

2014 OFFSHORE RACING RULE CERTIFICATE™



YACHT NAME: **STRING THEORY**
SAIL NUMBER: CAN- 74456
ADDRESS: [REDACTED]
 Signature: _____

CERTIFICATE#: US42364 **AGE DATE:** 1/1/2001
ISSUED DATE: 5/19/2014 11:22:19 AM
YEAR VALID: 2014
CLASS: Beneteau First 47.7
BUILDER: Beneteau
OFFSETS FILE: F191 off **ABS PLAN:** Not filed
MEASUREMENT: SISTER/PARTIAL (Meters/Kilograms)
Freeboard Date: 4/12/2014
Inclining Data: Sistership Inclining
RIG TYPE: Sloop
SPNNAKER TYPE: Asym on a pole
KEEL TYPE: Fixed keel
PROP INSTALL: Out of aperture **PRD:** 0.458
PROP TYPE: Feathering 3 Blade **PBW:** 0.152

LOA	14.51	DRAFT	2.294
Rated L	13.053	ECE	0.000
BMAX	4.51	Wet AREA	42.41
Stability Index	117.6	PIPA	0.0068
LPS	112.6	VCGD	0.116
CREW	1193	VCGM	0.144
Frbd Fwd M	1.616	RM2	362.8
Frbd Aft M	1.269	RM20	332.4
SG	1.021	RM40	264.4
SFFP	0.520	RM60	177.8
SAFP	13.747	RM90	64.4
DISP Meas	12227	MWT	0.0
Water Ballast	0	MCG	0.000

Genoa/Spinnakers		Mainsail/Mast Meas.		Mizzen Meas.	
J	5.258	IG	17.249	PY	0.000
LPGenoa	149 %	ISP	17.374	EY	0.000
FSP	0.100	GO	0.000	HBV	0.000
JL	0.000	MW	0.000	MGTY	0.00
JLE	0.000	P	15.868	MGUY	0.00
JR	0.000	E	6.450	MGMY	0.00
SPL	5.490	HB	0.076	MGLY	0.00
SL	17.08	MGT	1.13	MDT1Y	0.00
SMW	9.78	MGU	2.13	MDL1Y	0.00
SF	9.21	MGM	3.81	MDT2Y	0.00
ASL	16.98	MGL	4.97	MDL2Y	0.00
AMG	6.98	MDT1	0.14	TLY	0.00
ASF	9.30	MDL1	0.26	EB	0.00
A Genoa	71.0	MDT2	0.14	YSD	0.0
A Sym	137.6	MDL2	0.20	YSF	0.0
A Asym	105.3	TL	1.68	YSMG	0.0
		MSWgt	0.0	A Mizzen	0.0
		A Main	56.3		

TABLE OF RATINGS	Time-on-Time (TOT)	Wind Speed						
		6kt	8kt	10kt	12kt	16kt	20kt	24kt
GPH: 599.9								
CLOSED COURSE:	0.926	788.1	632.1	551.6	503.6	454.1	429.5	415.2
WW 60%, LW 40%:	0.914	1082.0	855.0	731.4	653.6	572.7	538.1	522.0
WW 50%, LW 50%:	0.914	1076.4	847.0	719.8	639.7	554.8	517.7	498.8
Bermuda Course:	0.991	947.0	719.2	590.3	507.2	422.9	381.8	353.6
Ocean Non-Spin:	0.946	990.6	752.7	618.4	531.9	444.0	401.6	373.5
Offshore Offwind:	0.928	901.0	705.5	595.3	526.9	449.9	407.2	375.7

Chicago-Mackinac All-Purpose TOT	0.935	Puerto Vallarta TOT:	0.590	Acapulco	TOD	TOT
Chicago-Mackinac Offwind TOT	0.928	Cabo San Lucas TOD	544.2	WW/LW:	719.8	0.819
Pacific Cup TOD	445.0	Cabo San Lucas TOT:	0.670	Random:	599.9	0.842
Time on Distance Scoring: Corr Time = ElapsedTime - (Rating - Rating Scratch) x Distance		WW/LW5:			731.4	0.815
Time on Time Scoring: Corr Time = ElapsedTime x TOT		StatFit:			593.3	0.837