

# Measurement Certificate



Sail No. **254**

Issue Date June 8, 2009

Status **Approved/Variations**

Ontario ZCWSN254H485 Colors White White None  
 Builder Serial Number Hull Deck Waterline

### Section 3: Rudder

Measurement	Min.	Max.
R3.1 HDP Rudder.....	83	76 89
R3.2 Rudder Trailing Edge Length.....	1099	1099 1111
R3.3 Rudder Leading Edge Length.....	1100	1092 1105
R3.4 Rudder Top.....	436	431 438
R3.5 Rudder Bottom.....	206	199 206
R3.6 Rudder Top Thickness.....	63	63 70
R3.7 Rudder Bottom Thickness.....	28	24 28
R3.8 Rudder Trailing Edge Thickness (P/F)..	Pass	3
R3.9 Rudder Space (P/F).....	Pass	13

(Units in mm except for weights)

### Comments

- Keel grandfathered
- Rudder grandfathered
- Requires weighing
- Correctors by factory
- Mast is certified
- Mast not measured
- Deck not measured
- Serial number missing
- Colors missing

### Section 4: Keel

R4.1 HDP Keel Top.....	2922	2925 2950
R4.2 HDP Keel Bottom.....	3035	3040 3064
R4.3 Keel Depth.....	255	230 245
R4.4 Keel Top Chord.....	1042	1025 1042
R4.5 Keel Top 10%.....	87	78 84
R4.6 Keel Top 20%.....	107	98 103
R4.7 Keel Top 40%.....	111	109 114
R4.8 Keel Top 70%.....	82	79 84
R4.9 Keel Bottom Chord.....	673	662 678
R4.10 Keel Bottom 10%.....	42	46 53
R4.11 Keel Bottom 20%.....	57	62 67
R4.12 Keel Bottom 40%.....	69	70 75
R4.13 Keel Bottom 70%.....	59	51 56
R4.14 Keel Trailing Edge Top Thick. (P/F).....	Pass	6.5
R4.15 Keel Trailing Edge Bottom (P/F).....	Pass	3.0
R4.16 Keel Trailing Edge Straight (P/F).....	Pass	P/F
R4.17 Keel Leading Edge Straight (P/F).....	Pass	P/F
R4.18 Keel Bottom Straight (P/F).....	Pass	P/F
R4.19 Keel Section Maintained (P/F).....	Pass	P/F

**Section 5: Deck**

<b>Measurement</b>	<b>Min.</b>	<b>Max.</b>
R5.1 Forestay Location (P/F).....	<b>Pass</b>	135 155
R5.2 Forestay to Chainplate (P/F).....	<b>Pass</b>	2946 2997
R5.3 Chainplate to Sheerline (P/F).....	<b>Pass</b>	152 178
R5.4 Partners (P/F).....	<b>Pass</b>	206 206
R5.5 Mast Step Thickness (P/F).....	<b>Pass</b>	17
R5.6 Mast Heel Point.....	<b>740</b>	717 740

**Sail No.****254****Version**

10/5/05

**NOTE:**

A copy of this certificate is to be held by the owner(s) of this Sonar and presented on demand as required as class sanctioned events.

If this Sonar is no longer in your possession, please provide the name and address of the new owner below and send the original copy of this certificate to the S.C.A. secretary.

**Section 6: Spars**

R6.1 Mast Length.....	<b>10300</b>	10315
R6.2 Upper Band Height (P/F).....	<b>Pass</b>	10110
R6.3 Upper Band Width (P/F).....	<b>Pass</b>	25
R6.4 Mast Fore and Aft (P/F).....	<b>Pass</b>	100 103
R6.5 Mast Transverse (P/F).....	<b>Pass</b>	66 72
R6.6 Spinnaker Hoist.....	<b>8389</b>	8389
R6.7 Forestay Height.....	<b>8230</b>	8223 8236
R6.8 Upper Shroud Height.....	<b>8230</b>	8223 8236
R6.9 Spar Curvature (P/F).....	<b>Pass</b>	50
R6.10 Spreader Height.....	<b>4570</b>	4555 4570
R6.11 Spreader Transverse Length.....	<b>1460</b>	1426 1486
R6.12 Spreader For and Aft Length.....	<b>120</b>	71 135
R6.13 Lower Shroud Height.....	<b>4440</b>	4438 4451
R6.14 Upper Spin Pole Height.....	<b>2432</b>	2432 2445
R6.15 Lower Spin Pole Height.....	<b>2050</b>	2042 2064
R6.16 Spin Pole Projection (P/F).....	<b>Pass</b>	60
R6.17 Fore and Aft Spreader section (P/F).....	<b>Pass</b>	45
R6.18 Vertical Spreader section (P/F).....	<b>Pass</b>	18
R6.19 Lower band Height (P/F).....	<b>Pass</b>	1727
R6.20 Lower Band Width. (P/F).....	<b>Pass</b>	25
R6.21 Forestay Length (P/F).....	<b>Pass</b>	7848 8001
R6.22 Forestay Diameter (P/F).....	<b>Pass</b>	3.8
R6.23 Shroud Diameter (P/F).....	<b>Pass</b>	3.8
R6.24 Backstay Diameter (P/F).....	<b>Pass</b>	3.0
R6.25 Mast Tip Weight (kg).....	<b>12</b>	10
R6.26 Boom Curvature (P/F).....	<b>Pass</b>	25
R6.27 Boom Vertical section (P/F).....	<b>Pass</b>	88 98
R6.28 Boom Transverse section (P/F).....	<b>Pass</b>	55 65
R6.29 Boom Band Width (P/F).....	<b>Pass</b>	25
R6.30 Boom Band Distance (P/F).....	<b>Pass</b>	3404
R6.31 Spin Pole Length (P/F).....	<b>Pass</b>	2597 2610
R6.32 Spin Pole Diameter (P/F).....	<b>Pass</b>	50
R6.33 Whisker Pole Length (P/F).....		3100
R6.34 Whisker Pole Diameter (P/F).....		64

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

EMAIL \_\_\_\_\_

**Section 7: Racing Weights**

R7.1 Lifting Sling Weight (P/F).....	<b>Pass</b>	3kg
R7.2 Racing Weight (kg).....	<b>962.0</b>	950kg w/correctors
R7.3 Corrector Forward (kg).....		
R7.3 Corrector Sump (kg).....		
R7.3 Corrector Aft (kg).....		