

These rules rescind all previous

Dated 8th September 1987
Includes SCHEDULE A amendment:
6 October 2000

ARTICLES OF ASSOCIATION

'M' CLASS

ASSOCIATION

THE INCORPORATED SOCIETIES ACT 1908

ARTICLES OF ASSOCIATION

OF

‘M’ CLASS ASSOCIATION

NAME

1. THE name of the Association shall be ‘M’ CLASS ASSOCIATION INCORPORATED (herein after called “the Association”).

INTERPRETATION

2. IN the interpretation of these Articles the following words and expressions shall have the meaning hereinafter specified unless there shall be something in the context inconsistent therewith:

“the Association” means the ‘M’CLASS ASSOCIATION INC

“Chairman” means respectively the Chairman, Secretary, Treasurer, Racing “Secretary” Committee, General Committee and Committee Men of “Treasurer” the Association.

“Racing Committee”
“General Committee”
and
“Committee Men”

“Member” means a person who is a member of the Association for the time being

“Month” means a calendar month

“Rules” means the Rules governing the 18ft M Class annexed as a schedule to these articles.

“Year” means the financial year of the Association from the 1st day of November in any year to the 31st day of October the following year.

Words importing the singular number include the plural number and vice versa

Words importing the masculine gender include the feminine gender and vice versa.

OBJECTS

3. THE objects of the Association shall be:

- (a) To function as a yachting association and generally encourage yachting both for racing and pleasure;
- (b) To foster cultivate and promote the social welfare of members and generally to promote and forward the interests and welfare of the Association and its members;
- (c) To promulgate maintain and enforce a set of rules for the building and racing of yachts to be known as ‘M’ Class yachts having an overall length of 18ft or less and otherwise complying with the Rules;

- (d) To foster cultivate promote and preserve 'M' Class yachts as a class for its historical interest and for the benefit of the public generally including where necessary to purchase and restore and preserve particular examples of 'M' Class yachts where in the opinion of the General Committee such purchase restoration or preservation is consistent with or necessary for the achievement of any of these objects.

MEMBERSHIP

4. (a) MEMBERSHIP of the Association shall be open to all persons who have a bona fide interest in yachting whether yacht owners or not.
- (b) APPLICANTS for membership shall make written or oral application to the General Committee.
- (c) EACH application for membership must be accompanied by the subscription payable for the year in respect of which membership is sought.
- (d) THE General Committee of the Association shall have the right to refuse membership to any person for any reason.

SUBSCRIPTIONS

5. (a) AT the annual general meeting each year the Association shall set the subscription payable for the continued membership of the Association for the following year.
- (b) EACH member of the Association shall on or before the 1st November in each year pay the subscription as fixed by the Association for the year.
- (c) A member may be removed from the list of members if his subscription remains unpaid after the 1st January in any year and he shall thereupon cease to be a member of the Association PROVIDED THAT a members name shall not be removed from the list of members unless he is first given 14 days notice by the General Committee of the Committee's intention to so remove his name and the outstanding subscription is not paid within the period of notice.

PATRON, HONORARY MEMBERS AND HONORARY LIFE MEMBERS

6. (a) THE Association may at any time in general meeting appoint a person of standing and repute (who need not be a member of the Association) to be patron of the Association. The office of patron shall be a post of honour only and shall carry no executive responsibilities.
- (b) THE Association may at any time in general meeting upon the written recommendation of the Committee appoint any member of the Association to be an honorary life member of the Association.
- (c) THERE shall be not more than four honorary life members of the Association at any one time.
- (d) THE Association may at any time in general meeting upon the written recommendation of the Committee appoint honorary members (whether or not such persons are already members of the Association) who shall hold office for a period of one year from the date of their appointment. Honorary membership may be held by any member in addition to his ordinary membership but honorary members (unless they are also

ordinary members) shall have no right to vote and shall not be eligible to become officers of the Association. An honorary member (whether or not an ordinary member) shall not be required to pay a subscription.

ANNUAL GENERAL MEETING

7. (a). The annual general meeting of the Association shall be held no later than the 1st day of October in each year upon a date and at a time to be fixed by the general committee.

(b). NOT less than 14 days notice of the date and place of such meeting shall be given by the Secretary to all members. The agenda for the meeting shall be set out in the notice of meeting or shall accompany the notice of meeting and shall include so far as is practicable notices of any motions to be considered at the meeting but need not include notice of the matters set out in clause 7 (c) hereof.

(c). THE following matters shall be included in the agenda for each annual general meeting:

- (i) The annual report of each of the officers of the Association for the preceding year;
- (ii) Election of officers and committees for the next year;
- (iii) Fixing subscriptions for the next year;
- (iv) General business.

SPECIAL GENERAL MEETINGS

8. (a). A special general meeting may be called by the Committee at any time. Notices of the time and place of such meetings shall be in the hands of members not less than 14 days before the appointed date. Notice of such meeting shall be accompanied by an agenda.

(b). A special general meeting shall be called by the Committee within 31 days of receipt of a written petition signed by not less than eight financial members calling for the meeting and setting out in writing the motions for the said meeting to consider. Notice of such meeting shall be given in the same manner as set out in sub-paragraph (a) above and shall include an agenda.

PROCEDURE AT MEETINGS

9. AT all annual general meetings and special general meetings 15 members personally present shall constitute a quorum. If there is no quorum present within half an hour after the time fixed for the commencement of the meeting the meeting shall stand adjourned to the same day and hour of the following week. Those present at such subsequent adjourned meeting shall be competent to transact all the business for which the meeting was called notwithstanding that there may be fewer than the required quorum of members present.

10. AT all general meeting the chair shall be taken by the Chairman or in his absence by the Treasurer or Secretary or in their absence by any member duly elected as Chairman for that occasion by the members present.

VOTING

11. AT all general meetings every financial member present shall be entitled on every motion to one vote exercised in person and in the case of an equal number of votes for and against any motion the Chairman shall have a casting as well as deliberative vote.

12. EXCEPT where another method of voting is specified elsewhere in these Articles the methods of voting on all issues or motions at all meetings shall be by show of hands PROVIDED THAT if the Chairman or any two members present shall require it voting shall be by secret ballot.

13. EXCEPT as is otherwise provided in these Articles a simple majority of members voting shall decide any question

14. EXCEPT as is otherwise provided in these Articles any motion shall be valid and of full force and effect immediately the motion is put and the voting recorded.

OFFICERS AND THEIR APPOINTMENTS

15. THE officers of the Association shall consist of the Chairman, Secretary and Treasurer.

16. THE officers shall hold office until the conclusion of the following annual general meeting.

17. ONLY one member at any time of the crew of any particular yacht shall hold any of the office of Chairman, Secretary or Treasurer.

18. ANY person appointed an officer of the Association if not already a member shall by virtue of such an appointment become a member of the Association, without the necessity of any formal application for membership, on payment of the current subscription.

COMMITTEES

19. THE offices shall be assisted by a committee to be called the General Committee consisting of the officers and not less than seven additional members of the Association. The make up of the General Committee shall be decided at the Annual General Meeting. In selecting the General Committee the Association may choose to appoint all financial members of the Association as members of the General Committee.

20. THERE shall in addition to the General Committee referred to in paragraph 9 above be a Racing Committee and a measuring Committee.

21. THE Racing Committee:

- (a) Shall be appointed at the Annual General Meeting of the Association and shall consist of the Chairman and Secretary, three members of the General Committee specifically appointed to the Racing Committee and a Racing Secretary.

- (b) Shall be responsible, in consultation with the Measuring Committee if the Racing Secretary considers it necessary or appropriate, for fixing handicaps (if any) for boats entering any race or series of races.
- (c) Shall control the organisation of the racing program of the Association, the management of all races conducted by the Association and generally all matters afloat, subject to the overriding authority of the General Committee.
- (d) Shall meet as often as is deemed necessary at a time and place most convenient to the Racing Committee members.
- (e) Shall have a quorum of three members one of whom shall be the Racing Secretary.

22. THE Measuring Committee

- (a) Shall be appointed at the Annual General Meeting of the Association and shall consist of the Chairman and Secretary, three other persons who need not be members of the Association) specifically appointed to the Measuring Committee and a Chief Measurer.
- (b) Shall be responsible for approving and endorsing plans for the construction of any boat in terms of the Rules, measuring any boat at any time to ensure it complies with the Rules and issuing a Certificate in respect of any boat, or withdrawing a Certificate where, because of alterations made to the boat without prior approval of those alterations by the Measuring Committee, the boat no longer complies with the Rules.
- (c) Shall meet as often as is deemed necessary at a time and place most convenient to the Racing Committee members.
- (d) Shall have a quorum of three members one of whom shall be the Chief Measurer.

PROCEDURE OF THE GENERAL COMMITTEE

23. THE General Committee shall meet at least twice a year and may meet on other occasions from time to time on an "as required" basis. A meeting of the General Committee shall be called at the request of the Chairman or at the request of any three members of the Committee.

24. THE General Committee may at any meeting make repeal and amend such regulations as it may consider necessary or convenient for the proper administration of the Association (not including these articles or the Rules). Such regulations, repeals and amendments shall be binding on all members until otherwise determined by the Committee provided that no such regulations shall conflict with these articles or the Incorporated Societies Act 1908.

25. A quorum of the Committee shall be seven Committee members present in person at least one of whom shall be an officer of the Association.

26. SHOULD the Secretary be unavailable for any reason to call a meeting of the General Committee when required any officer or Committee member may call such a meeting in his place.

27. NO member of the General Committee shall be allowed to vote on any issue or motion in which he is personally financially interested.

28. THE minute book of the General Committee shall be open for inspection by any Association member upon his giving three days notice to the Secretary of his desire to inspect the minute book.

29 ANY motion shall be valid and in full force and effect immediately the result of the vote is declared.

30. ANY member of the Association may be present at a Committee meeting but shall have no right to vote thereat and may take part in a discussion only at the invitation of the Chairman of the meeting.

31. SAVE as is expressly permitted herein the Committee shall determine its own rules of procedure for the conduct of the meeting.

POWERS OF THE GENERAL COMMITTEE

32. (a). THE Committee shall have control of the funds and assets of the Association and shall have all the administration powers necessary for properly carrying out the objects of the Association in accordance with these rules.

(b). WITHOUT restricting sub-paragraph (a) the Committee shall have the following additional powers:

- (i) Generally to purchase, take on lease or exchange, hire or otherwise acquire any real or personal property in any rights and privileges which the Committee may think necessary for the purpose of any of the objects of the Association. In particular the Committee may acquire any land, buildings, easements, machinery, equipment or motor vehicles;
- (ii) To construct maintain alter or dismantle any buildings, equipment or works necessary or convenient for the purposes of the Association;
- (iii) To invest any funds of the Association not immediately required upon any investments authorized by the law of New Zealand for the investment of trust moneys;
- (iv) To lend any funds of the Association to Association members on such terms as the Committee shall determine where any such loan is for purposes consistent with the objects of the Association and where adequate security (including an instrument by way of security under the Chattel Transfer Act 1924) is taken for repayment of the loan and any interest thereon;
- (v) To borrow or raise money by overdraft from any bank or in such manner as may be thought fit and to secure the repayment thereof and in particular by the issue of debentures or by mortgage or lien upon the whole or any part of the Associations property or assets both present and future provided always that no such debentures, mortgages, charges or liens shall be made or given without the prior consent of the members in general meeting but no lender having dealings with the Group shall be concerned to see or enquire whether any such consent has in fact been given.
- (vi) The bank of the Association shall be with such banking concerns as may be from time to time directed by the Committee;
- (vii) All monies received by or on behalf of the Association shall be paid into an account or accounts and cheques, bills and withdrawal forms drawn on such accounts shall be signed by two Committee members nominated for that purpose by the Committee;
- (viii) No monies owed by the Association shall be paid out or any other payments made except with the authority or resolution of the Committee.

(c). NOTWITHSTANDING the foregoing the Committee shall not dispose of property in excess of the value of \$1,000.00 or incur any expenditure in excess of the sum of \$1,000.00 without the prior approval of the association in general meeting.

SUB-COMMITTEES

33. ALL Committees that are convened within the Association and are not elected by the annual general meeting must have the approval of the General Committee.

LIAISON AND PUBLICITY OFFICERS

34. ANY two or more members of the Association may be elected by any general meeting in each year for the purpose of improving liaison between members within the Association and between the Association and other yachting bodies or interests outside the Association.

OTHER GENERAL MEETINGS

35. (a). THE General Committee shall in addition to the annual general meeting and any special general meetings call monthly meetings of the Association.

(b). THE business to be transacted at monthly general meetings shall be as follows;

- (i) To receive apologies, to table correspondence and to report on the Association activities conducted during the previous month;
- (ii) To deal with any Association business;
- (iii) To make recommendations to the General Committee for the control and management of the Association;
- (iv) To discuss any topic of interest to the members generally and falling within the object of the Association.

(c). A quorum for any monthly general meeting shall be seven members present in person at least one of whom shall be an officer of the Association. If there is no quorum present within half an hour after the time fixed for commencement of the meeting the meeting may be cancelled or postponed to another date but the business at a monthly general meeting shall not commence unless a quorum is present.

(d). THE General Committee may at its discretion dispense with the calling of the monthly general meeting or alternatively direct that the conduct of business be dispensed with at any monthly general meeting but shall ensure that before dispensing with business appropriate alternative arrangements are made for dealing with urgent or regular Association business and that members of the Association are kept informed of Association matters.

DUTIES OF SECRETARY

36. (a). THE secretary shall conduct the correspondence of the Association and shall keep the records thereof and in addition shall keep full minutes of all committee meetings, monthly general meetings, annual general meetings and special general meetings.

(b.) THE secretary shall also keep a register showing the members for the time being of the Association and whether or not they are financial.

(c.) THE secretary shall attend all meetings of the Association and the general committee unless excused by reason of absence or incapacitation in which case he shall arrange for the necessary books and papers to be conveyed to the place of meeting.

(d.) THE secretary shall keep a record of all attendances at all general meetings of the Association.

(e.) THE Secretary shall notify the Treasurer immediately after the annual general meeting of the members then liable for the annual subscription and also during the year shall notify the Treasurer of any new members.

DUTIES OF TREASURER

37. IT shall be the duty of the Treasurer;

(a.) To collect and receive all moneys due to the Association and to give or arrange to be given where required an official receipt.

(b.) To be responsible for lodging all moneys paid into his hands on account of the Association into the account or accounts in the name of the Association in a bank or banks selected by the General Committee.

(c.) To keep such books of account as the General Committee may require showing the Association's receipts and expenditure

(d.) To pay out the Association's general expense accounts all debts and accounts contracted by the Association after the same have been passed for payment by the General Committee in accordance with these rules.

(e.) To prepare a general report on the current finances of the Association for each general meeting and in the case of the annual general meeting to prepare and present a statement of accounts for the preceding twelve months ended 31 October.

(f.) To do and perform all such duties as may usually apply to the office of Treasurer.

SERVICE ON MEMBERS.

38 (a.) ANY notice which by these rules or by any regulations made hereunder is required to be served upon a member shall be served by posting the same to his last known place of address or occupation by prepaid registered post and the same shall be deemed to have been delivered in the ordinary course of post.

(b.) ANY notice of meeting shall be given to members (where such notices are required to be given) by posting the same by ordinary prepaid post to the members last known residential or business address and the same shall be deemed to have been delivered in the ordinary course of post.

(c.) NO meeting shall be deemed improperly constituted and no decision reached at any meeting shall be invalid solely on the grounds that due to accident or advertence the requisite notice has not been given to any member or members unless the meeting itself determines otherwise.

REMOVAL OF OFFICERS AND COMMITTEE

39. (a). ANY officer or member of any Committee may resign from office or from the Committee by giving notice in writing to the Secretary.

(b). A member of any Committee can be removed from office by a 60% majority on a resolution at a special general meeting provided that the notice of intention to move the resolution has been given in the notice calling the meeting. The officer or the committee member shall be served with notice of the resolution in accordance with clause 38 of these rules and shall have fourteen clear days notice of the meeting.

(c). THE officer or the committee member shall be given the opportunity to address the meeting or may have read to the meeting a written statement of reasonable length before the vote is taken.

(d). ANY vacancy arising in the offices or the Committee between annual general meetings shall be filled by the Committee provided that the Committee may call a special general meeting to fill the vacancy or may (without any notice) refer the matter to the next monthly general meeting of the Association whereupon the Association will fill the vacancy.

EXPULSION OF MEMBERS

40. (a). IF in the opinion of the majority of the members attending the annual general meeting or a special general meeting it shall be considered that any member of the Association is or has been acting in a manner contrary to these rules or otherwise likely to bring the Association or the sport of yachting into disrepute then the general meeting may appoint a Special Committee consisting of not more than three and not less than two persons (who need not be members of the Association) to enquire into the conduct of the member.

(b). THE Special Committee may thereupon conduct an enquiry in the following manner;

(i). Before the enquiry is held the member complained of shall be given at least one month's notice of the proceedings and the time and place of the enquiry. The notice of time and place shall have annexed a copy of the original complaint and shall state specifically that the matter is being actioned in terms of this section of the articles.

(ii). Any member whose actions are the subject of such enquiry may be represented at the enquiry and may make submissions on his own behalf. He may be represented by counsel or by some other person on his behalf. He may call witnesses to give oral evidence and may submit written representations of reasonable length to the Special Committee.

(iii). If the member having been properly notified fails to appear at the appointed time and place or to make representations or to be represented the Special Committee may proceed to hear and determine the same forthwith.

(iv). The special Committee may at the expense of the Association engage counsel and call witnesses relating to the matter in question.

(v). If in the opinion of the majority of the Special Committee the member whose conduct is the subject of the enquiry has acted or is acting in a manner contrary to the Articles or otherwise in a manner likely to bring the sport of yachting or the Association into disrepute the Special Committee may admonish the member, impose a fine not exceeding \$50.00 or expel the member from the Association. A fine shall constitute a debt to the Association due by the member so fined and may be recovered by action according to any court of competent jurisdiction.

RESIGNATION

41. A member of the Association may resign from membership by giving notice to the Secretary in writing but will remain liable for all subscriptions remaining due at the time the resignation takes effect.

ALTERATION OF ARTICLES AND RULES.

42. (a). THE Articles or Rules of the Association may be altered, rescinded or added to by any resolution passed at any annual or special general meeting and then only if the motion to amend rescind or add to the Articles or Rules is passed with a 60% majority of those entitled to vote at the meeting and provided further that the notice of the terms of the proposed alteration rescission or addition shall have been given in the notice calling the meeting.

(b). THE addition alteration or rescission shall take effect immediately the motion is passed and recorded in the minute book.

(c). ONLY current financial members who are owners or part owners of a registered M Class boat (with a maximum of two votes per boat) shall be entitled to vote on a motion under (a) above. Any person entitled to vote may do so in writing or by proxy if that person resides outside of a 50K radius of the Auckland Central Post Office.

THE SEAL

43. THE Chairman shall provide for the safe custody of the seal, which shall only be used by the authority of the Chairman or by the Secretary or the Treasurer authorised by the Chairman in that behalf, and every instrument to which the seal is affixed shall be signed by either the Chairman, Secretary or Treasurer and shall be countersigned by either of the remaining two said officers of the Association or by some other person appointed by the General Committee for that purpose.

CASES NOT PROVIDED FOR

44. IN the event of any question arising out of the interpretation of these Articles and Rules or in the event of a case arising for which no provision is made that question of interpretation or matter for which no provision is made shall be settled by the General Committee of the Association.

RACING REGULATIONS

45. ANY 'M' Class yacht for which a certificate has been issued (and not subsequently withdrawn) may be entered in any event organised by the Association but only yachts owned, partly owned or sailed by a financial member of the Association shall be eligible for any prizes or trophies to be presented for any such event.

46. ALL sailing events shall be sailed under the rules of the International Yacht Racing Union for the time being in force, subject to any modifications or additions from time to time enacted or adopted either generally or for any particular race.

DISSOLUTION

47. THE Association may be wound up by the resolution of a special general meeting called for that purpose of which prior notice has been given at a general meeting held not later than thirty days prior to the date of the special general meeting. At such special meeting convened for the purpose of considering the

dissolution of the Association and the disposal of the assets thereof a resolution requiring the Association be wound up must be passed by a simple majority. At this special general meeting the Association shall be empowered to prescribe the method and disposition of the funds and property of the association provided that the assets of the Association shall not on winding up be paid or distributed among the members of the Association but shall be given to or transferred to such institution or institutions with objects similar to those of the Association as the meeting determines.

Schedule

RULES GOVERNING THE 18FT 'M' CLASS.

The following rules have been updated to include changes made to the rules at the Annual General Meeting of the "M" Class Association on 28 September 2011 and Schedule A, Article Changes, as filed 6 October 2000.

These serve only as a copy of the class rules and it is the written rules that should be referred to for clarification.

_____	B.A.Craies.	Chairman
_____	T. Higgins	Secretary
_____	M. Jenkins	Treasurer

1. RULES GOVERNING THE 18FT 'M' CLASS

- (a) The class shall be known as the 18 foot Restricted 'M' Class as established by the Royal New Zealand Yacht Squadron in 1921.
- (b) (i) Before work commences on any new boat a complete set of plans shall be submitted to the 'M' Class Association for approval and endorsement and a Certificate shall not be issued in respect of a boat where building was commenced before the plans have been endorsed and approved;
- (ii) Plans shall show all dimensions, scantlings, fastenings and materials that are used in construction;
- (iii) No overbuilding shall be allowed to gain a weight advantage unless this is clearly necessary and justifiable for strength and safety reasons.
- (c) The plan of every proposed boat shall be a genuine intention to conform to the class and the "M" Class Association Committee shall have absolute discretion to refuse the endorsement of a plan and the issue of a certificate if in their opinion the boat does not conform to this class. In any question as to the meaning and intent of the rules the decision of the "M" Class Association in general meeting shall be final.
- (d) Plans submitted for approval may be in imperial or metric and must be drawn to a scale no smaller than 1 inch = 1 foot (or 1:12) and stations must be shown at all control positions.
- (e) The measurement of boats shall be conducted by the Official Measurers of the "M" Class Association. The Official Measurers may correct any imperial to metric conversion found to be incorrect.
- (f) Certificates shall be issued by the "M" Class Association and no boat shall be eligible to race until this Certificate is issued.
- (g) Every boat built to conform to this Class must comply with the following rules and restrictions before it shall be certified as eligible to race.
- (h) From the original date of adoption of these rules (8th September 1987) all existing boats shall be deemed to conform with the requirements of Sections 2 and 3, with the exception that subsequent repair or modification shall not be made without conforming to the requirements of Sections 2 and 3 PROVIDED THAT if the Measuring Committee is satisfied that a boat in respect of which a certificate has previously been issued and not withdrawn is being repaired or restored so as to comply as closely as possible with its original plans and specifications the Association may re-issue, issue or renew the Certificate for that boat even though the boat does not conform with Sections 2 and 3 of the Rules.

2. HULL MEASUREMENTS.

- (a) Overall Length shall not be less than 17'11" (5460mm) and not more than 18' (5485mm) between the extreme foreside of stem and the after face of transom and planking.
- (b) Beam Overall shall not be less than 7'3" (2210mm) and not more than 7'6" (2285mm) between the outer faces of the planking.

- (c) (i) Depth Amidships shall not be less than 1'8" (510 mm) and not more than 1'11" (585mm) between the line of gunwale and the top of the rabbet except that the excess of depth in subclause c (ii) over the minimum may be added to the depth amidships. This measurement shall be taken 9'6" (2895mm) from the outside of the stem.
- (ii) Depth shall not be less than 1'4 ½" (420mm) between the line of gunwale and the inside face of the planking. This measurement shall be taken 9'6" (2895mm) from the outside of stem and 2'9" (840mm) from the centre line.
- (d) Forward Beam Measurement shall not be less than 5'3" (1600mm) and not more than 5'6" (1675mm) between the outside faces of planking. This measurement shall be taken 4' (1220mm) from outside of the stem.
- (e) (i) Transom Width shall not be less than 5'6" (1675mm) and not more than 5'9" (1755mm) between outer faces of planking measured at the gunwale line.
- (ii) Transom depth on Centre Line shall not be less than 1' 3 5/8" (395mm) between the line of gunwale and the inside of the planking at the rabbet.
- (iii) Transom Width measured on a waterline 5" (130mm) above the outside of the planking at the rabbet at which the half beam measurement shall not be less than 2'4" (715mm)
- (f) Side Deck Width shall not be less than 1'4" (405mm) between outer face of coaming and the outer face of the planking. This measurement shall be taken 9'6" (2895mm) from outside of stem.
- (g) After Deck shall not be less than 1'8" (510mm) and not more than 3' (915mm) between after face of the transom and after face of coaming.
- (h) Cockpit Length shall not be more than 8' (2440mm) measured between the after face of the hatch and the forward face of the after coaming.
- (i) Hatch Length shall not be less than 4' (1220mm) measured between the after face of the hatch and the extreme forward peak of the hatch.
- (j) Stem Profile – the profile of the forefoot shall be rounded in elevation to a radius of not less than 6" (150mm)
- (k) Body Plan Sections shall all be fair curves and reverse curves shall not be allowed.
- (l) Line of Sheer shall be a fair continuous concave curve.

3. SPECIFICATIONS – SCANTLINGS

- (a) Wherever in these rules the size or measurement of any timber is to be given, such measurement is for finished size.
- (b) Every boat shall be constructed of kauri and/or similar timber, with round bilge and clinker planking. Any alternative material shall be submitted for approval to the 'M' Class Association. No further ply-planked boats shall be commenced after 1st August 1991.
- (c) Timber knees and finishing shall be of wood – kind optional and may be of laminated construction.

- (d) Planking shall be approximately even widths according to good building practice and in no case shall the exposed width of any plank be more than 6" (150mm). Planking shall not be less than $\frac{3}{8}$ " (9mm) thick and there shall be not less than twelve planks per side. Reverse clinker planking shall not be permitted.
- (e) Ribs shall not be less than $\frac{7}{8}$ " (22mm) x $\frac{9}{16}$ " (15mm) in section at not more than 6" (150mm) centers or if centers are less than 6" (150mm) the sectional area may be less. The total cross sectional area of the ribs shall not be less than 17 $\frac{3}{4}$ square inches (11550mm) per side.
- (f) Keel shall be not less the $1\frac{3}{4}$ " (45mm) in depth and for more than 50% of it's length shall not be less than $5\frac{3}{4}$ " (145mm) broad. Girder strongback construction is recommended.
- (g) Transom shall not be less than $\frac{3}{4}$ " (19mm) timber or if plywood is used shall not be less that $\frac{1}{2}$ " (12mm) thick with not less than $2\frac{1}{2}$ " (65mm) x $\frac{3}{4}$ " (19mm) fashion pieces (doublers).
- (h) Gunwales shall not be less than $2\frac{1}{2}$ " (65mm) x $\frac{3}{4}$ " (19mm) at the amidships station and may be tapered at the ends to not less than 2" (50mm) x $\frac{3}{4}$ " (19mm). Laminated gunwales are acceptable at the same measurement.
- (i) Coamings shall not be less than $\frac{9}{16}$ " (15mm) in thickness. Height of coamings above deck must average not less than $4\frac{1}{2}$ " (115mm) and shall not be less than $2\frac{1}{2}$ " (65mm) minimum height above the deck. Coaming at after face of the cockpit shall not be lower than a straight line from top of the side coamings at the after end. Coaming to be a continuous fair curve. Arrowhead styled coaming design is not permitted.
- (j) Flooring must extend the whole width and length of the cockpit. Under hatch flooring is optional. Minimum thickness of plywood flooring shall be $\frac{3}{8}$ " (9mm) and not more than $\frac{1}{2}$ " (12mm).
- (k) Floor timbers shall be provided and shall not be fewer than eight in number and must not be less than $\frac{3}{4}$ " (19mm) thickness and not more than 1" (25mm). The minimum length of floor timbers shall not be less than 80% of the width of cockpit and hatch. The top of each floor timber shall be straight and shall be definitely fastened to the hull and shall be within the length of the cockpit and hatch.
- (l) Decking and hatch shall not be less than $\frac{5}{16}$ " (8mm) in thickness and not more than $\frac{1}{2}$ " (12mm) in thickness. Any covering material is optional.
- (m) Deck beams shall not be at more than 9" (230mm) centers. Full width deck beams shall not be less than $1\frac{3}{4}$ " (45mm) x $\frac{3}{4}$ " (19mm) on centerline and may be tapered at ends to not less than $\frac{3}{4}$ " (19mm) x $1\frac{1}{4}$ " (30mm). Beams under hatch are optional. Side beams shall not be less than $1\frac{1}{4}$ " (30mm) x $\frac{3}{4}$ " (19mm).
- (n) Centreboard case may be constructed either of timber or plywood. If timber is used it shall be not less than $\frac{3}{4}$ " (19mm) thick or if plywood is used it shall not be less than $\frac{1}{2}$ " (12mm) thick. Any section of centerboard case which has an open top shall not be lower than 10" (255mm) above datum Water Line.
- (o) Centreboard shall be of iron or steel $\frac{5}{16}$ " (8mm) thick and (excluding the arm) shall be cut from a sheet measuring not more than 5'3" (1600mm) in length and not more than 2' (610mm) in width. Centreboards may be galvanized or zinc sprayed. But stainless steel, chromium plate or other similar expensive finish shall not be allowed. Centreboard when faired and finished to be no thicker than 10mm.
- (p) Beltings (rubbing strake) shall not exceed 1" (25mm) in width.

- (q) Carline must not be less than 2" (50mm) x 3/4" (19mm) and may be laminated.

4. SAILS and SPARS

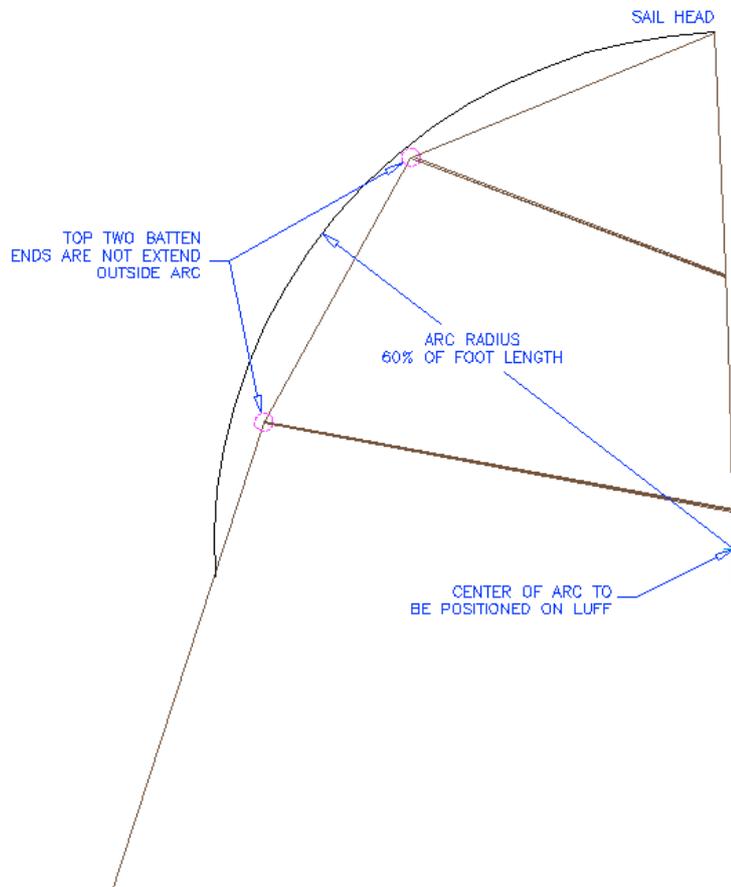
4.1 SAILS

- (a) The sails that may be used shall be mainsail, jib and spinnakers. No other sails shall be used.
- (b) All sails must be measured and may be measured at any time by the measuring committee. All sails must be measured after any alteration or repair which results in a change to the sail area. The measured area of a sail shall be displayed on the tack area of the sail. The owner of a boat shall be responsible to ensure that the area measurement is kept in legible condition.
- (c) All sails shall be measured, in accordance with the definitions in ISAF "The Equipment Rules of Sailing 2009-2012" or any successive ISAF document, and by the methods detailed in this section, no other means of determining sail measurement restrictions shall be used.
- (d) The total area of mainsail and jib shall not exceed 25 square metres.

4.2 MAINSAIL.

- (a) The mainsail area shall not exceed 21.25 square metres.
- (b) Mainsail headboard shall not exceed 125mm in width.
- (c) Mainsail battens shall not exceed six in number. The two top battens only may be full length and the remainder shall not exceed 1220mm in length. Mainsail clew battens running from leech to boom shall not be allowed.
- (d) Main foot round shall not exceed 150mm
- (e) Pocket luffed mainsails shall not be allowed.

- (f) Head restriction – top two battens ends shall not extend outside an arc rotated from the head of the sail. The arc radius shall be 60% of the foot length and its center shall be positioned on luff of the sail. See diagram below



4.2.1 MAINSAIL MEASUREMENT

Mainsail shall be laid out on floor and stretched only sufficiently tight to remove wrinkles from luff, foot and leach areas. Mid girth measurement to be maximum of 80% of foot length.

Area measurement: $SAM = [MLU + MLE] \times [MF/12 + MGM/3 + MHD/12]$

Where SAM = Main Area

MLU = Main Luff Length

MLE = Main Leach Length

MF = Main Foot Length

MGM = Mid girth measured between Half Luff and Half Leach.

MHD = Head width measured 100mm below the head of the sail and perpendicular to luff.

4.3 JIB

- (a) Jib area shall not exceed 5.25 square metres.
- (b) Jib foot round shall not exceed 150mm.
- (c) No clew boards are allowed.

4.3.1 JIB MEASUREMENT

Jib shall be laid out on floor and stretched only sufficiently tight to remove wrinkles from luff, foot and leach areas.

Area measurement:

$$SAJ = [JLU + JLE] \times [JF/12 + JMG/3 + JHD/12]$$

Where SAJ = Jib Area

JLU = Jib Luff Length

JLE = Jib Leech Length

JF = Jib Foot Length

JMG = Mid Girth measured between Half Luff and Half Leech.

JHD = Head width measured 100mm below the head of the sail perpendicular to luff.

4.4 SPINNAKERS

- (a) No more than two spinnakers shall be carried on board.
- (b) The larger spinnaker shall be no more than 46 square metres in area.
 - (i) Luff length shall not exceed 7620mm.
 - (ii) Girth at any height shall not exceed 7000mm
 - (iii) Depth from hoist to foot shall not exceed 8530mm.
- (c) The smaller spinnaker shall not exceed 23 square metres in area.

4.4.1 SPINNAKER MEASUREMENT.

- (a) Spinnakers shall be laid out on floor and stretched only sufficiently tight to remove wrinkles from the area to be measured. Sails shall not be under tension while being measured.

Area Measurement: $SAS = [SLU + SLE] \times [SF/12 + SMG/3]$

Where SAS = Spinnaker area.

SLU = Spinnaker luff Length

SLE = Spinnaker Leech Length

SF = Spinnaker Foot Length.

SMG = Mid Girth measured between Half Luff and Half Luff or Half Leech.

4.2 SPARS

- (a) Masts and spars shall be of wood or aluminium. Jib booms, bowsprits, clubs, rotating masts, mechanically bent booms shall not be allowed.

- (b) Mast height shall be measured vertically from the top of the mainsail halyard sheave to the exterior gunwale line deck edge abeam the mast. Measurement shall be inside any belting and not exceed 9300mm.
- (c) Spinnaker hoist height shall be measured vertically from the top of the spinnaker halyard sheave to the exterior gunwale line deck edge abeam the mast. Measurement shall be inside any belting and not exceed 7160mm.
- (d) Spinnaker boom length shall not exceed 4270mm measured between the extreme outer ends of the spinnaker pole fittings.
- (e) Jib hoist height shall not exceed the spinnaker hoist height.

5. GENERAL

- (a) Ballast; Live ballast only is allowed
- (b) Crew; Including helmsman, crew shall not exceed five persons and shall not be less than four persons.
- (c) Trapezes; Shall not be permitted
- (d) Winches; Which give mechanical advantage shall not be allowed.
- (e) Anchors; An anchor shall be carried of not less than 3.6kgs or more than 6kgs to which shall be attached sufficient chain of not less than 6mm or more than 8mm diameter so that the total weight of anchor and chain shall not be less than 8.5kgs. An anchor warp of not less than 18 meters in length and of not less than 8mm diameter shall be attached to the anchor chain. It is recommended that the anchor, chain and warp should be stowed in such a manner as to be readily accessible in an emergency situation. The anchor, chain and warp shall be carried at all times.
- (f) P.B.A.s; (Personal Buoyancy Aids). Shall be worn by all crew at all times and shall conform to the appropriate Safety Regulation of the NZYF Regulations.
- (g) Buoyancy; Shall be provided by means of water-tight bulkheads, tanks, suitable air bags, or polystyrene. The volume and location of the buoyancy shall be as follows: not less than .2124 cubic metres (7.5 cu ft) shall be carried forward of the mast and not less than .2124 cubic metres (7.5 cu ft) shall be carried within 1830mm (6ft) of the stern. All removable buoyancy shall be securely fastened to the hull.
- (h) Splashboards; The use of splashboards is prohibited.
- (i) Weight; Boats shall have a minimum weight of 450kgs. Boats are to be weighed in racing trim, minus sails (retain spinnaker pole).

Any additional weight needed to bring the hull weight up to the required minimum shall be permanently fixed as follows:

One quarter immediately forward of the aft bulkhead under each side deck (similar location where no bulkheads fitted).

One quarter immediately aft of the forward bulkhead under each side deck (similar location where no bulkheads fitted).

Material optional and to be visible at all times

- (j) All 'M' Class yachts and their equipment, i.e. sails, spars, rigging etc must conform to the Associations Rules governing the class. Any disagreement which may arise from time to time as a result of any application or interpretation of the said Rules shall be referred to the General Committee for a decision. Copies of the said Rules shall be made available by the Secretary to any Member on request.
- (k) Logan Memorial Handicaps: All helmspersons who sail in the "Logan Memorial" race shall have established a handicap of at least three races in that same season or shall be allocated a handicap equal to the "scratch" boat. Exceptional circumstances can be considered by the Racing Committee.