

WEST FLORIDA PHRF, INC

Rating Certificate Expires 07/01/2021

ID:VAN-CTL425

SATORI

SAIL # 21

CRUISER

This boat is configured for Category 1 races

OWNER: VAN EMBURG
BILL

CLUB: DIYC

ADDRESS:

HOME:

WORK:

CELL:

FAX:

FEDERAL REGISTRATION OR STATE DOCUMENT #

US SAILING #	TRUE	EXPIRES:	05/31/21	E-MAIL:	
HULL #:		TYPE/CLASS:	CATALINA 425 WK	YEAR:	2018
LOA:	43.50	LWL:	39.06	BEAM:	13.67
		DRAFT:	0.00 / 4.92	ENGINE:	IB
DISPLACEMENT:	22000	BALLAST:	7700	KEEL:	WING
		PROP:	3 BP F/F		
I:	54.06	J:	15.67	P:	52.00
		E:	18.00	ISP:	54.06
		SPL:	15.67	PY:	
		EY:			

ASY. SPIN Jc: 17.00 Ic: 54.00 SLU: 58.4 SLE: 52.9 SF: 31.2

ASMG: 30.7

MODIFICATIONS:

Max Asym Area: 1373

Reported Asym Area: 1430

Max Sym Spin Area: 1257

RATINGS:

SPINNAKER:

BASE RATING	
Over Size Head Sail Penalty	155%
Over Length SPL Adjustment	100%
Over Size Aux Asym Spin on Sym Spin Boat	
Modification Adjustment for Spin & Non Spin	
Roller Furler Main Adjustment	
Synthetic Standing Rigging Adjustment	

BUOY

RLC

OWC

111

102

102

111

102

102

0

0

0

Non-Spinnaker: include all above plus

Non-Spin Offset	
Modification Adjustment for Non Spin	
Head Sail Size Adjustment	155%
Head Stay	CLASS RF

132

123

123

21

21

21

0

0

0

Cruising Class: include all above plus

Cruise Sails Allowance	
Cruise Canvas Allowance	
Bulk Equip Allowance	
Prop Adjustemnt	3 BP F/F

154

145

145

4

4

4

15

15

15

3

3

3

CRUISING FLEET FORMULAS

SA/DISP

DWSA/DISP/LOA

DISPL/LOA

Cons. Ratio

18.2

0.89

506

352

CRUISING LIMITS

MAX 20

MAX 1.19

MIN 315

MAX 450

POCKET CRUISER LIMITS

MAX 25

MAX 1.75

MIN 92

MAX 650

Jim Mallory

Handicapper: Jim Mallory

April 12, 2021

Date

I hereby certify all methods necessary were used to determine that the above information is correct. I understand that it is my responsibility to notify West Florida PHRF, Inc. (WFPHRF) of any changes which might affect the rating of this boat. If requested, I give my permission to have a member of WFPHRF inspect this boat. The undersigned releases WFPHRF, its representatives and handicappers from all claims what so ever including, but not limited to, assignment of ratings and changes thereto. By your signature below, you have agreed to race the boat described as specified in this certificate and under the Bylaws and Class Rules of WFPHRF, and the rules in the latest edition of USSA's The Racing Rules of Sailing as modified by a race organizer.

SIGNATURE OF OWNER

Date

WEST FLORIDA PHRF, INC

VAN-CTL425

CRUISER

NAME, LAST:

VAN EMBURG

FIRST

BILL

BOAT NAME:

SATORI

SAIL#

21

Sails - Material & Age

0	Main	AGE	0	0	MATERIAL	0	WOVEN POLY
0	Jib		07/17	0		0	WOVEN POLY

4 Cruising Canvas

3	Bimini, deployed Full Time +3sec/nm	0	
1	Dodger always deployed +1sec/nm	0	

15 BULK ALLOWANCE - maximum 15 sec/nm

7 Required Equipment +3 sec/nm plus 2nd anchor

Y/N							
Y	Functioning galley with stove, cookware, eating utensils, etc						
Y	Full interior with cushions, bedding, lighting, towels, etc						
Y	Hard wired VHF Radio installed with external antenna						
Y	Minimum 6' Head Room (not required for Pocket Cruisers)						
Y	JIB	CLASS RF					
Y	MAIN	SLUGS/SLIDES					
Y	Primary Anchor	55 lbs	200	1/2	0		
			Chain Len & Size		Rode Len & Size		
4	Secondary Anchor	45	lbs	200	1/2	0	

9 Other Equipment

0	Dinghy	0	Davits (4)	0	On Deck (2)	0	Stored Below (1)
0	Dinghy Outboard	0	Stern Pulpit (2)		0	Other (1)	
0	Liferaft	0	Canister on Deck (2)		0	Other (2)	
1	Radar	0	Above Spreaders (2)		1	Other (3)	
0	Wind Generator						
0	Solar Panel						
3	Generator - Permanent (2)		1	Air Conditioning (1)			
2	Ice Maker (2)		0	Washer/Dryer (2)			
0	Vane Steering (2)		2	Propane	1	10	
0							

I hereby certify that the above information is correct. I understand that it is my responsibility to notify the WFPHRF Rating Committee of any changes, which might affect the rating of this yacht.

SIGNATURE OF OWNER

Date