Whitehead

3rd order 4/5th lens in central belt, 11 prisms, 10 panels [?], full lens above. No prisms below central belt. The 5th panel in central belt, in rear [?] is open.

Lantern: black, 10 sides, 2 panes in each (one above the other). Door to lantern like Owl's Head.

Tower: Is conical, granite (grey). Covered way, frame (which should be ceiled), whitewashed, 30 feet long, connected with kitchen end of dwelling west of tower.

Dwelling: 1½ story. Lower story is rough stone, whitewashed. House faces south. ½ story above is frame, painted white with a wing on the North side, ½ story frame, painted white. Cellar and cistern, square, brick, under main portion of house. Cistern entirely too small, holds only 100 gallons; a larger one should be provided. 13 good-sized rooms in quarters, including kitchen. 2 steam whistles, 10-inch each, stand South by W. of West end of dwelling. One nearest to house (North signal) is of stone, whitewashed (rough building) which has Hadley's Boiler and engine in it. The bell is badly cracked perpendicularly and should be renewed at once. The signal stands about 65 feet from house. The other Signal, Staples Patent engine, etc. is situated South by E. of the 1st, 35 feet, is frame, whitewashed. Coal bin attached to each on their West sides. A new stack is needed to South signal, also a furnace door to boiler and jacket for same (covering). Cistern under ground, S.W. of North Signal 10 feet, which supplies the boilers. A bell on a low frame (8 feet from ground) stands N.N.W. of North Signal 30 feet. This bell is frequently heard, so Steamer boatmen say, while the whistles cannot be. An old fisherman says eddys of wind interfere with the whistles, more particularly from S.W. to W. of signals. On coming from the westward the Signal is heard from 5 to 7 miles distinctly and up to within 2 or 3 miles of it. Then it is lost until they have the Signal bearing North, and this is in the neighborhood of South breaker, which is 1½ miles south of the Signal. The fog winds, though light, prevail from the Southward and Eastward. Keeper, who for 14 years was on Matinicus Rock and at Fog Signal on Matinicus rock 5 years of that time, S.E.18 nautical miles of this station, says he heard the signal at this head distinctly when the wind was from N.E. to East, and at no other time could it be heard.

Immediately North of the signals and West of Dwelling is a line of ledge E. and W. Of high irregular (rocky) formation which may cause with the structures, eddy currents around the Signals. It may be the signals are too high, there being no sea or surf in fogs. It would be advisable to lower one and try the experiment. It would be a good idea to insert in Light

House List [that] vessels when they lose the sound of these Signals, to send a lookout aloft, and perhaps it would be heard. Try it anyhow.

Close to the water and south of South Signal is a hooped wooden tank, whitewashed, which has been used with salt water in it when the fresh water gave out. No probability of its ever being used again. Plank walk to Signals from dwelling. Privy stands W.N.W. of house 100 feet, is frame and whitewashed.

Landing wharf at North side of head. At the inner end is a coal-house and boat-house, both whitewashed. Boat not suitable; a change should be made. By the road, wharf is about 600 yards from tower.

Reservation: about 10 acres, but not inclosed. A fence (running across) should be put up. The land is rocky with rank spruce and alder undergrowth. Probably 3 to 5 acres could be cultivated, if enclosed. 1/8 of an acre Keeper has inclosed and has a garden in it. Station is in the hands of a new Keeper and shows signs of great improvement in cleanliness and efficiency. This is such a foggy region and the labor unusually great. A 2nd assistant should be allowed.