

EXPLANATION
OF THE
ACCOMPANYING DRAWING
OF THE
“**BELL BUOY,**”
INVENTED by Lieut. **MORRISON, R.N.**

The idea of a BUOY, to be placed on the confines of the sands at the entrance to the Mersey, with a Bell or Bells to be attached thereto, to warn vessels from approaching too near to those dangerous sands, first occurred to the inventor about twenty-four years ago; who brought the invention before the Liverpool Dock Committee; which body caused a Bell Buoy to be moored off those sands; and the result has been, that numerous vessels have since been enabled on hearing the Bell to avoid running on to those sands, and suffering shipwreck accordingly.

The object now in view is to induce the Government to cause such Buoys to be moored around the Goodwin Sands (and other dangerous places), that the captains of vessels which may be approaching those dangerous sands without being aware of their danger, may hear the Bells and alter their courses in time to avoid the melancholy and fatal result of running on to those sands; where *numerous lives* are lost every year, and vast amounts of valuable property utterly destroyed.

The sketch herewith given shews the Bell Buoy as it will appear when floating in a calm and slack tide, which may be seen in the *upper* part of the drawing. The Bells are attached to strong iron supports, and hang free, so that a very trifling motion will set them ringing.

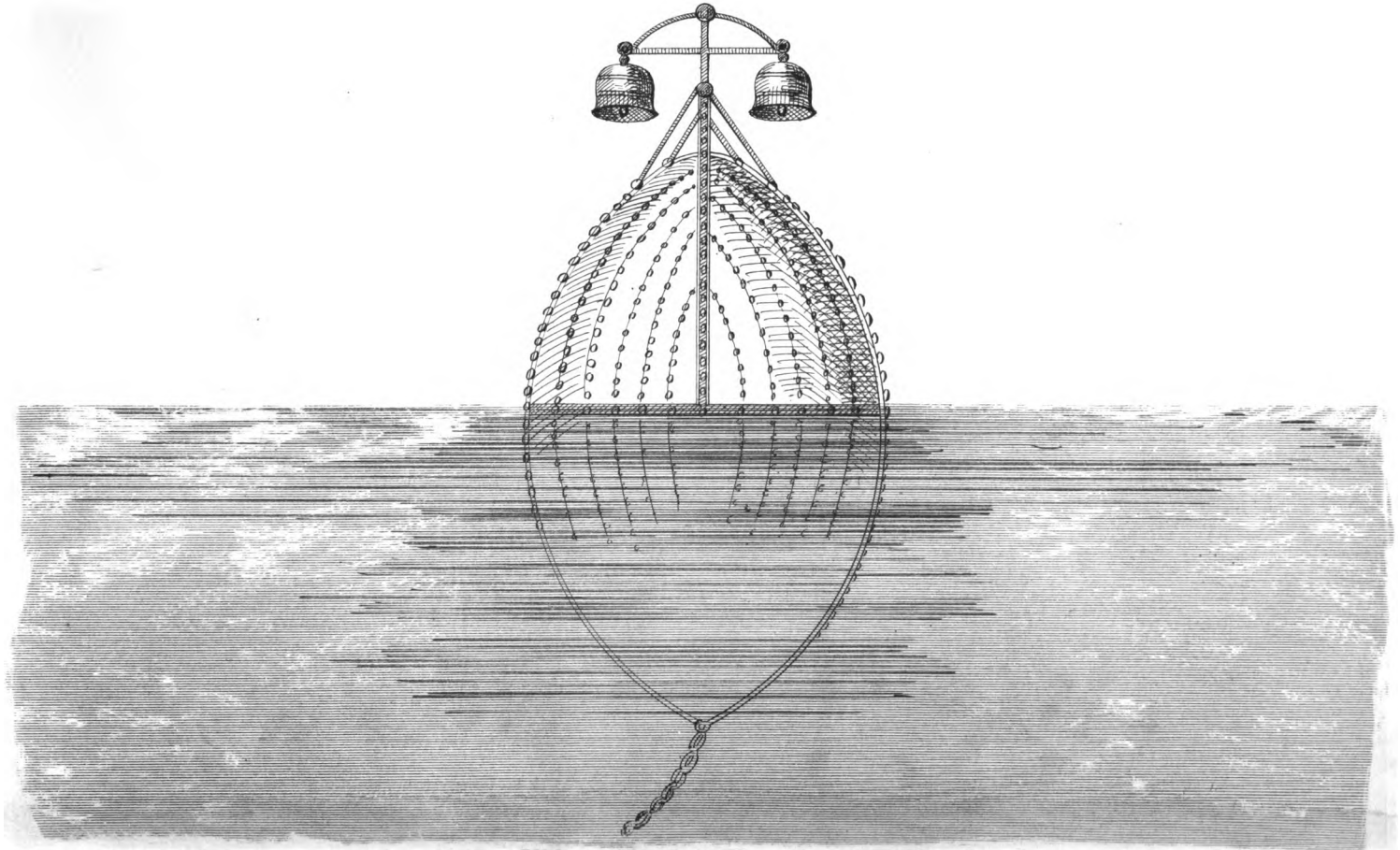
The *lower* part of the drawing describes the same Buoy in a gale of wind, and with a strong tide running. The motion of the water striking upon the Buoy will, of course, keep the Bells almost constantly ringing. And as it is precisely at night, and in stormy and thick weather, that vessels are in danger of running on to the Goodwin and Long Sands, &c. it may be fairly expected that, if such provision for their safety as these Bell Buoys will afford be made, the number of wrecks and loss of life and property will be greatly diminished, if not wholly prevented.

The friends of humanity and the commercial community will, it is to be hoped, assist in bringing about this desirable object. The inventor, having taken no patent, has no personal interest in the matter; but will be happy to communicate with any individuals who may desire to assist therein. Address Lieut. MORRISON, R.N., No. 17, Surry Street, Strand, London, W.C.

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LIEUT. MORRISON'S "BELL BUOY" AT REST.



THE "BELL BUOY" IN ACTION.

