HAER INVENTORY

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

1. SITE I.D. NO

2. INDUSTRIAL CLASSIFICATION: TRANS:MARINE:Navigational aids

3. PRIORITY: 2

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

5. DATE: 1904-1905; 1916-1917

6. GOVT SOURCE OF THREAT ☐ OWNER ☐ ADMIN

7. OWNER/ADMIN: Department of Transportation, U. S. Coast Guard

8. NAME(S) OF STRUCTURE: Ashtabula Harbor Light

9. OWNER'S ADDRESS:
Ninth District PHONE: 216/522-2950
1240 East 9th Street
Cleveland, Ohio 44199

10. STATE COUNTY: OH | COUNTY NAME: Ashtabula | CITY/VICINITY: Ashtabula | CONG. DIST.

STATE COUNTY | COUNTY NAME | CITY/VICINITY | CONG. DIST.

11. SITE ADDRESS (STREET & NO.)
On pierhead, 600 feet from the north end of the west breakwater, west side of entrance to Ashtabula Harbor, on Lake Erie

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 17 | EASTING 516930 | NORTHING 4640520 | SIGN | SCALE ☒ 1:24 ☐ 1:62.5 ☐ OTHER | QUAD NAME: Ashtabula North

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: Carol Poh Miller | AFFILIATION: HAER-Great Lakes Lighthouse Survey | DATE: May 1979

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

The bustling port of Ashtabula, which "began a wondrous growth" after 1872 when the city was linked by rail with the coal and iron-producing regions of Ohio and Pennsylvania, is still an important shipping center for coal and iron ore. The present light marking the entrance to the harbor was first built on the west pierhead in 1904-1905. In 1915-1916, the pier was extended; on 30 June 1916 the lighthouse was moved to its present location and enlarged. The square 2-story building is surmounted on the northwest corner by a conical light tower with port windows. The steel-framed structure is clad with "iron plate" painted white. The light has a focal plane height of 51' above mean lake level. The cylindrical lantern is constructed of cast iron with brass fittings. It has a circular gallery surrounded by a pipe railing. The light is shone through a Fresnel "bull's eye"

(CONT OVER)

18. ORIGINAL USE: Harbor light & fog signal | PRESENT USE: Harbor light & fog signal | ADAPTIVE USE:

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 REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER

Drawing and photograph files, United States Coast Guard Ninth District Headquarters, Cleveland, Ohio.
J. B. Mansfield, ed., History of the Great Lakes, 2 vols. (Chicago: J. H. Beers & Co., 1899), 1: 296-297.
Records of the United States Coast Guard, Record Group 26, National Archives, Washington, D.C.

(CONT OVER)

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

21. HCRS REGION

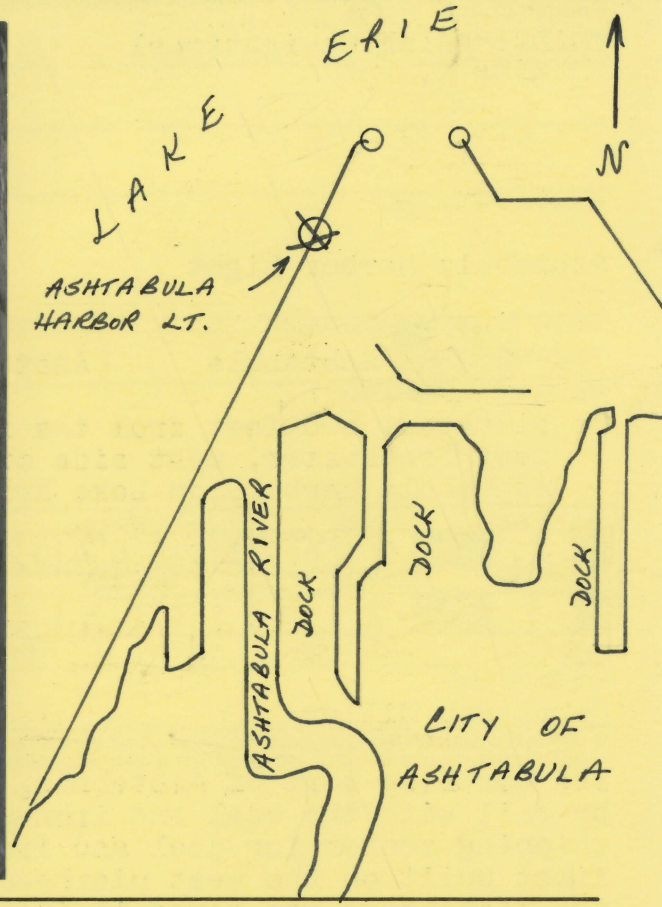
22. PUBLIC ACCESSIBILITY ☒ YES, LIMITED ☐ YES, UNLIMITED ☐ NO ☐ UNKNOWN

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)

lens (4th order) manufactured by Barbier & Benard, of Paris, in 1896. The flashing white light, which has a nominal range of 23 miles, was converted to electric lens drive in 1959, but parts of its original clockwork apparatus are intact, including the 11" drop tube, clock cord, and lead counter-weight. The gears that formerly rotated the lens once every 30 seconds are still intact beneath the lens. The Ashtabula Harbor Light was last manned in 1973. The light today operates by shore power. No original fog signal equipment remains.

REFERENCES (CONTINUED)

U.S., Department of Transportation, United States Coast Guard, Light List, vol. 4, Great Lakes (1979), p. 34.

VBD: includes lighthouse and foundation approx .25 acres

This lighthouse played an important role in the development of Ashtabula as a port.

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
(7-81)

OMB NO. 1024-0018
EXP. 12/31/84

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 4 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
31.	Dunkirk Light	Entered in the National Register Substantive Review	Keeper	Delores Byrne 7/19/84
			Attest	
32.	Fort Niagara Light	Entered in the National Register	for Keeper	Delores Byrne 7/19/84
			~~Attest~~ Keeper	Beth Grosvenor 8/4/83
33.	Galloo Island Light	Substantive Review	Keeper	
			Attest	
34.	South Buffalo North Side Light		for Keeper	Delores Byrne 8/4/83
			Attest	
35.	Thirty Mile Point Light	Substantive Review	Keeper	Delores Byrne 7/19/84
	Entered in the National Register		Attest	
36.	Tibbetts Point Light	Entered in the National Register	for Keeper	Delores Byrne 7/19/84
			Attest	
OH 37.	Ashtabula Harbor Light	Substantive Review	Keeper	Beth Grosvenor 8/4/83
			Attest	
38.	Cedar Point Light	Entered in the National Register	for Keeper	Delores Byrne 7/19/84
			Attest	
39.	Cleveland West Pierhead Light	Substantive Review	Keeper	Beth Grosvenor 8/4/83
			Attest	
40.	Toledo Harbor Light	Entered in the National Register	for Keeper	Delores Byrne 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

Ashtabula Harbor Light (U.S. Coast Guard Lighthouses and Light Stations on the Great Lakes TR)
Ashtabula County
OHIO

Substantive Review

Working No. 6/21/83
Fed. Reg. Date: 2-7-84
Date Due: 7/21/83 - 5/5/83
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:

Recom./Criteria Accept, A,C
Reviewer B. Brown
Discipline Historian
Date 8/4/83
___ see continuation sheet

Nomination returned for: ___ 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
☐ excellent ☐ deteriorated
☐ good ☐ ruins
☐ fair ☐ unexposed

Check one
☐ unaltered
☐ altered

Check one
☐ original site
☐ moved date ___

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
☐ Photographs
☐ Other

Questions concerning this nomination may be directed to _____

Signed _____ Date _____ Phone: _____

Comments for any item may be continued on an attached sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

ASHTABULA NORTH QUADRANGLE

OHIO—ASHTABULA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 ASHTABULA 15' QUADRANGLE

80°52'30" 42°00' 511 000m.E. 512 513 50' 514 515 516 517 47'30" 518 2 470 000 FEET 520 80°45' 42°00'

4649 000m.N. 4649 4648 850 000 FEET 4647 4646 4645 57'30" 4644 4643 4642 4641 55' 4640 820 000 FEET 4639 4638 4637 4636 000m.N. 41°52'30"

L A K E E R I E

APPROXIMATE MEAN LAKE ELEVATION 571

(NORTH KINGSVILLE) 4867 IV NW

T. 13 N.

ASHTABULA LT
N 46-40,520
E 5-16,880

40,520

Saybrook On-the-Lake
Walnut Beach Park
Waterworks
High Sch
Mother of Sorrows Sch
Washington Sch
Athletic Field
Harbor
Jefferson Sch
Golf Course
Red Brook
S A Y B R O O K
Aqueducts
Ashtabula and Buffalo Dock
Union Dock
Pinney Dock
P. C. Yards
Drydock
Ashtabula River
ASHTABULA
Hosp
Lake Shore Park
Power Plant
Substation
Sewage Disposal
Tailings Pond
Reservoir
Chemical
Water
East Ashtabula
Columbus Sch
St Johns High Sch
Mt Carmel Sch
Filter Bed
A S H T A B U L A
Armory
Lincoln Sch
Edgewood
Cedarquist Park
St Josephs Sch
Penn Central R R Sta
Penn Central
4 Tracks
Aqueduct
Light

GENEVA (JUNC. U.S. 20) 8.7 MI.
GENEVA-ON-THE-LAKE 4.2 MI.
AUSTINBURG 7.4 MI.
ORWELL 24 MI.
0.2 MI. TO U.S. 20
JEFFERSON 9.5 MI.
SAYBROOK 6 MI.
GENEVA 11 MI.
KINGSVILLE-ON-THE-LAKE 2.7 MI.
CONNEAUT 11 MI.
NORTH KINGSVILLE 3.6 MI.
CONNEAUT 11 MI.

4867 IV SW (GENEVA)
4867 I SW (GAGEVILLE)

2 450 000 FEET
R. 4 W. (ASHTABULA SOUTH) 4867 IV SE
R. 3 W.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1970

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1958. Field check 1960

Selected hydrographic data compiled from U.S. Lake Survey charts 34 (1958) and 342 (1959). This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grid based on Ohio coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Red tint indicates areas in which only landmark buildings are shown

Entire area lies within Connecticut Western Reserve

MN GN 5° 89 MILS 0°08' 2 MILS

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS LOW WATER 586.6 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

OHIO
QUADRANGLE LOCATION

Revisions shown in purple compiled in cooperation with State of Ohio agencies from aerial photographs taken 1970
This information not field checked

ROAD CLASSIFICATION
Medium-duty
Light-duty
Unimproved dirt
U. S. Route
State Route
Heavy-duty

ASHTABULA NORTH, OHIO
NE/4 ASHTABULA 15' QUADRANGLE
N4152.5—W8045/7.5

1960
PHOTOREVISED 1970
AMS 4867 IV NE—SERIES V852

U.S. DEPARTMENT OF THE INTERIOR
HERITAGE CONSERVATION AND RECREATION SERVICE

TELEPHONE REPORT

DATE 4/20/88

TIME OF CALL ____ AM / PM

1. CALL [✓] TO: [ ] FROM (Name)

Paul Lillsignan

2. ADDRESS (Tel. No. if needed)

WI SHPO: 608-262-8904

3. SUBJECT, PROJECT NO., ETC.

Ashland Breakwater Lighthouse

4. DETAILS OF DISCUSSION

See 4/11/88 letter from WI

This lighthouse was never nominated as part of the U.S. Coast Guard Thematic Resource Domination. Although it is listed in the Coast Guard's cover form, the thematic package did not include documentation for Ashland.

NAME OF PERSON PLACING/RECEIVING CALL	TITLE	OFFICE
Beth Boland	Historian	NR

FHR-8-227
June 1978