

ABSTRACT

The invention relates to a device for recovering a vessel (N) at sea from a surface station (H), the recovery device comprising:

- 5 - a cradle (B) intended to support the vessel (N),
- a lifting device (LEV) comprising an upper frame (CS) and a set of hangers (11, 12, 13, 14, 15, 16) connecting the cradle (B) to the upper frame (CS), lengths of the hangers being variable so as to make it possible to hoist and lower the cradle (B),
- a first stabilizing hanger (15) and a second stabilizing hanger (16) being able to be in
- 10 a stabilizing configuration in which the first stabilizing hanger (15) and the second stabilizing hanger (16) are under tension and extend linearly, and in which a first orthogonal projection of the first stabilizing hanger (15) on a transverse plane (y, z) defined by an axis z, which is linked to the upper frame (CS) and extends substantially vertically in calm seas, and by an axis y orthogonal to the axis z, and a
- 15 second orthogonal projection of the second stabilizing hanger (16) on the transverse plane are inclined with respect to one another so as to make it possible to limit swaying of the cradle (B) with respect to the upper frame (CS).

Figure for the abstract: Figure 5