

MARBLEHEAD CLASS
REGATTA MEASUREMENT FORM 1998

AMYA HULL # _____ SAIL # _____

MFG/Design of Yacht _____

Owners Name _____

AMYA # _____ Club # _____

Address _____

Zip _____

ITEM RULE MEASUREMENT HULL AND APPENDAGES **CIRCLE CORRECT ANSWER**

13.3.1 Is hull overall length between 50.20 in and 50.75 in? yes/no

23.3.2 Bumper: Is the forward 0.5 inches (minimum) of the hull elastomeric material? (If Exceptions .1 used circle N/A) yes/no/NA

2a Exceptions .1 Hull registered before 1 March 1998. Reg. Date _____ Is bumper made of resilient material and approximately 0.5 inches in length? yes/no/NA

33.3.3a, b Is hull without hollows greater than .12 inches? yes/no

43.2.1 (b) Is the boat registration number displayed on the external surface of the hull with a minimum height of .79 inches? yes/no

54.1.1a Is the fin movable in any direction or by rotation? Does fin have movable elements? no/yes

64.1.1b Is the fin or rudder retractable? no/yes

74.1.1c Is the fin or rudder attached more than 0.6 inches from the centerline plane? no/yes

84.1.1d Does any part of the fin, ballast, or rudder project forward or aft of the hull? no/yes

RIG AND SPARS

95.1.1 Does each rig meet the requirements of 5.1.1? yes/no

105.3.1a For 3.9 inches from the end of each boom spar is the cross section greater than 1.57 in? no/yes

115.3.1b Where boom spars meet is the cross section greater than 1.57 inches? no/yes

125.3.1c Below the upper edge of the lower mast band is the cross section greater than 1.57 in? no/yes

135.3.1 Is the cross section of spars less than .79 inches everywhere else? yes/no

RIG MEASUREMENTS RECORDED RIG A RECORDED RIG B RECORDED RIG C

14 Meas. Diag. "G" deck to top of lower mast band

155.2.2 "H" deck to upper mast band less than 85 inches

165.2.3 "I" deck to middle mast Band - (80% H max.)

MAINSAIL MEASUREMENTS

17 Meas. Diag. "A" Measurement

18 Meas. Diag. "B" Measurement

19 Meas. Diag. Measured 1/4 height cross width

20 21 Cross width excess X

22 Meas. Diag. Measured 1/2 height cross width

23 Calculated 1/2 height cross width

1/2 B + 2.83

24 Cross width excess Y

25 Meas. Diag. Measured 3/4 height cross width

26 Calculated 3/4 height cross width

1/4 B + 2.83

27 Cross width excess Z

RULE MEASUREMENT RECORDED RIG A RECORDED RIG B RECORDED RIG C

JIB MEASUREMENTS

28 Meas. Diag. "Q" length of luff

29 Meas. Diag. "R" length of perpendicular

30 Meas. Diag. Measured 1/4 height cross width

31 Calculated 1/4 height cross width

3/4 R + 2.16

32 Cross width excess x

33 Meas. Diag. Measured 1/2 height cross width

34 Calculated 1/2 height cross width

1/2 R + 2.36

35 Cross width excess y

36 Meas. Diag. Measured 3/4 height cross width

37 Calculated 3/4 height cross width

1/4 R + 2.36

38 Cross width excess z

FIXED RIG LIMITS **CIRCLE CORRECT ANSWER**

RECORDED RIG A RECORDED RIG B RECORDED RIG C

39 5.2.4 Does the line of the jib luff fall below middle mast band? yes/no

40 5.2.9 Is any part of a rig forward or aft of the hull? no/yes/no/yes

41 5.3.2 Are the measurement bands at least .12 inch wide and of a contrasting color? yes/no/yes/no

42 5.3.3 Except as in 5.3.4 are three bands on each mast? yes/no/yes/no

43 6.1.1 Can the sails be rolled without permanent damage? yes/no/yes/no

44 6.1.2 Do sails comply with the measurement diagram? yes/no/yes/no

45 6.1.4 Are discontinuous attachments on a sail luff less than 10% of the luff length? yes/no/yes/no

46 6.2.1, 6.3.1 Are there no more than four battens in the mainsail and three battens in the jib? yes/no/yes/no

47 6.1.5 Are the battens within the 4.13 x .79 inch limit and the inequality in spacing less than 1 inch? yes/no/yes/no

48 6.1.6 Is the foot round less than 1 inch and the foot irregularity less than .12 inches? yes/no/yes/no

49 6.1.7 Are all sails marked at the clew with the designated rig letter? yes/no/yes/no

50 6.1.8 Do headboards comply with measurement diagram - .79 inch limit? yes/no/yes/no

51 Meas. Diag. Do the upper and lower parts of the leech comply with the measurement diagram - 35.5 inch pattern? yes/no/yes/no

52 6.4.1 Are the sails of each rig marked in accordance with the Sail Identification Marks Rules? yes/no/yes/no

53 Various Do the rigs, sub rigs and boat conform to all other provisions of the M 1998 Rule? yes/no

SAIL AREA - each area to two decimals

in^2 - in^2

54 Meas. Diag. Triangular mainsail area $1/2(A \times B)$

55 Meas. Diag. Excess mainsail area $1/6 A(2X + Y + 2Z)$

56 Meas. Diag. Triangular jib area $1/2(Q \times R)$

57 Meas. Diag. Excess jib area $1/6 Q(2x + y + 2z)$

58 7.1 Total Sail area - less than 800.00 in^2

Date _____

Measurer _____

Assisted by _____