

English summary

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The mooring buoy

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Summary. To moor the boat at the buoy is very popular among yachtsmen. Then the bow always points against the wind and the boat floats cool. There are a lot of guidelines how to arrange it in practice. It has hardly been theoretically investigated. This study tries to find out by which force the wind pulls the boat and consequently the buoy and how the pull chain transmits this force to the buoy-load at the bottom of the sea.

Key words: wind, buoy-load, buoy-chain, catenary, buoy