

Table 1 - Loads in mast and shrouds

Base Design: 30 feet Length on deck, 8 tonnes displacement, keel stepped mast, 2 lower shrouds, 1 cap shroud over spreader .76m long.

	Mast Load	Mast diameter ¹	Lower Shroud load (each)	Cap shroud load
Crude Rule-of-Thumb	8 t	135mm	2.67t	2.67t
Phillips-Birt	not calculated	183mm	not calculated	not calculated
Skene (short)	6.75t	171mm	2.02t	3.03t
Skene (long)	6.62t	160 to 165mm	2.4t	2.97t
NBS ²	not calculated ³	141mm	4.49t	3.12t