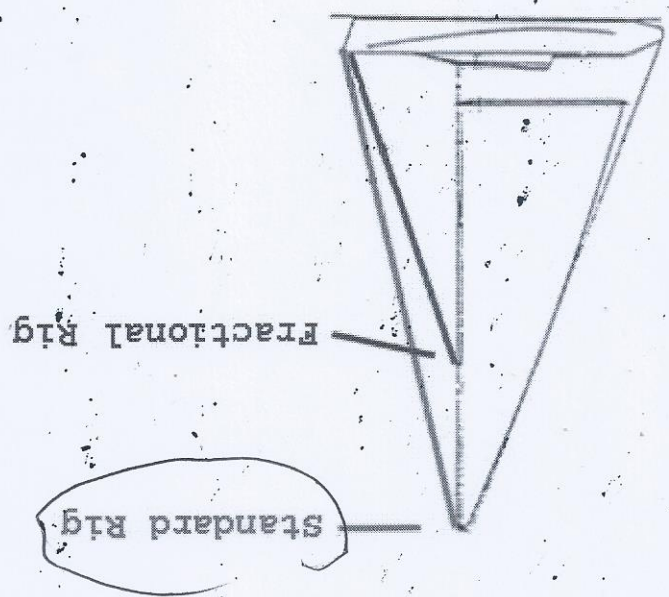


On a fractional rig sloop the forestay does not run to the top of the mast, rather it connects at some point below. This allows the top of the mast to be raked aft by increasing the tension of the back stay, while arching the middle of the mast forward. Without great explanation, this gives a performance advantage in some conditions by flattening the sails. The big mainsail provides most of the drive, and the small headsail is easier for a short-handed crew to manage.

When making Sails, a Fractional rig has different mast bend characteristics



Fractional vs Standard Rig

HH