



LOADS ON GROUND TACKLE



**Moderate Protection From Seas*

**Traditional Sailboat Size & Shape*

**Boat Free To Oscillate*

**In Sand*

(If any of these parameters are exceeded, increase load values by 50% or more.)

Boat Size	Wind Speed (knots)	Load on Ground Tackle
20' sailboat	15	90 lb.
30' sailboat	15	175 lb.
40' sailboat	15	300 lb.
50' sailboat	15	400 lb.
20' sailboat	30	360 lb.
30' sailboat	30	700 lb.
40' sailboat	30	1200 lb.
50' sailboat	30	1600 lb.
20' sailboat	45	720 lb.
30' sailboat	45	1400 lb.
40' sailboat	45	2400 lb.
50' sailboat	45	3600 lb.
20' sailboat	60	1440 lb.
30' sailboat	60	2800 lb.
40' sailboat	60	4800 lb.
50' sailboat	60	6400 lb.

Excerpt from the book: ***ANCHORING—A Ground Tackler's Apprentice***

***USE THIS INFORMATION TO SIZE NEW GEAR—or—TO ESTABLISH WHEN
EXISTING GEAR SHOULD BE SWITCHED TO MORE RELIABLE GEAR***

Questions, consultations, or speaking engagements concerning anchoring, or ground tackle, contact:

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