

## Tuning Guides - Dragon On the Water

Wind (knots)	<i>Light</i> 0-5	<i>Medium</i> 6-16	<i>Heavy</i> 17+	<i>Comments/ Remarks</i>
<i>Sail Inventory</i>	<b>Mainsail:</b> A-8/A-9 <b>Genoa:</b> LJ-3/ MJ-7 <b>Spinnaker:</b> CD-5/ FK-2	<b>Mainsail:</b> A-8/A-9 <b>Genoa:</b> MJ-7/ MJ-6-H <b>Spinnaker:</b> CD-5	<b>Mainsail:</b> HM-8/A-9 <b>Genoa:</b> MJ-7/ MJ-6-H <b>Spinnaker:</b> CD-5	The sea conditions and waves can change the wind range in the sail inventory
<i>Mast Rake</i>	120,5 cm (Petticrow) 119,0 cm (BB)	121,5 cm (Petticrow) 119,0 cm (BB)	122,5 cm (Petticrow) 119,0 cm (BB)	Transfer 79 cm mark at mast from deck level to forestay. Measure along the forestay to deck level
<i>Mast Ram</i>	Mast 1,5 cm forward at deck level	Mast neutral	Mast 2,5 cm forward at deck level	If you struggle with pointing, pull the mast back
<i>Mast Position</i>	83,0 cm (Petticrow) 81,5 cm (BB)	83,0 cm (Petticrow) 81,5 cm (BB)	83,0 cm (Petticrow) 81,5 cm (BB)	Mast position is taken from station 4
<b>Jumpers (Adjustable)</b>	Loose	Mast straight	Mast straight	Make sure the mast is straight from side to side
<b>Jumpers (Fixed)</b>	Loose gauge tension 6	Loose gauge tension 6	Loose gauge tension 6	Make sure the mast is straight from side to side
<b>Upper Shrouds</b>	Loose gauge tension 14 minus 1 turn	Loose gauge tension 14	Loose gauge tension 14 plus 2 turns	Tension is taken without plastic
<b>Lower Shrouds</b>	Let the mast bend 1 cm to leeward at spreader level	Mast straight	Mast straight plus 1-1,5 so the mast bends to windward	When you set the mast straight, look up at the sail groove
<b>Backstay</b>	Little tension in the very light	Just tight to prevent the mast top from	Just tight to prevent the mast top from moving	Little tension in the very light to pre-bend the mast and open the sail

		moving in waves	in waves	If you struggle with pointing, you must pull the sheet harder
<b>Runners Distance (From tape to deck)</b>	Slack to 13 cm	From 13-5 cm	From 5-0 cm (Maximum)	The boat has to be light on the helm
<b>Mainsail</b>	Light sheeting; upper tell-tales flying straight back	Sheet until the top batten is parallel with the boom; upper telltales 25% on leeward side	Sheet until the main is flying nicely the top batten is 2 degrees twisted to leeward, telltales are flying straight back	The sail has to be flat along the boom in heavy wind
<b>Main Traveller</b>	To windward; boom on the middle	To windward; boom on the middle	On the middle and up to 15 cm to leeward	
<i>Outhaul (HM-8)</i>	3,0 cm from black band	1,5 cm from black band	All the way out to black band	If your boat don't have an adjustable tack (A-9) you can use the any small line as shown in the picture.
<i>Floating Tack &amp; Outhaul (A-9)</i>	Set the sail to be max aft (see picture), and pull the outhaul so that clew stops 2 cm from the black band at the end of the boom.	Set the tack to be 1 cm further forward than the picture below. Pull the outhaul so that clew stops on the black band at the end of the boom (max aft).	Set the tack to be 2.5cm further forward than the picture below. Pull the outhaul so that clew stops on the black band at the end of the boom (max aft)	In very heavy winds you can pull hard to move draft forward
<i>Cunningham</i>	Loose	Loose - just remove wrinkles along luff	Just remove wrinkles along luff	On the reach and run, pull till the top batten is parallel to the boom
<i>Boomvang</i>	Loose Make sure it is cleated for the sun	Loose Make sure it is cleated for the sun	Loose Make sure it is cleated for the sun	
<i>Genoa Sheet</i>	Pull until the foot just touches the shroud at deck level	Pull until the foot is touching 10 cm up at shrouds	Pull until the foot is touching 25 cm up at shrouds	
<i>Genoa Barberhaul</i>	Loose leech flying 15-18 cm from the	Pull until the leech is flying 5 cm	Pull until the leech is flying 8 cm from the spreader	

	spreader	from the spreader		Make sure that
			Just remove	the luff is NOT
	Small wrinkles		wrinkles along	over-stretched. That
<i>Genoa</i>	along the luff	Just remove	the luff	makes the boat very
<i>Hayyard</i>		wrinkles along		slow
		the luff		