CLAIMS

1. A water-buoyant structure formed from concrete, the structure comprising an outer wall that surrounds a perimeter of the structure and an inner wall that surrounds the perimeter of the structure and is separated from the outer wall by a cavity, such that the cavity extends for the entire perimeter of the structure, the structure further comprising a base, wherein the outer wall extends to define an outer base wall of the base and the inner wall extends to define an inner base wall of the base separated from the outer base wall by the cavity, such that the cavity also extends for the entire base of the structure,

   wherein a plurality of longitudinal webs extend along and between the outer base wall and the inner base wall, to connect the outer base wall and the inner base wall and thereby divide the cavity that extends for the entire base of the structure into a plurality of elongate compartments, one or more of the plurality of compartments configured to be fluid-tight and able to be flooded with water and, optionally, emptied of that water, the elongate compartments further configured to allow controlled fluid communication between adjacent compartments.

2. A water-buoyant structure as claimed in claim 1, further comprising a plurality of transverse webs that extend between the inner wall and outer wall, the webs configured to divide the cavity into a plurality of sub-cavities.

3. A water-buoyant structure as claimed in 2, wherein one or more of the plurality of sub-cavities is configured to be made water/fluid-tight.

4. A water-buoyant structure as claimed in claim 2 or 3, wherein one or more of the sub-cavities is able to be flooded with water and, optionally, emptied of that water such as by pumping.

5. A water-buoyant structure as claimed in any one of claims 2 to 4, wherein one or more of the webs comprises a baffle, such that each sub-cavity is separated from each adjacent sub-cavity by a common baffle.

6. A water-buoyant structure as claimed in claim 5, wherein at least some of the baffles are configured to allow fluid to pass between adjacent sub-cavities.

7. A water-buoyant structure as claimed in any one of the preceding claims, wherein each of the inner and outer walls is formed from concrete, optionally reinforced concrete.

8. A water-buoyant structure as claimed in any one of the preceding claims, further comprising a basement structure, at least a portion of which locates below the waterline in use.

9. A water-buoyant structure as claimed in claim 8 further comprising a superstructure that sits above the basement structure, to locate above the waterline in use.

10. A water-buoyant structure as claimed in any one of the preceding claims, wherein the volume of the cavity or sub-cavities equates to less than half of a total volume of a basement of the structure.

11. A water-buoyant structure as claimed in any one of the preceding claims, wherein, in use, a freeboard of the structure is substantially less than a draft of the structure.