

San Francisco, Calif.,

9 October, 1940.

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From: Lieutenant Commander S. B. Johnson, U. S. Coast Guard,
San Francisco District Office.

To: Commander, San Francisco District.

Subject: Board of Inspection and Survey of Light Stations;
Report for Point Pinos Light Station.

Reference: (a) Commander, San Francisco District letter,
21 March, 1940 (680).

Inclosure: (1) Eight photographic prints of subject Station.

1. In accordance with instructions contained in reference (a), the Board, consisting of myself as president, and of Acting Superintendent O. L. Jenkins, U. S. Coast Guard, and District Civil Engineer F. W. Decker, U. S. Coast Guard, as additional members, met at Point Pinos Light Station at 9:00 A.M., September 25, 1940, for the purpose of making an inspection and survey of subject Station.

2. The following is a report of findings and recommendations:

POINT PINOS LIGHT STATION

LOCATION: On Point Pinos, southerly side of entrance to Monterey Bay, Monterey County, California; 1 mile to post office at City of Pacific Grove, and 4 miles to City of Monterey.
Station established 1855.

PERSONNEL: Present complement consists of:

Keeper, Thomas Henderson, with 15 years 5 months' service, 2 years 9 months spent at this Station; and
1st Assistant Keeper, George W. Peterson, with 15 years 5 months' service, 1 year 3 months served at Point Pinos.

RESERVATION: Approximately ⁴⁷52 acres; fenced in; has fairly uniform slope to shore line from Station building grounds, which are approximately 45 feet above and 500 yards westerly from the water. Beach largely of reef and ledge rock. Yard areas, approximately 1/3-acre for Keepers; 1 acre for Light and adjacent buildings; and Fog Signal site, 40' x 50', are all fenced in. Keeper's and Fog Signal yards, rectangular; 1st Assistant Keeper's, circular. Both yards well landscaped

RESERVATION: (Continued)

with lawns, flowers, and shrubs. Light Tower yard, additionally with cypress hedges, and trees. Ice plant covers Fog Signal yard and borders road to Light Tower yard.

Balance of reservation, except for a small, marshy area caused by seepage, some distance northerly of Keeper's Quarters, is of sandy soil, with shifting dunes westerly towards beach. Scattered lupine, wild grass patches, and clumps of cypress and pine, the main vegetation. A grove of pine and cypress extends along southerly side of reservation.

BUILDINGS: Quarters for Keeper - 1-story, with stucco walls; Spanish tile roof. Foundations, main and cross walls, of concrete. Sills and lower end studs, etc., creosote painted for termites protection. Contains 3 bedrooms, bath and toilet, living and dining rooms (with archway between), and kitchen; also, service porch or laundry, off kitchen, with side entrance. Interior plastered throughout. All floors hardwood, except kitchen, laundry, and toilet, which have inlaid linoleum over T.G. subflooring.

An 8' x 9' basement, easterly side of building, with outside steps and entry way, is used for fuel and stores. Walls, floors, steps, etc. of concrete, with iron-pipe rail along exposed side and end of entry and stairs.

Quarters, constructed 1938, modern and in very good condition.

Kitchen range and fireplace, in living room, provide heat. Coal fuel.

Quarters for 1st Assistant Keeper, and Light Tower - Main or original portion, built around Light Tower, is 1½-story, with full basement beneath, glassed-in front porch, and a 1-story addition at rear or easterly side. Structure located approximately 200 feet southeasterly of Keeper's Quarters. Walls and foundations of stone; roof, of asbestos shingles.

Upstairs contains 2 bedrooms with a dormer in easterly slope of roof, for each room, and small watch room in front center of building; all opening on second-floor landing, off Tower stairs. Floors, plastered walls, and room windows renewed in 1938. Fireplace in north bedroom and lavatory in south bedroom. Downstairs contains bedroom (with fireplace), living room, and small vestibule, between entrance porch and Tower stairs. Walls and ceilings plastered; double wood floors.

Frame addition, with concrete foundations, siding exterior, and redwood shingle roof, repaired in 1938 on account of termite damage, has entrance at southeasterly end, with stone steps to basement and 4 wood steps up to kitchen and bathroom floor level. Porch ceiled with beaverboard; kitchen and bath, latter contain-

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BUILDINGS: (Continued)

ing hot-water storage tank, finished with T.G. ceiling. Basement has 2 rooms, divided by Tower. Southerly section, with wood linoleum-covered top floor, and 2 laundry trays and range, formerly used by 1st Assistant Keeper prior to completion of new Quarters for Keeper. Northerly room, cement paved, used for stores.

Light Tower structure, square, 10' x 10', from footings beneath cellar floor, which is paved with brick inside Tower base to second floor; thence circular to lantern; extends about 5 feet above ridge of main building roof. Built of cut stone to first floor; balance of brick, except top 4 feet or so, which is of reinforced concrete. Interior of tower, circular above first floor. Circular wooden stairway with hand rail set on solid ceiled rail wall, inside Tower, from first floor to second landing, with wood ladder above to lantern floor.

10-sided lantern, deck, outside gallery and rails, of iron. Rails repaired 2 years ago. Stone chimneys, with terra cotta caps, one each end main building, and outside metal flue for kitchen.

Coal used for kitchen range and fireplaces noted; also, for heater in living room.

Condition of structure, good, generally.

Oil Building - 10' x 12', located about 80 feet just inside yard fence and about 80 feet southeasterly of Quarters and Light, is of cement-plastered brick (outside), with concrete slab floor and foundations. Roof of wood sheathing, metal covered; iron door; wood shelving inside.

Termites working in roof rafters and ceiling joists. Otherwise, condition of building, good.

Cottage (spare sleeping quarters) - 12' x 14'; located 30 feet northerly of Oil House; has brick foundation walls, vertical battened siding, shingled roof; wood floor; walls whitewashed. Small heater connected to outside terra cotta flue.

Condition, fair.

Fuel and Wash Building - 12' x 34', with toilet in northerly end, fuel room northerly end, and two laundry trays and sink in southerly end, with locker room between, located about 12 feet westerly from, and directly opposite, the Cottage. Construction similar to that of Cottage.

Condition, very poor.

BUILDINGS: (Continued)

Barn - Located 250 to 300 feet southerly of Light. Frame, with whitewashed vertical board and batten walls; wood underpinning, plank floors, and shingle roof. Northerly portion, a shed addition, used by Assistant Keeper for garage and shop; southerly portion, by Keeper.

Condition, very poor.

Fog Signal Building, or Tower - $\frac{1}{2}$ mile or so northerly of Light, sits about 20 feet from edge of low bank above beach. Frame structure, 8' x 8' at base; rustic walls; concrete pier foundations. Flat roof, covered with roofing felt. Framing lumber, creosote painted. Built 1938.

Condition, good, except needs painting.

MISCELLANEOUS STRUCTURES:

Fences - White-painted paling fence inclosing Keeper's yard, and whitewashed board fence, together with cypress hedge, around Assistant Keeper's grounds. A 3-barbed wire fence, with top rail, runs from easterly line fence (along Pacific Grove Drive) around northerly sides of Keeper's yard, northerly of driveway, and around northerly and westerly sides of grounds and Light to southerly line fence. Woven wire fence, wood posts, 3 barbed wires at top, around Fog Signal site.

Reservation lines fenced with heavy diamond-mesh wire fencing, 6 feet high, built about 1927 by the County, in consideration for certain road rights-of-way secured from the Government.

A whitewashed paling fence incloses an old corral, southerly of barn; chicken wire fences around poultry yard and old henhouse, westerly of same.

Condition of standard wire fences, good, except need painting; of other fences, fair to good.

Walks - Good concrete walk from easterly and southerly yard gates to Keeper's dwelling entrances. Cement and brick walk around Assistant Keeper's Quarters, to outbuildings, and to yard fence gates.

Cement paving between old Fuel and Cottage Buildings and at northerly side of former, badly cracked. Also, cement walk to southerly gate, poor condition.

Roads - Pacific Grove Drive, from Pacific Grove, runs along easterly side of and through reservation, along the shore, past Fog Signal to Scenic Drive, southerly. Station road from Pacific Grove runs past Keeper's grounds, encircles those of Assistant Keeper, and extends to Barn. Old entrance extends southerly from point on present road, at southerly end of Station grounds, to above Pacific Grove Drive.

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MISCELLANEOUS STRUCTURES: Roads (Continued)

Road gravelled; marked along sides with whitewashed boulders.

Condition, good.

Flag Pole - 40', wood, surmounted by ball and eagle, some distance northerly of Light.

Condition, fair.

UTILITIES: Electric Current - Furnished by P.G.&E.Co.; 4400-volt, 3-phase, 60-cycle, to transformer poles near south end of Light yard and at Fog Signal station; 110 volts for lighting, 220 for compressor motor. Underground wiring in conduit from transformer poles to the two Quarters and to Fog Signal Building.

Telephone - Outside, in each Quarters. Underground wiring from end of telephone-pole line, near transformer pole (P.G.&E.).

Water - Through approximately 1,000 feet of 2" water supply line from Monterey County Water Works Co. main to Light Station and hydrants. A 1½" branch, from above 2" pipe, supplies Keeper's Quarters and yard.

Pressure, during test made at time of inspection, inadequate.

FIRE PROTECTION:

Extinguishers - Two only - one in rear entry of Assistant Keeper's Quarters and one in Barn (corner Assistant Keeper's Garage); both 2½-gallon "Paragon", charged December 11, 1939.

Fire Hose - 50 feet of 2" at Barn, in box; 100 feet of 2" in Oil Building. Eight hose bibbs, ¾", around yard fence, Keeper's Quarters; a 1" hose bibb at southeasterly corner of Barn.

All hose rotted and unfit for use.

Fire Hydrants - One in yard southeasterly of Assistant Keeper's Quarters and one about 20 feet southeasterly from northerly end of Barn; both 2-inch.

In Keeper's yard, ¾" hose bibbs only - two along each side fence.

GASOLINE AND OIL STORAGE:

Gasoline - Two 5-gallon cans in Oil House.

Kerosene - One 60-gallon drum in Oil House.

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MECHANICAL EQUIPMENT:

At Light Tower - 3rd Order, Occ.W., electric, 29,000-candlepower, operated by "Telecron" flashing device, in Watch Room. (all electric).

Fog Signal Building - Diaphragm type; two 12" air horns sound simultaneously; Clark-Cooper Co. of Philadelphia. Standby electric siren operated by 10-h.p., 220-volt, 60-cycle, 3-phase U. S. Induction Motor, Type F.H.U., 3,000-r.p.m., Serial #32166. Motor on top of Fog Signal Building under canvas.

Air Compressor - Worthington Feather Valve, size 6½ x 6½ x 4, Serial #39377, belt driven by a 15-h.p., 230-460 volt, 60 cycle, 3-phase U. S. Induction Motor, Type E.G., Serial #F-2622, full load speed 1735 r.p.m.

Air Receiver - At northerly outside of building, 48" x 96", 100 cubic foot capacity, on steel legs. Bolted to concrete base block.

GENERAL RECOMMENDATIONS

Buildings and standard wire fences, in particular, should be painted.

Improve fire-protection system by first providing larger supply line to Station site, replacing present 2" fire hydrants with 1½", and installing additional fire hydrants - one at northerly side of Assistant Keeper's Quarters and two in Keeper's grounds.

Provide standard, new 1½" hose and fittings for all hydrants.

Provide standard "Lux" fire extinguishers, 6 in all - one each floor for Assistant Keeper's Quarters, and one each for Keeper's Quarters, Fog Signal, Barn, and Fuel House.

Provide commercial gas for fuel for kitchen ranges, etc., Keeper's Quarters.

Eliminate old Barn, Fuel House, and cottage, and provide suitable general-equipment building (combination Garage, Shop Building, etc.) located along road, for the convenience of Station personnel.


S. B. JOHNSON.

O. L. JENKINS.

FRANK W. DECKER.