

No. 53.—CHINA, AUSTRALIA, AND PACIFIC STATIONS.

EASTERN ARCHIPELAGO.—MADURA STRAIT.
Non-Existence of Sunken Rock Southward of Sapudi Island.

WITH reference to Notice to Mariners, No. 581 of 1890, on the reported existence of a sunken rock lying southward of Sapudi Island, northern shore of Madura Strait, in approximately lat. $7^{\circ} 10' S.$, long. $114^{\circ} 19' E.$, but which was not placed on the Admiralty Charts:—

The Government of Batavia has given further notice, dated 8th September, 1890, that the Commander of H.N.M. surveying-vessel, "Banda," has made an examination of the locality southward of Sapudi Island, but that no indication of the danger was found.

Consequent on this examination, the rock will not be placed on the charts.

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941*b*; Sapudi Strait, on sheet of plans, No. 934.

No. 54.—PACIFIC STATION.

NORTH AMERICA—WEST COAST.

VANCOUVER ISLAND—JOHNSTONE STRAIT.

Chatham Point—Sunken Rock Reported Northward of Beaver Rock.

INFORMATION has been received from Mr. J. T. Walbran, commanding the Canadian Pacific Navigation Company's steamship "Danube," that on 7th December, 1890, when rounding Chatham Point, south shore of Johnstone Strait, at the distance of about 4 cables and at low tide, Beaver Rock and the kelp patch outside it showing above water, a small patch of kelp was seen farther northward, and the ship passed close outside a rock, visible in clear water, and on which the depth was estimated to be 15 feet. This rock is stated to lie with Beaver Rock S.W. $\frac{1}{2}$ S., distant about 2 cables, and the east extreme of Chatham Point S. $\frac{3}{4}$ E., or close south-eastward of the 18 fathoms heretofore shown on the Admiralty Chart.

Approximate position, lat. $50^{\circ} 20' 40'' N.$, long. $125^{\circ} 28' 25'' W.$

Consequent on the foregoing, the danger line has been drawn round Chatham Point on the chart in a north-easterly direction at the distance of about 4 cables.

[Variation 24° Easterly in 1891.]

NOTE.—In British Columbia Pilot, page 205, eleventh line from bottom, for 3 cables read 2 cables.

This Notice affects the following Admiralty Chart:—Strait of Georgia, sheet 2, No. 580; also, British Columbia Pilot, 1888, page 205.

No. 55.—PACIFIC STATION.

NORTH AMERICA—WEST COAST.—SKEENA RIVER.

(1.) *Sunken Rocks in Port Essington.*

INFORMATION has been received from Mr. J. T. Walbran, commanding the Canadian Pacific Navigation Company's steamship "Danube," of the existence of the three undermentioned sunken rocks lying in and near the fairway in Port Essington, and which are described as dangerous, being sharp and jagged:—

1. The northern sunken rock in Port Essington, which dries 2 feet at ordinary low water, lies with Veitch Point bearing S.W. by S., distant $2\frac{1}{6}$ miles, and the north extreme of a small Island (Village Island) at the entrance to Ecstall River, S.E. $\frac{3}{4}$ E.

2. The centre sunken rock in Port Essington, which is the most dangerous as it so seldom shows,

dries one foot at low water spring tides, and lies with Veitch Point bearing S.W. $\frac{3}{4}$ S., distant $2\frac{6}{10}$ miles, and the north extreme of Village Island, S. by E. $\frac{1}{2}$ E.

3. The southern sunken rock in Port Essington, awash at ordinary low water, lies with Veitch Point bearing S.W., distant $2\frac{4}{10}$ miles, and the north extreme of Village Island S.E. $\frac{3}{4}$ E., distant 50 yards.

(2.) *North Skeena Passage Entrance. Shoal Ground South-East of Kitson Island.*

Also that shoal ground, with 6 to 8 feet on it at ordinary low water, extends about 6 cables in a south-easterly direction from the south end of Kitson Island, at the entrance to North Skeena Passage, near the outer end of this shoal ground the water deepens to 3 fathoms.

Approximate position, lat. $54^{\circ} 10\frac{1}{2}' N.$, long. $130^{\circ} 19' W.$

NOTE.—The passage between Kitson Island and Leer Point is only navigable for boats.

[Variation 27° Easterly in 1891.]

This Notice affects the following Admiralty Charts:—Queen Charlotte Islands, No. 2430; Cape Caution to Port Simpson, No. 1923*a*; Brown and Edye Passages, with continuation to Port Essington, No. 2453. Also, British Columbia Pilot, 1888, pages 406, 410.

No. 56.—CHANNEL AND WESTERN, NORTH SEA, AND BALTIC STATIONS.

ENGLAND—SOUTH COAST.

Newhaven—Alteration in the Positions of Lights at Entrance, and Increased Depths in places.

INFORMATION has been received from the Harbour Authorities at Newhaven, that the East Pier at the entrance to the harbour is completed, and that the light, fixed white, has been moved to its seaward extremity; also, that the breakwater on the western side of the entrance is completed in its distance seaward (exclusive of the head, which is in course of construction), and that the lights, fixed red, vertical, have been moved to a position 100 feet within its seaward extremity.

NOTE.—It is estimated that the works at the head of the breakwater will be completed during the summer of 1891, when the bell buoy now moored off its extremity will no longer be needed.

Also, that the depths in Newhaven, southward of the Packet Wharf (both alongside the quay and in the fairway of the channel) have been increased by dredging to an uniform depth of 10 feet. The depths also on the bar for about $1\frac{1}{2}$ cables seaward of the line joining East pier and breakwater heads, and where 8 to 11 feet have heretofore been shown on the Admiralty Plan, have been increased to 11 and 15 feet respectively.

The depths given are at low water ordinary spring tides.

This Notice affects the following Admiralty Plan:—Newhaven, No. 2154. Also, Admiralty List of Lights in the British Islands, 1890, Nos. 99, 100; and Channel Pilot, Part I, 1886, pages 252–254.

No. 57.—AUSTRALIA STATION.

NEW CALEDONIA—SOUTH-EAST COAST.

PRONY BAY—GRAND HARBOUR.

Sébert Cove—Particulars of Leading Lights, and Additional Harbour Light.

WITH reference to Notice to Mariners, No. 326 of 1890, on the exhibition of two leading lights, fixed red, in Sébert Cove, situated about three-quarters of a mile north-west of Aiguille Rock