

Vesper Mast Tune Record

Inshore Mast

Notes:

D measurements taken from lock nut to referenve mark on mast (including washer)
 Lock nut is 8mm
 D1 no lock nut as adjusting at deck, has grub screw to stop top turning
 D2 washers are 4mm compressed
 D3 washers are cut in half 2mm compressed
 Topmast backstay (Carbolink) lashing length 665mm???? 4 laps 8mm SK99?
 All deflector/checkstly/checkstay/checkstay lashings 120mm both ends



Date	Where/Who	Jack	Butt	Shims	V1 turnbuckle		D1 Turnbuckle		D1		D2		D3		S1		S2		S3		NOTES
					Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	
18 Sept 2018	STP/Swifty/mast out	5650	36	37.6	75	75	40	40	93	96	70	70	60	60	150	150	150	150	150	150	Boom on. Shims 10,10,7,5,3,5,3=37.6mm
Aug 2019	STP/Jamie/Mast in	5250	36	37.6	75	75	40	40	93	96	70	70	60	60	150	150	150	150	150	150	positive number means turns on, neg number means turns off
Sept 2019	St Tropez/Justin	5950	36	37.6	2	2	1	1			-0.5	-0.5	-1	-1							Check V and D turnbuckles next time rig out
Nov 2019	STP/Jamie/measured stepped	5950	36	37.6					93	94	69	70	59.5	60	150	150	150	150	150	150	Turnbuckles = number of turns up from bottomed out.
Jan 2020	S TT/Jamie/measured on ground				4.0 up	4.0 up	1.0 up	1.0 up	93	95	69	70	59	59	151.5	150.5	151.5	152	150.5	151	
1/19/20	S TT/Jamie/restep	5600	36	37.6	4.0 up	4.0 up	1.0 up	1.0 up	93	95	69	70	59	59	150	150	149.5	149.5	150	150	
8/3/20	NSY/JG/prior to launch	5650	36	37.6																	

Offshore Mast

Notes:

EC6 side rigging, Carbolink forestay
 Grub screw in D's
 D1 adjusted at S1
 Topmast backstay (Carbolink) lashing length 665mm. 4 laps 8mm SK99? See picture.
 NB: CARBON PLATE MUST BE UNDER SLIDER FOR OFFSHORE RIG
 Spreader measurements taken with steel rule along front of spreader to mast, S1 with tape measure to punch hole on centerline
 Extra 5mm shim in, total stack is 42.6mm
 All deflector/checkstly/checkstay/checkstay lashings 120mm both ends

Date	Where/Who	Jack	Butt	Shims	V1 turnbuckle		D1 Turnbuckle		D1		D2		D3		S1		S2		S3		NOTES
					Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	Port	STB	
Sept 18	Malta/Swifty	5600	36	37.6	75	75	39	39	144	144	92	91	101	101	150	150	150	150	150	150	Boom on. Initial setup in Malta.
Aug 2019	STP/Jamie/Mast out	5650	36	37.6	70.8	68.6	40	38.8	144	143	91	90	100	98	149.4	150.8	150.8	149.8	150	150	Boom off, this how Momo finished in Malta after Murray tuned it. Happy with this tune.
Aug 2020	NSY/Step/Dave M	6750	34	42.6	192	184	96	95.6	148	149	86	89	98.5	99	213.5	219	153	152	150	151	Measure butt from back of slot as per jack sequence notes. Extra shim for EC6 rigging alloy unanodized.

To Do list if ever racing with Offshore mast:

Jib Haly lock pennant - check length
 2 x reefing lock pennants
 Frac haly lock pennant
 Outhaul pennant - length check
 Deflector and Checkstay pennants replace
 Reaching Strut fittings, do they fit???
NB: Have 4 x masthead lock pennants in box
 Should theodolyte!!!