

dredger lies sunk in the channel of Liffey River, in 17 feet at low water, with the new lighthouse on North Bank (below Pigeon House Fort) bearing N.N.E., distant about 350 feet.

The wreck is nearly covered at high water, but a white light will be shown over it at night.

NOTE.—Vessels navigating the river near the wreck should use caution, keeping on the northern side of mid-channel until clear of it.

Immediate steps will be taken to have the wreck removed.

[The bearings are magnetic. Variation (1) $18\frac{3}{4}^{\circ}$, (2) 22° . Westerly in 1883.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
3rd November, 1883.

This Notice temporarily affects the following Admiralty Plans:—

(1.) Humber River Entrance with plan of Hull Road, No. 109. Also, North Sea Pilot, Part III, 1882, page 111.

(2.) Dublin Bar and Liffey River, No. 1447. Also, Sailing Directions for the Coast of Ireland, Part I, 1877, pages 106, 107.

NOTICE TO MARINERS.

(No. 333.)—KOREA—SOUTH-EAST COAST.

Rock North-Eastward of Tikhmenef Point.

INFORMATION has been received from Lieutenant and Commander Lindsay, H.M.S. "Vigilant," of the existence of a dangerous rock lying with Tikhmenef Point bearing S. 20° W., distant 5 miles, and about 2 miles from the nearest shore.

When seen from the "Vigilant" in passing the rock was nearly awash, and the sea was breaking on it.

Position approximate, lat. $35^{\circ} 34' N.$, long $129^{\circ} 34' E.$

[The bearing is magnetic. Variation $4\frac{3}{4}^{\circ}$ Westerly in 1883.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer
Hydrographic Office, Admiralty, London,
5th November, 1883.

This Notice affects the following Admiralty Chart:—Japan and part of the Korea, No. 2347. Also, China Sea Directory, Vol. IV, 1873, page 77.

NOTICE TO MARINERS.

(No. 334.)—AFRICA—WEST COAST.

GRAND BASSA.

Sunken Rock in Waterhouse Bay.

INFORMATION has been received from the African Steamship Company, Liverpool, of the existence of a sunken rock in the anchorage of Waterhouse Bay, situated about 9 cables north-westward of Yellow Will Reef.

This rock on which the British steam vessel "Ambriz" struck in 1882, has a depth of $3\frac{1}{2}$ fathoms on it at low water, and lies with the following mark and bearings:—

Tobocannee Trees well open westward of
Dhouat Rocks.

Edina, N. 28° E.

Grand Bassa Town, N. 49° E.

Fish Town, S. 56° E.

NOTE.—A cask buoy, painted black, was placed on this rock by the Commander of the British steam vessel "Winnebaw," in February, 1883.

[The bearings are magnetic. Variation $20\frac{1}{4}^{\circ}$ Westerly in 1883.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
5th November, 1883.

This Notice affects the following Admiralty Chart:—Cape Mesurado to Baffou Bay, with plan of Edina and Grand Bassa, No. 1364. Also, Africa Pilot, Part I, 1880, page 214.

NOTICE TO MARINERS.

(No. 335.)—ENGLAND—EAST COAST.

YARMOUTH AND LOWESTOFT.

Alterations in Buoyage.

THE Trinity House, London, has given notice, dated 26th October, 1883, that in consequence of the sands in the vicinity of Yarmouth and Lowestoft Roads having shifted, the following alterations have been made in the buoyage:—

West Cockle Spit Buoy has been moved 5 cables north-eastward, and now lies in 15 feet, with—

Martham Church in line with the sandy patch in the cliff, N.W. by W.

St. Nicholas Church, Yarmouth, just open westward of Caister Village, S.S.W.

Cockle Light-vessel, E. by S. $\frac{1}{4}$ S., distant $1\frac{2}{10}$ ths miles.

North Caister Buoy has been moved $2\frac{1}{2}$ cables S. by E., and now lies in 9 fathoms, with—

Scraby Houses, their breadth northward of Hemsby Church, N.W. $\frac{1}{2}$ N., Nly.

The silk factory chimney open eastward of the rifle butts on Yarmouth North Denes, S.S.W. $\frac{3}{4}$ W.

Cockle Light-vessel, N.E. $\frac{3}{4}$ N., distant $1\frac{4}{10}$ ths miles.

Caister Elbow Buoy (formerly Middle Caister) has been removed $2\frac{1}{2}$ cables S. $\frac{1}{4}$ E., and now lies in 10 fathoms, with—

The highest and northernmost tree at Caister Vicarage in line with a rise in the cliff, W. $\frac{1}{4}$ N.

Southtown High Mill, its breadth southward of the Mill on Yarmouth North Denes, S.W., Sly.

Middle Scroby Buoy, East, Nly., distant $\frac{1}{10}$ ths of a mile.

Middle Caister Buoy (formerly Caister Elbow) has been moved $2\frac{1}{2}$ cables S.S.W. $\frac{3}{4}$ W., and now lies in 8 fathoms, with—

East Caister Church, one-third from the Look-out towards Caister Mill, N.W. by W. $\frac{1}{4}$ W.

Southtown West Mill, just eastward of the mill on Yarmouth North Denes, S.W. $\frac{1}{2}$ W.

Middle Scroby Buoy, N.E. by E., Ely., distant $1\frac{1}{10}$ ths miles.

North-west Scroby Buoy has been moved one cable N.W. by N., and now lies in $5\frac{1}{2}$ fathoms.

Scroby Elbow Buoy has been moved 3 cables N.E., and now lies in $5\frac{1}{2}$ fathoms, with—

Caister Mill in line with the chancel end of East Caister Church, N.W. $\frac{1}{2}$ W., Wly.

Southtown High Mill, its breadth southward of St. Nicholas Church Tower, S.W. by W. $\frac{3}{4}$ W.

Caister Elbow Buoy, N. by W., Nly., distant $1\frac{2}{10}$ ths miles.

West Scroby Buoy has been moved to a position midway between Scroby Elbow and S.W. Scroby Buoy, and now lies in 6 fathoms, with—

East Caister Church Tower, half its breadth westward of the Water Works Column, N.N.W. $\frac{1}{2}$ W., Wly.

The Roman Catholic Church Tower, twice its breadth southward of the Aquarium, at Yarmouth, W. by S.

Scroby Elbow Buoy, N. by E. $\frac{3}{4}$ E., distant one mile.