

BUOY

ABSTRACT

A buoy includes a turret coupled to a buoyant body using a bearing assembly; a deckhouse disposed on the buoyant body; and a bearing retainer configured to retain the bearing assembly and to releasably attach to the turret. The buoy may also include a locking mechanism having an inner opening in the turret, an outer opening in the buoyant body, and a locking member configured for insertion through the inner and outer openings. In one embodiment, the inner opening is out of alignment with the outer opening during operation of the buoy. The buoy may further include a detachable cover on the deckhouse, wherein the cover is configured to attach to the bearing retainer.

FIGURE 1.