



## 505 North Sails Tuning Matrix

Updated 12/6/07

Wind knots	Headstay	mast rake forward	rake aft	shroud tension	Mast at Deck Level			West coast ram	centerboard	vertical pin
					fractional	Metric	imperial			
0-3	0 (datum)	3' 4"	25' 8"	150	- 7/8	-22	-0.875	0	max forward	
6	0	3' 4"	25' 8"	150	- 5/8	-15		1	max forward	
9	0	3' 4"	25' 8"	200	- 3/8	-10		3	perpendicular	
12	1	3' 5"	25' 6"	300	- 2/8	-6	-0.25	4	perpendicular	
15	2	3' 6"	25' 3.5"	350	- 1/8	-3		5	1/2"	no gybe
18	3	3' 7"	25' 2"	400	0	0		7	1"	no gybe
21	4	3' 8"	25' 1"	500	1/8	3		7.5	2"	up 2"
24	5	3' 9"	24' 11"	600	2/8	7		8	5"	up 2"
27	6	3' 10"	24' 8"	700	3/8	10			7"	up 3"
30	7	3' 11"	24' 6"	max	4/8	13	0.5			max up

positive is more ram down, aft  
0 is mast straight at 25'8" datum