

be dispensed with. There is also a buoy required on a sunken ledge in North-West Harbour. The chain of No. 20 buoy broke, and the buoy was lost in June last, but was replaced with a new one at once. The buoy on the Little White Horse (No. 19) was carried away in July last, but was again secured; after being scraped and painted is now ready to be replaced. The delay has been caused by not being able to get a vessel to lighter it off. The buoy at Beaver Harbour, (No. 26) was carried away, and will have to be replaced by a new one. The above buoys have all been down five years, with the exception of No. 19, and the iron-work completely worn out.

#### ST. CROIX RIVER.

On the above river there will be three new buoys required, one on the upper St. Croix having been lost, and two near Doucet Island being worn out. I would also advise that a buoy be placed to show the end of the bar which makes off Mascarine Point, in L'Etete Passage, and also one on the half tide ledge situate opposite, in the passage, as both of these are dangers which require to be carefully avoided, as they are directly in the channel and have caused much damage. Also that the spar buoys at present in Bliss and Beaver Harbours, and on the ledge inside of the White Horse be replaced by much larger ones, as the present ones cannot be seen far enough to avoid danger.

#### SHEMOGUE.

After the buoys were placed the sea carried away the black buoy and red buoy. Mr. John Avard, the harbour master, had them picked up and replaced at a cost of \$10.

#### ST. ANDREWS.

Two days after the buoys were placed, some unknown schooner struck and carried away one which has been replaced. There are two buoys, No 1 and No. 4, which require to be new as the old ones are getting water logged. With reference to two upright beacons on the washway, they are difficult to secure. I had replaced one, but in two days it was destroyed by a schooner running against it; I had to replace it by another; I got it done as reasonably as possible; I am trying to discover the vessel. The buoys and beacons are all in position.

Copy of a letter from A. McQuin, dated 11th October.

#### SHEDIAC BUOYS.

The gale of Friday, 9th October, carried away the buoy on the Zephyr Rock, the chain parted in the centre; it drifted to the Borchus shore, leaving about three fathoms of chain attached to the rock by which it was buoyed. I have had it brought here to the wharf, and, as soon as the weather will permit, I will have it replaced in its proper place again; I have had considerable trouble with them this season on account of the leakage in them which is caused by the worms eating the wood. I think that it would be desirable to have them another year sheathed with zinc or copper on the underneath part, for I have had to have the water drawn off several times this season.

#### SHEPODY RIVER.

The buoys were placed in their positions on the 1st May last. The harbour master reports that there are three more required for the safe navigation of the above river.

In concluding my Report for the past year, I beg to append the Report of Mr. James Mitchell, the Superintendent of Lights on the north shore and east coast of the Province, also under the supervision of this branch of the Department.

I have the honor to be, Sir,

Your most obedient servant,

(Signed) J. H. HARDING.

Sir ALBERT J. SMITH,  
Minister of Marine and Fisheries, &c.,  
Ottawa.