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Form 60

3d LIGHTHOUSE DISTRICT

Department of Commerce and Labor

LIGHTHOUSE SERVICE

DESCRIPTION

OF

Block Island South East

LIGHT STATION

State: Rhode Island

May 28, 1929

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DESCRIPTION

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State: Rhode Island

May 28, 1929

DESCRIPTION OF LIGHT STATION.

1. By whom described Oscar C. Luther, date May 28, 1929

STATION.

2. Name of station, Block Island South East

3. Characteristic of light, ~~(i.o.v.)~~

Flashing Green (I.O.V.) every 3.7 seconds

Flash 0.3 second duration

4. Geographical position of light: Latitude, ____° ____′ ____″; longitude, ____° ____′ ____″.

5. Location,

PREMISES.

6. Origin of title to site of station (public land, purchase, lease, military or naval reservation),

7. Date of reservation, deed, lease, or permission to occupy,

8. Area of the entire site, ____; (*b*) area inclosed, ____; (*c*) type of fence, mostly stone

9. Distance of tower from nearest high-water mark, 300 feet

10. Wharf or landing on premises, none

11. Means by which the light station may be reached and distance to nearest post office or town, with name, Carriage, 1½ miles Block Island

12. Tower or other means used for supporting the lantern and apparatus, Tower

13. Number of separate lights, One

14. When first built or established, 1875

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7. Date of reservation, deed, lease, or permission to occupy,

8. Area of the entire site, ____; (*b*) area inclosed, ____; (*c*) type of fence, mostly stone

9. Distance of tower from nearest high-water mark, 300 feet

10. Wharf or landing on premises, none

11. Means by which the light station may be reached and distance to nearest post office or town, with name, Carriage, 1½ miles Block Island

12. Tower or other means used for supporting the lantern and apparatus, Tower

13. Number of separate lights, One

14. When first built or established, 1875

DESCRIPTION OF LIGHT STATION.

PREMISES—Continued.

15. When last thoroughly rebuilt, repaired, or renovated, never

16. Height of focal plane of lantern above mean high water (on sea and gulf coasts) or mean lake level on northern lakes and rivers, 201 feet

17. Background of the lighthouse, upon which it is projected, as seen from seaward, sky

18. Color of tower, and how produced, Red Wash

19. Tower—Connected with keeper's dwelling, and how; or detached, connected by an entry way.

20. Purpose of aid—Seacoast, lake coast, bay, harbor, channel, or range; for general or local navigation, Seacoast for general navigation.

21. Materials of which the tower is built, Bricks

22. Kind of stairway and steps, Iron

23. Size of glass for glazing tower windows, 10" x 12"

24. Number of windows in tower, and size of sash, 6, 3 - 10 lts. 10" x 12", 3 - 8 lts 10"x12"

25. Number and size of doors, 2 to watch room 2'-6½" x 6-7 & 2-8 x 6-7, entrance door 3-1½" x 6-11".

26. General remarks upon tower and site,

LANTERN AND LANTERN FIXTURES.

27. Order or class of lantern, First Order

28. Polygonal with number of sides, or cylindrical with diameter, Polygonal 16

29. Vertical or helical bars, vertical; height glazed, 9' 8"

30. Number of plates in height, 3 Upper; in each side, 3

31. Thickness and size of plates, ¼" 3'8¾" x 27½", 3'3" x 27½", 2'6¾"

32. Unglazed side of lantern in plates and degrees of arc, All glazed;

between what bearings (true and from seaward),

33. Materials of which the lantern is constructed, Iron

34. Roof, Copper

DESCRIPTION OF LIGHT STATION.

PREMISES—Continued.

15. When last thoroughly rebuilt, repaired, or renovated, never

16. Height of focal plane of lantern above mean high water (on sea and gulf coasts) or mean lake level on northern lakes and rivers, 201 feet

17. Background of the lighthouse, upon which it is projected, as seen from seaward, sky

18. Color of tower, and how produced, Red Wash

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LANTERN AND LANTERN FIXTURES.

27. Order or class of lantern, First Order

28. Polygonal with number of sides, or cylindrical with diameter, Polygonal 16

29. Vertical or helical bars, vertical; height glazed, 9' 8"

30. Number of plates in height, 3; in each side, 3

31. Thickness and size of plates, ¼" 3'8¾" x 27½", 3'3" x 27½, 2'6¾ Upper

32. Unglazed side of lantern in plates and degrees of arc, All glazed;

between what bearings (true and from seaward),

33. Materials of which the lantern is constructed, Iron

34. Roof, Copper

LANTERN AND LANTERN FIXTURES—Continued.

35. Ventilator ball, Copper

36. Lightning-conductor spindle, Copper

37. Balustrade and outside gallery, Iron

38. Lantern doors, and how fitted, None

39. Floor of lantern—Of what materials, Iron

40. Watch-room door leading into lantern, and how fitted, None

VENTILATORS.

41. In parapet, wall, or lower part of lantern, Lower part of lantern

42. Lantern ladders for cleaning plate glass, outside, None

43. Curtain hooks inside of lantern—How fitted, Inside curtains operated by cords.

WATCH ROOM.

44. How fitted, On iron table, lower part of cupola.

45. Bell wires, speaking tubes, or telephones for calling relief keepers—Kind, None

46. Where led,

ILLUMINATING APPARATUS, ETC.

47 Kind of apparatus, Lens; intensity in English candles, 24,000

48. Name of maker, [illegible]; year made,

49. Marks and number on apparatus, [illegible]

50. Order of apparatus, First; inside diameter (inscribed circle, tangent to glass) of central drum,

51. **If the apparatus is a parabolic mirror,** state (*a*) diameter of opening, ; (*b*) depth of mirror, ; (*c*) its focal length, ; (*d*) material of which it is made,

52. **If revolving,** time of revolution,

53. **If fixed,** or fixed varied by flashes, state arc of each fixed part in degrees,

LANTERN AND LANTERN FIXTURES—Continued.

35. Ventilator ball, Copper

36. Lightning-conductor spindle, Copper

37. Balustrade and outside gallery, Iron

38. Lantern doors, and how fitted, None

39. Floor of lantern—Of what materials, Iron

40. Watch-room door leading into lantern, and how fitted, None

VENTILATORS.

41. In parapet, wall, or lower part of lantern, Lower part of Lantern

42. Lantern ladders for cleaning plate glass, outside, None

43. Curtain hooks inside of lantern—How fitted, Inside curtains operated by cords.

WATCH ROOM.

44. How fitted, Chairs, table, Boxes and cords.

45. Bell wires, speaking tubes, or telephones for calling relief keepers—Kind, None

46. Where led,

ILLUMINATING APPARATUS, ETC.

47 Kind of apparatus, Lens; intensity in English candles, 20,000

48. Name of maker, Barbier Benard; year made,

49. Marks and number on apparatus, Barbier Paris 1870

50. Order of apparatus, First; inside diameter (inscribed circle, tangent to glass) of central drum,

51. **If the apparatus is a parabolic mirror,** state (*a*) diameter of opening, ; (*b*) depth of mirror, ; (*c*) its focal length, ; (*d*) material of which it is made,

52. **If revolving,** time of revolution,

53. **If fixed,** or fixed varied by flashes, state arc of each fixed part in degrees,

ILLUMINATING APPARATUS, ETC.—Continued.

54. Number of panels in the lens apparatus, 8 - 4 bullseyes & 4 blanks

55. Number of flash panels, 4; arc of each, in degrees, 45°

56. Number of elements in each panel of central drum of lens,

57. Number of prisms in each panel *above* central drum of lens,

58. Number of prisms in each panel *below* central drum of lens, 11 elements in reflectors

59. How are the flashes produced—By the whole apparatus revolving Yes; by revolving belt only ; if by panels or vertical elements revolving outside of fixed lens, state the number of such panels,

60. **If by vertical elements,** state (*a*) the number in each panel, ; and (*b*) the number of elements of fixed lens covered by the panel,

61. **If light is occulting,** state (*a*) the characteristic,

(*b*) Between what time limits may characteristic be varied without structural changes in mechanism?

(*c*) Are eclipses produced by sleeve, revolving screens, or valve (if gaslight)?

(*d*) Size of sleeve and amplitude of movement,

(*e*) Axis of rotation of screens, horizontal or vertical, ; (*f*) relation of axis to vertical axis of illuminating apparatus,

(*g*) Do the screens revolve as parts, or independently, of illuminating apparatus?

(*h*) If about vertical axis, how many in circumference, ; (*i*) time required for complete revolution, ; (*j*) form, ;

(*k*) how mounted (see Questions 62–65), ;

(*l*) if actuated by clockwork, state order and maker, ;

(*m*) date made,

If occultation is effected by valve, state (*n*) name of maker, ;

(*o*) pattern, ;

(*p*) does it operate reliably?

62. **If revolving,** does the apparatus revolve on a chariot, mercury float, or balls? Dr. 65761 good Mercury float

63. **If a chariot,** describe it and state the number and size of each pattern of wheels in it,

ILLUMINATING APPARATUS, ETC.—Continued.

54. Number of panels in the lens apparatus, 8 - 4 bullseyes & 4 blanks

55. Number of flash panels, 4; arc of each, in degrees, 45°

56. Number of elements in each panel of central drum of lens, 11 elements in reflectors

57. Number of prisms in each panel *above* central drum of lens,

58. Number of prisms in each panel *below* central drum of lens,

59. How are the flashes produced—By the whole apparatus revolving, Yes; by revolving belt only ; if by panels or vertical elements revolving outside of fixed lens, state the number of such panels,

60. **If by vertical elements,** state (*a*) the number in each panel, ; and (*b*) the number of elements of fixed lens covered by the panel,

61. **If light is occulting,** state (*a*) the characteristic,

(*b*) Between what time limits may characteristic be varied without structural changes in mechanism?

(*c*) Are eclipses produced by sleeve, revolving screens, or valve (if gaslight)?

(*d*) Size of sleeve and amplitude of movement,

(*e*) Axis of rotation of screens, horizontal or vertical, ; (*f*) relation of axis to vertical axis of illuminating apparatus,

(*g*) Do the screens revolve as parts, or independently, of illuminating apparatus?

(*h*) If about vertical axis, how many in circumference, ; (*i*) time required for complete revolution, ; (*j*) form, ;

(*k*) how mounted (see Questions 62–65), ;

(*l*) if actuated by clockwork, state order and maker, ;

(*m*) date made,

If occultation is effected by valve, state (*n*) name of maker, ;

(*o*) pattern, ;

(*p*) does it operate reliably?

62. **If revolving,** does the apparatus revolve on a chariot, mercury float, or balls? Dr. 45781 40005 Mercury Float

63. **If a chariot,** describe it and state the number and size of each pattern of wheels in it,

ILLUMINATING APPARATUS, ETC.—Continued.

64. **If on mercury float,** give (*a*) inside diameter of trough, 34½"; (*b*) inside depth of trough, 9 1/8"; (*c*) outside diameter of float, 34-3/8"; (*d*) depth of float, 9-9/16"; (*e*) weight of mercury required, in pounds, 66; (*f*) how often mercury is renewed? No data on renewals.

65. **If on balls,** (*a*) describe the construction of the ball-raceways, whether they are flat surface or semicircular or V grooves, _____

(*b*) state number of balls, _____; (*c*) diameter of balls, _____

66. Clock cord or chain, kind, _____; size, _____; length, _____; how led, _____; diam. and length of clock drum, _____

67. Length and inside dimensions of drop tube or weight box, _____; clock weight, _____ pounds.

68. Length of time clock will run after one winding, _____

69. Does clock drive apparatus while being rewound? _____

70. How is the machinery protected? _____

71. How regulated? _____

72. Describe the pedestal, Dr. #7276

73. Lens protector—Is there one? Yes; kind, Galvanized iron cone

74. Draft tube leading into ventilator ball—Of what material, diameter, and how fitted and connected with damper tube when in place, First order damper tube, and connecting tube.

75. **If colored light,** (*a*) how is the color produced? Green shade - Sketch #502

(*b*) state where colored glass is attached, if to illuminating apparatus or to lantern, _____

76. If colored glass is inside of illuminating apparatus, describe its form, _____

77. Red sectors—Between what bearings, true (from seaward), _____

ILLUMINATING APPARATUS, ETC.—Continued.

64. **If on mercury float,** give (*a*) inside diameter of trough, 34½"; (*b*) inside depth of trough, 9-1/8"; (*c*) outside diameter of float, 34-3/8"; (*d*) depth of float, 9-9/16"; (*e*) weight of mercury required, in pounds, 66; (*f*) how often mercury is renewed? No data on renewals.

65. **If on balls,** (*a*) describe the construction of the ball-raceways, whether they are flat surface or semicircular or V grooves, ...

(*b*) state number of balls, ...; (*c*) diameter of balls, ...

66. Clock cord or chain, kind, ...; size, ...; length, ...; how led, ...; diam. and length of clock drum, ...

67. Length and inside dimensions of drop tube or weight box, ...; clock weight, ... pounds.

68. Length of time clock will run after one winding, ...

69. Does clock drive apparatus while being rewound? .....

70. How is the machinery protected? .....

71. How regulated? .....

72. Describe the pedestal, Dr. #7276

73. Lens protector—Is there one? Yes; kind, Galvanized iron cone

74. Draft tube leading into ventilator ball—Of what material, diameter, and how fitted and connected with damper tube when in place, First order damper tube, and connecting tube.

75. **If colored light,** (*a*) how is the color produced? Green shade - Sketch #602

(*b*) state where colored glass is attached, if to illuminating apparatus or to lantern, ...

76. If colored glass is inside of illuminating apparatus, describe its form, ...

77. Red sectors—Between what bearings, true (from seaward), ...

LAMPS, BURNERS, ETC.

78. Description of lamp: (*a*) give order, Type A-55 m.m.; (*b*) kind of illuminant, Kerosene

(*c*) intensity in English candles, 1500

If oil, or oil vapor:

(*a*) number of wicks, or mantels, to burner, One mantel;

(*b*) diameter of outside wick, ____; (*c*) diameter of mantel, 55 m.m.;

(*d*) if more than one mantel, also diameter of circumscribing circle, ____

If gaslight:

(*e*) state kind, ____; (*f*) number of burners, if more than one burner in group, ____; (*g*) kind of burner, ____;

(*h*) candlepower per burner, ____; (*i*) total candlepower of group, ____;

(*j*) consumption of gas per burner per hour, ____ cubic feet;

(*k*) total consumption per hour, ____ cubic feet; (*l*) how is gas obtained?

____

If gas is generated at station:

(*m*) describe generator, ____;

(*n*) state name of maker, ____;

(*o*) date of pattern, ____; (*p*) maximum capacity per hour, ____ cubic feet.

If compressed gas is used:

(*q*) describe container and give number in service, ____; spare ____;

(*r*) capacity, ____ cubic feet of free gas; (*s*) to what pressure charged, ____ lbs.; (*t*) how is supply renewed? ____;

(*u*) if by substitution of full for empty container, at what intervals? ____

____

79. Number of spare lamps at station, One

80. Number of spare lamp burners at station, No.

LAMPS, BURNERS, ETC.

78. Description of lamp: (*a*) give order, Type A-55 m.m.; (*b*) kind of illuminant, Kerosene

(*c*) intensity in English candles, 1500

If oil, or oil vapor:

(*a*) number of wicks, or mantels, to burner, One mantel;

(*b*) diameter of outside wick, ____; (*c*) diameter of mantel, 55 m.m.;

(*d*) if more than one mantel, also diameter of circumscribing circle, ____

If gaslight:

(*e*) state kind, ____; (*f*) number of burners, if more than one burner in group, ____; (*g*) kind of burner, ____;

(*h*) candlepower per burner, ____; (*i*) total candlepower of group, ____;

(*j*) consumption of gas per burner per hour, ____ cubic feet;

(*k*) total consumption per hour, ____ cubic feet; (*l*) how is gas obtained?

____

If gas is generated at station:

(*m*) describe generator, ____;

(*n*) state name of maker, ____;

(*o*) date of pattern, ____; (*p*) maximum capacity per hour, ____ cubic feet.

If compressed gas is used:

(*q*) describe container and give number in service, ____; spare ____;

(*r*) capacity, ____ cubic feet of free gas; (*s*) to what pressure charged, ____ lbs.; (*t*) how is supply renewed? ____;

(*u*) if by substitution of full for empty container, at what intervals? ____

____

79. Number of spare lamps at station, One

80. Number of spare lamp burners at station, No.

CLOSETS IN TOWER.

81. How fitted and used, None

OIL HOUSE OR ROOM.

82. Describe (*a*) where placed and how fitted, Oil kept in tank, Bowser system.

(*b*) inside dimensions, ; (*c*) materials of which built, ;

(*d*) capacity in 5-gallon cans, ;

CLOSETS AND STOREROOMS.

83. Where placed, how fitted and used,

84. Damp or dry, suited or unsuited to the purpose for which they were designed,

FOG SIGNAL.

85. Kind and character of apparatus, First class siren

86. How much time is required to sound the signal? 20 minutes; how long may the signal sound its characteristic with the quantity of air stored under pressure? None

87. Characteristic:

If whistle, trumpet, or siren:				If bell:			
Blast 4 sec.	Silent 30 sec.	Blast 4 sec.	Silent 30 sec.	...strokes	Silent ... sec.	...strokes	Silent ... sec.

88. What parts of the fog-signal machinery are in duplicate? Engines, compressor and automatic clocks and sirens.

89. Location, with reference to lighthouse, to a particular danger or channel, or to the special object for which established, On the water side of tower.

90. Distance and direction, true, from lighthouse, 150 feet S.E.

91. Water supply for it, Rain water cistern.

92. How is it reached from the lighthouse? Path

CLOSETS IN TOWER.

81. How fitted and used, None

OIL HOUSE OR ROOM.

82. Describe (*a*) where placed and how fitted, Oil kept in tank, Bowser system.

(*b*) inside dimensions, ; (*c*) materials of which built, ;

(*d*) capacity in 5-gallon cans, ;

CLOSETS AND STOREROOMS.

83. Where placed, how fitted and used,

84. Damp or dry, suited or unsuited to the purpose for which they were designed,

FOG SIGNAL.

85. Kind and character of apparatus, First class siren

86. How much time is required to sound the signal? 20 minutes; how long may the signal sound its characteristic with the quantity of air stored under pressure? None

87. Characteristic:

If whistle, trumpet, or siren:				If bell:			
Blast	Silent	Blast	Silent	strokes	Silent	strokes	Silent
4 sec.	30 sec.	4 sec.	30 sec.		sec.		sec.

88. What parts of the fog-signal machinery are in duplicate? Engines, compressor and automatic clocks and sirens.

89. Location, with reference to lighthouse, to a particular danger or channel, or to the special object for which established, On the water side of tower.

90. Distance and direction, true, from lighthouse, 150 feet S.E.

91. Water supply for it, Rain water cistern.

92. How is it reached from the lighthouse? Path

FOG SIGNAL—Continued.

93. Description of fog-signal building or buildings, Brick building

94. **If a bell,** state (*a*) weight, ... lbs.; (*b*) metal, ...; (*c*) diameter, ...; (*d*) height, ...; (*e*) if struck by clockwork, state time it will run with one winding, ...; (*f*) maker and date, ...

95. **If a steam signal,** describe boiler: (*a*) type, ...; (*b*) length, ...; (*c*) diameter, ...; (*d*) horsepower, ...; (*e*) maker and date, ...

(*f*) Is there a heater? .....; what kind? .....; what size? .....; how much does its use reduce the time of starting the fog signal? .....

96. **If a steam engine is used:** (*a*) kind, ...; (*b*) number of revolutions per minute, ...; (*c*) diameter of cylinder, ...; (*d*) stroke of piston, ...; (*e*) horsepower, ...; (*f*) maker and date, ...

97. **If internal combustion engines are used:** (*a*) kind of engine, Horizontal;

(*b*) maker, Lole Vorgin Machine Company;

(*c*) date, ...; (*d*) nominal size, ...; (*e*) horse power, 12;

(*f*) fuel used, mineral oil; (*g*) how started, Starting Vaporizer;

(*h*) kind of compressor, Horizontal; (*i*) maker and date, Davy Comp. Co.

State if compressor is on same bed and geared with engine, or separate and belt-driven, ...

Describe compressor machinery, ...

Oil Engine 3283
Oil Engine 3284
Compressor 1273

FOG SIGNAL—Continued.

93. Description of fog-signal building or buildings, Brick building

94. **If a bell,** state (*a*) weight, ... lbs.; (*b*) metal, ...; (*c*) diameter, ...; (*d*) height, ...; (*e*) if struck by clockwork, state time it will run with one winding, ...; (*f*) maker and date, ...

95. **If a steam signal,** describe boiler: (*a*) type, ...; (*b*) length, ...; (*c*) diameter, ...; (*d*) horsepower, ...; (*e*) maker and date, ...

(*f*) Is there a heater? .....; what kind? .....; what size? .....; how much does its use reduce the time of starting the fog signal? .....

96. **If a steam engine is used:** (*a*) kind, ...; (*b*) number of revolutions per minute, ...; (*c*) diameter of cylinder, ...; (*d*) stroke of piston, ...; (*e*) horsepower, ...; (*f*) maker and date, ...

97. **If internal combustion engines are used:** (*a*) kind of engine, Horizontal;

Mi Engine 5266 Lu Engine 3264 Compressor 1273

(*b*) maker, Polo Yorgin Engine Company;

(*c*) date, ...; (*d*) nominal size, ...; (*e*) horse power, 17;

(*f*) fuel used, Mineral Oil; (*g*) how started, Starting Reservoir;

(*h*) kind of compressor, Horizontal; (*i*) maker and date, Berry Comp. Co.

State if compressor is on same bed and geared with engine, or separate and belt-driven, ...

Describe compressor machinery, ...

FOG SIGNAL—Continued.

98. **If whistle, trumpet, or siren,** pressure at which blown, ...

99. Diameter of whistle, ...; height, ...; distance between orifice and edge of whistle, ...; single tone, ...; chime, ...

100. **If disk or cylindrical siren,** .....; diameter of revolving part, ...; when made, ...; by whom made, ...; number, width, and length of ports, ...; revolutions per minute, ...; type of governor, ...; condition of revolving part, ...

.....

101. **If Daboll trumpet:** Class, ...; reed: length, ...; breadth, ...; thickness at base, ...; thickness at tip, ...

102. **If trumpet:** Length, ...; diameters, ...; material, ...

103. Timing device, ...

104. Height of whistle or trumpet above mean high water, ...

105. Direction, *true*, in which trumpet points, ...

DWELLINGS FOR KEEPERS.

106. Location with reference to lighthouse tower, North of house

107. Coloring, Red

108. Materials of which built, Bricks

109. Number of rooms in each dwelling, 10

110. Number of keepers and assistants to each dwelling, One keeper and two assistants

111. Outhouses, Paint house, 3 ben houses. Barn, 3 coal houses, Signal house, privy water shed,

112. Coloring, All white except Oil house and signal house red.

113. Paths or walks on the premises, Paths

114. Area susceptible of profitable cultivation, 5 acres

115. Area cultivated or prepared for cultivation, One acre

FOG SIGNAL—Continued.

98. **If whistle, trumpet, or siren,** pressure at which blown, ...

99. Diameter of whistle, ...; height, ...; distance between orifice and edge of whistle, ...; single tone, ...; chime, ...

100. **If disk or cylindrical siren,** .....; diameter of revolving part, ...; when made, ...; by whom made, ...; number, width, and length of ports, ...; revolutions per minute, ...; type of governor, ... ; condition of revolving part, ...

.....

101. **If Daboll trumpet:** Class, ...; reed: length, ...; breadth, ...; thickness at base, ...; thickness at tip, ...

102. **If trumpet:** Length, ...; diameters, ...; material, ...

103. Timing device, ...

104. Height of whistle or trumpet above mean high water, ...

105. Direction, *true*, in which trumpet points, ...

DWELLINGS FOR KEEPERS.

106. Location with reference to lighthouse tower, ~~North of house~~

107. Coloring, Red

108. Materials of which built, ~~Bricks~~

109. Number of rooms in each dwelling, 10

110. Number of keepers and assistants to each dwelling, ~~One keeper and two assistants~~

111. Outhouses, ~~Paint house, 3 hen houses. Barn, 3 coal houses, Signal house, privy wagon shed.~~

112. Coloring, ~~All white except Oil house and Signal house red.~~

113. Paths or walks on the premises, ~~Paths~~

114. Area susceptible of profitable cultivation, ~~5 acres~~

115. Area cultivated or prepared for cultivation, ~~One acre~~

DWELLINGS FOR KEEPERS—Continued.

116. Character of adjacent surrounding country—Soil, sandy, clay, marsh, swamp, wood, fast ground, or shifting sands, Soil

117. Furnish following data for stoves, kitchen sink, sink pump, and lamps in quarters:

Articles.	Keeper.	1st Assistant Keeper.	2d Assistant Keeper.	3d Assistant Keeper.
Stove, maker,	Stoves are personal property of the keepers.			
Stove, size,				
Sink, maker,	———			
Sink, size,	24 x 30 x 6	24 x 30 x 6	24 x 15 x 6 24 x 15 x 6	
Pump, maker,	Douglas	Douglas	Douglas	
Pump, size,	#2	#2	#2	
Lamps. (Give name, number, and make of all lamps in such set of quarters.)	2 hand 1 table General Depot 3 glass hand.	1 table General Depot 4 glass hand lamps.	1 table 1 hand General Depot 1 glass hand.	

WATER FOR FOG SIGNAL, DRINKING, ETC.

118. How procured, Rain from roof of dwelling

119. Quality, Good

120. Quantity ample or not for the station at all seasons of the year, Ample

121. Liable or not to be injured by the inroads of storm tides and seas No

122. If rain water in tanks or cisterns, what precautions have been taken to insure its purity? Occasional cleaning.

123. Capacity of tanks or cisterns, and where placed, Cont liner.

124. Tanks or cisterns—Of what material made, Brick

DWELLINGS FOR KEEPERS—Continued.

116. Character of adjacent surrounding country—Soil, sandy, clay, marsh, swamp, wood, fast ground, or shifting sands, Sand

117. Furnish following data for stoves, kitchen sink, sink pump, and lamps in quarters:

Articles.	Keeper.	1st Assistant Keeper.	2d Assistant Keeper.	3d Assistant Keeper.
Stove, maker,	Stoves are personal prop[illegible] of the keepers.			
Stove, size,				
Sink, maker,	———			
Sink, size,	24 x 20 x 6	24 x 20 x 6	24 x 15 x 6 24 x 20 x 6	
Pump, maker,	Douglas	Douglas	Douglas	
Pump, size,	#2	#2	#2	
LAMPS. (Give name, number, and make of all lamps in such set of quarters.)	2 hand 1 table General Depot 3 glass hand.	1 table General Depot 4 glass hand lamps.	1 table 1 hand General Depot 1 glass hand.	

WATER FOR FOG SIGNAL, DRINKING, ETC.

118. How procured, Rain from roof of dwelling

119. Quality, Good

120. Quantity ample or not for the station at all seasons of the year, Ample

121. Liable or not to be injured by the inroads of storm tides and seas No

122. If rain water in tanks or cisterns, what precautions have been taken to insure its purity? Occasional cleaning.

123. Capacity of tanks or cisterns, and where placed, Cont. Iron.

124. Tanks or cisterns—Of what material made, Brick

WATER FOR FOG SIGNAL, DRINKING, ETC.—Continued.

125. Is there a distilling apparatus at the station? No

Name of maker and date, ;

capacity, ; when installed, ; condition, ;

efficiency,

126. If from a well, describe and give depth,

127. Diameter, ; lined or not,

128. Water obtained by pump or bucket,

129. Distance from keeper's dwelling,

HEALTHFULNESS OF STATION.

130. General opinion in regard to the healthfulness of the light station and vicinity, Healthy

131. Diseases—What are most prevalent at the station and in the vicinity? None

132. Do they prevail at particular seasons of the year, or not? No

133. Are there any local causes, such as swamps, marshes, etc., in the immediate vicinity of the lighthouse which are likely to be the cause of these diseases? No

134. Would draining or other artificial means employed on the lighthouse premises be likely to improve the sanitary condition of the light station? No

BOATS.

135. Furnish following data for each boat at station: None

Number.	Type.	Length.	Width.	When Built.	Date Received at Station.	Is Boat Fitted with Sails?	Suited to Work Performed.

WATER FOR FOG SIGNAL, DRINKING, ETC.—Continued.

125. Is there a distilling apparatus at the station? No

Name of maker and date, ;

capacity, ; when installed, ; condition, ;

efficiency,

126. If from a well, describe and give depth,

127. Diameter, ; lined or not,

128. Water obtained by pump or bucket,

129. Distance from keeper's dwelling,

HEALTHFULNESS OF STATION.

130. General opinion in regard to the healthfulness of the light station and vicinity, Healthy

131. Diseases—What are most prevalent at the station and in the vicinity? None

132. Do they prevail at particular seasons of the year, or not? No

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134. Would draining or other artificial means employed on the lighthouse premises be likely to improve the sanitary condition of the light station? No

BOATS.

135. Furnish following data for each boat at station: None

Number.	Type.	Length.	Width.	When Built.	Date Received at Station.	Is Boat Fitted with Sails?	Suited to Work Performed.

BOATS—Continued.

136. **If power boat,** kind of engine, ----------; horsepower, ----------;
maker of engine, shop number, and date, ----------
(*a*) type, size, number, and maker's name of spare coil, ----------
----
(*b*) type, size, number, and maker's name of magneto, ----------
----
(*c*) type and number of batteries, ----------
(*d*) propeller wheel, diameter, ----------; pitch, ----------
137. Where are boats kept at station? ----------

LANDING, WHARF, BOATHOUSE, AND ROAD TO THE LIGHTHOUSE.

138. Description, ----------

----
139. Distance and direction of landing from lighthouse, ----------
----
140. Hoisting engine, what kind? ----------;
diameter of cylinder, ----------; number of revolutions per minute, ----------;
stroke, ----------; kind of boiler, ----------;
maker and date, ----------
141. General Remarks: ----------

BOATS—Continued.

136. **If power boat,** kind of engine, ----------; horsepower, ----------;
maker of engine, shop number, and date, ----------
(*a*) type, size, number, and maker's name of spare coil, ----------
----
(*b*) type, size, number, and maker's name of magneto, ----------
----
(*c*) type and number of batteries, ----------
(*d*) propeller wheel, diameter, ----------; pitch, ----------
137. Where are boats kept at station? ----------

LANDING, WHARF, BOATHOUSE, AND ROAD TO THE LIGHTHOUSE.

138. Description, ----------

----
139. Distance and direction of landing from lighthouse, ----------
----
140. Hoisting engine, what kind? ----------;
diameter of cylinder, ----------; number of revolutions per minute, ----------;
stroke, ----------; kind of boiler, ----------;
maker and date, ----------
141. General Remarks: ----------

