



Certificate ID:
FQWFRW-2018

Classic Yacht Rating Certificate - MKII

-----Owner Information-----

Boat Name: Mashnee
 Owner Name: MIT Sailing Pavilion Franny Charles
 Skipper (if non Owner): Adam Traina, Matt Wall
 Address: **PRIVATE CONTACT INFORMATION NOT AVAILABLE ON THE PUBLIC VERSION OF CERTIFICATES**
 City:
 E-mail:

-----CRF MkII Ratings-----

Ratings	Feet	Sec/Mi
Non Spinnaker	27.3	107
Spinnaker	29.9	89

Expiration Date: 12/31/2018

-----Design & Construction Data-----

Designer: Herreshoff
 Builder: Herreshoff Manufacturing Company
 Class or Type: Sloop / NA
 Year Built: 1902
 Sail Number: A7

-----General Information-----

Hull Color: Whiye

-----Hull Construction (Check appropriate box)-----

Wood (Plank on frame)	<input checked="" type="checkbox"/>	Metal	
Wood (Cold molded)		Composite	

-----Data Declarations-----

MkII	CRF'16	Common Name	(ft. / lbs.)
-----Hull Dimensions-----			
LOA	LOA	Length overall:	46'-6"
LWL	LWL	Length waterline:	32'-3"
MB	Beam	Maximum Beam:	10'-8"
DM	Draft	Draft (Brd up):	5'-7"
DMcb	-	Draft (Brd down):	8'-10"
DSPS	Disp	Sailing disp:	24500
-----Mainsail Dimensions-----			
P	P	Hoist, jib headed:	54'-0"
PG	-	Hoist, gaff headed:	
E	B	Mainsail foot:	24'-0"
-----Foretriangle Dimensions-----			
IG	P2	Foretriangle height:	54'-7"
J	J	Foretriangle base:	15'-2"
LP	LP	Jib perpendicular:	20'-6"
-----Spinnaker Dimensions-----			
ISP	P2 Spin	Spin halyard height:	54'-7"
SPL	SPL	Spin pole length:	15'-2"
TPS	-	Mast to a-sail tack:	19'-10"
-----Mizzen Dimensions (If any)-----			
PY	PY	Mizzen hoist:	
EY	BY	Mizzen foot length:	
-----Schooner Dimensions-----			
P1	P1	Foresail hoist:	
P3	P3	Staysail hoist:	
B1	B1	Dist. between masts:	

-----Type Declarations-----

-----Underbody Type: (Check appropriate box)-----

Short chord fin w/bulb & spade rudder (Type 1):
 Fin keel w/bulb & spade rudder (Type 2):
 Fin keel w/o bulb, w/spade rudder (Type 3):
 Fin keel w/skeg mounted rudder (Type 4):
 Short chord full keel w/attached rudder (Type 5):
 Long chord full keel w/attached rudder (Type 6):

-----Moveable Appendage (if any)-----

Moveable trim tab on keel? (Y/N): N

-----Rig Type; (Check appropriate box)-----

Jib Headed Mains:
 Sloop: Yawl: Ketch:

Gaff Headed Mains:
 Sloop: Yawl: Ketch:

Square Headed Main:

Schooners;
 Staysail:
 Gaff foresail, jib headed main:
 Gaff foresail, gaff main:

-----Mast Material Typ: (Choose appropriate number)-----

Carbon (1), Alum (2), Wood, Sloop (3), Wood, Y/K/Sch (4)

-----Propeller Type: (Check appropriate box)-----

Feathering or folding, exposed or strut:
 In aperture ;2-blade: 3-blade:
 Exposed shaft, off center; fold or feather:
 Exposed shaft, solid ;2-blade: 3-blade:
 Twin Screw: None:

Primary CRF MkII Values:

Rated Sailing Length, 'L': 35.8
 Rated Upwind SA, 'RSAup': 1,216.2
 Rated Downwind SA, 'RSAdn': 1,947.2
 Rated Spinnaker Area, 'SPIN': 1,364.0
 Rig Factor: 1.00
 Rated 'S': 39.77

Base Rating Corrections:

Draft Corr: 0.870
 L/Beam Corr: 0.540

Base Rating Multipliers:

Prop Type: 0.99
 Disp/Length: 1.001
 SA/Disp: 1.003
 Keel Type: 0.96
 Spar Material: 0.945
 MAF (Trim Tab): 1.000