

2014 OFFSHORE RACING RULE CERTIFICATE™



YACHT NAME: ANDURIL
SAIL NUMBER: USA- 39521
ADDRESS: [REDACTED]
 Signature: _____

CERTIFICATE#: US42380 **AGE DATE:** 3/1/2001
ISSUED DATE: 5/29/2014 12:45:05 PM
YEAR VALID: 2014
CLASS: Farr 395
BUILDER: CARROLL
OFFSETS FILE: US31068B.OFF **ABS PLAN:** Not filed
MEASUREMENT: MEASURER VERIFIED (Feet/Pounds)
Freeboard Date: 4/26/2014
Inclining Data: 11/7/2007
RIG TYPE: Sloop
SPNNAKER TYPE: Asym tacked on CL
KEEL TYPE: Fixed keel
PROP INSTALL: Strutdrive **PRD:** 1.420
PROP TYPE: Folding **PBW:** 0.000

Genoa/Spinnakers		Mainsail/Mast Meas.		Mizzen Meas.	
J	14.040	IG	51.250	PY	0.000
LPGenoa	135 %	ISP	56.860	EY	0.000
FSP	0.220	GO	0.700	HB	0.000
JL	51.430	MW	0.400	MGTY	0.00
JLE	0.000	P	50.450	MGUY	0.00
JR	0.000	E	18.430	MGMY	0.00
TPS	20.420	HB	0.660	MGLY	0.00
SL	0.00	MGT	4.36	MDT1Y	0.00
SMW	0.00	MGU	7.64	MDL1Y	0.00
SF	0.00	MGM	12.61	MDT2Y	0.00
ASL	60.39	MGL	15.90	MDL2Y	0.00
AMG	36.40	MDT1	0.41	TLY	0.00
ASF	31.58	MDL1	0.67	EB	0.00
A Genoa	489.1	MDT2	0.33	YSD	0.0
A Sym	0.0	MDL2	0.44	YSF	0.0
A Asym	1783.8	TL	4.68	YSMG	0.0
		MSWgt	0.0	A Mizzen	0.0
		A Main	577.4		

LOA	39.22	DRAFT	7.843
Rated L	36.451	ECE	0.000
BMAX	12.11	Wet AREA	300.00
Stability Index	115.1	PIPA	0.0470
LPS	114.9	RMC	1069.4
CREW	1917	VCGM	0.288
Frbd Fwd M	4.436	RM2	1127.4
Frbd Aft M	3.281	RM20	991.2
SG	1.021	RM40	773.5
SFFP	2.500	RM60	525.9
SAFP	37.148	RM90	204.1
DISP Meas	12710	MWT	360.0
Water Ballast	0	MCG	18.550

TABLE OF RATINGS	Time-on-Time (TOT)	Speed						
		6kt	8kt	10kt	12kt	16kt	20kt	24kt
GPH: 564.1								
CLOSED COURSE:	0.974	681.7	573.3	521.2	490.8	457.3	435.8	420.4
WW 60%, LW 40%:	0.985	923.8	754.7	669.4	620.5	571.1	546.2	528.2
WW 50%, LW 50%:	0.987	916.7	746.1	658.5	606.7	552.3	523.4	500.9
Bermuda Course:	1.042	857.5	666.8	559.8	490.5	417.4	379.8	354.2
Ocean Non-Spin:	0.970	932.3	720.1	601.1	524.9	445.0	402.6	372.3
Offshore Offwind:	0.989	796.7	640.6	556.6	503.9	440.9	399.2	366.1

Chicago-Mackinac All-Purpose TOT	0.981	Puerto Vallarta TOT:	0.632	Acapulco	TOD	TOT
Chicago-Mackinac Offwind TOT	0.989	Cabo San Lucas TOD	508.5	WW/LW:	658.5	0.895
Pacific Cup TOD	430.5	Cabo San Lucas TOT:	0.717	Random:	564.1	0.895
Time on Distance Scoring: Corr Time = ElapsedTime - (Rating - Rating Scratch) x Distance		WW/LW5:	669.4	StatFit:	554.1	0.896
Time on Time Scoring: Corr Time = ElapsedTime x TOT						