

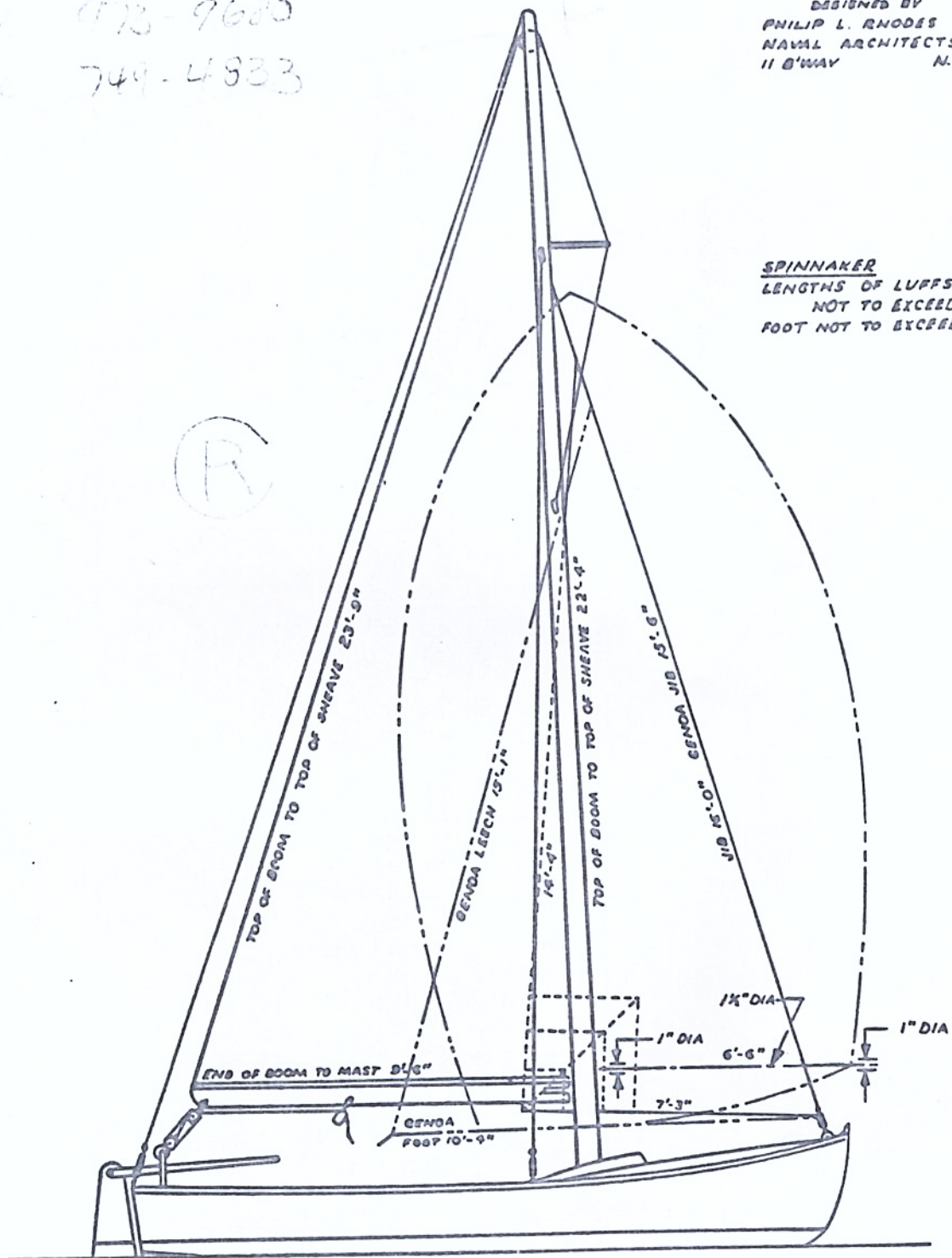
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JOB NO. 448  
 SAILMAKER'S DIAGRAM  
 FOR  
 CAPE COD RHODES 18  
 DESIGNED BY  
 PHILIP L. RHODES  
 NAVAL ARCHITECTS  
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SPINNAKER  
 LENGTHS OF LUFFS  
 NOT TO EXCEED 18'-6"  
 FOOT NOT TO EXCEED 13'-6"





CHANGES TO CONSTITUTION AND BY-LAWS WITH RULES AND REGULATIONS OF  
THE INTERNATIONAL RHODES 18 RACING ASSOCIATION ADOPTED  
JANUARY 18, 1963.

Change the second sentence of Paragraph 2 of Article IX of the By-Laws to read: "The dimensions of these sails may be found in the Sail-maker's Diagram Job No. 448 and also as specified in Paragraph 5, Article II of Rules and Specifications".

Change Paragraph 5, Article II of Rules and Specifications to read as follows:

(5) Sails - General - The intent of these specifications is to have good one-design racing sails that meet the requirements of safety and economy. Therefore, the Executive Committee will have the power to disallow sails which in their opinion were designed and made in a freakish or unusual manner to circumvent these specifications. Zippers in the luffs and foots, glued seams for all sails, venturi design for spinnakers, boom bending devices (excluding mainsheets and boom vang) are not to be allowed.

Mainsail -

- (a) The mainsail shall be woven material of not less than 3.2 ozs. per linear yard of 28-1/2" width. All measurements are to be made with the sail laid flat.
- (b) The headboard shall not be more than 4" across, measured perpendicular to the luff. However, existing headboards that measure up to and including 4-1/2" will be allowed. The main halyard shackle shall be attached to the top of the headboard.
- (c) The mainsail shall contain three battens, the maximum lengths of which shall be 30" for one batten and 24" for the other two battens. Such battens shall be approximately equally spaced along the leech with the longest batten between the two shorter battens.
- (d) Luff dimensions will be determined by bands on the mast. Two black bands will be placed on the mast and these bands will be at least 1/2" wide. On groove spars the inside distance between the black bands shall be 22' 0" and on track spars this distance shall be 22' 1". At no time will a sail be carried where the top of the headboard, bolt rope or sail material over the headboard, whichever is greater, is above the lower edge of the top band and the top of the boom below the upper edge of the bottom band. The top of the boom for groove spars shall be the top of the major portion of the boom and not that part recessed for the gate. The top of the boom for track spars with an external track shall be the top of the boom, itself, to which the track is secured. The top of the boom for track spars with an internal track shall be the same as for groove spars. Groove spars shall be defined as those to which a sail is bent without slides; track spars shall be defined as those to which a sail is bent with slides.



- (e) The foot will be limited by boom length, which length shall be maximum 9'6" from trailing edge of mast to after end of boom. By definition, length of boom includes all attachments to the boom.
- (f) The leech of the mainsail shall be measured under a pull of 5 lbs. applied at the headboard and clew thimbles. The straightline measurement from the top of the headboard to the cloth on the foot at the clew shall not exceed 23'6" nor be less than 23'0".
- (g) The girth of the mainsail shall be measured without tension from the midpoint of the outer edge of the luff to the midpoint of the outer edge of the leech. This measurement shall not exceed 6'3" nor be less than 5'4". The midpoint of the luff is determined by folding the sail over on itself so that the top of the headboard is over the bottom edge of the foot at the tack and smoothing the sail along the luff and drawing the edge of the luff taut with the same tension on each half. The midpoint of the leech is determined in the same manner by placing the top of the headboard over the bottom edge of the foot at the clew. The measurement shall be taken with the sail smoothed where this measurement is made but without pulling or stretching the cloth on the bias. The leech shall be a fair normal curve, particularly along its midpoint.

Jibs -

- (a) The jibs shall be woven material of not less than 3.2 ozs. per linear yard of 28-1/2" width.
- (b) All measurements are to be made with the sail laid flat and shall be straightline measurements. Only the sides being measured shall be under tension and this tension shall be 40 lbs. for the luff and 5 lbs. for the leech and foot. The measurements are to be taken from the intersection of straight lines tangent as nearly as practicable to the edges of the sail at each corner. The measurements shall not exceed the following limits:

	<u>WORKING JIB</u>		<u>GENOA JIB</u>	
	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>
Luff	16' 0"	15' 6"	15' 6"	15' 0"
Leech	14' 4"	13' 10"	15' 1"	14' 7"
Foot	7' 3"	6' 11"	10' 4"	10' 0"

- (c) Battens will not be allowed in genoa jibs.



Spinnaker -

- (a) The spinnaker will be of woven material of not less than  $3/4$  ozs. per linear yard of 28-1/2" width.
- (b) The spinnaker shall be measured with the sail laid flat. The luff and leech shall be measured from the underside of the swivel to the center of the tack and clew thimbles. The foot shall be measured in a straight line between centers of thimbles. Only the side under measurement shall be under tension and such tension shall be 5 lbs. Maximum luff and leech dimensions shall be 18' 6" and minimum 17' 6". Foot dimensions shall be maximum 13' 6" and minimum 12' 6".
- (c) The girth of each spinnaker shall be measured by first laying the sail flat and folding it in half along the line between the head and the midpoint of the foot, smoothing by hand. Two arcs, one of 6' radius and the other of 12' radius, shall then be swung across the sail from a pivot point at the underside of the swivel at the head, marking the points of intersection of each arc with the fold line and the luff-leech. The upper girth shall be the straight-line distance between the points of intersection of the 6' radius arc with the fold line and the luff-leech. The lower girth shall be the straight-line distance between the points of intersection of the 12' radius arc with the fold line and the luff-leech. The upper girth shall be 5' 6" maximum and 4' 8" minimum. The lower girth shall be 7' 0" maximum and 6' 6" minimum.
- (d) The spinnaker pole shall be specified as in the Sail-maker's Diagram Job No. 448 with a maximum overall length of 6' 6" including fittings. If made of wood, the pole diameter shall be at least 1-1/2" at the center and 1" at the ends or equivalent cross sectional area, if other than round. If made of aluminum, the pole diameter shall be minimum 1-1/8".

Effective Date -

- (a) Effective date for local fleet racing shall be the option of the local fleet.
- (b) Effective date of boats participating in Annual International Championship Races will be the Season of 1964. The Race Committee or Executive Committee will check all participants to make sure they conform. In the interim, existing Rules and Regulations will apply.