

of light as now established differ somewhat in their extent from those previously described in the above-mentioned preliminary notice.

The light is shown from a post, situated near the extremity of the North Pier.

Approximate position, lat.  $55^{\circ} 27' 15''$  N., long.  $12^{\circ} 12' 10''$  E.

This light will be exhibited all the year round, except when the harbour is blocked by ice.

[Variation  $11^{\circ}$  Westerly in 1894.]

This Notice affects the following Admiralty Chart:—The Sound, No. 2115. Also, List of Lights, Part II, 1894, No. 481; Danish Pilot, 1885, pages 167, 53; and Supplement, 1892, relating to Danish Pilot, page 82.

#### No. 523.—EAST INDIES, AUSTRALIA, AND PACIFIC STATIONS.

##### AUSTRALIA—SOUTH COAST.—PORT PHILLIP—WEST CHANNEL.

*Intended Withdrawal of Swanspit Light-vessel and Establishment of Gas Buoys, &c.*

THE Victorian Government has given notice, that on and after the 10th of October, 1894, Swanspit Light-vessel will be removed; and replaced by a gas buoy painted black, showing a red occulting light, giving six to eight flashes and eclipses every minute.

No. 2 (Royal George Shoal) red perch buoy will be withdrawn and replaced by a gas buoy painted red, showing a white occulting light, giving six to eight flashes and eclipses every minute.

No. 8 red buoy will be shifted to a position N.  $21^{\circ}$  E.  $5\frac{1}{2}$  cables from the position it now occupies.

No. 10 red buoy will be withdrawn, and not replaced until further notice.

No. 12 gas buoy will be shifted to a position S.  $42^{\circ}$  W.  $4\frac{1}{2}$  cables from the position it now occupies.

No. 14 red buoy will be shifted to a position S.  $55^{\circ}$  W.  $3\frac{1}{2}$  cables from the position it now occupies.

[Variation  $8^{\circ}$  Easterly in 1894.]

Approximate position, Swanspit Buoy, latitude  $38^{\circ} 15\frac{1}{2}'$  S., longitude  $144^{\circ} 42\frac{1}{2}'$  E.

This Notice affects the following Admiralty Charts:—West Approach to Bass Strait, No. 1063; Bass Strait, Sheet 1, No. 1695; Port Phillip, 1171a; Entrance to Port Phillip, No. 2747a. Also, Light List, Part V, No. 661; Australia Directory, Vol. I, 1884, pages 313-314, 322-324, and revised Supplement to the Directory, dated 1889, page 60.

#### No. 524.—NORTH AMERICA AND WEST INDIES STATION.

##### UNITED STATES—EAST COAST. CHESAPEAKE BAY.

*Intended Fog Signal at Wolf Trap Spit.*

WITH reference to Notice to Mariners, No. 494 of 1894:—

The United States Government has given further notice, dated 13th September, 1894, that should the fog trumpet at the Wolf Trap Light-house not be ready at the date mentioned, viz.: the end of September, a bell will be struck by hand a single blow about every ten seconds during thick or foggy weather, until the trumpet is ready.

Approximate position, lat.  $37^{\circ} 23\frac{1}{2}'$  N., long.  $76^{\circ} 11'$  W.

#### No. 525.—CHANNEL AND WESTERN, AND ALL FOREIGN STATIONS.

##### PORTUGAL—WEST AND SOUTH COASTS.

(1.) *Cape Roca—Intended Alteration in Character of Light.*

THE Portuguese Government has given notice, that on the 15th October, 1894, the following alteration will be made in the light at Cape Roca:—

The light, revolving white, at present shown will be discontinued, and in lieu thereof a new light will be exhibited from a tower recently erected at a position 40 feet south of the old tower.

The light will be a quick flashing white light, elevated 532 feet above the sea, and visible in clear weather from a distance of 19 miles.

The lighthouse is 64 feet high.

The light apparatus is catadioptric or by lenses and reflectors, and the illumination will at first be by mineral oil lamps; later on the light will be an electric light.

Approximate position, lat.  $38^{\circ} 46' 50''$  N., long.  $9^{\circ} 29' 45''$  W.

CAUTION.—Owing to the great height of this light it is liable to be shrouded in mist, and consequently may not be visible under certain conditions of wind and weather.

(2.) *Faro Approach—Leading Lights at Culatra Island.*

With reference to Notice to Mariners, No. 663 of 1893, the Portuguese Government has given notice that two leading lights therein mentioned were discontinued on the 6th September, and that the following new lights are exhibited from iron posts, painted red, on Culatra Island:—

(1.) A fixed white light, elevated 23 feet above the sea and visible seven miles, is exhibited from a position N.  $69^{\circ}$  E., one and one third miles from the lighthouse on Cape St. Mary. By day a triangle point upwards and painted red is shown in place of this light.

(2.) A fixed red light, elevated 35 feet and visible five miles, is exhibited at a position North 136 yards from light (No. 1). By day a triangle point downwards and painted red is shown in the place of the light.

(3.) A fixed green light, elevated 24 feet above the sea and visible three miles, is exhibited from a position N.  $30^{\circ}$  E., 720 yards from the light (1). By day a disc painted red is shown in the place of this light.

Approximate position, Cape St. Mary Light, lat.  $36^{\circ} 58' 15''$  N., long.  $7^{\circ} 50'$  W.

These lights, taken in conjunction with the light on Cape St. Mary, and with the lights at Olhas, lead over the bar and through the channel.

CAUTION.—As the bar is subject to change, Mariners should not enter without a pilot.

[Variation  $17^{\circ}$  Westerly in 1894.]

This Notice affects the following Admiralty Chart:—North Atlantic, Eastern part, No. 2060a; British Islands to the Mediterranean, No. 1; Strait of Gibraltar to River Gambia, No. 1226; Cape Finisterre to Cape St. Vincent, No. 87; (1) and (2) Cape St. Vincent to Strait of Gibraltar, No. 92. Also, List of Lights, Part III, 1894, Nos. 447 and 459a; and Sailing Directions for the West Coasts of France, Spain, and Portugal, 1891, pages 354 and 377.

#### No. 526.—ALL STATIONS.

ENGLAND—EAST COAST.—RIVER MEDWAY.  
*Temporary Obstruction of a Portion of the River for Purpose of Experiment.*

NOTICE is hereby given, that about the middle