Notice to Mariners.-No. 6 of 1919.

OAMARU HARBOUR.—DREDGING.—TEMPORARY BUOY.

Marine Department,
Wellington, N.Z., 14th February, 1919.

THE Oamaru Harbour Board have notified that on and after the 12th February, 1919, a block hours will be a block beautiful. after the 12th February, 1919, a black buoy will be moored at a distance of one cable 50½° E.N.E. (magnetic) from the end of the breakwater.

Charts, &c., affected.—Admiralty Charts Nos. 2532 and 3629; "New Zealand Pilot," eighth edition, Chapter viii, page 248; "New Zealand Nautical Almanac," page 356.

B. W. MILLIER, For Secretary.

Notice to Mariners.—No. 7 of 1919.

Marine Department,
Wellington, N.Z., 18th February, 1919.

THE following Notices to Mariners, which have been received from the Hydrographic Office, London; the Hydrographic Office, Washington; the Department of Ports and Harbours, Melbourne: and the Harbours Board Offices, Adelaide, are published for general information.

GEORGE ALLPORT,

Secretary.

## ENGLAND.

EAST COAST.—RIVER THAMES APPROACH.—KENTISH KNOCK LIGHT-VESSEL.—LIGHT EXTINGUISHED.

Position.—Lat. 51° 39′ N., long. 1° 401′ E. Details.—The light of this light-vessel is extinguished, and a note "Extinguished (1918)" is to be inserted against it on the

RIVER THAMES ENTRANCE.—BLACK DEEP.—LIGHT-VESSELS ESTABLISHED.

(1.) Position.—Lat. 51° 42′ 00″ N., long. 1° 28′ 00″ E. Characteristics of light-vessel:

(a.) Light:

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Abridged Description.—Lt. fl., gn., ev. 30 secs., vis. 3 m.

Character.—A flashing green light every thirty seconds.

(b.) Fog-signal:

Description.—A fog-horn giving one blast of six seconds' duration every minute.

emarks.—Should the light-vessel be out of position she will, in thick weather, sound three blasts each of two seconds' duration every minute in lieu of the above signal.

(2.) Position.—Lat. 51° 39′ 00″ N., long. 1° 23′ 40″ E.

Characteristics of light-vessel:

Abridged Description.—Lt. fl., red, ev. 15 sees., vis. 5 m. Character. —A flashing red light every fifteen seconds.

(1.) Broadstairs Knolls.—Light-buoy established SOUTH-EASTWARD OF.

Position.—At a distance of about 3½ miles south-eastward of Ramsgate East Pierhead. Lat. 51° 20′ 00″ N., long. 1° 30′ 30″ E.

-A black can light-buoy, exhibiting a group flashing red light showing two flashes every ten seconds.

(2.) Dover.—Light-buoy established South-EASTWARD OF.

Position.—At a distance of about 4½ miles south-eastward of Dover Harbour. Lat. 51° 5′ 00″ N., long. 1° 26′ 50″ E. Description.—A black conical light-buoy numbered "4," exhibiting an occulting white light every ten seconds.

(3.) Folkstone.—Light-buoy Southward of, replaced by Buoy.

Position.—At a distance of about 5 miles southward of Folkstone Pierhead and about half a mile south-westward of the wreek, over which there is a depth of 5 fathoms. Lat.

50° 59¾′ N., long. 1° 10¼′ E.

Details.—The light-buoy with flashing green light has been replaced by a green conical buoy.

THE WASH.--LYNN WELL LIGHT-VESSEL.--POSITION AND CHARACTERISTICS.

Position.—At a distance of 4 miles and 2 cables,  $126^\circ$  (S.  $39^\circ$  E. mag.), from Wainfleet Coastguard Life-saving Station. Lat.  $53^\circ$   $3\frac{1}{2}'$  N., long.  $0^\circ$   $24\frac{2}{4}'$  E.

Characteristics of light-vessel:

(a.) Light:

Character.—A flashing white light every ten seconds.

Elevation.—36 ft.

Visibility.—11 miles.

(b.) Fog-signal:

Description.—A reed horn worked by hand, giving two blasts (about four seconds each) in quick succession every two minutes.

(c.) Vessel:

Description.—Has two cones points together at the masthead; hull is painted red, marked"Lynn Well" on sides.
Variation.—15° W.

## HARWICH APPROACH.

(1.) Rough Shoals.—Wreck-marking Light-vessel established.

Position.—Lat. 51° 54′ 48" N., long. 1° 31′ 34" E.

exhibiting a revolving red light every twenty seconds.

Abridged Description.— Lt. rev., red, ev. 20 secs.

Description.—A wreck-marking light-vessel showing the regulation black balls by day and white lights by night, and

(2.) Sunk Light-vessel.—Light extinguished.

 $\begin{array}{c} Position.{\bf --Lat.}~51^\circ~52^{4\prime}_4~N., long.~1^\circ~37^\prime~E.\\ Details.{\bf --The~light~of~the~above~light-vessel~is~extinguished,}\\ {\rm and~a~note~"Extinguished,~1918,"~is~to~be~inserted~on~the} \end{array}$ charts.

-The above light may be exhibited if required for special purposes.

SOUTH COAST.

Royal Sovereign Shoals Buoy.—Alteration in Position.

New Position.—At a distance of about 2 cables we stward from former charted position. Lat.  $50^\circ$  44' 18" N., long.  $0^\circ$  25' 49" E.

-A can buoy painted in black and white vertical stripes, with staff and cage

Dungeness, Beachy Head, and St. Anthony Point Lights .-Correction to certain Charts.

Position.—Dungeness Lighthouse, lat. 50° 54¾′ N., long. 0° 58¾′ E. Beachy Head Lighthouse, lat. 50° 44′ N., long. 0° 14¾′ E. St. Anthony Point Lighthouse, lat. 50° 8½′ N., long. 5° 1′ W.

Details.—The lights at the above lighthouses, which have been re-exhibited, are still marked "Extinguished" on some copies of the charts. The note "Extinguished" is to be

expunged.

Dungeness Light-vessel.—To be removed.

Position.—At a distance of about 1¼ miles southward of Dungeness. Lat. 50° 53½ N., long. 0° 58¾ E. Details.—The light-vessel will be removed shortly. Remarks.—No further notice will be given. Note.—The light-vessel is to be expunged from the charts.

Royal Sovereign Light-vessel.—Alteration in Description of Light-buoy marking Wreck Southward of.

Position .- On the northern side of the wreck situated at

rosmon.—On the northern side of the wreck situated at a distance of about 1½ miles southward from the Royal Sovereign Light-vessel. Lat. 50° 41½′ N., long. 0° 27½′ E. Alberation.—The can light-buoy, painted in black and white vertical stripes, formerly exhibiting a flashing white light has been replaced by a wreck-marking light-buoy painted green, exhibiting a flashing green light every ten seconds.

## IRELAND.

WEST COAST.—BROAD HAVEN BAY.—EAGLE ISLAND LIGHT-HOUSE.—FOG-SIGNAL ESTABLISHED.

Position.—Lat. 54° 17′ N., long. 10° 5½′ W.

Description.—An explosive fog-signal giving one report every two minutes; by night each report is accompanied by a brilliant flash.

## CANADA.

NOVA SCOTIA, SOUTH COAST.

 $Halifax\ Approach. --Bell-buoy\ replaced\ by\ Light-and-Bell$ Buoy.

Position.—In the fairway, at a distance of about 3 cables westward from Neverfail Shoal. Lat.  $44^{\circ}~33_4^{\prime}'$  N., long.

63° 314′ W.

Details.—The bell-buoy has been replaced by a light-andbell buoy, painted in black and white vertical stripes, exhibiting an occulting white light.