Office of Light-House Inspector
FIRST DISTRICT,
Portland, Me., May 10th, 1872

Sir:

On the 8th of March a communication from Major Elliot, Engineer Secretary was addressed to me forwarding petitions from ship owners & citizens requesting that a Light may be placed at Goldsboro' Harbor, and also upon Two Bush Island at the entrance of Penobscot Bay —

An earlier reply has not been given because I have not had until now the time to inquire thoroughly in the expediency of these lights —

Goldsbrough harbor is a very good one when one inside, but it is difficult of entrance, and therefore rarely used as a harbor of refuge, & the place itself has no trade outside of fishing interest.

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— To the main, & the fact that Sheep
Harbor (marked with a light) is close at hand
I do not consider a light for Goldsboro' har-
bor essential.

In regard to a light upon (two bush island
there is some diversity of opinion between my-
self & Gen: Deane, & I have therefore examined
carefully the subject before fully authorised
in forming an opinion. The island (two bush)
(though not with a name) will be found upon
the Coast Survey chart of Muscle Ridge Shoals
No. 312, and is the one through the eastern side
of which passes the meridian of 69°. 04', and the
parallel of 43°. 58' passes about the eighth of
a mile north of it.

The passage between two bush and the
reef to the south of it called the Triangle
(which is not buoyed) is the natural through-
fare for all vessels bound to the Fox Islands,
and to the Eastward through the various passages

of these islands. The Grand entrance to these islands have averaged large dimensions a gentleman of Rockland having informed me that he had cleared for his company alone 3000 vessels last month.

Though the shorter, wider & more accessible route, it has not been as much used as the Muscle ridge Channel, for the reason that Bush island is low, though bold on the South side, is surrounded by ledges on the east side upon which several vessels have been lost, & again the passage to the South is bounded by the dreaded Triangles.

With a light upon the bush, vessels of the leaving Monhegan could steer for White Head light till they shut Herring Gut light in by Mosquito island, & then they would have a clear way through the two bush passage which they can approach close to on the South side. The distance is one mile longer

than by the Moose Ridge channel, but even for these places it would be come the favorable way, on account of its being a clear way when a light is placed upon it.

Upon these grounds I am of the opinion that a light upon two bush Island would be of great assistance to the coasting interest of Maine.

Tenants Harbor is at present but little frequented, Seal harbor being considered much more preferable. A small light similar to that upon Portland Breakwater would be sufficient for this point, and its apparatus could be used for two bush Island should it eventually be considered by the Board desirable to place a light upon this point.

Very respectfully
Your Ob't Serv't
Thos. J. Lee Bridge
Lt. Inspector 1st Dist

Professor
Joseph Henry
Chairman L. H. Board.

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