It is an object of the invention to provide an alternative vessel and/or an alternative boom construction, especially an alternative gangway construction. In embodiments, the invention aims at providing a boom construction, wherein at least one disadvantage of prior art gangway constructions and/or other prior art boom constructions is counteracted, especially wherein at least one disadvantage mentioned above is counteracted. In particular, the invention aims at providing a boom construction, such as a gangway construction, especially a motion controlled boom construction, which is relatively light weight and/or which requires relatively low energy input to operate.

Thereto, in an aspect, the invention provides a vessel provided with a boom construction, preferably a gangway construction, for transferring persons and/or cargo from said vessel to an offshore object or vice versa, wherein the boom construction comprises an elongated mast structure extending in a direction substantially upwards from a deck of said vessel, wherein said mast structure is pivotally mounted with respect to a hull of the vessel in a manner such as to be pivotable with respect to said hull about a single pivot axis only, wherein said pivot axis then may extend substantially in line with a longitudinal direction of the vessel, said boom construction further comprising a boom, preferably a gangway, connected to the mast structure and extending from the mast structure in a substantially sideward direction, said boom construction further comprising at least one actuator for pivoting the mast structure such as to compensate for at least a part of a roll movement of the hull of the vessel.

In another aspect, the invention provides a boom construction, especially a gangway construction, for transferring persons and/or cargo from a vessel to an offshore object or vice versa, the boom construction comprising an elongated mast structure arranged to be pivotable mounted with respect to a hull of a vessel, such as to be pivotable about a single pivot axis only, in a manner in which the mast structure extends in a direction

substantially upwards from a deck of said vessel, the boom construction further comprising a boom, especially a gangway, arranged for connection to the mast structure and arranged to extend from the mast structure in a substantially sideward direction during use of the boom construction, wherein the boom construction is arranged to be coupled to at least one actuator, especially a piston actuator, for pivoting the mast structure during use such as to compensate for at least a part of a roll movement of the hull of the vessel.

The invention is at least partly based on the insight that compensating the position of a mast structure only for a vessel's rolling and not for the vessel's pitching may result in a relatively simple construction, while the most critical movement of the vessel can still be compensated at least substantially. The tilting of the mast structure due to pitching of the vessel, which tilting is relatively limited with respect to potential tilting due