

water reported in the former notice quoted above. The note "Less water reported (1913)" has accordingly been expunged from the charts.

CHINA, EAST COAST.—YANG-TSE-KIANG APPROACH.

SADDLE ISLANDS.—SUBMARINE BELL-BUOY WITHDRAWN.—*Position*: Lat. 30° 52' 25" N., long. 122° 40' E., on Chart No. 1602. *Description*: A buoy with submarine bell giving one double stroke every four seconds. *Charts affected*: No. 1602, Approaches to the Yang-tse-kiang. No. 1124, Southern approaches to the Yang-tse-kiang. No. 1199, Kue-shan Islands to the Yang-tse-kiang. *Publication*: China Sea Directory, Vol. v, 1912, page 349.

CHINA SEA.—LINGA ISLAND.

POLLUX ROCK.—LIGHT ESTABLISHED.—*Position*: On Pollux Rock on the site of the present white beacon, which it replaces. Lat. 0° 10' N., long. 104° 47½' E. *Abridged description*: Lt. occ. ev. 4 secs., 59 ft., vis. 12 m. (U.) *Character*: An occulting white light every four seconds—thus, light 2 secs., eclipse 2 secs. *Elevation*: 59 ft. *Visibility*: 12 miles. *Structure*: A black iron beacon. *Remarks*: The above light is unwatched.

ADMIRALTY PUBLICATIONS.

NEW CHARTS.—The undermentioned new charts, dated 4th June, 1913, have been published: (d.) New Zealand, North Island—No. 1423, Port Nicholson. (e.) New Zealand, North Island—No. 803, Lambton Harbour and Evans Bay. (f.) New Zealand, South Island—No. 2591, River Waiau to Cape Foulwind.

NEW ZEALAND.

THREE KINGS ISLANDS.—NON-EXISTENCE OF CERTAIN ISLANDS.—*Position*: (a.) To the northward of Princes Islands. Lat. 34° 10' 16" S., long. 172° 2' 55" E. *Position*: (b.) To the southward of Princes Islands. Lat. 34° 10' 42" S., long. 172° 3' 25" E. *Position*: (c.) Northward of West Island. Lat. 34° 10' 46" S., long. 172° 2' 42" E. *Remarks*: The above islands have been erased from the charts. *Note*: The positions given are those on Chart No. 1512.

AUSTRALIA.

PORT PHILLIP ENTR.—CAUTION.—The following cautionary note on the chart at the entr. to Port Phillip has been amended to read: "No vessel drawing over 30 ft. should enter Port Phillip (1913). During blasting operations mariners are cautioned to avoid the vessels employed." *Position*: Pt. Lonsdale, 38° 17½' S., 144° 37' E. July.

PORT MELBOURNE.—HOBSON BAY.—An occ. white lt., vis. 7 secs., ecl. 3 secs., elev. 32 ft., R. 10 miles, is exh. from a red pile structure surm. by a white frame lt.-h., in 37° 52' 5" S., 144° 55' 46" E., about 33 yds. 90" (N. 82' E. mag.) from the site of the St. Kilda's Bank lt.-buoy which it replaces. 2. A lt.-buoy, cyl., exh. an occ. white lt., has replaced the red conical buoy in 37° 51' 18" S., 144° 55' 48" E., on the ern. side of the 30 ft. dredged chan. July.

CITADEL ISL.—In July, 1913, a fl. white lt. every 6 secs. (U)—fl. ½ sec., ecl. 5½ secs.—elev. 380 ft., R. 15 miles, is to be exh. from a red frame lt.-h. 18 ft. high, in 39° 7' S., 146° 14½' E., on summit of the isl. This lt. will be obsc. within certain sectors to the nrd. by the Glennie and Anser groups. July.

WASHINGTON.

PUGET SOUND.—ALKI POINT LIGHT-STATION.—CHARACTERISTIC OF LIGHT CHANGED.—FOG-SIGNAL ESTABLISHED.—On 1st June, 1913, the fixed white light at Alki Point Light-station, Puget Sound, Washington, was replaced by a 4th-order flashing white light of about 200,000 candle-power, showing 1 group of 5 flashes every 10 seconds, with the eclipse between the groups about 5 seconds in duration.

The new light is exhibited 35 ft. above the water from a cylindrical lantern on an octagonal tower attached to the eastern side of a one-story fog-signal building located on the western end of Alki Point and about 50 yards 353" from the site of the old light.

On the same date a third-class reed fog-horn, which sounds 1 group of 2 blasts every 30 seconds—thus, blast 3 seconds, silent interval 6 seconds; blast 3 seconds, silent interval 18 seconds—was established at the station.

Two white frame dwellings, 17 yards apart, stand 60 yards eastward of the fog-signal building.

Approx. position: Lat. 47° 34' 34" N., long. 122° 25' 8" W.

WASHINGTON SOUND.—PATOS ISLAND LIGHT-STATION.—FOG-SIGNAL CHANGED.—On 17th June, 1913, the characteristic of the fog-signal at Patos Island Light-station, Washington Sound, was changed to sound—thus, blast 4 seconds, silent interval 16 seconds.

Approx. position: Lat. 48° 47' 21" N., long. 122° 58' 13" W.

ADMIRALTY INLET.—POINT WILSON LIGHT-STATION.—CHANGE IN LIGHT AND FOG-SIGNAL POSTPONED.—Notice is given that the intended change in the light at Point Wilson Light-station, Admiralty Inlet, Washington, will be postponed until 1st October, 1913.

About 1st September, 1913, the fog-signal will be changed from a steam whistle to a first-class air siren, which will sound 1 blast every 30 seconds—thus, blast 4 seconds, silent interval 26 seconds.

OREGON.

COLUMBIA RIVER APPROACH.—BELL-BUOY DISCONTINUED.—On 9th July, 1913, South Channel bell-buoy S.C., painted in perpendicular stripes, Columbia River entrance, Oregon, was discontinued.

Approx. position: Lat. 46° 13' N., long. 124° 7' 50" W.

MAIN CHANNEL.—BUOY TEMPORARILY WITHDRAWN.—GAS-BUOY TO BE ESTABLISHED.—Middle Ground South Side buoy 11, a first-class can, moored in the Columbia River, Oregon, was temporarily discontinued 16th June, 1913, on account of the fishing season.

About 25th August, 1913, Astoria Harbour gas-buoy 11, cylindrical, with pyramidal skeleton superstructure, showing a flashing white acetylene light every 3 seconds—thus, flash 0.3 second, eclipsed 2.7 seconds—will be established on the station.

Approx. position: Lat. 46° 11' 42" N., long. 123° 49' 30" W.

CAPE BLANCO.—ORFORD REEF GAS AND WHISTLE BUOY. SUBMARINE BELL ESTABLISHED.—On 28th June, 1913, Orford Reef gas and whistle buoy 2 O.R., sea-coast of Oregon, was replaced by a similar buoy, equipped with a submarine bell, operated by the action of the sea. Masters of vessels equipped with submarine signal receiving apparatus are requested to report regarding the efficiency of the submarine bell to the Lighthouse Inspector, Portland, Oregon.

COLUMBIA RIVER ENTRANCE.—GAS-BUOY DISCONTINUED.—BUOY ESTABLISHED.—On 10th June, 1913, Clatsop Spit gas-buoy 10, Columbia River entrance, Oregon, was permanently replaced by a first-class nun buoy numbered 10.

CHINA.

EAST COAST.—KYAUCHAU BAY.—TSINGTAU.—INFORMATION CONCERNING RADIO-TELEGRAPH SERVICE.—TIME-SIGNAL CHANGED.—The German Government has given notice that the signals from the radio-telegraph station on Diederichs Hill, Tsingtau, east coast of China, have been changed as follows:—

Weather reports are made in connection with the news service at 2.30 p.m. and 1.30 a.m. daily, standard mean time (120th meridian).

Time signals are given daily at noon and 8h. 0m. 0s. p.m. standard mean time (120th meridian), corresponding to 16h. 0m. 0s. and noon Greenwich mean time, respectively, in the following manner:—

57m. 00s. to 50s. xxx tuning.	59m. 08s. to 09s. —
57m. 55s. to 56s. —	59m. 10s. .
57m. 57s. to 58s. —	59m. 16s. to 17s. —
57m. 59s. to 60s. —	59m. 18s. to 19s. —
58m. 08s. to 09s. —	59m. 20s. .
58m. 10s. .	59m. 26s. to 27s. —
58m. 18s. to 19s. —	59m. 28s. to 29s. —
58m. 20s. .	59m. 30s. .
58m. 28s. to 29s. —	59m. 36s. to 37s. —
58m. 30s. .	59m. 38s. to 39s. —
58m. 38s. to 39s. —	59m. 40s. .
58m. 40s. .	59m. 46s. to 47s. —
58m. 48s. to 49s. —	59m. 48s. to 49s. —
58m. 50s. .	59m. 50s. .
58m. 55s. to 56s. .	59m. 55s. to 56s. —
58m. 57s. to 58s. —	59m. 57s. to 58s. —
58m. 59s. to 60s. —	59m. 59s. to 60s. —
59m. 06s. to 07s. —	

The duration of each dot is 0.25 second and each dash 1 second.

Approx. position: Lat. 36° 4' N., long. 120° 19' 17" E.

YANGTZE RIVER APPROACH.—SHAWEISHAN LIGHT-STATION.—NEW LIGHT TO BE ESTABLISHED.—PROVISIONAL LIGHTS TO BE WITHDRAWN.—The Chinese Government has given further notice that about 15th July, 1913, a 2nd-order flashing white light, showing 2 flashes in quick succession every 15 seconds, would be established at Shaweishan Light-station, Yangtze River approach, China, and the provisional lights temporarily marking the station would be withdrawn.

The new light has a luminous power of approximately 400,000 candles.

Approx. position: Lat. 31° 25' 22" N., long. 122° 13' 50" E.

JAVA.

NORTH COAST.—BATAVIA ROADSTEAD.—LIGHT-BUOY RE-ESTABLISHED.—The Netherlands Government has given