

South Fox Island

The necessity for a light-house with fog-signal which should be located at the extreme southeast end of South Fox island has long been felt. Vessels coming down the lake will, with westerly winds, (which prevail during the fall,) desire to keep the west shore of the lake well aboard until they get to the vicinity of Bailey's Harbor light, when they come over to the so-called north passage, which is between North Manitou and South Fox islands. By so doing they can keep in smooth water, and have plenty of sea room in case of storm and thick weather. This they can do at night, provided a light is located as above mentioned. A light at this point would also enable them to make a lee, during northeast gales, under the South Fox island, where the anchorage is good. To accomplish this desirable object an appropriation of ten thousand dollars is recommended.

[1866 Annual Report of the Lighthouse Board](#)

For new lighthouse on South Fox Island, Lake Michigan, eighteen thousand dollars.

[Statutes at Large, 39th Congress, March 2, 1867](#)

South Fox Island. – An appropriation for a light-house on this island became available on the 1st July last. The title to a portion of the requisite land at the site yet remained in the government, and the necessary reservation was made. The remainder was purchased from the State of Michigan, and upon the approval of the title by the proper authority, the work was taken in hand and completed in time to exhibit the light, for the first time, on the night of November 1, 1867. It is of the fourth (4th) order, revolving, red.

[1867 Annual Report of the Lighthouse Board](#)

62. *South Fox Island.* – This station is new and in good condition. The inside of the dwelling and the iron stairway of the tower require painting.

[1868 Annual Report of the Lighthouse Board](#)

73. *South Fox Island.* – The wood-work of the dwelling and the iron stairs of the tower require painting, and the cistern needs repairs; in other respects the property is in good order.

On May 11th the steam tender *Haze* left Detroit for the purpose of placing the iron buoys on Spectacle Reef, St. Martin's or Garden City Reef, Graham Shoals, Whale's Back Reef, Horseshoe Reef, and Racine Reef. This service was well performed, as well as valuable incidental service, such as conveying a constructing party from Detroit to McGulpin's Point, recovering the moorings belonging to the buoys which went adrift last fall from Whale's Back and Horseshoe Reef, Delivering boats to South Fox and Chambers Island light stations, and on here return stopped at Alpena on business connected with the title to the site of the Presque Isle ranges.

[1869 Annual Report of the Lighthouse Board](#)

Appears in a list of stations at which "There have been repairs and renovations, more or less extensive, during the last year:"

[1870 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1871 Annual Report of the Lighthouse Board](#)

Appears in a list of stations at which "There have been repairs and renovations, more or less extensive, during the last year:"

South Fox Island

1872 Annual Report of the Lighthouse Board

Appears in a list of stations at which “There have been repairs and renovations, more or less extensive, during the last year.”

1873 Annual Report of the Lighthouse Board

Appears in a list of stations at which “Repairs of greater or less extent have been made, or are in process of execution.”

1874 Annual Report of the Lighthouse Board

Appears in a list of stations at which “Repairs of greater or less extent have been made, or are in the process of execution.”

1875 Annual Report of the Lighthouse Board

Appears in a list of stations at which “Repairs, of greater or less extent, have been made or are in the process of execution.”

1876 Annual Report of the Lighthouse Board

Location: On the extreme southeast end of South Fox Island, Lake Michigan.

Fog-signal:

Description of light: Flashing Red.

Time between flashes:

Distance visible: 15 miles.

Color of tower: Yellow.

Height of tower from base to focal plane: 39 feet

Height of light above lake level: 68 feet.

Order of lens: 4th Order

When built: 1867

When rebuilt:

When refitted:

Arc of illumination: W by N ½ N by S'd to NE ¼ N.

Remarks: A FLASHING RED light. Tower rises from dwelling of brick. A guide through the passage 18 miles wide between South Fox and North Manitou islands. From the light a bank extends south 9 ½ miles which is from 1 ¼ to 1 ¾ miles wide. The soundings are from 4 to 6 to 8 fathoms. To the east south and west of the bank there is from 20 to 30 fathoms of water. Close-to on the bank, there are two small shoals, bearing, respectively, from the light S by W 4 ¾ miles, with 13 feet, and S ½ W 7 3/8 miles, with 16 feet.

1876 Light List

Appears in a list of stations at which “Repairs of greater or less extent have been made, or are being made.”

1877 Annual Report of the Lighthouse Board

This station appears in a list of stations at which “Repairs of greater or less extent have been made, or are in the process of execution.”

1878 Annual Report of the Lighthouse Board

South Fox Island

Appears in a list of stations at which “Repairs of greater or less extent have been made, or are in process of execution.”

[1879 Annual Report of the Lighthouse Board](#)

642. *South Fox Island, Lake Michigan, Michigan.* – The dwelling was put in thorough repair. Three hundred and twenty feet of fence were built, and the station left in good order.

[1880 Annual Report of the Fifth Auditor](#)

Appears in a list of stations at which “Repairs of greater or less extent were made, or are in process of execution.”

[1881 Annual Report of the Lighthouse Board](#)

Appears on a list of stations at which “Repairs of greater or less extent were made.”

[1882 Annual Report of the Lighthouse Board](#)

672. *South Fox Island, Lake Michigan, Michigan.* – The tower, of Milwaukee brick, square in plan and attached to the dwelling, has cracked from unequal settling. The proper means will be adopted to prevent further settling. The enclosed yard is of gravel, on which nothing can be made to grow, as the sand drifts in high winds to a depth of several feet over the high board fence surrounding the yard. The ice has moved the crib-work shelter of the boat-ways out of place. This will be rebuilt this fall, if possible.

[1883 Annual Report of the Lighthouse Board](#)

705. *South Fox Island, on the southern extremity of South Fox Island, Lake Michigan, Michigan.* – New boat-ways were built, a small crib was sunk to protect the landing, and various repairs were made.

[1884 Annual Report of the Lighthouse Board](#)

This work was continued during the year and is now almost completed. The light-house at Grand Island, Grand Island Harbor, Grand Island Harbor ranges, Big Sable, South Manitou, South Fox Island, and Mission Point, Michigan; Sand Island, Twin River Point, Manitowoc, Sturgeon Bay Canal, Sheboygan, Port Washington, Wind Point, and Kenosha, Wisconsin, and Waukegan, Illinois, were surveyed. The work of platting these surveys was done in the winter months.

Appears in a list of stations at which “Repairs of greater or less extent were made.”

[1885 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1886 Annual Report of the Lighthouse Board](#)

Louis Boursaw, assistant lighthouse keeper on the South Fox island, came over in a small boat last week after provisions. He reported that they had been living on half rations for a few days. It was six months since the islanders had received any mail

[Grand Traverse Herald, May 1886](#)

No listing appears for this station in this report

[1887 Annual Report of the Lighthouse Board](#)

South Fox Island

No listing appears for this station in this report

[1888 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1889 Annual Report of the Lighthouse Board](#)

836. *South Fox Island, Lake Michigan, Michigan.*-New landing-docks were constructed, and the boat-house and ways were moved and re-established. The landings are parallel and 13 feet apart. The principal landings consist of five cribs, each 20 feet long and 10 feet wide, and reaches from shore into 4 feet of water. The other one is a single crib 20 feet long. Conductor pipes were provided for the dwelling, leading into the cistern.

[1890 Annual Report of the Lighthouse Board](#)

974. South Fox Island, Lake Michigan, Michigan. - The following recommendation, which was made in the Board's last annual report, is renewed:

The passage between South Fox and Manitou Islands is much used by vessels which, because of the outlying shoals south of the Fox, either keep near the South Fox Island light or off the north end of Manitou. It is therefore recommended that a steam fog signal be established at South Fox Island light station, Lake Michigan, at a cost not exceeding \$5,500, and that an appropriation of that amount be made therefor.

Some repairs were made.

[1891 Annual Report of the Lighthouse Board](#)

1190. South Fox Island, Lake Michigan, Michigan. – The materials for building some 600 running feet of sidewalk, 2 feet wide, were delivered by the tender Warrington. The work was done by the keeper. The revolving apparatus was shipped to Detroit light-house depot, where it was put in good repair, when it was returned to the station

The following recommendation, which was made in the Board's last three annual reports, is renewed.

The work of extending the south pier, on which a light has been maintained since 1870, is progressing rapidly, and will soon be completed. A steam fog signal has long been needed here, but it was deemed impracticable to establish it until the pier was finished. It is estimated that the signal will cost \$5,500, and it is recommended that this amount be appropriated therefor.

There is no dwelling at this station for the keeper. One is needed. The Board estimates that one can be built for \$4,500, and it is recommended that an appropriation of this amount be made for that purpose.

[1892 Annual Report of the Lighthouse Board](#)

1267. South Fox Island, Lake Michigan, Michigan. - The establishment of a steam fog signal here, at a cost not to exceed \$5,500, was authorized by the act approved February 15, 1893, but no appropriation therefor has yet been made. The Board recommends that the amount named be appropriated.

[1893 Annual Report of the Lighthouse Board](#)

1309. South Fox Island, Lake Michigan, Michigan. – The following statement made in the Board's last annual report is repeated:

South Fox Island

The establishment of a steam fog signal here, at a cost not to exceed \$5,500, was authorized by the act approved February 15, 1893, but no appropriation therefor has yet been made.

The Board recommends that the amount named be appropriated. Various repairs were made.

1894 Annual Report of the Lighthouse Board

1368. South Fox Island, Lake Michigan, Michigan. – An appropriation of \$5,500 was made by the act approved March 2, 1895, for establishing a steam fog-signal at this station. Plans and a detailed estimate of cost were made. Material for the construction of an oil house was delivered.

1895 Annual Report of the Lighthouse Board

1482. South Fox Island, Lake Michigan, Michigan. – A 10-inch steam fog signal was established and put in operation December 10, 1895. The plant consists of duplicate marine boilers, with Crosby automatic signals, contained in a substantial frame building 22 by 40 feet in plan, covered with 2-inch planking and corrugated iron outside and boarding with smooth iron inside. The walls between studs are filled with sawdust and lime filling. The machinery stands upon a concrete floor. A brick oil house was built, with an iron door, shelving, and roof. Some 115 running feet of sidewalk were laid, one set of stringers and 20 feet of deck were placed on the water-supply pier, and

The slope of the bank in front of the signal building was covered with brush to prevent cutting away.

1482. South Fox Island, Michigan. - The 10-inch steam whistle, in duplicate, established December 10, 1895, was in operation some 273 hours, and consumed about 15 tons of coal.

1896 Annual Report of the Lighthouse Board

1482. South Fox Island, Lake Michigan, Michigan. – The material required for extending the water supply crib, as well as for rebuilding the boathouse, was ordered and delivered by the light-house tender Amaranth. Various repairs were made.

1483. South Fox Island, Michigan. - The 10-inch steam whistle, in duplicate, was in operation some 225 hours, and consumed about 1 ton of coal and 26 cords of wood.

1897 Annual Report of the Lighthouse Board

1539. South Fox Island, Lake Michigan, Michigan. – A well for supplying the fog signals was dug, curbed, and a pump house built over it. A roadway was cut through the sand hill from the well to the signal house, a sidewalk was laid from the boathouse and pump house to the base of the hill, and they were connected by a platform and stairs to the old sidewalk leading to the dwelling. A derrick was built on the end of the boathouse to lift the spars out of the sailboat. A dock was built at the outer end. Boat ways were built and minor repairs were made.

1539. South Fox Island, Michigan. - The 10-inch steam whistles, in duplicate, were in operation some 277 hours, and consumed about 39 cords of wood.

1898 Annual Report of the Lighthouse Board

397. South Fox Island, Michigan. - The 10-inch steam whistles, in duplicate, were in operation some 581 hours and consumed about 42 cords of wood and 43 tons of coal.

1899 Annual Report of the Lighthouse Board

South Fox Island

This station appears in a list as one at which "Repairs more or less extensive were made."

409, South Fox Island, Michigan - This 10-inch steam whistle, in duplicate was in operation some 277 hours and consumed about 5 tons of coal and 41 cords of wood.

1900 Annual Report of the Lighthouse Board

This station appears in a list as one at which "Repairs more or less extensive were made."

428. South Fox Island, Michigan. - The 10-inch steam whistles in duplicate were operated some 319 hours and consumed about 12 tons of coal and 43 cords of wood.

1901 Annual Report of the Lighthouse Board

One of our pioneers, Capt. Robert Roe, of Buffalo, N. Y., had settled on South Fox Island in 1859. He put out a dock, built a comfortable house, and bought the land the Mormons had occupied. He farmed, and furnished cord wood to take steamers for many years. Many were the gales he sailed through in his trips passing from the island to main land. His brother was keeper of the light-house several years at South Fox Island.

Child Of The Sea, Elizabeth Whitney Williams, Page 219

457. South Fox Island, Lake Michigan. – The boat landing was repaired and extended. Three cribs were placed to anchor it. A metal boat car was provided. About 200 running feet of plank walk was laid. Materials for the work were delivered by the tender.

457. South Fox Island, Michigan. - The 10-inch steam whistles in duplicate were in operation some 359 hours and consumed about 5 tons of coal an 61 cords of wood.

1902 Annual Report of the Lighthouse Board

No mention of this station appears in this report.

1903 Annual Report of the Lighthouse Board

Listed as a station at which "Repairs more or less extensive were made."

480. South Fox Island, Michigan. - This 10-inch steam whistle, in duplicate, was in operation some 402 hours and consumed about 7 tons of coal and 74 cords of wood.

1904 Annual Report of the Lighthouse Board

480. South Fox Island, Lake Michigan, Michigan. – A log crib was placed at the inshore end of the boat landing to break the force of the heavy seas and protect the boathouse and slip. A well was sunk.

480. South Fox Island, Michigan. – This 10-inch steam whistle, in duplicate, was in operation some 253 hours, and consumed about 22 tons of coal and 18 cords of wood.

1905 Annual Report of the Lighthouse Board

Lou A. Comfort of the lighthouse engineers department, joined his family here Tuesday for a short stay. Mr. Comfort is engaged in lighthouse work on Fox Island.

South Fox Island

Rosa Netleton writings - September 5, 1905

472. South Fox Island, Michigan. - This 10-inch steam whistle, in duplicate, was in operation some 314 hours, and consumed about 32 tons of bituminous coal and 23 cords of wood.

1906 Annual Report of the Lighthouse Board

480. South Fox Island, Michigan. - This 10-inch steam whistle was in operation some 349 hours and consumed about 66 tons of anthracite coal and 33 cords of wood.

1907 Annual Report of the Lighthouse Board

Name of station..... South Fox Island Light Station
Inspector..... Francis J. Otter, Office of Engineer, 9th LH Dist.
Location..... On S'ly extremity of South Fox Island. NE'ly part of Lake Michigan. Mag. var. 0 degrees 10' E
Date of report..... 12/1/1907
Distinguishing character... Fixed red
Latitude..... 45° 22' 30"
Longitude..... 85° 49' 41"
Site..... Purchase, consideration \$421.86. 105.45 acres. Lot 374 Frac. Sec.16. Tp3 N R 13 W. Reservation 9.65 acres Sec 21 Tp 34 NR 13N
Date of reservation..... 2/26/1885
Date of deed..... 5/24/1867
Area of entire site..... 115.10 acres
Area enclosed..... 90' long x 69' wide
Character of surface soil... decayed vegetation. Sand & loam.
Distance to high water..... 167'
Type of fence..... Tight board fence, 5' high, around lighthouse & Keeper's dwelling.
Wharf or landing..... Crib landing built of large logs in 1897
Road to landing or wharf.. Plank walk 24" wide, 428' long
Access to station..... Fish tug or sail boat from Northport or Charlevoix.
Distance to road..... Steamboat landing, 28 miles Northport
Distance to post office..... 28 miles
Distance to village..... 28 miles
Public conveyance..... none
Private conveyance..... Fish tug or sail boat from Northport
Means to support lantern... brick tower
Number of separate lights. 1
First built or established.... 1867
Condition..... good
Shape of tower in plan..... square
Form of tower..... parallel piped
Height base to vent ball.... 45'
Height focal plane..... 68'
Background from sea..... wooded land
Color of tower..... yellow

South Fox Island

How color produced.....yellow brick, cement & ochre wash.
Tower connection.....connected, being part of dwelling.
Object for navigation..... Coast light. Guide through passage between South Fox & North Manitou islands.
Building materials..... Brick superstructure. Stone foundation.
Wall thickness at base..... Outer wall 13" Inner (circular) wall 4"
Wall thickness at parapet.. Outer wall 13" Inner (circular) wall 4"
Tower diameter at base..... 9' 4" x 9' 4"
Tower diameter at parapet.9' 4" x 9' 4"
Stairway or steps..... circular iron stairs
Number of landings.....2
Size of glass..... 10" x 14"
Number windows & sash.. 3; 2' 10.5" x 2' 7" long
Number of doors..... 2; Entrance to tower from outside & door from dwelling.
Foundation..... Stone. 4' below grade, 1' 6" above grade.
Soil character.....sandy
Soil susceptibility..... by grass, shrubbery, trees
Order of lantern.....4th
Lantern shape..... polygonal
Diameter..... 7' 4"
Number of sides..... 10
Type of bars..... vertical
Height glazed..... 36" to top of glass, from lantern deck 6' 6.5"
Number of plates high..... one
Plates on each side..... one
Plate thickness..... 3/8"
Size of plate.....26 3/4 x 36
Storm panes..... none
Unglazed sides..... none
Lantern construction..... cast iron. Lantern lined inside with D&M ceiling.
Lantern roof construction.. cast iron
Ventilator / cowl.....cast iron
Lightning spindle..... copper with platinum tip
Lightning conductor..... 1/2" diameter copper cable from lantern deck down outside of tower to earth, also copper rod from foot of stairs to earth.
Balustrade.....Iron with metal posts & metal rails.
Lantern doors..... Fitted in panel of lantern, swings out on lantern
Floor of lantern.....Iron, painted
Watch room doors..... No watch room
Parapet diameter.....6' 8"
Ventilators..... In lower part of lantern, 5 brass radial pattern half opening.
Ladders / cleaning..... none needed.
Curtain hooks / hangers.....1 set of regulation pattern, brass.
Lens maker..... L. Sautter & Co., Paris
Year made:..... No date on apparatus

South Fox Island

Marks & numbers.....Paris, 5-6-9-10-2
Order of apparatus.....4th
Inside diameter..... 1' 7.5"
Characteristic..... Fixed red, varied by red flash every 2 minutes
Time of revolution..... 4 minutes
Flash interval.....Flash every 2 minutes
Duration of flash..... 1 1/4 sec.
Arc of each fixed part.....360 degrees
Number of panels..... 6
Number of flash panels..... 2
Arc of each..... 60 degrees
Elements in center drum... 5
Prisms above center..... 5
Prisms below center..... 3
How flash produced..... 2 bulls eye panels, set opposite each other.
Pedestal..... cast iron, with center post, 42" high.
Service table..... Cast iron fastened to pedestal supported by 2 wooden legs.
Revolving machinery..... 4th order clock, Sautter & Co.
Chariot/ball or float..... balls
Ball description..... v grooves
Number of balls.....20
Diameter of balls.....3/8"
Length of drop tube.....No tube. Chamber in side wall. 32' 9"
Winding time.....about 4.5 hours
Machinery protection..... by brass & glass case
Regulated..... by fly governor
Revolving cord.....4th order clock cord, soft laid steel
Cord length.....44'
How led..... down through deck over 2 pulleys down weight flue.
How color produced..... ruby chimney
Red sector description..... none all panels 360 degrees
Where color attached..... Chimney, attached to illuminating apparatus
Lamp description.....New 4th order, 1 wick to burner
Number of spare lamps..... 2 complete lamps.
Tower closet use.....None
Oil house description..... Oil house, boiler plate iron door & shelving.
Oil house inside dim..... 7' x 9'
Oil construction..... brick, metal roof
Oil house capacity..... 360 gals.
Other storage..... Closets in connection with rooms of dwelling. Storeroom 8' x 10' on 2nd floor of dwelling
Suitability..... Dry, suited to purpose for which designed.
Fog signal kind..... 10" steam whistle. 2 Marine, open bottom pattern steam boilers
Time to start..... about 1 hour
Manufacturer..... Dayton, OH., Miami Valley Boiler Co.

South Fox Island

Year manufactured..... 1895
Characteristic..... Blast 3 sec., silent intervals of 17 sec.
Duplication..... All except whistle & smokestack.
Timing device..... Cam in clockwork. Crosby automatic signal.
Operating pressure..... 90#
Height above water..... 53' 3"
Location..... SW from lighthouse. General warning to mariners in dangerous channels,
Distance & direction..... SW 400'
Water supply..... supplied by well 4' x 4' inside, 6' x 6' outside.
Reached from lighthouse.. Plank walk
Description of building..... Frame building 22' x 40' - brick foundation corrugated iron sides & roof, painted
red.
Steam boiler..... Steam
Boiler kind..... Marine, open bottom
Boiler tube..... Flue tube
Boiler dimensions..... height 7' 5"
Boiler length..... 6' 6"
Boiler diameter..... width 4' 9"
Boiler tube description..... 102 - 5' 1 1/4"
Boiler tube diameter..... 2.5"
Fire box kind..... part of boiler
Fire box length..... 5'
Fire box width..... 4' 1 1/4"
Fire box height..... 1' 6"
Fire box heat surface..... 393-95
Fire box grate surface..... 20 sq. ft.
Number of grate bars..... 18
Kind of grate bars..... 2 bar spade ends, cast iron
Steam fuel..... bituminous coal & wood
Steam safety valve..... 2.5"
Steam maximum pressure. 135#
Steam working pressure.... 90#
Diameter of smokestack.... 24"
Smokestack height..... 38' 8"
Steam drum dimensions.... 3' 9"
Steam drum diameter..... 36"
Steam covering..... Felt covered with canvas & lined with asbestos
Boiler condition..... good
Steam boiler built..... 1895
Where built..... Dayton, OH
Manufacturer..... Miami Valley Boiler Co.
Steam engine kind..... No. Automatic signal
Diameter..... 10"
Height..... 16"
Orifice..... 2 3/4"

South Fox Island

Tone..... single tone
Dwelling location..... Tower attached to & forms part of Keepers dwelling.
Dwelling coloring..... Buff walls, red roof.
Construction materials..... brick & stone.
Number of rooms..... 5
Number of keepers..... 1 keeper
Outbuildings..... Boat house, oil house, 2 privies, pump house
Outbuilding color..... signal building, red walls & roof; Boat house white walls, red roof.
Paths and walks..... Plank walks from dwelling to boathouse, to asst. keepers dwelling, to pump house, to oil house, to privies & to fog signal house.
Area enclosed..... 90' x 69' tight board fence
Area of garden..... none
Timber or shrubbery..... entire site
Cultivated area available... none
Area cultivated..... none
Character of surroundings. Sand & loam. Shifting sand.
Assistant dwelling..... frame structure
Number of rooms..... 5
Number of keepers..... 2 assistants
Outbuildings..... Summer kitchen in rear of dwelling
Paths & walks..... plank walks to keepers dwelling
Area enclosed..... 90' x 69' tight board fence
How procured..... By bucket from Lake
Quality..... good
Quantity..... ample
Injury possible..... not liable
Purity precaution..... None
Tank capacity..... 1,554 gals. Cistern under kitchen.
Tank material..... Brick for residence 6' diameter, 7' 4" deep; Fog signal tanks 1 metal tank 7' 6" diameter, 7' high SE corner of house, 2300 gals. 1 metal tank 4' 6" diameter, 5' high, SW corner of house, 545 gal.
Keeper health..... Healthy
Diseases..... none
Prevelency..... none
Local causes..... none
Recommendations..... None needed
Access to lighthouse..... Boat landing consists of log cribs 8' wide, 180' long being a dock protected by an L dock. Boat house 16' x 36' built in 1897.
Distance & direction..... Boat house located 400' SE of dwelling.

1907 District Inspector's survey of the station

No listing appears for this station in this report

1908 Annual Report of the Lighthouse Board

No listing appears for this station in this report

South Fox Island

[1909 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1910 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1911 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1912 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1913 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1914 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1915 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1916 Annual Report of the Lighthouse Board](#)

The intensity of light at South Fox Island Light Station was increased on June 15, 1916, to show fixed light of 870 candlepower and the flash 7,200 candlepower. Duration of flash is 5 seconds.

[1916 annual report of the Lake Carriers Association](#)

No listing appears for this station in this report

[1917 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1918 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1919 Annual Report of the Lighthouse Board](#)

No listing appears for this station in this report

[1920 Annual Report of the Lighthouse Board](#)

South Fox Island Shoals Gas Buoy No. 1. - An acetylene-operated buoy was placed in this station May 17, 1921, relieving the gas buoy formerly in use. Characteristic, flashing white every three seconds; flash 3 seconds duration, 70 candlepower, visible 8 miles.

[1921 annual report of the Lake Carriers Association](#)

To improve the visibility of South Fox Island Light, the illuminant was changed from oil vapor to electricity. Steam fog signal changed to typhon.

South Fox Island

1929 annual report of the Lake Carriers Association

Fog signal at this light station was improved by changing from a steam whistle to modern air tyfon.

1930 annual report of the Lake Carriers Association

South Fox Island Shoals Lighted Buoy' 2. - Established May 22, in 30 feet, 180 o from South Fox Island Light, to mark the "South limit of South Fox Island Shoals. This is a red buoy with white light flashing 0.5 seconds; eclipse 4.5 seconds and has replaced South Fox Island Shoals Lighted Buoy 1, flashes every 5 seconds.

South Fox Island Shoals Buoy 4, Lake Michigan. - Established in 20 feet, 24,000 feet 188 ° from South Fox Island Light, to mark the north limit of the passage through South Fox Island Shoals, a red, 3rd class spar buoy.

South Fox Island Shoals Buoy 3, Lake Michigan. - Established in 21 feet, 33,500 feet 186° from South Fox Island Light, to mark the south limit of the passage through the South Fox Island Shoals, a black 3rd class spar buoy.

1941 annual report of the Lake Carriers Association
