

APPENDIX.

HOOPER'S STRAITS, *Page 230*.—A buoy painted red, with a white band near the top of the spar, has been placed near the surken wreck of a collier, in the entrance of Hooper's Straits, (Chesapeake Bay,) which is a dangerous impediment to vessels entering the straits from the northward. The buoy is placed in seventeen feet water, seven yards from the bow of the wreck, with the following bearings, by compass:

Light Ship in Hooper's Straits, E. by S.
Tom's Point, N. $\frac{1}{2}$ W.

Vessels should pass to the westward of the buoy, and approach it no nearer than thirty yards.

A similar buoy has been placed on Belvidere Knoll, S. E. from the Bodkin, (Chesapeake Bay,) and east of the Swash Channel, into Patapsco River, (Baltimore entrance,) with the following bearings, by compass:

Bodkin's Lighthouse, N. W. $\frac{1}{2}$ N.
Sandy Point, S. $\frac{1}{2}$ W.

CAPE HATTERAS, *Page 236*.—A Bell Beacon, 40 feet long, has been moored S. S. E. $\frac{1}{2}$ E. $7\frac{1}{2}$ miles distant from Cape Hatteras Lighthouse. It is in 4 fathoms water, inside the outer shoals.

There is a Red Buoy on the North-western point of the Diamond, in 4 fathoms. BULL'S BAY, *Page 240*.—Fixed Light.—Bring the lighthouse on the N. E. of Bull's Island to bear N. W. $\frac{1}{2}$ W. by compass, and run for it until over the bar, then follow the beach round by the lead, until the point of the island gives you a harbor. This course will give you not less than 9 feet at the bar at low tide: rise of tide about 6 feet.

Page 259.—A Coral Shoal, having on it 14 feet, has been found, bearing from Bush Key Light, E. S. E. distance 12 to 14 miles.

CARYSFORT REEF LIGHT, *Page 262*, is a Fixed Light, 106 feet high, is on the Eastern edge of the reef in long. $80^{\circ} 12' W.$, lat. $25^{\circ} 14' N.$

The Light Ship is removed.
PALACHICOLA, *Pages 237, 270*.—Dog Island, Cape St. George and Cape St. Blas Light Houses are all swept, we suppose blown down. No arrangements for substitutes as yet.

CHANDELEUR ISLAND, *Page 274*.—The lighthouse has been blown down. TURKS ISLAND LIGHT, *Page 313*.—A white light, revolving every 27 seconds, with a continued dim light between the interval of the strong flashes, has been exhibited on the north point of the Grand Turk.

The Tower, which is painted white, and 60 feet high, is situated 400 yards S. $50^{\circ} W.$ of the extremity of the point in

Latitude, $21^{\circ} 31' 0'' N.$
Longitude $71^{\circ} 7' 40'' W.$

with the centre of the lamps 110 feet above the mean level of the sea. The light is visible from all points of the horizon, except between the following bearings, when it is eclipsed by the Cays lying to the southward of the Grand Turk.

Light eclipsed between N. 21° W. Magnetic.	} Variation $1^{\circ} 45'$ easterly.
Do do do N. 16 W. do	
Do do do N. 8 W. do	
Do do do N. 8 E. do	
Do do do N. 13 E. do	
Do do do N. 21 E. do	

In clear weather, the dim light between the flashes can be seen distinctly at the distance of 7 miles.

With a clear atmosphere, the flash is visible, with the eye elevated 10 feet, 15 naut. miles.

	20 " 16
	40 " 18
	80 " 21

Caution to avoid dangers off Cape Comete, East Caicos.—Vessels running for the Turks Islands Passage from the northward must endeavor to make the light on a bearing to the westward of south, as its range does not extend sufficiently far to guard against the dangers lying off Cape Comete, East Caicos.

Caution to avoid N. E. Reef, Grand Turk, Turks Islands.—A reef runs off from the north point of Grand Turk, its extreme bears from the light N. E. (magnetic) distance 3 miles, and from thence extends southerly and runs parallel with the east side of the Cay at the distance of two miles; consequently, vessels on making the light between the bearings of S. W. and west, should (if intending to take the Turks Island Passage) be careful to avoid this danger.

On the bearing of south the light may be safely approached to within two miles, and have the Passage open.

This light cannot be seen from the dangers at the southern entrance of the Turks Islands Passage.