



Sydney 38 One Design

Oct-04

True Wind Speed	Headstay	Cap Shrouds	Lowers (D1)	Upper Diagonal (D2)	Headsail	Spinnaker
Base 12 knots	1620mm	53 units	5 units	21 units	Medium	2S
Thread measuremnt@base						
5 knots	-14	-2	-2	-2	Light	1S
6 Knots	-10	-2	-2	-2	Light	1S
8	-10	-1	-2	-2	Light or Medium	1S
10	-6	-1	Base	-1	Medium	1S
12	Base	Base	Base	Base	Medium	1S or 2S
14	Base	Base	Base	Base	Medium	2S
16	8	Base	Base	Base	Medium	2S
18	8	2	Base?	Base?	Heavy	2S
20	8	2	Base?	Base?	Heavy	2S
22	15?	2	Base?	Base?	#4 Headsail	2S
24	15?	2	Base?	Base?	#4 Headsail	3S
27	15?	2	Base?	Base?	#4 Headsail	3S
All measures are turns from base		Loos RT11 gauge	Loos RT11 gauge	Loos RT10 gauge		

To set headstay to correct length
 Measure from the top of the goosneck band on the mast down 1000mm and place a mark on the mast.
 Swing an arc with the jib halyard from this mark to the forstay and mark the forstay.
 Measure from this mark on forstay to center of forstay pin.
 Base measuremnt is 1620mm. Headstay pin to pin = 16520mm

MISC Notes
 -Mast Butt set to max fwd as per class rule D5.8, may not be moved during race days
 -Set Mast to Class Max "J" dimension=4.500mm
Jib Leech trim marks:
 -Lower spreader from sail groove to back of spreader = 00cm inner. =00cm outer
 -Upper spreader=00cm inner

Light air set-up:0-6
 Crew leeward/forward/below
 Headstay should have slight motion.
 Minimal in-haul
 Short wrinkles in jib luff
 Jib foot touching fwd. stanchion
 Loose lowers
 V 2 slightly loose
 Boom on center, traveller is high
 Softest battens

Light Medium set-up: 6-10
 Max crew on rail
 Minimum heel
 Main high on trav. Slight vang Outhaul on.
 Jib halyard no wrinkles.
 Inhaled slightly 10cm
 Leech telltales on mainflying 20%
 Jib flying 70% of the time.

Winds from 20-28 true:
 Rig must be set-up hard enough to prevent leeward side Uppers (Caps), Lower and upper diagonals from being loose.
 There should be some, not excessive tension on the leeward side shrouds.
 Headsail leads are at back of track.
 Outhaul is 100% maxed out.
 Backstay until the top 1/2 of main blades out and twists off.
 Sail by angle of heel
 Keep heel under 24 degrees.