

APPARATUS AND METHOD FOR LAUCHING AND LANDING OF AERIAL VEHICLES

ABSTRACT OF THE DISCLOSURE

An apparatus on a movable vessel (42) for providing a platform (20) for launching or landing of aerial vehicles comprises a base member (32) having a central axis and being adapted for mounting to a vessel, a compensating arm (30) having two ends, the first end being mounted to the base member, and the compensating arm being rotatable about the central axis of the base member, a multi-axis connector (36) adapted to be pivotably connected to the second end of the compensating arm, and a platform adapted for coupling to the multi-axis connector. The platform is capable of movement in at least two degrees of freedom and has at least one sensor to sense three-dimensional and provide instructions to orient the platform in a predetermined position or orientation.

Figure 1 accompanies the abstract.