/Type of Review		Date/Signature
21.	Sturgeon Point Light Station	Substantive Review Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
22.	St. Martin Island Light Station	Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
23.	Tawas Point (Ottowa Point) Light Station	Substantive Review Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
24.	Thunder Bay Island Light Station	Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
25.	Waugoshance Light Station	Substantive Review	Keeper Beth Grosvenor 8/4/83 Attest
26.	White Shoal Light Station	Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
MN 27.	Duluth South Breakwater Inner (Duluth Range Rear) Lighthouse	Substantive Review	Keeper Beth Grosvenor 8/4/83 Attest
28.	Two Harbors Light Station	Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
NY 29.	Buffalo Main Light	Substantive Review Entered in the National Register	for Keeper Delores Byrd 7/19/84 Attest
30.	Buffalo North Breakwater South End Light	Entered in the National Register	Keeper Delores Byrd 8/4/83 Attest

FEDERAL

WASO Form - 177
("R" June 1984)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Duluth South Breakwater Inner (Duluth Range Rear) Lighthouse (U.S. Coast Guard Lighthouses and Light Stations on the Great Lakes TR)
St. Louis County
MINNESOTA

Substantive Review

Working No. 6/21/83
Fed. Reg. Date: 2-7-84
Date Due: 7/24/83 - 8/5/83
Action: ✓ ACCEPT 8/4/83
___ RETURN
___ REJECT
Federal Agency: U.S. Coast Guard

☐ resubmission
☐ nomination by person or local government
☐ owner objection
☐ appeal

Substantive Review: ☒ sample ☐ request ☐ appeal ☐ NR decision

Reviewer's comments:

Lack of USGS map explained in cover letter - maps will be provided when available.

Recom./Criteria [redacted] Accept - A, C
Reviewer Lenvenn
Discipline Historian
Date 8/4/83
___ see continuation sheet

Nomination returned for: 4 OK technical corrections cited below
___ substantive reasons discussed below

1. Name

2. Location

3. Classification

Category	Ownership	Status	Present Use
	Public Acquisition	Accessible	

4. Owner of Property

5. Location of Legal Description

6. Representation in Existing Surveys

Has this property been determined eligible? ☐ yes ☐ no

7. Description

Condition		Check one	Check one
☐ excellent	☐ deteriorated	☐ unaltered	☐ original site
☐ good	☐ ruins	☐ altered	☐ moved date ___
☐ fair	☐ unexposed		

Describe the present and original (if known) physical appearance

☐ summary paragraph
☐ completeness
☐ clarity
☐ alterations/integrity
☐ dates
☐ boundary selection

8. Significance

Period Areas of Significance—Check and justify below

Specific dates Builder/Architect

Statement of Significance *(in one paragraph)*

- ☐ summary paragraph
- ☐ completeness
- ☐ clarity
- ☐ applicable criteria
- ☐ justification of areas checked
- ☐ relating significance to the resource
- ☐ context
- ☐ relationship of integrity to significance
- ☐ justification of exception
- ☐ other

9. Major Bibliographical References

10. Geographical Data

Acreage of nominated property _____

Quadrangle name _____

UTM References

Verbal boundary description and justification

11. Form Prepared By

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

____ national ____ state ____ local

State Historic Preservation Officer signature

title date

13. Other

- ☒ Maps Please provide maps 015
- ☐ Photographs
- ☐ Other

Questions concerning this nomination may be directed to _____

Signed [redacted] Date [redacted] Phone: _____

Comments for any item may be continued on an attached sheet

Missing Core Documentation

Property Name	County, State	Reference Number
Duluth South Breakwater Inner Lighthouse (U.S. Coast Guard Lighthouses and Light Stations on the Great Lakes TR)	St. Louis, Minnesota	83000945

The following Core Documentation is missing from this entry:

___ Nomination Form

___ Photographs

_X_ USGS Map