

2015 OFFSHORE RACING RULE CERTIFICATE™



YACHT NAME: SHUANG HSI
SAIL NUMBER: USA- 176
ADDRESS: Mr. Joe Cummings
 1717 Westminster Way
 Annapolis, MD 21401 USA
ID: 731535A

Signature: _____



CERTIFICATE#: US42449 **AGE DATE:** 1/1/1988
ISSUED DATE: 3/4/2015 12:38:56 PM
YEAR VALID: 2015
CLASS:
BUILDER: TASHING
OFFSETS FILE: US18250.OFF **ABS PLAN:** Not filed
MEASUREMENT: SISTER/PARTIAL (Feet/Pounds)
Freeboard Date: Sistership freeboards
Inclining Data: 6/12/1985
RIG TYPE: Sloop
SPNNAKER TYPE: Asym tacked on CL
KEEL TYPE: Fixed keel
PROP INSTALL: In aperture **PRD:** 1.500
PROP TYPE: Solid 3 blade **PBW:** 0.000

LOA	39.95	DRAFT	5.486
Rated L	34.531	ECE	0.000
BMAX	12.92	Wet AREA	429.73
Stability Index	126.9	PIPA	0.1575
LPS	117.6	VCGD	-0.600
CREW	2212	VCGM	-0.296
Frbd Fwd M	4.570	RM2	1763.3
Frbd Aft M	3.600	RM20	1649.5
SG	1.023	RM40	1321.4
SFFP	1.550	RM60	836.6
SAFP	37.600	RM90	427.1
DISP Meas	30456	MWT	0.0
Water Ballast	0	MCG	0.000

Genoa/Spinnakers

J	21.000
LPGenoa	124 %
FSP	0.280
JL	49.700
JLE	0.000
JR	0.000
TPS	21.000
SL	0.00
SMW	0.00
SF	0.00
ASL	52.30
AMG	32.00
ASF	33.70
A Genoa	650.6
A Sym	0.0
A Asym	1409.5

Mainsail/Mast Meas.

IG	50.000
ISP	49.900
GO	1.000
MW	0.780
P	46.000
E	14.750
HB	0.460
MGT	2.90
MGU	5.30
MGM	9.20
MGL	12.20
MDT1	0.50
MDL1	0.78
MDT2	0.50
MDL2	0.78
TL	0.00
MSWgt	0.0
A Main	394.6

Mizzen Meas.

PY	0.000
EY	0.000
HBV	0.000
MGTY	0.00
MGUY	0.00
MGMY	0.00
MGLY	0.00
MDT1Y	0.00
MDL1Y	0.00
MDT2Y	0.00
MDL2Y	0.00
TLY	0.00
EB	0.00
YSD	0.0
YSF	0.0
YSMG	0.0
A Mizzen	0.0

TABLE OF RATINGS

Time-on-Time (TOT)

GPH: 728.7

		6kt	8kt	10kt	12kt	16kt	20kt	24kt
CLOSED COURSE:	0.764	965.7	766.5	667.4	611.7	548.6	520.6	507.3
WW 60%, LW 40%:	0.734	1363.9	1062.5	908.0	818.5	707.1	662.5	644.9
WW 50%, LW 50%:	0.744	1335.3	1037.3	882.3	791.6	678.3	632.5	612.6
Bermuda Course:	0.828	1152.9	867.8	707.4	603.2	501.3	457.6	432.0
Ocean Non-Spin:	0.782	1219.3	918.9	748.7	639.1	529.0	480.4	452.5
Offshore Offwind:	0.787	1066.9	832.6	702.2	621.0	531.2	484.5	452.8

Chicago-Mackinac All-Purpose TOT	0.770	Puerto Vallarta TOT:	0.502	Acapulco	TOD	TOT
Chicago-Mackinac Offwind TOT	0.787	Cabo San Lucas TOD	637.1	WW/LW:	882.3	0.668
Pacific Cup TOD	572.8	Cabo San Lucas TOT:	0.572	Random:	728.7	0.693
San Francisco Bay TOT:	0.617			WW/LW5:	908.0	0.656
				StatFit:	726.3	0.684