

**CONSTITUTION OF THE
HIGHLANDER CLASS INTERNATIONAL ASSOCIATION
AS AMENDED AND RESTATED ON JULY 22, 2001**

ARTICLE I – Name

The name of the organization shall be the Highlander Class International Association (the "Class").

ARTICLE II - Emblem

The Emblem of the Class and of vessels that are designated as "Highlanders" shall be a simplified presentation of the dancing Scotsman as drawn by Gordon K. Douglass registered as the "Dancing Scotsman" (Federal Registration Nos. 1,082,428 and 1,082,599, filed January 17, 1978).

ARTICLE III – Purposes and Powers

Classification. The Class is intended to be a nonprofit association.

Purposes. The Class is organized exclusively for charitable and educational purposes relating to the promotion and encouragement of recreational sailing and boating, including to promote Highlander Class racing under uniform rules, governed by the Class, and to maintain rigidly the one-design features of Highlander Class sloops, as designed by Gordon K. Douglass, and to exercise jurisdiction over all class activities and to enforce its Constitution, By-Laws, Rules and Specifications.

Powers. In furtherance of the purposes for which it is organized, the Class shall have all the powers granted by law.

Limitations of Powers and Purposes. All of the purposes and powers of the Class, its members, directors and officers are subject to the express conditions and limitations that:

- (a) No part of the assets or net earnings of the Class shall inure to the benefit of any of its Directors, officers or other private persons; provided, that the Class shall not be precluded from paying reasonable compensation for services rendered to or for the Class and from making payments and distributions in furtherance of its purposes;
- (b) No substantial part of the activities of the Class shall consist of carrying on propaganda or otherwise attempting to influence legislation, and the Class shall not participate or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any political party or candidate for public office; and
- (c) The Class shall not engage in any acts or activities which are not in furtherance of its purposes or which would deprive it of recognition as an exempt

organization within the meaning of the Internal Revenue Code of 1986, as amended,

Exemption Status. The Class shall operate entirely without profit to its members, Directors, Officers or other private individuals. No such person shall receive any pecuniary benefit from the Class, but the Class may pay such reasonable compensation for services actually rendered exclusively in furtherance of the Class's express purposes as set forth in Article III of the Articles of Incorporation. The members, directors and officers of the Class shall have no power or authority to do any act which might prevent the Class from being recognized at all times as an exempt organization described in the Internal Revenue Code of 1986 (or the corresponding provision of any future United States income tax law).

ARTICLE V – Members

The Class shall have members consisting of those persons who desire to participate in the construction, ownership, maintenance, sailing and racing of Highlander sailboats. The characteristic, qualifications, rights, limitations and classes of membership shall be set forth in the By-Laws of the Class.

ARTICLE VI – Removal From Membership

A member otherwise in good standing may be removed or suspended from membership for conduct detrimental to the Class by two-thirds vote of the members in attendance at an Annual or Special Meeting of the Members.

ARTICLE VII – Amendments

This Constitution may be amended at any time and from time to time by an affirmative vote of two-thirds of the members of the Class present in person or by proxy at any Annual or Special Meeting of the members; *provided* that the text of any proposed amendment shall have been distributed to such members at least thirty (30) days prior to the vote on such amendment. Amendments may be proposed for consideration at such meetings by the President, the Board of Directors or any three (3) members in good standing. This Constitution shall not be amended to deprive the Class of its status as a non-profit association.

BY-LAWS
THE HIGHLANDER INTERNATIONAL CLASS ASSOCIATION
Amended and Restated On July 22, 2001

Article I – Name and Office

The name of the Association is the Highlander International Class Association (the "Class").

The post address of the Class shall be determined, from time to time, by the Directors and published in *The Highlander*, the official publication of the Class.

Article II – Members

1. Classes. There shall be eight (8) classes of members of the Class:

Life Members – registered owners (as defined below) previously granted life membership. (Life memberships are no longer available.)

Life Associate Members –members previously granted life membership who do not own a boat. (Life memberships are no longer available.)

Active Members – limited to individual registered owners or the designated co-owner (as defined below) of a "Highlander" (as defined herein) and Life Members.

Co-Owner Members – a co-owner of a Highlander who is not designated to be the Active Member.

Family Members – member of the Class as the result of a family relationship (as defined below) with an Active Member.

Associate Members – individuals interested in the welfare of the class who do not qualify as an owner or for another class of membership.

Junior Members – limited to individuals until the calendar year after they attain their 22nd birthday.

Corporate Members – limited to non-profit or similar organizations that desire to support the Class.

The term "Members" when used in these By-laws without further qualification shall refer to members of every class.

2. Voting. Every Life Member and Active Member shall be entitled to one vote on each matter to come before any meeting of the Members except as otherwise provided in the Constitution or By-laws. All Members who are then current with regard to the payment of dues and assessments shall be entitled to all other rights of membership in the Class, except as expressly limited herein.

3. Dues. Membership dues are as follows:

<i>Life Members</i> –	\$ 0.00
<i>Life Associate Members</i> –	\$ 0.00
<i>Active Members</i> –	\$40.00
<i>Co-owners</i> –	\$25.00
<i>Family Members</i> –	\$ 0.00
<i>Associate Members</i> –	\$25.00
<i>Junior Members</i> –	\$10.00
<i>Corporate Members</i> –	\$10.00

Due shall be delinquent unless received by the Class prior to the last day of February of each year.

4. Owner. An individual is an owner of a Highlander if the owner has title to such a yacht or is a bona fide charter party of such a yacht under a written charter with a term of no less than twelve (12) months and such charter has been filed with the Secretary of the Class. Where title to such a yacht is owned in good faith by more than one person, the co-owners shall designate one, and only one, such co-owner to hold the Active Membership. All other co-owners may become Co-owner Members upon application and payment of dues. Members of the immediate family of an Active Member are considered to be Family Members. Members of the immediate family are defined as the spouse and children of the Active Member. In certain cases as prescribed in the Rules Governing Highlander Racing, Members may be entitled to participate in sanctioned events in a Highlander owned by a yacht club or other sailing organization, if notice of such ownership has been given to the Class.

5. Open Membership. Membership in the Class shall be determined without regard to race, sex, religion, or national origin.

Article III – Meeting of Members

1. Place of Meetings. All meetings of members of the Class shall be held at such place, as may be determined by the Board and specified in the notices or waivers of notice thereof, or proxies to represent members thereat.

2. Meetings.

Annual -- The annual meeting of members (the "AGM") shall be held in conjunction with the National Champion Regatta. Any and all business of any nature or character may be transacted and action may be taken thereon at any annual meeting, except as otherwise provided by law or the By-Laws.

Special -- Special meetings of members may be called by the President or by a majority of all members of the Board, or by written petition of not less than twenty Active Members. At any special meeting of the members, no business other than that for which the meeting is called shall be transacted.

3. Notice of Meetings. Written or printed notice stating the place, day and hour of a meeting and, in case of a special meeting, the purpose or purposes for which the meeting

is called shall be delivered or mailed by the Secretary to each Active Member of record of the Class at such address as appears upon the records of the Class, at least ten (10) days before the date of the meeting. Notice of any meeting is waived if the waiver is in writing and is filed with the Secretary of the Class, the Member is present at the meeting or the Member is represented at the meeting by proxy. Such notices may be, but need not be, included in a newsletter or other publication regularly distributed to the members.

4. *Voting Rights.* Every Active Member and Life Member of the Class in good standing, shall have the right to one vote on each matter to come before any meeting of the members of the Class except to the extent the Articles of Incorporation or By-Laws appropriately provide specifically otherwise.

5. *Proxies.* An Active Member in good standing is entitled to vote either in person or by proxy, executed in writing by such Member and delivered to the Secretary of the meeting. No proxy shall be valid after eleven (11) months from the date of its execution unless a longer time is expressly provided therein.

6. *Quorum and Adjournments.* At all meetings of Members, ten percent (10%) of the Members entitled to vote at a meeting, represented in person or by proxy, shall constitute a quorum. Any meeting of Members, including the AGM and special meetings and any adjournments thereof, by a majority vote of those present, may be adjourned to a later date without notice other than announcement at the meeting even though less than a quorum be present.

7. *Voting Lists.* The Executive Secretary-Treasurer of the Class shall at all times keep a complete and accurate list of the members of the Class entitled to vote by the Constitution or By-laws. Such list shall be on file in the registered office of the Class and subject to inspection by any member for any proper purpose at any reasonable time.

8. *Action by Written Consent.* Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if, prior to such action, a written consent thereto, setting forth the action so taken, is signed by all the members entitled to vote with respect to the subject matter thereof, and such written consent is filed with the minutes of the proceedings of the members. Such consent shall have the same effect as a unanimous vote of the members.

9. *Earnings and Compensation.* A Member shall not receive any earnings from the Class but may receive reasonable compensation for services rendered to or for the Class as provided in the By-laws and Constitution and may also receive payments of principal and interest on monies loaned or advanced to the Class.

10. *Membership Stickers.* Upon receipt of dues from Active Members, the Executive Secretary-Treasurer of the Class shall issue official membership stickers. These stickers shall be affixed to the upper starboard corner of the transom of the Highlander.

Article IV – Board of Directors

1. Management of the Class.

The business and affairs of the Class shall be managed by the Board of Directors (the “Board”). The Board shall have the power and authority to do all things not expressly reserved to the Members by the Constitution and the By-laws.

Without limiting the foregoing, the Board shall have the power to: interpret the Constitution, By-laws and Rules; conduct all business and determine policy of the Class; determine depositaries for Class funds; serve as the final Board of Appeals in disputes over constitutional rights and determinations of questions involving interpretation of the Constitution, By-laws, Rules and Specifications. Its rulings shall be binding and final and may only be reversed by formal amendment of the Constitution, By-Laws, Rules or Specifications. The Board shall sanction races; shall pass on eligibility of committees; shall grant fleet charters; approve depositaries. The Board may make necessary rules, regulations for the regulation and government of the business affairs of the Class.

2. Membership and Qualifications.

The Board shall consist of the Commodore, the elected Officers, the current National Champion, an Associate Member, and four other Active Members who shall be designated as “Directors.”

3. Term of Office.

An Officer shall serve on the Board during the Officer’s term of office. The Associate Member shall serve a one-year term. The four Directors shall each serve for a two (2) year term, and the terms shall be staggered. Every Board member shall continue to serve until his or her successor shall be duly elected and qualified, but may resign or be removed at any time, with or without cause, by the vote of a majority of the Active Members or a two-thirds (2/3) vote of the other members of the Board. Term or office for all officers and board members shall commence on the day following the completion of the National Championship regatta.

3. Vacancies.

Vacancies occurring in the membership of the Board caused by resignation, death, removal, or otherwise shall be filled by a majority vote of the remaining members of the Board and each director so elected shall serve until the expiration of the term of the director replaced, or until a successor shall have been duly elected and qualified.

4. Regular Meetings.

Regular meetings shall be held at such times and places as may be determined by the President or the Board. At least one regular meeting shall be held each year.

5. Special Meetings.

Special meetings of the Board may be called by the President or four (4) or more members of the Board at any place, upon twenty-four (24) hours notice, specifying the time, place and general purposes of the meeting, given to each director personally,

including electronically (if receipt is confirmed); or notice may be given by mail if mailed at least ten (10) days before such meeting.

6. *Waiver of Notice.*

Any director may waive notice of any meeting in writing. Attendance by a director at any meeting shall constitute a waiver of notice of such meeting.

7. *Quorum.*

Except as may otherwise be required by the Constitution, the By-Laws, or by law, a majority of the entire Board then qualified and acting shall constitute a quorum and be sufficient for the transaction of business, and any act of the majority of the directors present at a meeting at which a quorum shall be present shall be the act of the Board. A majority of the directors present may adjourn any meeting from time to time. Notice of any adjourned meeting need not be given other than by announcement at the time of adjournment.

8. *Action by Written Consent.*

Any action required or permitted to be taken at any meeting of the Board may be taken without a meeting if, prior to such action, a written consent, setting forth the action so taken, is signed by all of the members of the Board entitled to vote with respect to the subject matter thereof, and such written consent is filed with the minutes of the proceedings of the Board. Such consent shall have the same effect as a unanimous vote of the Board.

9. *Meeting by Telephone or Similar Communications Equipment.*

Directors may participate in and hold a meeting by means of a conference telephone or similar communication equipment by which all persons participating in the meeting can communicate with each other. Participation by these means constitutes presence in person at the meeting.

10. *Committees.*

A. *Standing*

Nomination Committee - The Nominating Committee shall consist of the Commodore, who shall act as Chairman, the President and two Active Members. The Active Member of this committee shall represent Fleets other than those of the Commodore and the President, shall be elected at the AGM and shall serve staggered two year terms. Vacancies in this committee shall be filled by the Board, their appointee to serve for the balance of the term of the vacancy. The Nominating Committee shall nominate qualified persons for election to the offices of the Class at the AGM. The Nominating Committee shall include in such nominations the name of any person(s) nominated in a writing signed by any three (3) active members if such writing is received at least 45 days prior to the AGM. The Nominating Committee shall cause all nominations to be communicated to the Editor of the *Highlander* for inclusion in an issue mailed to the Members prior to the AGM.

Measurement Committee - The Measurement Committee shall serve under the chairmanship of the Chief Measurer. The Measurement Committee shall be appointed by the Chief Measurer and approved by the Board. It shall review all matters referred to it and report thereon to the Class at the next AGM with its recommendations. If so instructed by the Members, the Measurement Committee shall draft appropriate proposed amendments for ratification at a subsequent AGM or Special Meeting.

National Race Committee - The National Race Committee shall consist of a Chairman appointed by the Board and two members appointed by said Chairman plus the Chairman of the host National Championship Committee and the National Champion. The Committee shall be appointed and established so that contact shall be made with the host club at least six months before the National Championship Regatta. It will work beginning in earnest six months in advance with the host club of a regatta and assure proper procedures for running the regatta. The National Race Committee shall have direct jurisdiction over all matters pertaining to the management of the current National Championship Regatta, but its power shall not exceed to other matters nor shall it revoke Board rulings. This Committee shall see that all business referring to the National Championship Regatta which is brought before them by the members shall be disposed of by the evening of the day of the last race of the National Championship Regatta at which time the National Race Committee for that year may be disbanded.

The National Race Committee shall not be empowered to hear protests or appeals. The Chairman shall preside at all deliberations of the Committee and a majority of members shall constitute a quorum. All questions shall be decided by majority decision. All decisions made by that Committee while in session shall be final unless appealed as provided by the RGHR or RRS.

Budget Committee - The Budget Committee shall consist of the President, the Treasurer and the Executive Secretary-Treasurer of the Association and any other members appointed by the President. This Committee shall prepare a budget for the ensuing year. As soon as approved by the Board the budget shall be published.

Amendments Committee - This Committee shall be appointed by the President. It shall process all proposed amendments to the Constitution, By-Laws, Rules and Specifications, and may independently initiate any changes, revisions or amendments which may seem indicated. It does not have any power to enact such changes, revisions or amendments but only to make recommendations to be submitted to the membership.

Publicity and Promotion Committee - This Committee shall be appointed by the President and shall be responsible for promotion of the Class and Class publicity at local, regional, or national levels. They shall see that news of Class activities and regional and national regattas is circulated to appropriate yachting publications and other news media. They shall also be responsible for assisting in the development of new fleets, stimulating participation and activity in all fleets and promoting the growth of the Class.

B. Executive and Other Committees

The Board may from time to time, by resolution adopted by a majority of the actual number of directors elected and qualified, designate and constitute an Executive Committee of the elected Officers and two (2) or more Directors of to manage and

control the affairs of the Class between the meetings of the Directors and such other committees of two (2) or more Directors (which may also include non-Directors but which shall be chaired by a Director), as the Board shall deem desirable for the furtherance of the purposes of the Class. Such committees shall have the powers and authority and shall perform the duties specified in the resolutions. The President shall appoint the Chairman of each committee. The designation of the committees and the delegation of authority thereto shall not operate to relieve the Board, or any member thereof, of any responsibility imposed by law.

11. Compensation.

The Directors shall receive no compensation for services rendered as directors and shall be entitled to reimbursement of reasonable expenses actually incurred in the performance of such services to the Class. A director may also serve the Class in any other capacity and shall be entitled to receive such compensation for services actually rendered to the Class in any capacity other than as a director, as may be provided from time to time by resolution of the Board not inconsistent with these By-laws. Notwithstanding the foregoing, no compensation shall be paid to any individual that would be prohibited by the Internal Revenue Code of 1986, as amended.

12. Resignation by Absence.

A director who fails to attend three (3) consecutive meetings (either regular or special meetings) of the Board shall be considered to have voluntarily resigned from the Board unless such director shall present to the Board in writing good and sufficient reason for such absence. The Secretary shall notify in writing a director who has missed three (3) consecutive meetings that he or she has ten (10) calendar days after receipt of such notice to explain his or her absence to the Board of Directors. The Board shall be the sole judge of whether or not such absence was for "good and sufficient reason." In the event the absent director does not contact the Board within ten (10) calendar days or in the event the Board finds that the absence was not for good and sufficient reason, such director shall be considered to have voluntarily resigned and the vacancy shall be filled as provided in this Article.

Article V - Officers

1. Elected Officers. The elected officers of the Class shall be Active Members and shall be a President, Vice President, a Secretary, a Treasurer and a Chief Measurer. The immediate past President shall be, ex officio, the Commodore.

2. Election, Appointment and Terms. Each elected officer shall be elected by the Active Members at the AGM and shall hold office until the next AGM or until his or her successor shall have been elected and qualified, or until death, resignation or removal. Any officer may be removed at any time, with or without cause, by the vote of a majority of the Active Members present at an annual or special meeting.

3. Appointed Officers. The President, with the consent of the Board, shall appoint an Executive Secretary-Treasurer and the Editor of The Highlander. The Board may from

time to time create additional offices, including offices of Assistant Secretaries, Assistant Treasurer and Webmaster, as it shall deem necessary or appropriate. It may appoint persons to such offices with duties and powers as it shall determine or as may be provided in these By-laws. The appointed Officers shall attend each meeting of the Board, but shall not be voting members of the Board.

4. Vacancies. Whenever any vacancies shall occur in any office by death, resignation, increase in the number of elected officers of the Class, or otherwise, the same shall be filled by the Board, and the officer so elected or appointed shall hold office until his or her successor is elected or appointed and qualified, or until death, resignation or removal.

5. Compensation. Elected Officers shall not receive any compensation for their services, but if so provided by a resolution of the Board, may be reimbursed by the Class for their reasonable expenses and disbursements on behalf of the Class. Appointed Officers shall receive such compensation as the Board may determine.

6. Duties of the Officers

Commodore. The Commodore shall be the immediate past President of the Class, and may preside over the AGM next following his term as President.

President. The President shall have general and active supervision, control and management of the day to day affairs of the Class, subject to the orders and resolutions of the Board; shall see that all orders and resolutions of the Board are carried into effect; shall preside at all meetings of the members and of the Board; and shall perform such other duties as the Board of Directors may assign from time to time.

Vice President. The Vice President shall assist the President and shall perform such duties as may be assigned by the Board or the President. In the absence or disability of the President, the Vice President shall perform the duties of the President.

Secretary. The Secretary shall attend all meetings of the Board and of the Members and shall act as Secretary of such meetings; shall give or cause to be given all notices provided for in the By-laws or required by law; shall record all votes and the minutes of all proceedings of the meetings of Members and the Board in a book or books to be kept for that purpose; shall be custodian of the books and records (except for financial books and records) and, if there is one, the seal of the Class; and in general, shall exercise all powers and perform all duties as may be, from time to time, assigned by the Board or the President. The Secretary of the Class shall maintain a permanent record of each Highlander, showing number, name and ownership. All or any part of the foregoing duties may be delegated to the Executive Secretary-Treasurer.

Treasurer. The Treasurer shall keep correct and complete records of account showing accurately at all times the receipts, expenditures and financial condition of the Class; shall be the custodian of the corporate funds and securities; shall deposit, in the name of and to the credit of the Class, all moneys of the Class in such depositories as may be designated by the Board; shall disburse the funds of the Class as may be ordered by the Board or by the President; and in general, shall exercise all powers and perform all duties

customarily incident to such office and such other powers and duties as may from time to time be assigned by the Board or by the President. All or any part of the foregoing duties may be delegated to the Executive Secretary-Treasurer.

Chief Measurer. The Chief Measurer shall be the Chairman of the Measurement Committee as defined elsewhere and shall be in charge of all certified measurers. He shall grant or reject all measurement certificates and issue duplicates when necessary. He shall be the custodian of the official specifications and shall be responsible for keeping them up-to-date. He shall be responsible for answering questions about measurement rules and shall interpret the rules and regulations concerning construction, sail plan, rigging, and equipment; however, he shall not approve changes in construction specifications, sail plan or rigging. He may also make rulings on matters not specifically covered in the official plans and specifications. When such rulings involve a positive change in existing specifications they shall be subject to the approval of the membership as provided herein.

Executive Secretary-Treasurer. The Executive Secretary shall cooperate with the Secretary and the Treasurer of the Class to collect dues, maintain a system of records, keep roles of Fleet Membership and Class Membership, mail *The Highlander* and other official publications of the Class and carry out such other duties as may be designated from time-to-time by the President or the Board. He will deposit Class funds in a depository approved by the Treasurer and the Board.

Editor of The Highlander. The Editor of *The Highlander* may attend all meetings of the Board and participate in its discussions and activities.

7. Delegation of Authority. In case of the absence of any officer of the Board, or for any other reason that the Board may deem sufficient, the Board may transfer or delegate the powers or duties of any officer to any other officer or officers for such length of time as the Board shall determine.

Article VI – Election of Officers and Directors; Indemnification

1. Elections. At the AGM, the Active Members, in person or by proxy, shall vote for the election of those persons nominated by the Nominating Committee to be elected to the offices for which they have been nominated. The Executive Secretary-Secretary shall prepare, collect and tabulate appropriate ballots for this purpose.

2. Indemnification. The Class shall indemnify and hold harmless any Officer or Director who acts in good faith and in a manner he reasonably believed to be in, or not opposed to, the best interests of the Class against expenses (including attorneys' fees), judgments, fines, penalties, court costs and amounts paid in settlement actually and reasonably incurred by him in connection with any action, suit or proceeding arising from, or connected with, service as an Officer or Director of the Class.

Article VII – Fleet Organization

1. Chartering of Fleets. Any three Active Members may be granted a Fleet Charter upon application to the Board and upon payment of such charges as may be fixed by the Class. Fleet Charters may be suspended for cause by the Board but may be revoked only by the Active Members at an AGM for good cause.

2. Regulation. Each Fleet shall have the power to accept or reject for adequate cause, applications for membership to the Fleet. Each Fleet shall be self-governing in all matters not conflicting with Class rules. Each Fleet shall elect such officers as it deems appropriate.

3. Savings Clause. The adoption of these amended and restated By-laws shall have no effect upon the validity or existence of each Fleet in existence and active on the date of such adoption.

Article VIII – Definition of a Highlander

1. General. A Highlander is a sailing sloop constructed and maintained in strict accordance with the Specifications (as herein provided.) No yacht shall be eligible to enter any race where Highlanders race as a class until an approved Certificate of Measurement and Registration has been granted to the owner of the Highlander. No boat may be represented to be, or entered in any race as, a Highlander, or at any time display the Highlander emblem upon its sails or otherwise, without such Certificate. For the benefit of owners and prospective owners, the Class shall take whatever steps may be necessary to protect the Highlander name and emblem from unauthorized use.

2. Type Certification-Existing Boats. Upon the purchase of a Highlander for which there is no certificate on file with the Class, the boat must be measured. An Active Member must witness the measurement and sign the measurement record sheet(s) certifying the accuracy of the measurements. The new owner will forward the measurement record sheet(s) along with ownership and co-ownership information, to the Executive Secretary-Treasurer of the Class. If the measurements are not in accordance with the official specification, the measurement record sheets will be returned to the new owner(s) with notification of any errors. If acceptable, the Executive Secretary-Treasurer of the Class will prepare the Measurement and Registration Certificate in duplicate. Either the Chief Measurer or Executive Secretary/Treasurer of the Class shall sign the Certificate. One copy will be returned to the new owner and the other retained in the files of the Class.

3. Type Certification – New Boats. Before starting construction of a new Highlander, the licensed/certified builder shall make application from the Executive Secretary-Treasurer of the Class for a hull number. After construction of a new Highlander yacht, the licensed/certified builder shall forward a request containing appropriate information to the Class for a Measurement and Registration Certificate and shall pay any designated royalties to the Class. The Executive Secretary-Treasurer of the Class will prepare the Measurement and Registration Certificate in duplicate. Either the Chief Measurer or Executive Secretary-Treasurer shall sign the Certificate. One copy will be forwarded to the buyer and the other retained in the files of the Class. The Chief Measurer shall certify a builder of Highlander boats licensed by the Class. Such certification shall be carried out at the builder's place of business and shall include, but not be limited to, certification of all measurements (per the Specifications) of boats and associated components produced from molds, patterns, and dies owned by the Class. Certification of the builder shall be carried out with the first purchase order received by the builder after August 2, 1998. This certification shall be in effect for a period of approximately three (3) years for the receipt of

that order, or until rescinded by the Class, whichever occurs first. Re-certification shall occur every three (3) years thereafter

4. Transfers. In the event of any ownership change for a Highlander for which there is an official Certificate on file with the Class, the Certificate must be transferred and/or updated to reflect such ownership changes. Written notice of all ownership changes must be made to the Executive Secretary-Treasurer. The selling owner shall send his/her copy of the official Certificate describing the proposed ownership changes to the Executive Secretary-Treasurer. If acceptable, the Executive Secretary-Treasurer will prepare a new Measurement and registration Certificate in duplicate. The Chief Measurer or Executive Secretary-Treasurer will sign the Certificate. One copy will be returned to the new boat owner(s) and the other retained in the files of the Class.

Article IX – The Specifications

1. Drawings. The official specifications of the class consist of a series of drawings, signed by the Chief Measurer. Copies may be obtained from the Secretary in exchange for the cost of reproduction.

2. Rulings. Specifications, however complete, cannot anticipate every possible situation that may arise. If a point is not covered therein or governed by the dictates of common sense, a ruling must be obtained from the Chief Measurer. The Chief Measurer shall use best efforts, to maintain the Highlander as a rigid one-design class.

3. Amendments To Specification. The Chief Measurer may propose amendments to the Specifications to the Active Members at an AGM or Special Meeting. Approval of such amendments shall require the affirmative vote of the two-thirds of the Active Members present in person or by proxy at such meeting.

4. Retroactive Effect. No change to the Specifications shall have the effect of revoking a previously issued Measurement and Registration Certificate and the boat subject to such certificate shall continue to be a Highlander absent reasonable evidence of alterations, erroneous measurements, or falsified measurements. However, the National Race Committee, and any local Race Committee provided such requirement is stated in the notice of race, may limited participation in an event to Highlanders that comply with the Specifications as they exist at the time of the event.

Article X – Incorporation of the Rules of Highlander Racing

The Rules of Highlander Racing are incorporated into these By-laws by reference.

Article XI– Amendments of By-Laws and Rules

1. Notice of Proposed Amendment. The Board, the elected Officers, and any Active Member shall have the right to propose an amendment or amendments to the By-laws. Notice of such proposed amendment shall be given at least thirty (30) days' prior to the meeting at which the amendment is considered and the full text of the proposed amendment shall be included in such notice.

2. Required Vote. These By-laws may be amended at any AGM or special meeting of the members, upon the affirmative vote of the majority of the Active Members present at such meeting in person or by proxy.

3. The preceding paragraphs notwithstanding, the Executive Committee shall be empowered to change, alter or amend the Specification section of the Bylaws for the purpose of clarification or to insure maintenance of the "One Design" principal of sailboat racing. They may make such changes, alterations or amendments only for these purposes.

4. The preceding paragraphs notwithstanding, the Executive Committee shall have the power, by $\frac{3}{4}$ vote of its' members to amend, alter or suspend one or more of the RGHR. Provided the proposed change has been published in the Highlander Magazine, or otherwise conveyed to the membership 30 days prior to the official vote. By similar vote the Executive Committee may suspend a Rule for any one race or regatta without preceding publication. But such suspension of a rule must then be ratified by the membership at large to become permanent.

ARTICLE I - SCOPE OF APPLICATION OF THE RACING RULES

These rules shall apply to all sanctioned Highlander regattas as defined in Article IV of these rules, and as specified in other races where Highlanders race as a class

ARTICLE II – ELIGIBILITY**1. *The Boat***

A. A boat must be measured, certified and registered as specified in Article VIII, DEFINITION OF A HIGHLANDER, of the By Laws, to participate in any race where Highlanders race as a class.

B. The Class's Certification shall be binding upon the organization conducting races for the Highlander class. Except for the Nationals, a boat holding such certificate shall not be subject to re-measurement or protest of measurements unless there is reasonable evidence of alterations, erroneous measurements, or falsified measurements. The responsibility for measurement fee in such cases shall be according to the Racing Rules of Sailing.

2. *The Sails*

A. The purchase or use of new sails by Highlander owners shall be limited to one jib, main, and spinnaker in any calendar year, except that one additional suit of sails may be purchased or used for any Highlander during its first sailing season.

B. In case of accident to sails, the owner may petition the Chief Measurer to permit purchase of an additional sail replacing the one so damaged.

3. *The Helmsman*

The helmsman of a boat in a sanctioned regatta must be an Active Member, Life Member, a Junior Member, Associate Member, the immediate family of an Active Member, or a Co-Owner, as defined in ARTICLE II - MEMBERS of the By Laws. Associate members are eligible to compete in two regattas and the National Championship during a calendar year. Neither helmsman nor any crewmember may be a Group 3 competitor as defined in International Sailing Federation Classification Code.

ARTICLE III - RACING RULES

The International Sailing Federation's Racing Rules of Sailing, Prescriptions by the United States Sailing Association (RRS) and Highlander Class International Association rules shall govern sanctioned regattas. CLASS rules have precedence where permitted by RRS. The local authority may add racing rules as long as they do not conflict with, or change RRS 86 or CLASS Rules Governing Highlander Racing Articles I, II, III, IV and V (except Article V paragraph.7)

ARTICLE IV - SANCTIONED EVENTS

The Board may sanction a regatta provided that it meets the following conditions:

It is open to all Highlanders

It will be conducted according to these rules.

The event is organized by, or in conjunction with a fleet chartered in accordance with ARTICLE VII of the By Laws or approved by a vote of the Board.

The event organizers have requested and received permission to announce the event as sanctioned.

The Board may waive any of the foregoing or withdraw sanction from any event for cause, even if the event has already been conducted.

Club and local races need not be sanctioned.

ARTICLE V - GENERAL RACING REGULATIONS

1. A Highlander must carry the following when racing.
 - a. One anchor with the holding power of a fluke type anchor with 4-pound minimum weight. Attached to a minimum of 100 ft. $\frac{1}{4}$ " nylon (or equivalent) strength line.
 - b. One USCG approved personal flotation device for each person aboard. Type III is preferred.
 - c. One USCG approved Type IV PFD throwable flotation device (ring or cushion) with an attached sound device.
 - d. At least two bailing devices with a combined minimum capacity of two gallons. One must be a bucket with a minimum capacity of one gallon.
 - e. One USCG approved distress flag. For use in waters where required by law.
 - f. A minimum of two useable paddles.

The National Race Committee or the Chief Measurer or, in their absence, the local race committee shall make the final decision on the equivalency of any safety equipment.

2. No dead weight can be carried as stationary or shifting ballast except weight installed as prescribed in paragraph 3 of the Highlander Class Specifications to bring the boat to the minimum weight.

3. All sails must meet Highlander specifications and have royalty tags. Only one spinnaker may be carried on board during a race.

4. There must be a minimum of the helmsman and one crewmember on board the boat in all races. There is no limit on the maximum number of people on board beyond your own judgment of the number that is safe.

5. The same person shall handle the helm of a given boat throughout a race except during temporary adjustment of the rigging or equipment or when flying the spinnaker.

Different persons may be helmsman of a boat during a regatta provided the rotation of helmsman is submitted to the Race Committee (RC) at the skippers meeting. Out of order helmsman will be disqualified. This rule does not apply for the Nationals.

6. A boat must carry the same number of crew for all races of the regatta. There shall be no planned crew substitution during a regatta unless the proposed substitution is approved by a majority of the Highlander skippers registered for the event at the skippers meeting. Any later emergency substitutions may be protested, and be decided by a protest committee. The Protest committee will disqualify a boat, which improved its weight for the conditions. Crew substitutions in the National Championship are covered by the rules for the National Championship.

7. Regatta organizers shall provide essentially equal in-water mooring or dry sailing facilities for all participants at a regatta.

8. All sanctioned regattas, including the National Championship, shall be scored using the Low Point Scoring System in RRS Appendix A. The National Championship has special conditions described later.

9. Changes to sailing instructions must be posted no later than two hours prior to the warning signal of the first race of the day that they will take effect and may not be changed until the final race of the day has been completed. Changes to the race schedule must be posted no later than 1900 hours on the day before they will take effect.

ARTICLE VI - THE NATIONAL CHAMPIONSHIP

1. Purpose - The National Championship is to be conducted annually to determine the National Champion of the Highlander Class.

2. Selection of Location - The selection of the site for the National Championship shall be made according to the following:

- a. The same fleet should not host the National Championship in two consecutive years.
- b. The National Championship should not be held for more than two consecutive years in the same type of sailing conditions (i.e. small inland lake, sheltered portion of a large body of water, or open water of a large lake such as a Great Lake). Every effort should be made to annually move the site to a variety of locations in various parts of the country.

- c. The Championship must be held where an active fleet can assume responsibility for all local arrangements.
- d. Proposals to sponsor the following year's Championship should be made by an active fleet at the annual business meeting. Selection of site shall be made by the Board or, at the discretion of the President by vote of the Active Members present at the annual meeting. The selection of the site shall be made as soon as possible following the presentation of proposals for sponsorship.
- e. The responsibility for selecting the site and hosting future Highlander National Championship Regattas shall be assigned on a rotating basis. Active Highlander fleets are divided into four regions, with each region assuming full responsibility for hosting the Nationals once every four years. The obligation of each region is to select an appropriate site and function as host fleet(s) in all capacities, in accordance with Article VI of the rules Governing Highlander Racing. The region is not necessarily obligated to host the Nationals at an active fleet's own sailing site. The Board shall divide active fleets into regional quadrants and review assignments annually. The regional fleet structure shall be announced at the Annual meeting held during the National Championship.

3. Race Committee -- The National Race Committee shall be in charge of the National Championship series, working in association with a local race committee of the host fleet or club sponsoring the regatta. The local race committee shall have sole responsibility for the management of all the on-the-water aspects of the regatta. The host fleet or club shall be responsible for arranging and providing for racing conditions, proper facilities, entertainment, prizes, etc. The National Race Committee shall oversee the overall management of the regatta and shall provide guidance and direction to the local race committee to ensure that the rules and best interests of the Highlander class are followed.

4. Nationals Schedule – The National Championship Regatta should be sailed during the months of July or August. Following is a suggested schedule for the regatta, however the Board may modify this schedule and sponsoring fleets may propose alternate schedules to the Board for approval.

Saturday	Registration and Measurement
Sunday	Registration, Measurement, and Practice Race
Monday	Up to Three Races
Tuesday	Up to Three Races
Wednesday	Up to Three Races
Thursday	Makeup Race, Juniors, Masters, and Women's

The desired National Championship Series is one of at least seven races. However, if conditions preclude the completion of seven races prescribed in the Sailing Instructions, then a minimum of three races must be completed to constitute a National Championship. The warning signal for any race shall not be sounded after 4:30 PM.

If circumstances do not permit the sailing of the minimum number of races, The National Championship will be rescheduled at a site and time decided by the Executive Board. The rescheduled regatta shall be sailed as a new regatta with all previous scores eliminated and shall be scheduled to have a minimum of three races.

5. Courses -- The preferred courses will be one of the following. If the local conditions preclude these courses, the local race committee may set an alternate course adaptable to local conditions.

a. An Olympic type course consisting of an isosceles triangle consisting of a beat, reach, reach, beat, run, and beat. The number of legs may be adjusted to fit the conditions. The amount of time required to sail the course should be approximately an hour and fifteen minutes.

b. A Windward Leeward course with an offset mark, and possibly a leeward gate. The number of legs may be adjusted to fit the conditions. The amount of time required to sail the course should be approximately an hour and fifteen minutes

The course may be shortened due only to weather or other conditions which would preclude safety or meeting the time limit. The shortened course should consist of at least two thirds of the length of the original course. It is not necessary for the Championship and President's Division to have the same number of races or identical courses.

6. Crew - The skipper and crew must be registered with the National Race Committee prior to the first race. The number of persons allowed in a boat shall not be less than two and not more than four. The same crew must be carried throughout all races of the regatta. If emergency substitutions are made the following conditions must be met.

- a. The boat with a substitute crew must not significantly improve its skill or weight because of the crew switch.
- b. The substitution is requested in writing and approved by the National Race Committee prior to the start of the first race. This request must indicate which crew member will be replaced and by whom, the weights and a summary of the sailing ability of the persons involved in the substitution, and the dates and times for which the change shall apply and the reason for the substitution.
- c. In the case of illness or injury or anything else which make it impossible for a boat to race with the same crew members, and if subparagraph 6.b. above cannot be met, the boat may conditionally sail with substitute crew, provided the Local Race Committee is informed of the situation prior to the warning gun. Upon being informed of such a situation, the Local Race Committee shall protest the yacht. The Protest Committee shall make the decision, as to whether the substitution was made in accordance with subparagraph 6a above and therefore shall be allowed. If the substitution is approved, the boat shall be awarded its finish, if not, it shall be disqualified. This approval for emergency replacement must be obtained for each race.

In all circumstances the original crew must be reinstated in the first possible race

7. Measurement - All boats registered in the National Championship shall be subject to measurement and approval by the Chief Measurer. The Chief Measurer shall select items or specifications to be measured or checked at the National Championship.

The Chief measurer may give preference to measuring some of the following: (However, all measurements and specifications are subject to examination at the discretion of the Chief Measurer.)

- a) All up hull weight
- b) Centerboard weight
- c) Centerboard thickness
- d) Trailing edge diameter of centerboard
- f) Rudder thickness
- g) Rudder profile outline
- h) J measurement
- i) Z measurement

At the discretion of the Chief Measurer, all sails shall be measured at the first National Championship during which the sail is employed and on alternating years thereafter, unless repaired, adjusted or modified.

If any boat or equipment does not meet the specifications, it shall be prohibited from sailing in the National Championship regatta, unless the National Race Committee, Chief Measurer and Board members present, acting in concert, give special temporary permission.

In the case of irreparable damage to a measured boat or other equipment, which is sufficient to prohibit continued participation, substitution of any necessary part, including the hull, may be made provided that the Chief Measurer and the National Race committee, in concert, grant temporary approval

8. Sails --

a. Two complete suits of sails may be registered for the Nationals, however; only one spinnaker may be used. The second spinnaker may be used only in the event of irreparable damage to or loss of the first.

b. If any sails are borrowed and new in the current year then they count as new sails and are subject to the limitation on new sails for a skipper. The borrowed sail number may be different than the boat's number, but the sail number must be different from any other boat registered to avoid confusion. The boat will be recorded by its sail number. A skipper may register another boat's sail as his second sail.

9. Time Limit - The time limit for each race shall be up to three hours for the first boat to finish and up to 45 minutes for the first boat to round the first mark. Failure to meet the prescribed time limits shall result in abandonment of the race. Boats not

finishing within 45 minutes of the first boat will be scored DNF. After the Championship and President's Divisions have been determined, each division's races shall stand on its own, therefore failure to meet the time limit by one division does not affect the other. (This modifies Highlander rule Article VI paragraph 11,section a)

10. Split Fleet System - The series shall be sailed as a two-division or split fleet series. The employment of this split fleet system may, however, be ruled against by a majority vote of the National Race Committee and Board acting in concert. The two-division system to be used is the following. The entire fleet will be split after the first three races on the basis of the best two finishes of the three races. The top half of the registered entries (plus one if there is an odd number of entrants) will be placed in the Championship Division. The remaining boats will be placed in the President's Division. Each of the fleets will sail separate races, usually over the same course with the President's Division starting about ten minutes after the Championship Division, except when a small number of entries warrants a single start. Should the wind shift after the Championship Division, the starting line will be reset to give the best possible start to the President's Division, but this change shall not affect the Championship Division race. Each division's racing will stand on its own without factors influencing the other, even if there is a single start. Races abandoned in one division will not affect racing in the other division. The Board may modify these procedures prior to issuance of the Notice of Race

11. Scoring -

- a. Scoring is low point system of RRS appendix A with one throw out if 7 or more races are sailed and completed. This rule is modified by Class rule Art VI paragraph 9. (Note: All National Sailing Instructions must make note of this change to RRS Appendix A)
- b. Prior to the splitting of the fleet the scoring shall be in accordance with Article VI, Paragraph 11.a above. In races following the split, boats in each Division shall be scored as a separate division. The boats in the President's and Championship Division shall have their scores from the first three races, when they raced against all boats, amended to reflect their finishes relative to only the other boats in their Division. Races sailed prior to the split as well as those sailed within the division shall count in the final scoring.

12. Penalties - The penalty for breaking a rule in RRS Part 2 is 720 degree turns.

13. Awards - The following perpetual rotating trophies shall be awarded following the completion of the series:

Championship Division:	First Place
	Second Place
	Third Place
	Fourth Place

		Fifth Place
President's Division:		First Place
		Second Place
		Third Place
Sail-A-Gair Trophy:		Awarded to the highest finishing skipper who is skippering in his or her first National Championship.
McLeod Trophy:		Awarded to the highest finishing all family boat. An all-family boat is defined as a boat where the skipper and crew are all members of the same family. Family members shall include only members of the immediate family (parents, spouses, siblings, children).
Piglet Trophy:		Awarded to the highest finishing all family boat, as defined above, In the President's Division.
Chapin Trophy:		Awarded to the highest finishing all family boat, as defined above, whose skipper is sailing in his or her first Nationals.
Bahama Mama Trophy:		Awarded to the highest finishing skipper who is under nineteen (19) years of age at the start of the regatta.
Corpus Christi Trophy:		Awarded to the highest finishing fleet, other than the host fleet with three or more boats participating. If no fleet has three boats, then the award shall be given to the highest finishing fleet. In order to determine the highest finishing fleet, each boat shall be awarded points according to the following:
	Place	Points
	First	Number of registered boats
	Second	Number of registered boats minus one
	Third	Number of registered boats minus two
	Last	One
	The fleet with the most points wins the trophy.	

In the event that there is no skipper or boat qualified to win one of the above awards, the award shall not be given and the National Race Committee Chairman shall hold the trophy until the following year's regatta.

Permanent trophies should also be awarded to the following:

- a. All Rotating Trophy Winners.
- b. All Crew on First Five Boats in the Championship Division
- c. Skippers Finishing in Sixth through Tenth Place in the Championship Division
- d. All Crew on First Three Boats in the President's Division
- e. Skippers Finishing in Fourth and Fifth Place in the President's Division
- f. Skippers Winning Races Prior to the Split Fleet, in the Championship Division and in the President's Division

The host fleet may, with the approval of the National Race Committee, alter which permanent trophies will be awarded.

14. Junior National Championship - Any Active or Junior Member of the Highlander Class International Association or sibling of an Active Member who has not obtained the age of 19 years at the start of the regatta date shall be eligible to compete as the skipper of a Highlander Class sloop in the Junior National Championship. The Junior National Championship shall consist of a series of races as shall be scheduled by the National Championship Committee. The Rules Governing Highlander Racing shall govern the Junior National Championship with the above eligibility.

15. Master National - Any Active Member of the Association who has obtained the age of 55 years at the start of the regatta date shall be eligible to compete as the skipper of a Highlander sloop in the Master National Championship. The Master National Championship shall consist of a series of races as shall be scheduled by the National Championship Committee. The Rules Governing Highlander Racing shall govern the Master National Championship with the above eligibility.

16. Women's National Championship – Any female who is an Active Member, Family Member, Junior Member, or Associate Member shall be eligible to compete as the skipper of a Highlander Class sloop in the Women's National Championship. The Women's National Championship shall consist of a series of races scheduled by the National Championship Committee. The Rules Governing Highlander Racing regatta shall govern the Woman's National Championship with the above eligibility.

The intent of this section is to clarify and add to what is shown in the official plans. In case of conflict between these specifications and the official plans, these specifications shall govern. It is impossible to foresee every conceivable innovation which may be thought of in the future or mention every suggestion that has been ruled illegal in the past. When in doubt, it must be assumed that anything in connection with the boat, sails and rigging which is not clearly covered by the official plans and specifications or published "Measurer's Rulings" is illegal and that a ruling must be obtained from the Chief Measurer before attempting such an innovation. All such decisions shall be made with the best interests of the class in mind, rather than any technical misconstruction of drawing or text.

The Association reserves the right to declare ineligible any boat which does not conform to the spirit as well as the letter of all rules and specifications.

1. The hull and spars must be constructed by a manufacturer licensed by the HCIA and shall comply with all of the certified measurements indicated in these specifications.
2. The boat number shall be cut into the keelson aft of the centerboard trunk in digits at least two inches high.
3. Minimum all up weight of the Highlander shall be 830 pounds. All up boat includes only hull, flotation, centerboard, rudder, tiller, mast, boom, main sheet, fixed hardware and standing rigging. Boats which weigh less than the minimum must be brought up to minimum by permanently attaching one-half of the increase forward of Station 6 and one-half of the increase aft of Station 14. Any other method of adding boat weight must be submitted to the Chief Measurer for approval in advance. Whatever, the method used, the weight shall be distributed over the hull and not placed in a single location.
4. The hull of a Highlander may be constructed of either a composite materials or wood and shall include sufficient flotation to support boat and crew when capsized.
5. SPARS:
 - (a) Mast shall be as shown in official drawings. It shall not weigh less than forty pounds, completely rigged with all halyards, stays and winches. If weight must be added to the mast to bring it to the minimum, this weight must be added so as not to lower the center of

gravity of the mast without the added weight. Minimum cross section of the mast shall not be less than 4 9/16 inches by 2 13/16 inches at any point between the bottom of the sail groove and the main halyard sheave.

- (b) Boom shall be as in official drawings (Figure 3).
- (c) The maximum length of the spinnaker pole, including fittings, shall be 84 inches. Only one spinnaker pole may be carried on board. Pole may be used as whisker pole on jib when spinnaker is not set.

6. The standing rigging shall conform to the official drawing without variation and shall not be adjusted in any way while racing. No change in the places of entry of the side shrouds into the deck, as called for in the official plans, shall be made.

7. RUNNING RIGGING:

- (a) No locking device aloft for halyards is permitted. Halyards must be secured in the bottom three feet of the mast or within the hull. Weight of sails must be carried on halyards while sails are set.
- (b) A separate spinnaker halyard shall be used, located either inside or external to the mast. It shall be located as shown on the drawings (Figure 3). The center of attachment of an external halyard must not exceed the maximum dimension and also must lie within the angle formed by the leading edge of the mast and a line that intersects the point of maximum allowable height and the bow at Station 0, excluding hardware.

8. CENTERBOARD:

- (a) Centerboard material is optional.
- (b) Cocking or jibing centerboards are disallowed.
- (c) Maximum weight 88 pounds, minimum weight 60 pounds.
- (d) Side profile shall conform to the official plans.
- (e) Method of hoist is optional.
- (f) Maximum thickness of the portion of the centerboard which is unhoisted when in the full-down position shall be 15/16 inch and the minimum thickness shall be 3/4 inch. The point of maximum thickness for each section shall be located at mid-chord \pm 1 inch.
- (g) Both the leading and trailing edges must be rounded and not less than 1/8 inch in diameter.

(h) Rollers shall be a minimum of 2 inches in diameter.

9. The centerboard trunk and slot shall be as designed. Centerboard shall be unrestricted in its travel on the trunk, i.e., no notches permitted in the centerboard trunk so as to lower the board in the water.

10. **RUDDER:**

- (a) Rudder material is optional.
- (b) Maximum thickness of blade portion extending below the bottom of the transom shall be 15/16 inch.
- (c) Kick-up rudders must be pinned in a full-down position in all National or sanctioned regattas.

11. Design of the tiller is optional. Hiking sticks are permitted.

12. A full width mainsheet traveler is permitted, provided it does not extend athwartship beyond the outside of the hull. All travelers must be located within two inches of the aft face of the transom.

13. **SAILS:**

- (a) **Measuring Sails**
 - (1) Sails shall be measured only when absolutely dry.
 - (2) All measurements shall be taken to outside of cloth, bolt-rope and headboard.
 - (3) All measurements shall be made with no tension is applied to the sail, but the cloth shall be smoothed out except that the luff and foot of the main and jib and the sides and foot of the spinnaker shall be measured under a five (5) pound tension.
 - (4) Mid-luff dimension of main and jib is found by folding the head down to the tack and marking the mid-point. The mid-leech likewise, is found by folding the head down to the clew and marking the mid-point. The sail is opened flat and measured to the edges of the sail at the marks.
 - (5) The measurement of the spinnaker midseam, mid girth and upper girth shall be taken when all interior seams are straight and parallel to each other. All three measurements of triangle required to measure each of the two girths shall be taken simultaneously and without regard for position of rest of sail. All measurements shall be taken without intervening opportunity for the stretching or shrinking of any dimension.

All measurements shall be made after sail is folded along the vertical middle seam and with the luffs conforming to each other.

(b) Mainsail

- (1) Mainsails shall be made from any woven fabric not less than 3.5 oz. per running yard, 28 1/2 inches wide.
- (2) Distance between seams is optional.
- (3) There are no minimum measurements. Maximum measurements are as shown on official drawings (Figure 3).
- (4) Up to four battens as shown on the official drawings (Figure 3) are permitted. The use of a full-length upper batten on mainsails a minimum of three years old is permitted. The location and angle of the full-length batten shall be the same as that of the original batten. The full-length top batten pocket may be installed on the opposite side of the original pocket, but only one batten may be used at any given time. The full-length batten shall be installed in a manner that will not change the curvature of the sail, as manufactured.
- (5) Placement and size of windows are optional providing that the total area not exceed six (6) square feet.
- (6) Holes for the purpose of reefing may be installed along the luff no higher than 3 feet 6 inches above the bolt-rope and along the leech no higher than 3 feet 9 inches. The leech hole measurement may vary from the luff hole measurement by no more than +/- 3 inches.

(c) Jib

- (1) Jibs shall be made from any woven fabric not less than 3.5 oz. per running yard, 28 1/2 inches wide.
- (2) Distance between seams is optional.
- (3) There are no minimum measurements. Maximum measurements are as shown on official drawings (Figure 4).
- (4) Placement and size of windows are optional providing that the total area not exceed four (4) square feet.
- (5) Up to two battens as shown on the official drawings (Figure 4) are permitted.
- (6) A clewboard of any material is permitted in the jib, which shall be located as shown on the official drawings (Figure 4).

- (7) A minimum number of five (5) snaps or hanks equally spaced along 80 percent of the luff must attach the jib to the forestay.
- (8) Zippers in the luff for the purpose of changing sail shape are not permitted.
- (9) Jibs which passed around the forestay and attach back of themselves, either by sewing or with a zipper or similar method are not permitted

(d) Spinnaker

- (1) Spinnakers shall be made woven material with no restriction on material weight.
- (2) Distance between seams is optional.
- (3) Dimensions and tolerances are as shown on the official drawings (Figure 5).

14. Hiking straps are permitted, but must remain at all times inside the cockpit and below the level of the deck as it is measured at the cockpit opening. The coaming cap is not considered part of the deck for this measurement.

15. Holes in the deck through which the spinnaker is raised and lowered are not permitted.

16. CERTIFIED HULL AND RIGGING MEASURMENTS:

The following are the certified hull and rigging measurements. The required dimensions with any tolerances that are applicable are shown on the official drawings in Figures 1 through 5 of these specifications.

(a) Hull Measurements

- (1) L – Length Overall
- (2) F – Forward End Of Cockpit Opening From Station 0
- (3) R – Aft End of Cockpit Opening From Station 0
- (4) B – Beam at Station 10, Taken to Outside of the Hull at the Sheerline
- (5) D – Depth at Station 10, Taken From Sheerline to Bottom of Hull
- (6) C – Crown of Deck at Station 6, Taken From Sheerline to Sheerline
- (7) Deck Widths, Taken from Outside of Hull to Outboard Edge of Coaming:

Station 7

Station 12

Station 18

(8) Seat Location:

Forward End Aft of Station 7

Aft End Forward of Station 17

(9) S - Height of Bow Above Baseline

(10) CB - Station 0 to Forward End of Centerboard Slot

(11) T - Height of Transom at Centerline Excluding Deck Trim

(12) X - Beam of Transom at Sheerline

(13) W - Thickness of Rubbing Strip Taken From Deck

(b) Rudder Measurements

(14) Z - Length of Rudder Blade From Lower Edge of Transom to Extreme Bottom of Rudder

(15) P - Width of Rudder at One-Half Z

(c) Centerboard Measurements

(16) A - Length of Leading Edge of Centerboard

(17) Y - Width of Centerboard at One-Half A

(18) Centerboard Thickness at One-Half Y

(19) Centerboard Weight

(d) Mast Measurements

(20) Height of Main Halyard Sheave Centerline Above Butt of Mast

(21) Height of Spinnaker Halyard Sheave Centerline Above Butt of Mast

(22) Height of Jib Halyard Sheave Centerline Above Butt of Mast

(23) Height of Pivot Gooseneck Above Butt of Mast

(e) Boom Measurements

(24) Cross Sectional Dimension of Boom:

Width
Depth
Corner Radius

(25) Overall Length of Boom From Bottom of Mast Luff Groove
Including Fittings

(f) Foretriangle

(26) M - Station 0 to Forestay at Deck

(27) J - Foretriangle

(g) Boat Weight

(28) All Up Hull Weight

Highlander Specifications (Continued)

Proposed Changes (5/1/01)

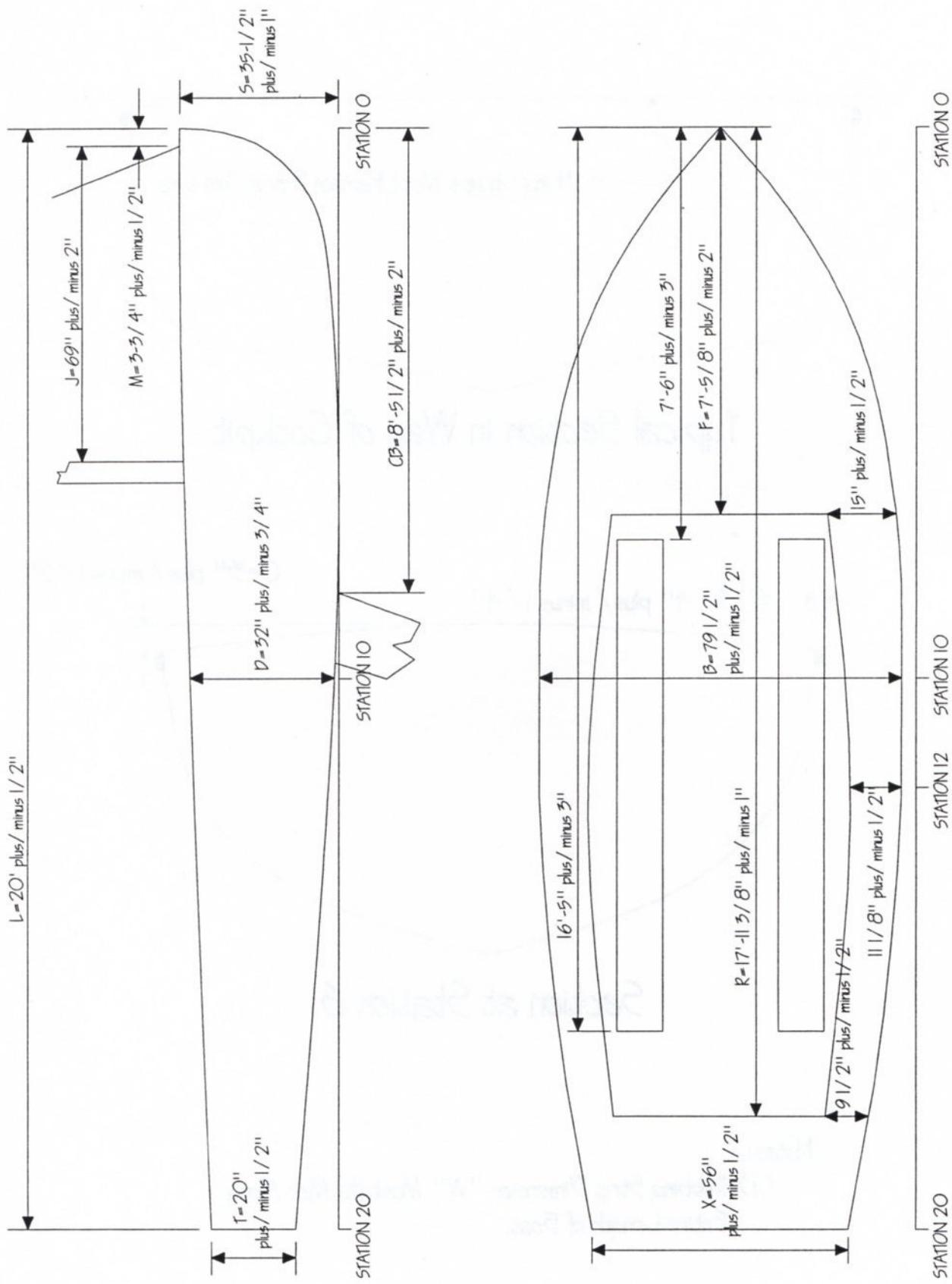
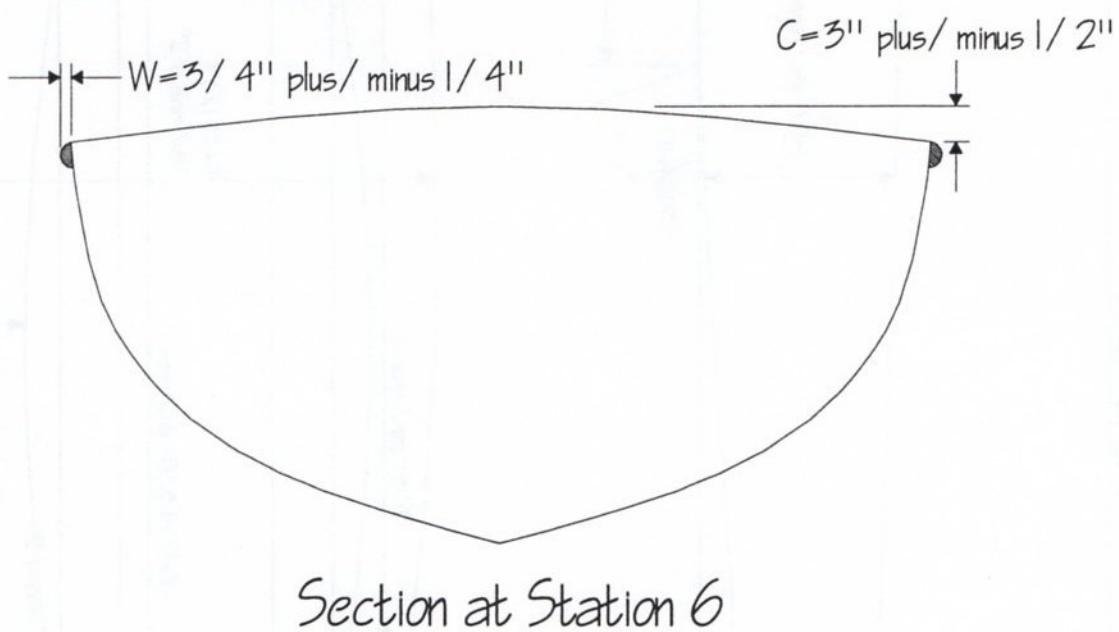
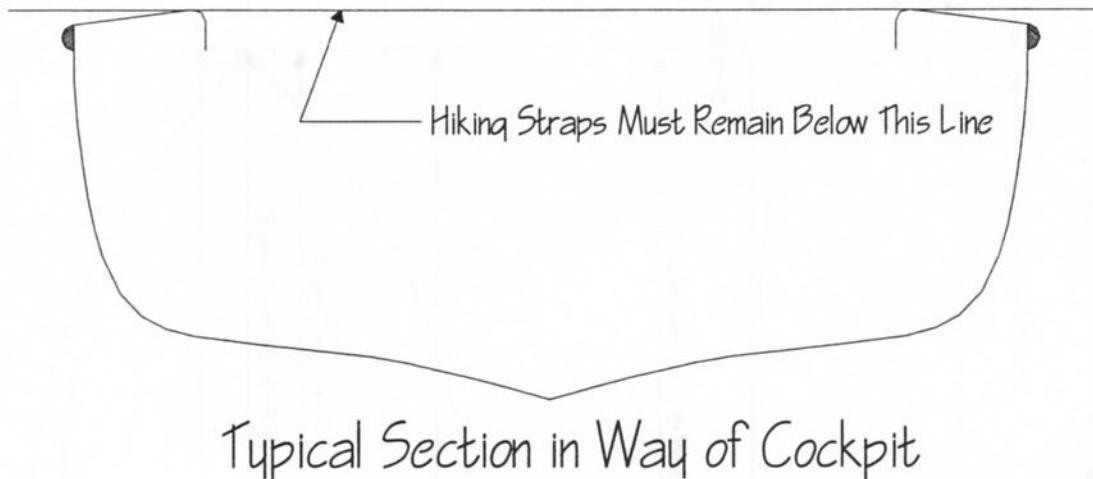


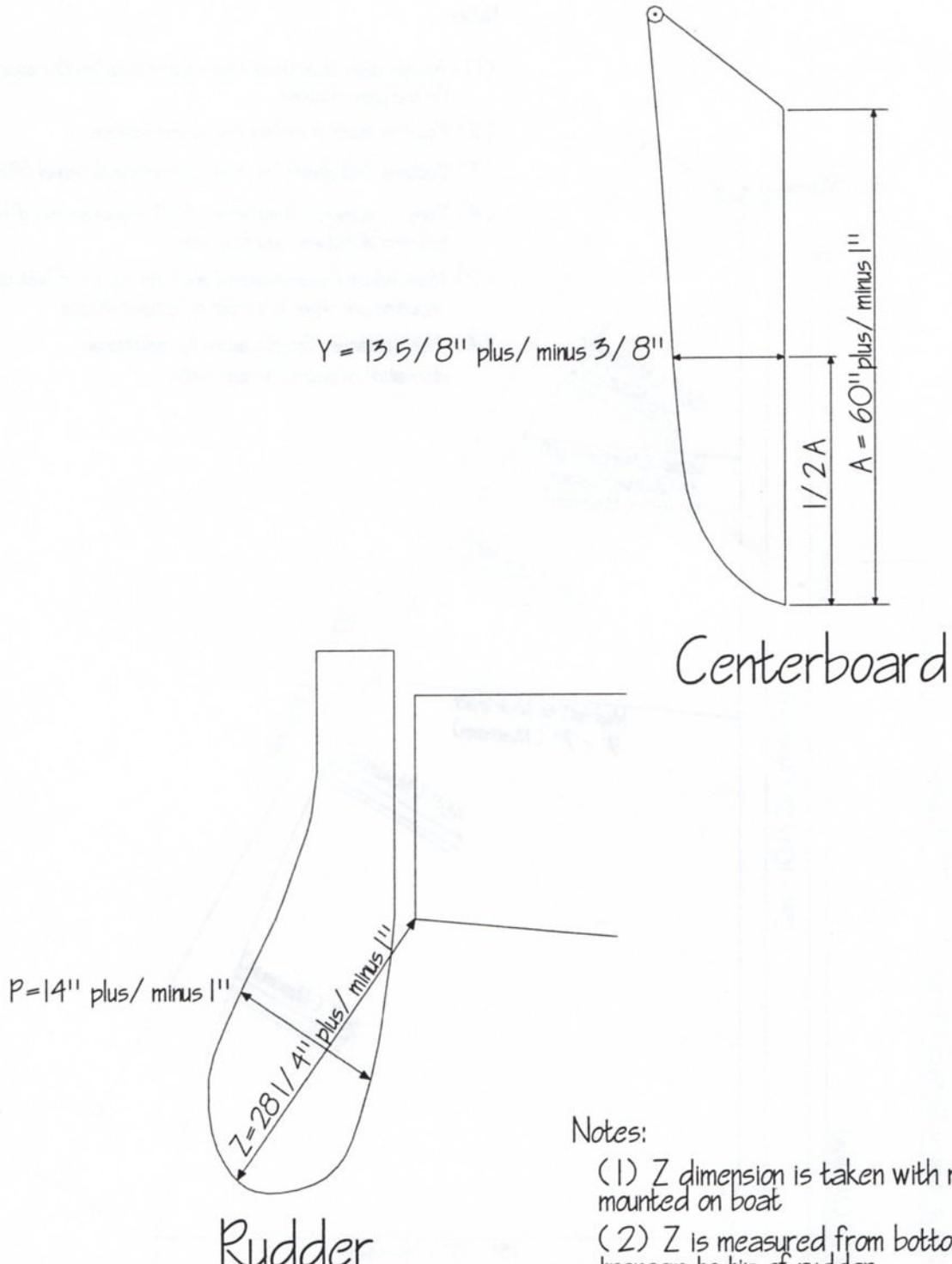
Figure 1. Certified Hull Measurements



Notes:

- (1) Rubbing Strip Dimension "W" Must Be Met Along Entire Length of Boat.

Figure 2. Certified Hull Measurements



Notes:

- (1) Z dimension is taken with rudder mounted on boat
- (2) Z is measured from bottom of transom to tip of rudder
- (3) P is measured at one-half of Z

Figure 3. Rudder and Centerboard Certified Measurements

Notes:

- (1) On sails older than three years there is no length requirement for the upper batten.
- (2) Roach of leech is limited only by the battens.
- (3) Battens shall divide leech into approximately equal fifths.
- (4) Boom is measured from bottom of luff groove to end of boom including all fittings and fasteners.
- (5) Mast halyard measurements are from bottom of butt plate including any shims to center of halyard sheave.
- (6) See Highlander Specifications for additional information on measuring main sails.

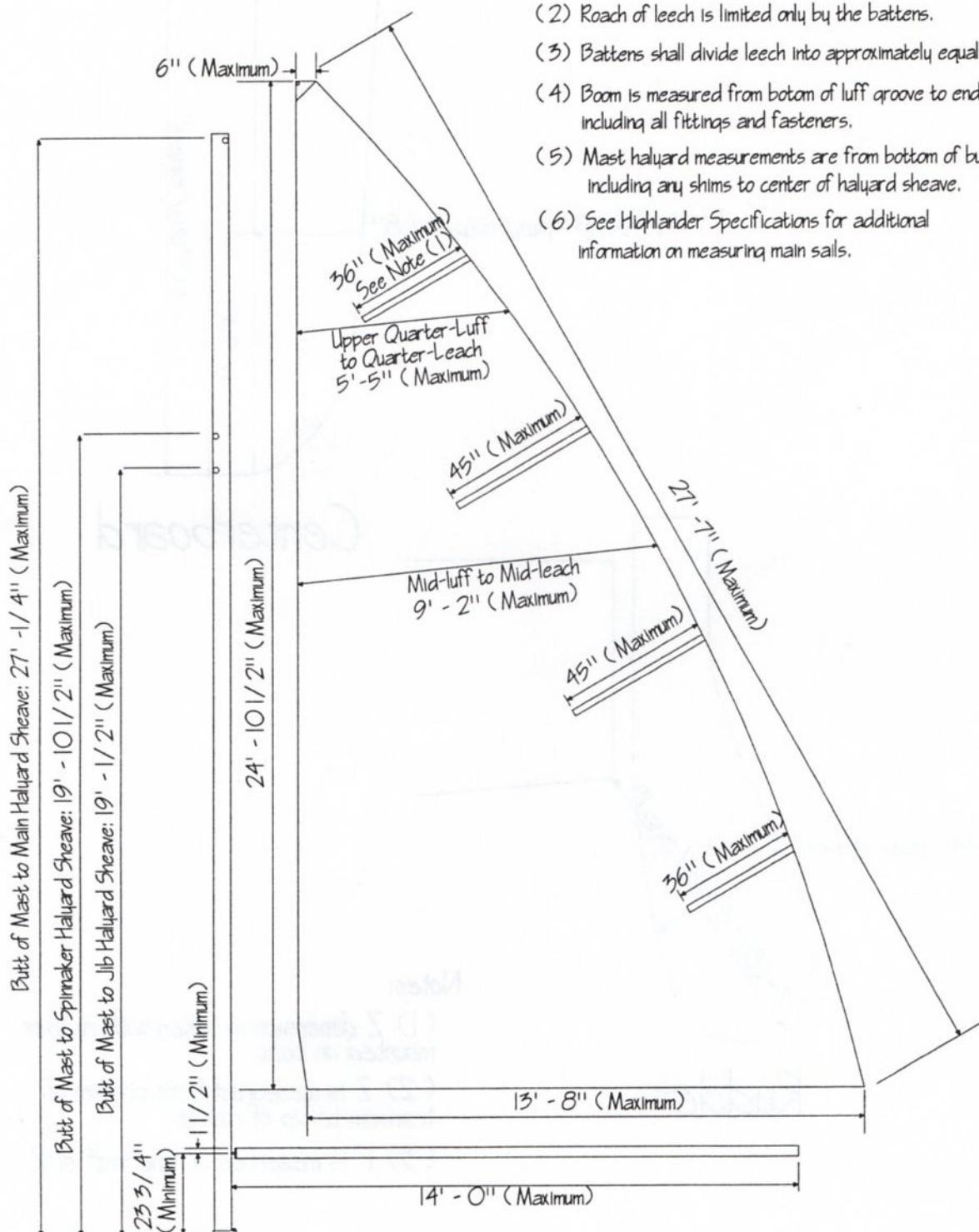


Figure 4. Mast Boom and Mainsail Measurements

Notes:

(1) Maximum length of jib battens is 12".

(2) See Highlander Specifications for additional information on measuring jibs.

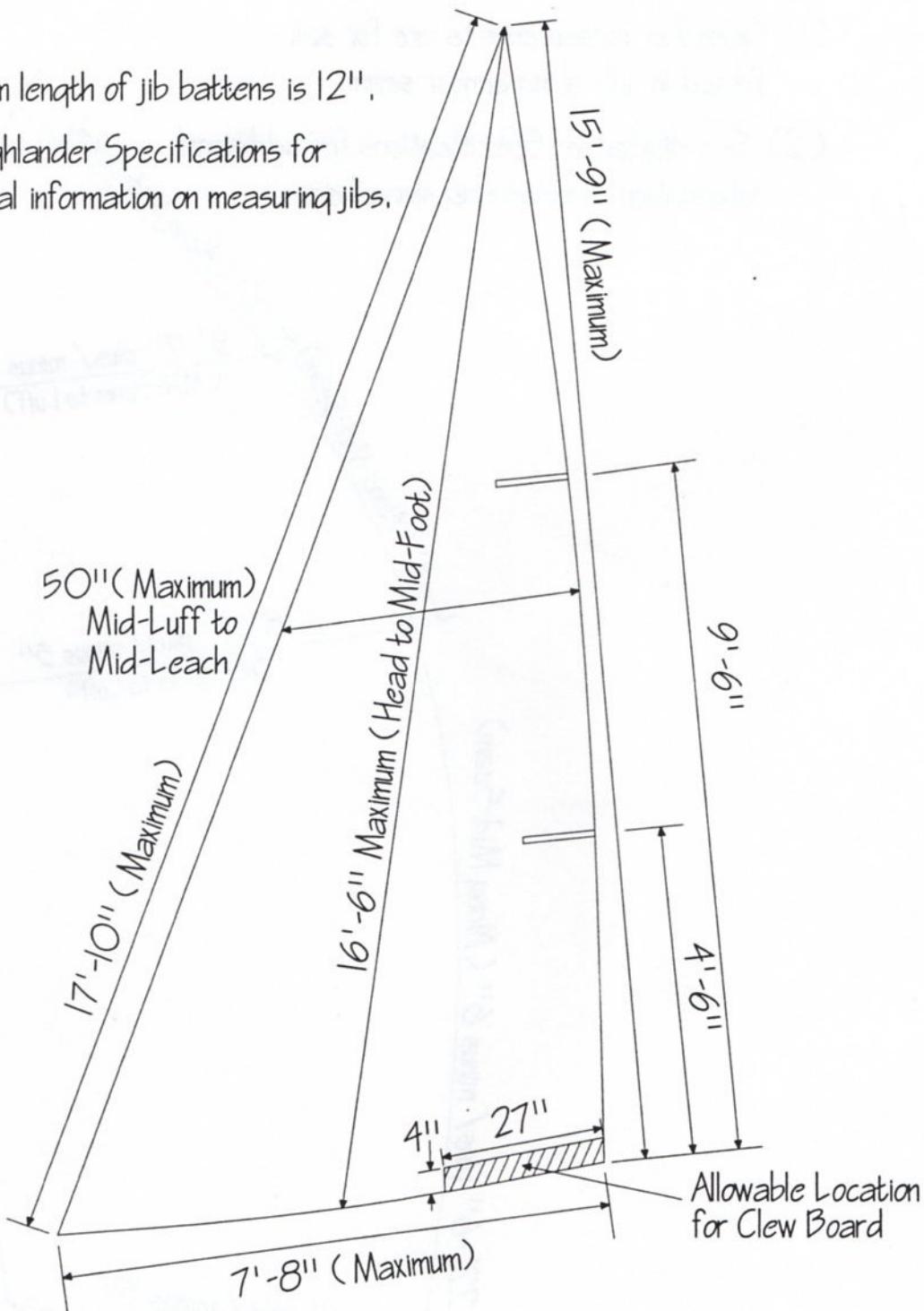


Figure 5. Jib Measurements

Notes:

- (1) Spinnaker measurements are for sail folded in half along center seam.
- (2) See Highlander Specifications for additional information on measuring spinnakers.



Figure 6. Spinnaker Measurements