

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 3.3.3a, 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 yes/noyes/no 40 5.2.9 Is any part of a rig forward or aft of the hull? no/yes no/yes no/yes 41 5.3.2 Are the measurement bands at least .12 inch wide and of a contrasting color? yes/noyes/noyes/no 42 5.3.3 Except as in 5.3.4 are three bands on each mast? yes/noyes/noyes/no 43 6.1.1 Can the sails be rolled without permanent damage? yes/noyes/noyes/no 44 6.1.2 Do sails comply with the measurement diagram? yes/noyes/noyes/no 45 6.1.4 Are discontinuous attachments on a sail luff less than 10% of the luff length? yes/noyes/noyes/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/noyes/noyes/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/noyes/noyes/no 48 6.1.6 Is the foot round less than 1 inch and the foot irregularity less than .12 inches? yes/noyes/noyes/no 49 6.1.7 Are all sails marked at the clew with the designated rig letter? yes/noyes/noyes/no 50 6.1.8 Do headboards comply with measurement diagram - .79 inch limit? yes/noyes/noyes/no 51 Meas. Diag. Do the upper and lower parts of the leech comply with the measurement diagram - 35.5 inch pattern? yes/noyes/noyes/no 52 6.4.1 Are the sails of each rig marked in accordance with the Sail Identification Marks Rules? yes/noyes/noyes/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 in² in² in²

54 Meas. Diag. Triangular mainsail area 1/2 (A x B) 55 Meas. Diag. Excess mainsail area 1/6 A(2X+Y+2Z) 56 Meas. Diag. Triangular jib area 1/2 (Q x R) 57 Meas. Diag. Excess jib area 1/6 Q(2x+y+2z) 58 7.1 Total Sail area - less than 800.00 in²

Date _____

Measurer _____

Assisted by _____