have a tensile strength of at least 0.5 GPa.

11. The vessel of any one of the preceding claims, wherein the polyolefin fibers have deniers in the range of from 0.5 to 20.

12. The vessel of any one of the preceding claims, wherein the polyolefin fibers are creep-optimized UHMWPE fibers obtained by spinning an UHMWPE comprising olefinic branches (OB) and having an elongational stress (ES), and a ratio $(\frac{OB/1000C}{ES})$ between the number of olefinic branches per thousand carbon atoms (OB/1000C) and the elongational stress (ES) of at least 0.2, wherein said UHMWPE fibers when subjected to a load of 600 MPa at a temperature of 70°C, have a creep lifetime of at least 90 hours, preferably of at least 100 hours.

13. The vessel of any one of the preceding claims, wherein the winch-drum has a width to create helical windings, such that in a coiled state the winch-drum comprises several layers of the first portion of the mooring line, wherein the spacing between the windings of the rope is at least 0,5 times the diameter of the first portion of the mooring line.

14. A single length mooring line comprising high strength polyolefin fibers; said single length mooring line having a first portion and a second portion; wherein the first portion of the mooring line has a first mass (M1) of polyolefin fibers per unit length and the second portion of the mooring line has a second mass (M2) of polyolefin fibers per unit length; wherein the ratio M1/M2 is greater than 1 and wherein said first portion extends continuously into said second portion through a tapered portion of the mooring line.