

1. SITE I.D. NO

HAER INVENTORY

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

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2. INDUSTRIAL CLASSIFICATION TRANS: MARINE: Nav. Aids		5	5	0	1	3. PRIORITY 2	4. DANGER OF DEMOLITION? (SPECIFY THREAT) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> UNKNOWN	
5. DATE 1896; 1901		6. GOVT SOURCE OF THREAT		OWNER		ADMIN		
8. NAME(S) OF STRUCTURE Duluth South Breakwater Inner (Duluth Range Rear) Light-house		7. OWNER/ADMIN United States Coast Guard, DOT						
9. OWNER'S ADDRESS 400 7th Street SW Washington, D.C. 20590		10. STATE COUNTY M N COUNTY NAME CITY/VICINITY CONG. DIST.						
11. SITE ADDRESS (STREET & NO) Inner end of South breakwater		12. EXISTING SURVEYS <input type="checkbox"/> NR <input type="checkbox"/> NHL <input type="checkbox"/> HABS <input type="checkbox"/> HAER-1 <input type="checkbox"/> HAER <input type="checkbox"/> NPS <input type="checkbox"/> CL6 <input type="checkbox"/> CONF <input type="checkbox"/> STATE <input type="checkbox"/> COUNTY <input type="checkbox"/> LOCAL <input type="checkbox"/> OTHER		13. SPECIAL FEATURES (DESCRIBE BELOW) <input checked="" type="checkbox"/> INTERIOR INTACT <input checked="" type="checkbox"/> EXTERIOR INTACT <input type="checkbox"/> ENVIRONS INTACT				
14. UTM ZONE EASTING NORTHING SIGN		SCALE <input checked="" type="checkbox"/> 1:24 <input type="checkbox"/> 1:62.5 <input type="checkbox"/> OTHER		QUAD NAME Duluth				
UTM ZONE EASTING NORTHING SIGN		SCALE <input type="checkbox"/> 1:24 <input type="checkbox"/> 1:62.5 <input type="checkbox"/> OTHER		QUAD NAME				
15. CONDITION 70 <input type="checkbox"/> EXCELLENT 71 <input checked="" type="checkbox"/> GOOD 72 <input type="checkbox"/> FAIR 73 <input type="checkbox"/> DETERIORATED 74 <input type="checkbox"/> RUINS 75 <input type="checkbox"/> UNEXPOSED 76 <input type="checkbox"/> ALTERED 82 <input type="checkbox"/> DESTROYED 85 <input type="checkbox"/> 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? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		21. HCRS REGION		22. PUBLIC ACCESSIBILITY <input checked="" type="checkbox"/> YES, LIMITED <input type="checkbox"/> YES, UNLIMITED <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN		23. EDITOR INDEXER		
24. LOCATED IN AN HISTORIC DISTRICT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		NAME		DISTRICT I.D. NO				

