

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

FOR NPS USE ONLY  
RECEIVED FEB 29 1980  
DATE ENTERED JUN 17 1980

NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY -- NOMINATION FORM

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS  
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

1 NAME

HISTORIC  
Hog Island Cranes

AND/OR COMMON  
Locomotive Gantry Cranes

LOCATION

STREET & NUMBER  
Trenton Marine Terminal, Lambertson Street

\_\_NOT FOR PUBLICATION

CITY, TOWN  
Trenton

\_\_ VICINITY OF

CONGRESSIONAL DISTRICT  
4th

STATE  
New Jersey

CODE  
034

COUNTY  
Mercer

CODE  
021

CLASSIFICATION

CATEGORY	OWNERSHIP	STATUS	PRESENT USE	
<input type="checkbox"/> DISTRICT	<input checked="" type="checkbox"/> PUBLIC	<input type="checkbox"/> OCCUPIED	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> MUSEUM
<input type="checkbox"/> BUILDING(S)	<input type="checkbox"/> PRIVATE	<input type="checkbox"/> UNOCCUPIED	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> PARK
<input type="checkbox"/> STRUCTURE	<input type="checkbox"/> BOTH	<input type="checkbox"/> WORK IN PROGRESS	<input type="checkbox"/> EDUCATIONAL	<input type="checkbox"/> PRIVATE RESIDENCE
<input type="checkbox"/> SITE	<input checked="" type="checkbox"/> PUBLIC ACQUISITION	<input checked="" type="checkbox"/> ACCESSIBLE	<input type="checkbox"/> ENTERTAINMENT	<input type="checkbox"/> RELIGIOUS
<input checked="" type="checkbox"/> OBJECT	<input type="checkbox"/> IN PROCESS	<input type="checkbox"/> YES: RESTRICTED	<input type="checkbox"/> GOVERNMENT	<input type="checkbox"/> SCIENTIFIC
	<input type="checkbox"/> BEING CONSIDERED	<input type="checkbox"/> YES: UNRESTRICTED	<input checked="" type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> TRANSPORTATION
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> MILITARY	<input type="checkbox"/> OTHER:

OWNER OF PROPERTY

NAME  
City of Trenton

STREET & NUMBER  
10 Capitol Street

CITY, TOWN  
Trenton

\_\_ VICINITY OF

STATE  
New Jersey

LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,  
REGISTRY OF DEEDS, ETC. City of Trenton Planning Office

STREET & NUMBER  
10 Capitol Place

CITY, TOWN  
Trenton

STATE  
New Jersey

6 REPRESENTATION IN EXISTING SURVEYS

TITLE  
New Jersey Historic Sites Inventory

Determination of Eligibility made 11/6/1979  
for the Economic Development Administration

DATE  
7/1979

FEDERAL  STATE  COUNTY  LOCAL

DEPOSITORY FOR  
SURVEY RECORDS Office of Historic Preservation

CITY, TOWN  
Trenton

STATE  
New Jersey

# 7 DESCRIPTION

CONDITION		CHECK ONE	CHECK ONE
<input type="checkbox"/> EXCELLENT	<input type="checkbox"/> DETERIORATED	<input checked="" type="checkbox"/> UNALTERED	<input type="checkbox"/> ORIGINAL SITE
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> RUINS	<input type="checkbox"/> ALTERED	<input checked="" type="checkbox"/> MOVED DATE <u>1932</u>
<input type="checkbox"/> FAIR	<input type="checkbox"/> UNEXPOSED		

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DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

These are 2 of 28 Locomotive Gantry Cranes built by the McMyler Interstate Co. of Cleveland, Ohio in 1917.

The steam gantry cranes have a 15 ton capacity at 15 ft. radius, mounted on tracks, with holding and closing lines and clam shell buckets of 3/4 and 1 1/2 yard capacity. Provision is made for magnets at 35 ft. radius with portable electric power. In 1952 they were overhauled and the boilers replaced. They stand on four legs, and are approximately 40 ft. tall (TAMS 1952:20).

No known changes have been made to their appearance, and they still bear the original McMyler name plates.

The cranes are located on docks along the Delaware River at the Trenton Marine Terminal.

# 8 SIGNIFICANCE

PERIOD	AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW				
<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION	
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE	
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE	
<input type="checkbox"/> 1600-1699	<input type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN	
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input checked="" type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER	
<input type="checkbox"/> 1800-1899	<input checked="" type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input checked="" type="checkbox"/> TRANSPORTATION	
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input checked="" type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input type="checkbox"/> OTHER (SPECIFY)	
		<input type="checkbox"/> INVENTION			

SPECIFIC DATES

Built 1917

BUILDER/ARCHITECT

McMyler Interstate Company

STATEMENT OF SIGNIFICANCE

The Hog Island Cranes represent an important era of heavy hoisting equipment and played a major part in 20th century waterfront technology, in addition to aiding in the American efforts during World War I.

During the First World War the United States started a massive ship building effort. One of the largest yards created to meet this need was at Hog Island, just south of Philadelphia, started in 1917. Various technological innovations were made in creating this large enterprise, and were reported on in the technological literature of the period, Marine Review, September, 1918, Osgood 1919.

The McMyler Interstate Co., of Cleveland, Ohio was a major supplier of shipyard equipment at the time, and produced a number of machines for work in or near Philadelphia. Of special interest were the 28 locomotive steam gantry cranes built by the company specifically for the Hog Island Shipyard. These were oil burning, steam operated, but were reportedly capable of being converted to electric power (Webster 1920: 795).

The two 15 ton cranes at the Marine Terminal are 2 of the original 28. They were sold as surplus by the Government to the City of Trenton in 1930 for about \$5,000 (one fifth of their original cost), and in 1932 were installed at the Trenton Marine Terminal, where they have been ever since.

They are significant because they were made by an important and innovative manufacturer of Shipbuilding equipment, the McMyler Interstate Co. in 1917. They are 2 of 28 similar cranes made for and used at the Hog Island shipyards thus representing part of the World War I construction effort. The fate of other such cranes is not known but these two are representative of an important event, and of a major stage in waterfront technology. They also represent part of Trenton's effort to become a working seaport. They are unaltered and well preserved. The city of Trenton is planning to refurbish and maintain the cranes in their present environment.

# 9 MAJOR BIBLIOGRAPHICAL REFERENCES

See Continuation Sheet

## UTM NOT VERIFIED

# 10 GEOGRAPHICAL DATA

## ACREAGE NOT VERIFIED

ACREAGE OF NOMINATED PROPERTY less than one

QUADRANGLE NAME Trenton West

QUADRANGLE SCALE 1:24,000

UTM REFERENCES

A 18 520750 1118750  
ZONE EASTING NORTHING

B           
ZONE EASTING NORTHING

C         

D         

E         

F         

G         

H         

### VERBAL BOUNDARY DESCRIPTION

The two cranes are mounted on tracks which run north and south along about 1700 feet of waterfront on the east side of the Delaware River, near the southern limits of the City of Trenton, at the Trenton Marine Terminal, in Mercer County, New Jersey.

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE	CODE	COUNTY	CODE

# 11 FORM PREPARED BY

NAME / TITLE

S. Kardas and E. Larrabee, Partners

ORGANIZATION

Historic Sites Research

DATE

July 19, 1979

STREET & NUMBER

86 Snowden Lane

TELEPHONE

(609) 921-8109

CITY OR TOWN

Princeton

STATE

New Jersey

# 12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL   

STATE   

LOCAL XX

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

Deputy

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

2-1-80

TITLE Deputy Commissioner, Dept. of Environmental Protection DATE

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

KEEPER OF THE NATIONAL REGISTER

DATE 6-17-80

CHIEF OF REGISTRATION

DATE 6/12/80

FHR-8-300A  
(11/78)

UNITED STATES DEPARTMENT OF THE INTERIOR  
HERITAGE CONSERVATION AND RECREATION SERVICE

**NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY -- NOMINATION FORM**

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"Hog Island" Cranes, Trenton, Mercer County

CONTINUATION SHEET

ITEM NUMBER

PAGE

Bibliography

"Hog Island Yard Has Made Good" Marine Review, Sept. 1918.

Osgood, H.W. "Electrical Features of the Hog Island Shipyard"  
Journal of the Engineers Club, Vol. 36-5, #174, May 1919, pp.  
165-173, Philadelphia.

Tippetts, Abbott, McCarthy Stratton (TAMS). Report on the Port of  
Trenton, Made for the City of Trenton and County of Mercer, New  
Jersey Dec. 1952.

Trenton Sunday Times Advertiser, August 23, 1931.

Webster, F.D. (ed.) The Shipbuilding Cyclopedia, Simmons-Boardman,  
1920.