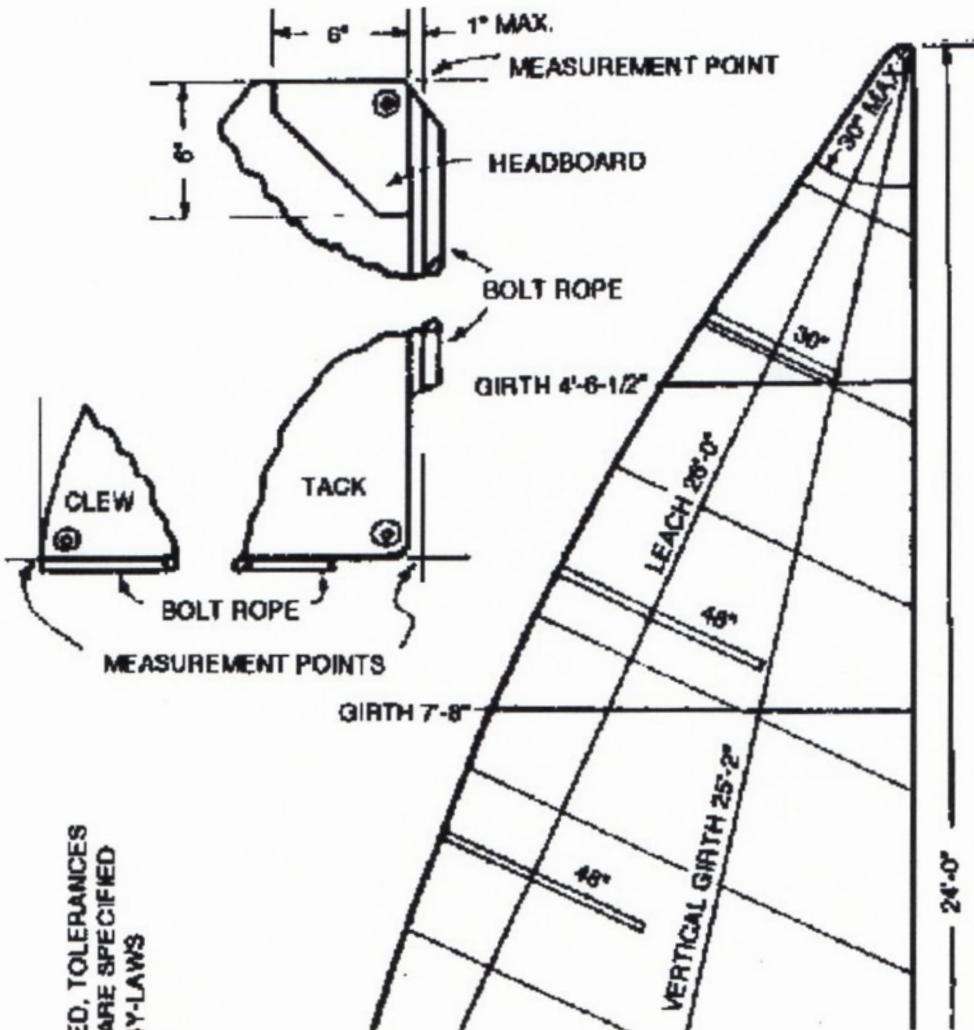


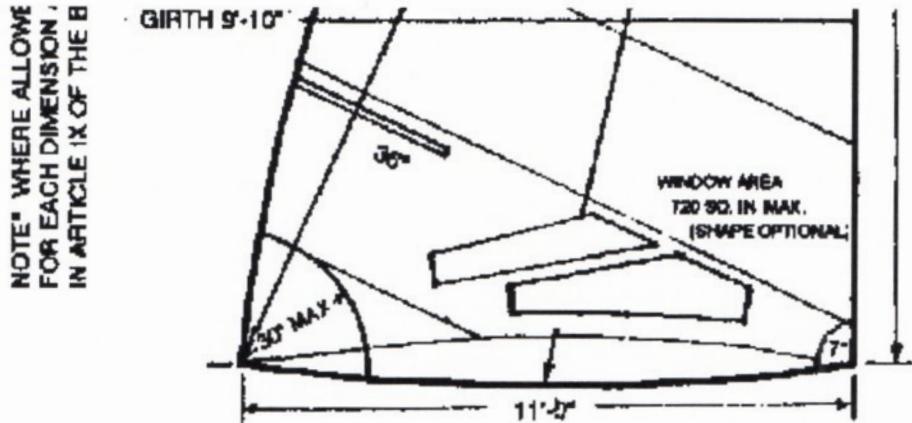
## Article IX -- Specifications of Yacht

### SECTION 6: SAIL

#### A. General:

1. Sail shall be triangular. No device to alter the shape of the sail is permitted except a leach cord (pucker string) which shall be permitted in the leach.
2. The weight of cloth specified herein refers to a sailmaker's yard (approximately 28-1/2" width). It is a limitation upon the weight of cloth and not on width. Weight: 3.8 oz. Minimum
3. Any fabric other than soft Dacron or yarn-tempered Dacron is not permitted.
4. Corner patches, defined as multiple layers of material, are permitted. No part of the patch shall extend beyond the respective corner measurement point nor further than the maximum dimension indicated.
5. The official measurer may use official patterns or templates prepared by him or under his direction for measuring sails. Any sail which does not exceed the dimensions of the template or pattern may be considered to have satisfied the measurement requirements unless a protest is lodged against the sail prior to four hours before the scheduled start of the first race of the day. In the event of such protest, the sail shall be measured according to these rules, loser to pay the cost thereof. No sail shall be disallowed merely because it exceeds the dimensions on the pattern or template. Actual measurement according to these rules shall be required before a sail is disallowed.





## B. Mainsail

1. Method of measuring dimensions:
  - a. General: All tension devices (Cunningham holes, leach cords, etc.) shall be relaxed.
  - b. Measuring points:
    1. Head: Intersection of inside edge of bolt rope or extension and line perpendicular thereto passing through highest point of the headboard.
    2. Clew: End of sail at inside edge of bolt rope.
    3. Tack: Where luff and foot or their extensions meet at inside edge of bolt ropes.
  - c. Luff and foot measurements taken from a fair lay of the cloth (no tension).
  - d. Leach: Tension, 3 pounds.
  - e. Girth: Fair lay of cloth (no tension) between two points found as follows:
    1. First point is midpoint of luff found by bringing tack and head together, the middle fold being the first point.
    2. Second point is the midpoint of the leach, found by bringing the head and clew together, the mid-fold being the second point.
    3. Additional girths are found by bringing the tack and head and the clew and the head to the midpoints, thus creating quarter-fold points.
    4. The girth measurements are taken from the inside edge of the bolt rope to the outside edge of the cloth at the leach.
    5. Vertical girth measurement is taken from the head of the sail to the mid-point of the foot found by bringing the tack and clew together.
2. Dimensions, maximum
  - a. Luff: 24'-0" (288")
  - b. Foot: 11'-0" (132")
  - c. Leach: 26'-0" (312")
  - d. Girths:
    1. Top: 4'-8 1/2" (~112")
    2. Middle: 7'-8" (90")
    3. Bottom: 9'-10" (118")
    4. Vertical: 25'-2" (302")
3. Devices for holding out roach:
  - a. Main battens: shall divide the after leach in approximately equal parts.
    1. Number: 4
    2. Length:
      - Top batten: 30" maximum
      - Second batten: 48" maximum
      - Third batten: 48" maximum
      - Bottom batten: 36" maximum
    3. Width: 1-1/2" maximum
  - b. Permanent auxiliary battens: Shall be placed approximately midway between main battens.
    1. Number: 3
    2. Length: 14" maximum

3. Width: 1" maximum
4. Headboard:
  - a. Shall be measured both vertically and horizontally in accordance with the manner in which it is carried. The headboard may not be farther than one inch from the inside edge of the bolt rope.
  - b. Size: 6" maximum
  - c. Flotation: Permitted. May be placed in or attached to the head of the sail.
  - d. Number of holes permitted for attaching halyard: One (1)
5. Fair Curve: The outside edge of the leach or the sail shall be cut to a fair curve. Lacking a precise definition of a fair curve, the Technical Committee will consider it to be a curve of relatively constant curvature. Abrupt changes in the curvature in an attempt to carry additional sail area in the roach and still maintain the midpoint girth measurements will be considered a breach of the rules and the sail will be disallowed.
6. Tack: All mains must have a single tack and, in use, shall be pinned within one inch of the mast line and within one inch of the boom line.
7. One Cunningham hole for the luff is permitted. The location of the center of the Cunningham shall be 8" plus or minus 1" directly above the center of the tack grommet.
8. Window: Window area not to exceed 720 square inches.
9. Patches: The following patches are the only patches allowed on a sail:
  - a. Head: 30" maximum (See Section 6.B.1)
  - b. Clew: 30" maximum (See Section 6.B.1)
  - c. Tack: Rectangular: 7" maximum, back from the luff of the sail; 18" maximum, up from the foot of the sail. One or two patches are allowed in this area. (See Section 6.B.1)
  - d. Patches that fall within 10" diameter circle may be used at the end of each batten pocket called out in Section 6.B.3.
  - e. Patches that fall within a 10" diameter circle may be applied to prevent sail damage where the sail hits the spreaders.
  - f. Patches may be used to repair damage to a sail.
10. Clew hole: Number permitted: One (1).
11. Clewboard not permitted.
12. MC insignia: The official class insignia for the MC Scow shall be the letter "C" superimposed over the letter "M". This symbol shall appear on all sails, in letters 15" in height and of proportional width.
13. Sail numbers: Each sail shall bear the number of the yacht in figures of the same proportion as the sail symbol.
14. The MC insignia shall be located above the sail numbers. Both shall be located in or near the upper half of the sail.
15. Each sail built after September 1, 1997 shall have an IMCCSRA royalty patch attached near the tack. The sailmaker shall collect \$10 (not to be discounted) from the purchaser for this royalty patch. Funds are to be used by IMCCSRA for promotion of the class and boat.