

# **INTERNATIONAL HOBIE CLASS ASSOCIATION**

## **2001-2004 CLASS RULES**

### **INTRODUCTION**

Hobie racing is many things. To some sailors it is a challenge, competition, excitement, concentration, effort, and the exhilaration of winning...and losing...fairly. To others it is learning, improving, camaraderie, familiar places, new places, old friends, new friends, memories of great times, and the joy of sharing great experiences with great people. Still others exult in the laid back freedom sailing gives us as we track the shifting winds on open water, carving our disappearing wakes to the finish line.

To the few it is all these and more. To every Hobie sailor, it is FUN! and the common underlying reason we all sail. We LOVE the sport and all things that go with it!

Like any worthwhile activity in life, and Hobie sailing is no exception, there is the right way (and the wrong way!) to be part of the action. The Hobie Class Rules in this book, and the ISAF Racing Rules of Sailing, or the RRs as printed by your National Sailing Federation, which you should also have, are your guides to the right way...the Hobie Way...to race.

The rules of sailing are designed to allow all of us to compete fiercely and fairly with each other on a level sea. They are important for all sailors, particularly important for one-design sailing, like we have with Hobie racing. As Hobie sailors, we all have the basic responsibility to know the rules. It is, simply, part of the "Hobie Way of Life." Read them! Know them! Abide by them! Accept them! We'll all have more FUN!

Be proud of our Class! Participate! Become a friend with your Hobie competitors! Share our Hobie sailing, good fortune, and good times with every new Hobie sailor you meet! You'll feel better for it...guaranteed!

Fair winds and many happy Hobie days of great sailing...by the Rules.

# INTERNATIONAL HOBIE CLASS ASSOCIATION GENERAL RULES

These Rules apply to all Hobie Classes

ISAF International Classes are the HOBIE 14,16,17,18. The HOBIE Tiger is an ISAF Recognised Class

## 1. ONE-DESIGN CLASS RACING

The design and development of Hobie Catamarans are directed towards strict one-design classes where the true test is between sailors and sailing skill, and not boats. Any alterations to the hull form, construction, equipment, spars, sails or running rigging, as supplied by the builder except as is specifically authorized by these rules, are a breach of these rules, both in spirit and in substance, and are prohibited.

## 2. INTENT AND OBJECTIVE

Hobie Catamarans are designed to be easy to sail with the least amount of trouble to owners. Boat and component changes, which have no direct bearing upon boat speed, are the only changes allowed. The intent and objective of the INTERNATIONAL HOBIE CLASS ASSOCIATION (IHCA) RULES are:

- a) To keep each boat as equal, simple and cost free as possible by rigidly maintaining, without deviation, the one-design features of the Hobie Cat for class racing.
- b) To increase boat speed only through the use of racing tactics and sailing skills

### 2.1 DEFINITIONS

- a) The International Hobie Class Association shall hereafter be referred to as IHCA.
- b) Hobie Cat USA, Hobie Cat Europe and any of their licensees that are in good standing with their respected licensors shall hereafter be referred to as HOBIE CAT CO.
- c) International Sailing Federation shall be referred to as the ISAF.
- d) The International Sailing Federation Racing Rules shall be referred to as the RRS.

## 3. MEASUREMENT AUTHORITY

The IHCA and its designated measurers are the measurement authority for the Hobie Class under the meaning of RRS 64.3 b). The IHCA has the right to declare ineligible any Hobie Cat which does not conform to the spirit, objective and intent, as well as the letter of these rules and the official drawings and specifications held by the ISAF. In the event the drawings are not held by the ISAF they shall be held by the respective HOBIE CAT CO.

## 4. LOOPHOLES

IF YOU THINK YOU HAVE FOUND A LOOPHOLE, READ THE PRECEDING STATEMENTS AGAIN. THESE ARE THE BASIS OF THE RULES AND COVER ALL AREAS NOT COVERED IN THE RULES. GENERALLY, IF YOU CANNOT FIND IT LISTED IN THE RULES, IT IS NOT CLASS LEGAL. IF YOU ARE IN DOUBT, CHECK WITH THE IHCA FIRST. APPROVAL MUST BE IN WRITING.

## 5. MANUFACTURER OF HOBIE CATS

- 5.1 "Boats and component parts as originally manufactured by the HOBIE CAT COMPANY are the only ones legal for class racing unless specifically permitted in these Class Rules. The manufacturing origin and trademarks of all boats shall be readily identifiable through serial numbers, hull numbers, sails and cast parts. Copies of original invoices or warranty cards may be requested. Proof of origin shall be submitted to the IHCA or its authorized representatives for verification upon request of the jury or protest committee. Skippers or owners of boats who have had the manufacturing origin of their boat or component parts protested shall have a maximum of two weeks to produce acceptable proof of origin."

- 5.2 The ISAF plaques shall be permanently affixed to the transoms for all ISAF recognized classes built after January 1, 1990.

## **6. NON HOBIE CAT COMPANY MANUFACTURERS OF EQUIPMENT**

Manufacturers and distributors of non Original Equipment Manufacturer (OEM) parts and equipment for Hobie catamarans shall obtain written approval from the IHCA prior to their parts and equipment being designated as "Hobie Class Legal."

## **7. DESIGN FEATURES AND APPROVED CHANGES**

Nothing may be changed or removed from any Hobie Cat that will in any way alter the structural integrity, design function, or built in safety features of the boat. All changes shall have prior written approval. Provided they do not change the basic design and configuration, approved changes are: stronger gudgeons; stronger pigtailed; larger diameter wires and running rigging; reinforced flanges not affecting water flow. Except as allowed in these rules, any changes or additions that in any way can be construed as speed devices are not class legal.

## **8. SAFETY EQUIPMENT**

- 8.1 Each person on board shall carry a lifesaving device or Personal Flotation Device (PFD) approved by their country's national authority or by the national authority having jurisdiction. The IHCA strongly recommends that life jackets or PFDs be worn at all times.

- 8.2 A minimum\* 3/8 in. (9.53 mm) diameter righting line or webbing consisting of at least one 14 ft. (4.27 meter) length of line or webbing, or two 8 ft. (2.44 meter) lengths of line or webbing shall be securely attached and readily accessible from each side of the boat. The righting lines or webbing shall be in addition to all other required equipment. (Unless specified differently in individual boat class rules)

\* Righting water bags, shroud lengthening devices, righting pole type devices, and righting systems other than the minimum system specified may be carried and shall be used for righting purposes only.

- 8.3 A paddle or equivalent is allowed and recommended but not required.

- 8.4 An anchor is not required.

- 8.5 Any additional equipment which may be required by a government or national authority having jurisdiction

## **9. HULLS, DECKS, AND RUDDERS**

- 9.1 Hulls may be rubbed, waxed, sanded or buffed in the normal process of maintenance.

- 9.2 No friction-reducing agents may be employed on the hulls, rudders or boards.

- 9.3 Hull bottoms which wear down may be rebuilt. Rebuilt hulls must conform with the original shape. Templates are available from the HOBIE CAT CO.

- 9.4 No portion of the deck, or deck flange where present, shall be altered, removed, cut down, or in any way modified except as allowed herein. The rear transom flanges, where present, may be notched a maximum of 2 ins (5 cm) to accept larger gudgeons or to repair breakout at the rudder pin. Water tight deck access portholes may be installed."

- 9.5 Hull flotation blocks as supplied by the HOBIE CAT CO. shall not be removed or reduced in size.

- 9.6 Non-skid surfaces on decks may be changed provided the non-skid surface is at least equal in size and location to the originally designed area.

## **10. RUDDERS AND RUDDER ASSEMBLIES**

- 10.1 HOBIE CAT CO. supplied rudder assemblies and rudder blades shall not be modified except for minimum filing to improve fit and function unless specifically allowed in the individual boat rules.
- 10.2 Shims maybe installed between the rudder blade and rudder housing to improve fit and function.
- 10.3 Shims or bushings may be installed between rudders pins, gudgeons, and castings to improve fit and function.
- 10.4 Shock cord may be tied around the rudder to help control rudder kick up.
- 10.5 Rudder rake adjusters may be installed and upgraded to current HOBIE CAT CO design.
- 10.6 Rudder blades may be notched on the upper leading edge up to a maximum of 1/2 in. (12.5 mm) to correct helm.
- 10.7 The minimum weight of each rudder blade shall be 3.0 lb. (1.36kg)”
- 10.8 Rudder pins may be changed provided the length and diameter of replacement rudder pins are at least the same dimensions or greater than as supplied by HOBIE CAT COMPANY. Pins may be made of plastic, aluminum, nylon, composite, or stainless steel materials.

## **11. TILLER ASSEMBLIES**

- 11.1 The tiller extension may be either an extendable or non-extendable design but shall be a single tiller with one end connected to the crossbar in the same location as the factory supplied tiller. THE TILLER EXTENSION SHALL BE MADE OF A NONELECTRICAL CONDUCTIVE MATERIAL ON ALL NORTH AMERICAN REGION BOATS. NONELECTRICAL CONDUCTIVE TILLER EXTENSIONS ARE RECOMMENDED ON ALL BOATS WORLDWIDE.
- 11.2 Tiller crossbar and rudder arm connectors and end caps may be replaced with other types that are functionally similar.

## **12. SAILS**

- 12.1 Class legal sails shall be made from HOBIE CAT CO official patterns and manufactured and distributed by the HOBIE CAT CO or their currently licensed sail makers unless specified differently in individual boat class rules.
  - a) A sail may be recut slightly, provided the overall original size and shape is not increased or altered other than by normal stretch with aging and sail tuning.
  - b) Windows and telltales may be added as desired.
  - c) A Cunningham may be installed in any sail.
- 12.2 Only standard battens supplied by the HOBIE CAT CO shall be used unless specified differently in the individual boat class rules. Battens may be custom cut and tapered as desired.
  - a) Any type of batten caps may be used provided they are not adjustable while sailing.
  - b) Two battens may be used in the bottom batten pocket of the mainsail.
- 12.3 A skipper shall not change sails during a race or regatta unless his sail has been damaged and is no longer usable. Permission to make a sail change must be received, in writing, from the race committee PRIOR to the change being made.

- 12.4 All mainsails shall have a sail number assigned by Hobie Cat Company and registered with the IHCA. Duplicate numbers will be assigned to only one individual boat. National letters may be added and shall be displayed on the mainsail above the sail numbers and below the class insignia. Changes RRS Appendix H.
- a) Sail numbers shall be no less than 10 in. (25.4 cm) in height. This changes RRS Appendix H 1.2 (b).
  - b) Sail numbers shall be distinguishable on both sides of the sail.
- 12.5 All mainsails shall bear the Hobie "H" registered trademark logo, which is the class insignia.
- 12.6 Friction reducing devices may be applied to, or attached to, the luff rope to help with raising and lowering the sail.
- 12.7 Any grommet on a Hobie sail may be replaced as long as it is with an equal size or larger grommet located within 3 in. (7.6 cm) of the original location.
- 12.8 Reefing is permitted and may be rigged in any manner except in the North American Region where the mainsail wire halyard shall not extend below the COMPTIP.
- 12.9 Sail numbers consecutively assigned by Hobie Cat Company may be one to six digits in length. Letters and numbers are not required on headsails and spinnakers but when used shall be the same number as on the mainsail. This changes RRS Appendix H.

### **13. MASTS**

- 13.1 The section of the mast extrusion shall not be altered in any way except as provided for in 13.4.
- 13.2 Minimum filing or cutting to the mast step casting is permitted for the purpose of improving rotation, but metal shall not be removed for the purpose of achieving mast rake. Stops may be added to replace the standard mast stops but shall not be adjustable.
- 13.3 No internal devices are allowed except as supplied.
- 13.4 A COMPTIP shall be mandatory for the North American Region with the exception of the Hobie Tiger which shall be raced worldwide with an aluminium mast. All sailors will be allowed one exemption to this rule. After the one exemption is granted, the onus is on the individual to prove that an attempt has been made to obtain a COMPTIP. In the case of factory back orders on COMPTIPs, temporary exemption will be granted upon proof of such back order and only until back order is filled. COMPTIP and aluminum masts shall be legal in the North Pacific, South American and International Regions. All aluminum masts are mandatory in the South Pacific, Southern Africa and European Regions with the exception of the H-17 in Europe where COMPTIP and ALUMINUM masts are legal for H-17 boats manufactured before 1 January 1995 and Hobie 17 CompTip masts shall be mandatory in the South Pacific Region. Hobie 18 all aluminum masts shall be mandatory in the South Pacific Region.

### **14. BOOMS**

- 14.1 The section of the boom extrusion shall not be altered in any way.
- 14.2 Boom bales for the purpose of hanging mainsheet blocks may be added, deleted or relocated.
- 14.3 No internal devices are allowed except as supplied.

### **15. WIRES**

- 15.1 Wires as supplied by the HOBIE CAT CO. shall not be reduced in diameter. They may be increased in size. All wires may be shortened or lengthened with exception of bridle wires.

- 15.2 Shrouds and forestays shall connect to the HOBIE CAT CO. supplied shroud adjusters. The twist toggle shall not be removed and must be used as supplied.
- 15.3 An additional shroud adjuster may be added to the forestay in lieu of changing wire length.
- 15.4 The clevis pin and ring on the forestay adjuster, as provided by the HOBIE CAT CO., may be replaced by a quick-release pin, shackle or like equipment.

## **16. EQUIPMENT**

- 16.1 A single boom vang may be added. It may be attached to the base of the mast and/or be movable from side to side on the front crossbar for use as a preventer. Vangs shall not travel on tracks or wires which can be fastened to both sides of the boat simultaneously. The maximum purchase shall not exceed 3:1.
- 16.2 Any sheet or lines made in whole or part of wire are prohibited except as supplied by the HOBIE CAT CO. Any sheet or lines may not be spliced to increase or decrease diameter and the core cannot be removed to decrease diameter.
- 16.3 Compasses, navigation and speed metering equipment of any type are permitted. Radios may be used for weather information and for emergencies under the following conditions: On board radios shall be turned OFF and stored from 1/2 hour prior to the boat's Class warning signal of the first race of the day until after the finish of the last race of the day unless there is an emergency, or unless specified otherwise in the Notice of Race and Sailing Instructions.

If an on board radio is turned ON to any channel during the time restriction in 16.3 a) other than for an emergency, the competitor shall retire immediately and notify the race committee of its action. Improper use of an on board radio is a protestable action under Fair Sailing RRS 2 and may result in disqualification from the race or entire series.

- 16.4 Main, boom and jib sheet blocks of different design or make may be used provided the purchase advantage remains equal to or less than 7:1 on the mainsheet system and 3:1 on the jib sheet system unless specified otherwise in individual boat class rules.
- 16.5 Mesh and canvas trampolines manufactured by the HOBIE CAT CO. are class legal.
  - a) Trampolines may be reversed end for end if desired.
  - b) Storage pockets and flaps to prevent water spray may be added.
  - c) A second set of hiking straps may be installed and altered as desired.
  - d) Hiking straps shall not be adjustable while on the water.
  - e) A trampoline may be comprised of one to three pieces.
- 16.6 Tools and personal convenience accessories may be carried on board and may include: telltales; toolkits; non-skid; wind indicators; stow bags; beverage coolers; food and beverages; etc. If in doubt on any item not listed, refer to General Class Rule 4.
- 16.7 Epoxy adhesive may be applied to the frame castings for the purpose of stiffening the boat.
- 16.8 No swivel connectors are allowed unless supplied as original equipment or allowed in the individual boat Class Rules.

## **17. CREW AND CREW WEIGHT**

(Where Class Rules require a minimum weight)

- 17.1 The word "crew" includes all personnel aboard the boat.
- 17.2 The same crew shall be used throughout the race or regatta. Crew shall not be added or removed without prior written permission from the race committee.
- 17.3 If a crew change is required due to injury or other special circumstances, the crew weight shall not be less than the original weight and not more than 10 lbs. (4.54 kg.) over the original weight unless approved by the race committee.
- \* Weights may be carried to maintain the original crew weight provided the provisions of Rule 17.4 are met.
- 17.4 A maximum of 50 lbs. (22.7 kg.) of permanent dry (solid) weight may be carried on the boat to bring crew weight up to the minimum.
- a) Weights may be moveable but shall be attached to the boat. This changes RRS 51.
  - b) If more than 50 lbs. (22.7 kg) are needed to make minimum weight, an additional crew person shall be carried.
- 17.5 Minimum crew weights are based on the body weight of the crew dressed in lightweight clothing without shoes.
- a) No wetsuits or heavy clothing shall be used in determining crew weight.
  - b) The crew shall maintain minimum crew weight at all times. If required, the crew may have to add weight during a regatta to maintain minimum crew weight.
  - c) Boats and or/crew can be protested at any time during the regatta for minimum weight infractions.
- 17.6 Weights required to meet minimum crew weight shall not be usable for any other purpose.
- 17.7 For the purpose of Youth Events, crew attaining his or her 19th birthday before the end of the year in which the event is sailed is ineligible unless otherwise prescribed in the Notice of Race or Sailing Instructions.
- 17.8 For the purpose of Youth Events, the minimum weight for all Youth double handed disciplines shall be 250 lbs (112.5 kg).

## **18. PERSONAL BALLASTS, CLOTHING AND EQUIPMENT**

- 18.1 The IHCA permits a maximum 22.0 lbs. (10 kg) of wet clothing and equipment per crew member to be worn. This changes RRS 43.1(b).
- a) Any competitor wearing such personal ballast is required to also wear a personal flotation device capable of flotation of both the wearer and the wet clothing and equipment.
  - b) Weight and water jackets for the purpose of adding personal ballast are not permitted, shall not be considered clothing or equipment, and shall not be allowed for meeting minimum crew weight.
- 18.2 Any clothing or equipment worn under Rule 18.1 shall not be allowed for meeting minimum crew weight.

## **19. MINIMUM BOAT WEIGHTS**

- 19.1 The minimum boat weights shown in the individual Class Rules are for each class of boat, ready to sail, with all permanently attached and non movable racing equipment EXCLUDING the following:
- a) Cushions
  - b) Life jackets
  - c) Trapeze harnesses
  - d) Tool bags
  - e) Personal gear
  - f) Crew weight
- 19.2 All weights required to bring a boat to minimum weight shall be permanently attached during a regatta and shall not be usable for any other purpose.

## **20. ADVERTISING**

- 20.1 Advertising is allowed in accordance with RRS 79 and ISAF Advertising Code, Category C, unless the Notice of Race and Sailing Instructions designate otherwise.
- 20.2 In world and continental events a competitor shall be required to display advertising in accordance with RRS Appendix G, the Notice of Race, and the Sailing Instructions.

## **ALTERNATIVE PENALTIES FOR RRS PART 2 RULE INFRINGEMENTS**

### **21. IHCA 360-DEGREE RULE**

(This modifies RRS 44.1 and 44.2.)

- 21.1 The 720 degree Turns Penalty in RRS 44.1 and 44.2 is replaced by a 360 degree Turns Penalty. Changes RRS 44.1 and 44.2
- a). A 360-degree Turns Penalty consists of one tack and one gybe, or one gybe and one tack, before resuming course.
  - b). When the infringement occurs after the preparatory signal and before the starting signal is made, the infringing boat shall make one 360-degree Turns Penalty on either side of the starting line following the starting signal as soon as possible after clearing all other boats. (This modifies RRS 44.2.)
- 21.2 When neither boat acknowledges fault, a protest may be lodged in accordance with RRS Part 5 and the sailing instructions.
- 21.3 The protest time limit to file a protest will be (determined by local conditions) after the last boat in the last race of the day sailing directly to shore reaches the shore. Changes RRS 61.3.

## **22. SCORING, PENALTIES AND PENALTY SCORING**

- 22.1 Scoring, penalties, and penalty scoring are as described in the RRS unless changed in the Notice of Race and Sailing Instructions.
- 22.2 All boat, crew weight, and equipment violations are scored DND –Disqualified No Discard. Whenever possible, competitors should be warned of potential equipment violations on the beach before racing when observed by other competitors, the jury, or regatta officials.

## **23. JURISDICTION OF RULES**

All regattas held within regions under the jurisdiction of the IHCA shall be governed by: the RRS; these IHCA Rules; the prescriptions of the National Sailing Authority having jurisdiction where they apply; the Notice of Race; the event Sailing Instructions.

**24. SIGNALING A PROTEST**

A boat protesting another boat shall follow RRS 61.1(a) with the following modification: The ISAF requirement for under 6 meter boats applies to all Hobie Catamaran Classes.

**25. RULE INTERPRETATIONS**

Valid questions regarding these rules may be ruled on an interim basis by the IHCA Rules Committee Chair or the IHCA Rules Committee Chair designee. The interim rulings, as needed, will be accepted, rejected or modified by the IHCA Rules Committee and ratified by the IHCA International Council and approved by the ISAF before achieving permanent status in the IHCA Class Rules.

**26. RULE AMENDMENTS**

- 26.1 Suggestions, recommendations or requests for rule additions, deletions or amendments shall be submitted in writing to the IHCA Rules Committee. The proposals will be reviewed by the Rules Committee, and if found to have merit, be distributed for comment to: Hobie Cat sailors; IHCA International Council members; IHCA Regional Associations; and other interested parties. Following the comment period the IHCA Rules Committee will make a rule recommendation and submit it to the IHCA International Council for consideration. The Council shall accept or reject the Rules Committee recommendation and submit IHCA approved changes to the ISAF for approval. Interim or emergency rulings made by the Rules Committee Chair or Rules Committee as a whole will use the same approval procedure as outlined herein before they receive approved rule status,
- 26.2 Any proposed new class rules, rule changes or amendments requesting comments, and all new rules and interpretations shall be announced in one or more of the following ways:
- a) An international mailing or individual Email to all IHCA members for General Rule changes, or international mailings or individual Email to individual boat class owners for rules only impacting the individual class.
  - b) Prominent display on the IHCA web page requesting comment from Hobie Cat sailors and other interested parties.

## HOBIE DRAGOON CLASS RULES

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### 1. RUDDER BLADES, RUDDER ASSEMBLIES AND DAGGERBOARDS

- 1.1 Rudder blades and rudder assemblies shall be stock as supplied by the HOBIE CAT CO.
- 1.2 HOBIE CAT CO. supplied rudder assemblies and rudder blades shall not be modified except for minimum filing to improve fit and function.

### 2. HULLS AND DECKS

No changes may be made to the hulls that decrease weight or hull strength by removing flotation or standard factory fiberglass reinforced plastic (FRP) lay-up.

### 3. SAILS

- 3.1 Mainsail downhaul purchase shall not exceed 6:1 and may be rigged in any manner.
- 3.2 Jib sail downhaul purchase shall not exceed 3:1 and may be rigged in any manner.
- 3.3 Reefing of any sail is permitted. Reefing design shall be open provided it does not structurally weaken the boat or interfere with basic functions of HOBIE CAT CO. supplied components.
- 3.4 Pig Tails for the purpose of attaching blocks may be added to the clew of the jib.

### 4. MASTS

- 4.1 The mast design shall not be altered in any way except for the attachment of fittings and equipment for flying open class third sails or reefing.
- 4.2 No internal devices are allowed except as supplied.
- 4.3 A preventer, or otherwise known as a positive mast rotator, may be added to keep the mast in rotation, and may be rigged in any manner.
- 4.4 Additional mast rotation devices and related control equipment may be installed. Design shall be left open provided it does not structurally weaken the boat.
- 4.5 The black band (*top*) shall be located 38 cm (14.96 inches) from the bottom of the mast extrusion to the top of the black band.

### 5. WIRES AND RUNNING GEAR

- 5.1 Running gear of any type may be used provided it is of equal strength or better than HOBIE CAT CO. supplied equivalent components. Tapered sheets are not allowed.
- 5.2 Additional shroud adjusters may be added to the forestay bridle.
- 5.3 Bridle wire lengths shall not be shorter than 101 cm (39,76 inches) and shall attach to the jib furler as supplied.

### 6. EQUIPMENT

- 6.1 Additional safety equipment of any type is permitted.

- 6.2 Mainsheet blocks of different design or make may be used, provided the purchase advantage is equal to or less than 6:1.
- 6.3 The mainsheet system shall be of a conventional type with the lower block(s) attaching to the traveler car and the upper block(s) attaching to the boom or the mainsail clew. A wire strop to attach the upper block to the boom or the mainsail clew is permitted.
- 6.4 Jib sheet blocks of different design or make may be used provided the purchase advantage is equal to or less than 3:1. Jib cleats may be moved. The Jib sheet lead block shall not be relocated from the track.
- 6.5 Replacement blocks or fittings shall not be constructed of exotic materials such as carbon, titanium, etc.
- 6.6 Spinnaker sheet blocks of different design or make may be used. Additional blocks may be added. The Spinnaker sheet blocks and spinnaker running gear may be mounted/rigged in any manner
- 6.7 Hiking straps and foot straps may be added.
- 6.8 Additional grommets may be added to the trampoline.
- 6.9 Crossbars and decks may be coated to improve footing.
- 6.10 Line(s) or elastic cord(s) may be added as tangle preventers for jib sheet lines, spinnaker and spinnaker sheet/halyard lines
- 6.11 Safety lines are permitted.

## **7. SAFETY EQUIPMENT**

Maximum extension of shroud lengthening devices are 68.6 cm (27 inches) The shroud lengthening device must be returned to its normal storage position after use and before continuing to race. See Rule # 8 of the General Rules.

## **8. MINIMUM CREW WEIGHT**

The Hobie Dragoon shall have a minimum combined crew weight of 90 kg. (198 lbs.)

## **9. MINIMUM BOAT WEIGHTS**

The minimum weight of a Hobie Dragoon, completely assembled with spinnaker and running gear shall 100 kg. (220.5 lbs.) See Rule #19 of the General Rules.

## **10. TRAPEZES**

A maximum of two trapeze wires are allowed on each side of the boat.

- 10.1 Trapeze wires may be shortened, lengthened and have adjustable systems installed.
- 10.2 Trapeze shock cords may lead from different fairleads than those supplied by the HOBIE CAT CO.

## **11. THIRD SAIL (SPINNAKER) AND SPINNAKER POLE (BOWSPRIT)**

- 11.1 The Hobie Dragoon class spinnaker of *8.39 m<sup>2</sup> (90.31 sq. ft)* as supplied by the HOBIE CAT CO. shall be carried during Class events.
- 11.2 Only bowsprits supplied by a HOBIE CAT COMPANY are class legal. The bowsprit shall be fixed on the longitudinal centerline of the boat as provided by the manufacturer. Supporting wires/lines may be shortened, lengthened, mounted and/or rigged in any manner. Additional blocks/cleats for spinnaker running gear and jib luff control may be mounted on the bowsprit

## **HOBIE WAVE CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. RUDDER BLADES AND RUDDER ASSEMBLIES**

- 1.1 Rudder blades and rudder assemblies shall be stock as supplied by the HOBIE CAT CO.
- 1.2 HOBIE CAT CO. supplied rudder assemblies and rudder blades shall not be modified except for minimum filing to improve fit and function.

### **2. HULLS**

No changes may be made to the hulls that decrease weight or hull strength by removing material from either the outside skin or the internal foam layer.

### **3. SAILS**

- 3.1 Mainsail downhaul purchase shall not exceed 3:1 and may be rigged in any manner.
- 3.2 Reefing of any sail is permitted. Reefing design shall be open provided it does not structurally weaken the boat or interfere with basic functions of HOBIE CAT CO. supplied components.

### **4. MASTS**

- 4.1 The mast design shall not be altered in any way.
- 4.2 No internal devices are allowed except as supplied.
- 4.3 The black band shall be located 16.63 inches (42.23 cm) from the bottom of the mast extrusion to the top of the black band.

### **5. WIRES AND RUNNING GEAR**

- 5.1 Running gear of any type may be used provided it is of equal strength, or better than HOBIE CAT CO. supplied equivalent components. Tapered sheets are not allowed.
- 5.2 Additional shroud adjusters may be added to the forestay bridle.
- 5.3 The clevis pin and ring on the forestay and/or shroud adjuster, as provided by HOBIE CAT CO., may be replaced by a quick-release pin or shackle.

### **6. EQUIPMENT**

- 6.1 Two inspection ports per deck may be added to the boat
- 6.2 Additional safety equipment of any type is permitted.
- 6.3 Mainsheet blocks of different design or make may be used, provided the purchase advantage is equal to or less than 4:1.
- 6.4 The mainsheet system shall be of a conventional type with the lower block(s) attaching to the rear crossbar and the upper block(s) attaching to the clew of the sail.
- 6.5 Replacement blocks or fittings shall not be constructed of exotic materials such as carbon, titanium, etc.
- 6.6 Hiking straps and foot straps may be added.

- 6.7 Additional grommets may be added to the trampoline.
- 6.8 Crossbars and decks may be coated to improve footing.
- 6.9 Safety lines are permitted.

**7. SAFETY EQUIPMENT**

- 7.1 A minimum 3/8 inches (9.5 mm) diameter righting line consisting of at least one 14 ft. (4.27 meter) length of line or two 7 ft. (2.13 meter) lengths of line minimum shall be securely attached and readily accessible from each side of the boat. The righting lines shall be in addition to all other required equipment. This rule modifies general rule 8.2
- 7.2 A mast float, as provided standard with the boat by the HOBIE CAT CO. shall be attached to the mast head while racing.

**8. MINIMUM CREW WEIGHT**

The Hobie Wave shall have a minimum crew weight of 120 lbs. (54.43 kg)

**9. MINIMUM BOAT WEIGHTS**

The minimum weight of a Hobie Wave completely assembled all running gear shall be 251 lbs. (114 kg.) See Rule #19 of the General Rules.

## **HOBIE 14 CLASSIC / 14 TURBO CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **HOBIE 14 CLASSIC**

#### **1. RUDDERS AND RUDDER ASSEMBLIES**

- 1.1 Rudder blades made of another material yet conforming with the size, shape and minimum weight of the standard rudder blades may be used. Rudder blades must conform within the minimum and maximum dimensions that are found within the profile plans. Profile plans are available through the IHCA.
- 1.2 The maximum thickness of a rudder blade(s) shall not exceed 1.015 in. (25.8 mm.), tapering over a distance of 2 ft. (60.96 cm) to a maximum thickness of 1/2 in. (12.7 mm), 2 in. (50.8 mm) from the bottom tip of the rudder. These dimensions are for reference purposes only. Please refer to profile plans for exact dimensions. Profile plans are available through the IHCA.

#### **2. TRAVELERS AND TRAVELER CARS**

- 2.1 Any type traveler cars that operate in the HOBIE CAT CO. supplied traveler tracks are acceptable. The tracks shall not be altered, changed or added to in any way.
- 2.2 The location and type of traveler cleat may be altered provided it remains attached to the rear crossbar.
- 2.3 The HOBIE CAT CO. supplied integrated traveler systems are class legal.

#### **3. MASTS**

- 3.1 A pad eye and single cleat of your choice may be added to either side of the mast for Cunningham adjustment consisting of one line equaling not more than a 2:1 purchase.
- 3.2 Each mast shall have a black band around it, as supplied by the HOBIE CAT CO. to indicate maximum downhaul.
  - a) The top of the black band is located 20 ft. 7-1/2 in. (6.29 meters) from the top of the mast not including the mast cap.
  - b) The uppermost portion of the gooseneck slide shall be the guide for measurement, and the top of the slide must not be downhauled beyond the top of the band.

#### **4. WIRES**

- 4.1 Shroud chain plates may be shifted a maximum of 1 in. (25.4 mm) fore or aft.
- 4.2 Bridle length shall not be shorter than 60-7/8 in. (154.62 cm) pin to pin.

#### **5. EQUIPMENT**

- 5.1 A single block with one sheave and becket may be added at the gooseneck for downhaul tension adjustment. Downhaul cleats may be changed to a similar type cleat only. No "Cam" type cleats are permitted.
- 5.2 The mast base casting rotation stops may be altered, but the mast shall remain free to rotate from side to side. Metal shall not be removed for the purpose of achieving mast rake. The mast shall not have controls to permit adjustments while racing, except as outlined in Rule #16.1 of the General Rules.

- 5.3 The outhaul line may be changed at the sail clew, provided it runs over the end of the boom to the cleat. The mechanical purchase of the outhaul shall not be altered from 1:1.
- 5.4 A single line or shock cord line may be secured to the bridle intersection and run to a cleat on the front crossbar to adjust mast rake. The mechanical purchase shall not exceed 1:1.
- 5.5 A clew keeper line may be tied through the clew of the mainsail to the boom. Blocks or cleats shall not be used. Slugs (maximum of two), that fit into the boom track, may be attached to the clew of the main instead of the clew keeper.
- 5.6 A single trapeze may be used during Class competition. Wire length is optional. Adjustable systems are optional.
- 5.7 A dolphin striker assembly may be added to the front crossbar.
- 5.8 Two inspection ports per deck may be added to the boat.

**6. MINIMUM CREW WEIGHT**

No minimum.

**7. MINIMUM BOAT WEIGHT**

The minimum boat weight of a Hobie 14, completely assembled, shall be 240 lbs. (109 kg.). (See Rule #19 of the General Rules.)

**8. HOBIE 14 TURBO**

The Hobie 14 Turbo Class Rules are the same as the Hobie 14 Classic Class Rules, except as modified herein.

**9. EQUIPMENT**

- 9.1 A single trapeze may be used during Class competition. Wire length is optional. Adjustable systems are optional.
- 9.2 A dolphin striker shall be added to the front crossbar.
- 9.3 Foot straps may be installed on the sidebars or hulls.
- 9.4 The jib and jib assembly must be HOBIE CAT CO. supplied and installed to HOBIE CAT CO. specifications.
- 9.5 Sidebars, crossbars and decks may be coated to improve footing.
- 9.6 Safety lines are permitted.

**10. MINIMUM CREW WEIGHT**

150 lbs. (68.1 kg.)

## **HOBIE 16 CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. RUDDERS AND RUDDER ASSEMBLIES**

- 1.1 Rudder blades made of another material, yet conforming to the size, shape and minimum weight of the standard rudder blades, may be used. Rudder blades must conform within the minimum and maximum dimensions that are found within the profile plans. Profile plans are available through the IHCA.
- 1.2 The maximum thickness of a rudder blade(s) shall not exceed 1.015 in. (25.8 mm.), tapering over a distance of 2 ft. (60.96 cm) to a maximum thickness of 1/2 in. (12.7 mm), 2 in. (50.8 mm) from the bottom tip of the rudder. These dimensions are for reference purposes only. Please refer to profile plans for exact dimensions. Profile plans are available through the IHCA.

### **2. TRAVELERS AND TRAVELER CARS**

- 2.1 Any type of traveler cars that operate in the HOBIE CAT CO. supplied traveler tracks are acceptable. The tracks shall not be altered, changed or added to in any way.
- 2.2 The location and type of main and jib traveler cleats may be altered, provided they remain attached to their respective crossbars.
- 2.3 Jib traveler cars may be moved and relocated in the jib traveler tracks as desired, provided cleats, swivels or stops are attached to the front crossbar. The jib sheet block shall not be relocated from the track.
- 2.4 The HOBIE CAT CO. supplied integrated traveler systems are class legal.

### **3. MAIN AND JIB SAILS**

- 3.1 A jib clew plate, measuring not more than 8 in. (20.32 cm) at its longest point and containing not more than five adjustment holes, may be added to the jib.
  - a) A maximum of 1-1/2 in. (38.1 mm) of sail, measured diagonally, may be removed from the jib for installation of the clew plate.
  - b) A grommet, measuring not more than 1-1/2 in. (38.1 mm) at the inside diameter, may be placed at the clew of the jib in place of the jib plate.
- 3.2 Jib batten pockets may be installed in the Hobie 16 jib leach to eliminate the need for batten ties.
- 3.3 DACRON sails built from IHCA approved patterns and manufactured by the HOBIE CAT CO. are class legal.
- 3.4 Mylar sails built from IHCA approved patterns and manufactured by the HOBIE CAT CO. are class legal in the North American Region only. Mylar sails shall not be class legal for any international events.

### **4. MASTS**

- 4.1 The standard 3:1 jib halyard downhaul system may be relocated if desired.
  - a) A 3:1 maximum purchase pulley system installed at the head of the jib may replace the pigtail and standard jib downhaul system.
  - b) The cleat must remain on the mast with the jib halyard running down the mast and attached to the cleat while sailing.

- c) The jib luff tension shall not be adjustable at the sail tack while sailing.
- d) Jib halyard tension may be adjusted while sailing. The jib halyard can be cleated to both cleats on the mast to pull the halyard to the center of the mast. Cleats on the mast may be changed to a similar cleat. No "Cam" cleats or blocks are allowed. If purchase is at the base of the mast, it shall not exceed 5:1.

4.2 Halyard clips for the purpose of moving the halyard aft of the mast are permitted. The halyard must still cleat to the original cleat on the mast.

4.3 A pad eye and single cleat of your choice may be added to either side of the mast for Cunningham adjustment, consisting of one line equaling not more than a 2:1 purchase.

4.4 Each mast shall have a black band around it, as supplied by the HOBIE CAT CO., to indicate maximum downhaul.

- a) The black band is located 24 ft. 8 in. (7.52) meters) from the top of the mast not including the mast cap.
- b) The uppermost portion of the gooseneck slide shall be the guide for measurement, and the top of the slide must not be downhauled beyond the top of the band.

## **5. WIRES**

5.1 Bridle lengths shall not be shorter than 44 in. (111.8 cm) pin to pin.

5.2 Pigtailed may be changed or altered to increase strength only. They must connect at the mast tang and the jib halyard block in the same manner as the HOBIE CAT CO. supplied boat (except when the jib halyard is modified according to 4.1a).

## **6. EQUIPMENT**

6.1 A single block with one sheave and becket may be added at the gooseneck for downhaul tension adjustment. Downhaul cleats may be changed to a similar type cleat only. No "Cam" type cleats are permitted.

6.2 The mast base casting rotation stops may be altered, but the mast shall remain free to rotate from side to side. The mast shall not have controls to permit adjustments while racing, except as outlined in Rule 16.1 of the General Rules.

6.3 The outhaul line may be changed at the sail clew provided it runs over the end of the boom to the cleat. The mechanical purchase of the outhaul shall not be altered from 1:1.

6.4 A clew keeper line may be tied through the clew of the mainsail to the boom. Blocks or cleats shall not be used. Slugs (maximum of two) that fit into the boom track may be attached to the clew of the main instead of the clew keeper.

6.5 The dolphin striker provided by the HOBIE CAT CO. shall not be removed.

6.6 Two inspection ports per deck may be added to the boat.

6.7 A swivel connector may be installed at the lower end of the pigtail of the jib forestay.

6.8 Foot straps may be installed on the crossbars, sidebars or hulls.

6.9 Sidebars, crossbars and decks may be coated to improve footing.

6.10 Safety lines are permitted.

**7. MINIMUM CREW WEIGHT**

The minimum combined crew weight of a Hobie 16 shall be 285 lbs. (129.3 kg.). (See Rule #17 of the General Rules.)

- 7.1 The minimum combined women's crew weight for women's class racing events (non-open events) shall be 260 lbs (118.2 kg.)

**8. MINIMUM BOAT WEIGHT**

The minimum weight of a Hobie 16, completely assembled, shall be 320 lbs (145.15 kg.). (See Rule #19 of the General Rules).

**9. TRAPEZES**

A maximum of two trapeze wires are allowed on each side of the boat. Supplied wires may be shortened, lengthened and have adjustable systems installed.

**TRAPSEAT GUIDELINES FOR THE HOBIE 16**

**1. FORMAT**

A Hobie Cat 16 with trapseats shall be sailed by a helmsperson and crew. Crew shall number one except where race organisers rule that crew in all craft shall number two.

**2. HELMSPERSON**

- 2.1 The helmsperson shall be disabled i.e. shall be classifiable according to that version of the IFDS Functional Classification System current at the time of the championship.

OR

- 2.2 The helmsperson may be able-bodied or disabled.

**3. CREW**

The crew may be able-bodied or disabled.

**4. NUMBER OF TRAPEATS**

There shall be two trap seats attached to each boat.

**5. HIKING**

The crew may hike from any position.

**6. POSITION WHEN RACING**

When racing, no part of the torso of the helmsperson shall pass the centre line of the boat.

**7. CAPSIZE**

Rule 6 shall not apply in the event of a capsize.

**8. NOMINATION OF STEERING SIDE**

Before each race, each helmsperson shall nominate the side of the boat from which he/she will steer the boat.

**9. DISQUALIFICATION**

No competitor will be disqualified due to assistance received in the event of a capsize or other emergency deemed such by the race organisers.

## **HOBIE 17 CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. RUDDER BLADES, RUDDER ASSEMBLIES AND CENTER BOARDS**

- 1.1 The maximum length of the centerboard line is 12-1/2 in. (31.75 cm), measured from the top of the deck to the point of handle that can not fit in the hole, in the fully up position.
- 1.2 Rudder blades, rudder assemblies and centerboards shall be stock as supplied by the HOBIE CAT CO. HOBIE CAT CO. supplied rudder housings and centerboards shall not be modified except for minimum filing to improve fit and function. Only HOBIE CAT CO. supplied after market rudders are allowed to replace stock rudders.

### **2. SAILS**

Sail downhaul purchase shall not exceed 6:1. Downhaul must cleat on mast, boom or foot of sail and may be rigged in any manner. "Cam" Cleats are legal.

### **3. MASTS**

Each mast shall have a black band around it as supplied by the HOBIE CAT CO The black band shall be located between the rotation control and gooseneck 26 ft. 10 in. (8.18 m) from the top of the mast not including the mast cap. Boats manufactured after 1 January 1995 may only sail in European class competition with an all aluminum mast.

### **4. BOOMS**

A shock cord may be installed to remove tension on the outhaul when the outhaul line is uncleated. The maximum purchase is 2:1.

### **5. WIRES**

- 5.1 Bridle wire lengths shall not be shorter than 120 in. (3.05 meters) pin to pin.
- 5.2 Supplied trapeze wires may be shortened, lengthened and have adjustable systems installed. Only one trapeze wire per side is allowed.

### **6. EQUIPMENT**

- 6.1 The Hobie 17 shall be raced with wings.
- 6.2 A preventer may be added to keep the mast in rotation and may be rigged in any manner.
- 6.3 Only HOBIE CAT CO. supplied trampolines and wing trampolines shall be used.
- 6.4 Hiking straps may be added to the trampoline or aluminum crossbars.
- 6.5 Foot straps may be added to the wings.
- 6.6 Righting water bags and/or shroud lengthening devices may be carried on board. The shroud lengthening device must be returned to its normal storage position after use and before continuing to race. The maximum length of shroud lengthening devices shall be 26 in. (66.0 cm).
- 6.7 Two inspection ports per deck may be added to the boat.
- 6.8 Safety lines are permitted.

### **7. MINIMUM CREW WEIGHT**

The minimum combined crew weight of a Hobie 17 shall be 160 lbs. (72.6 kg.). (See Rule 17 of the General Rules).

**8. MINIMUM BOAT WEIGHT**

The minimum boat weight of a Hobie 17 with wings, completely assembled, shall be 330 lbs (149.7 kg.) (See Rule #19 of the General Rules.)

**9. TRAVELERS AND TRAVELER CARS**

9.1 Any type of traveler cars that operate in the HOBIE CAT CO. supplied traveler tracks are acceptable. The tracks shall not be altered, changed or added to in any way.

9.2 The HOBIE CAT CO. supplied integrated traveler systems are class legal.

## **HOBIE 18 / HOBIE 18 MAGNUM / HOBIE SX-18 / HOBIE 18 FORMULA CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. RUDDER BLADES, RUDDER ASSEMBLIES AND DAGGER BOARDS**

- 1.1 Rudder blades, rudder assemblies and dagger boards shall be stock as supplied by the HOBIE CAT CO. HOBIE CAT CO. supplied rudder housings and dagger boards shall not be modified except for minimum filing to improve fit and function. Only HOBIE CAT CO. supplied after-market rudders are allowed to replace stock rudders.
- 1.2 Dagger boards in the down position shall not extend into the dagger board trunk beyond one half the diameter of the rope handle hole.
- 1.3 Anti-chafing and shimming pads may be added to the leading and trailing edges of the dagger board trunk.

### **2. SAILS**

- 2.1 A reef point may be added to the mainsail.
- 2.2 A jib clew plate, measuring not more than 8 in. (20.32cm) at its longest point and containing not more than five adjustment holes, may be added to the jib.
  - a) A maximum of 1-1/2 in. (38.1 mm) of sail, measured diagonally, may be removed from the jib for installation of the clew plate.
  - b) A grommet measuring not more than 1-1/2 in. (38.1 mm) at the inside diameter may be placed at the clew of the jib in place of the jib clew plate.
- 2.3 Pig tails for the purpose of attaching blocks may be added to the clew of the jib and the boom bale

### **3. MASTS**

Each mast shall have a black band around it, as supplied by the HOBIE CAT CO. The black band shall be located 27 ft. (8.23m) from the top of the mast not including the mast cap for the 18 and 18 magnum.

### **4. WIRES**

Bridle lengths shall not be shorter than 41 in, (104.14 cm) pin to pin.

### **5. EQUIPMENT**

- 5.1 Sail downhaul purchase shall not exceed 8:1 purchase. Rigging of downhaul and related control equipment may be installed to the owner's and skipper's specification, provided it does not structurally weaken the mast or the boat or interfere with other HOBIE CAT CO. components.
- 5.2 Line(s) or bungee cord(s) may be added as a tangle preventer for jib sheet lines.
- 5.3 Foot straps may be installed on the hulls.
- 5.4 Crossbars and decks may be coated to improve footing.
- 5.5 Safety lines are permitted.
- 5.6 Additional mast rotation devices and related control equipment may be installed to the owner's and skipper's specification, provided it does not structurally weaken the mast or the boat or interfere with HOBIE CAT CO. components.

5.7 Additional jib cleats may be installed to the owner's and skipper's specifications provided their mounting does not structurally weaken the boat or interfere with other HOBIE CAT CO. components.

## **6. MINIMUM CREW WEIGHT**

6.1 The minimum combined crew weight of a Hobie 18 shall be 295 lbs. (133.8 kg.) (See Rule No 17 of the General Rules.)

6.2 The minimum combined women's crew weight for women's class racing events (non-open events) shall be 260 lbs (118.2 kg.)

## **7. MINIMUM BOAT WEIGHT**

The minimum weight of a Hobie 18, completely assembled, shall be 400 lbs. (181.4 kg). (See Rule #19 of the General Rules.)

## **8. TRAPEZES**

A maximum of two trapeze wires are allowed on each side of the boat.

- a) Supplied wires may be shortened, lengthened and have adjustable systems installed.
- b) Trapeze shock cords may lead from different fairleads than those supplied by the HOBIE CAT CO. but shall lead through the hull flange.

## **9. HOBIE 18 MAGNUM**

The Hobie 18 Magnum Class Rules are the same as the Hobie 18 Class Rules except as modified herein.

## **10. EQUIPMENT**

- 10.1 The Hobie 18 Magnum shall be raced with wings supplied by the HOBIE CAT CO.
- 10.2 Hiking straps may be added to the crossbars or wing supports.
- 10.3 Foot straps may be added to the wings.

## **HOBIE SX-18**

11. The Hobie SX-18 Class Rules are the same as the Hobie 18 Class Rules except as modified herein.

12. The Hobie SX-18 shall be sailed only on water surfaces greater than 400 acres (160 hectares) of open area.

## **13. EQUIPMENT**

- 13.1 The Hobie SX-18 shall be raced with wings supplied by the HOBIE CAT CO.
- 13.2 Hiking straps may be added to the crossbars or wing supports.
- 13.3 Foot straps may be added to the wings.
- 13.4 Mainsail downhaul purchase shall not exceed 6:1 and may be rigged in any manner.
- 13.5 Jib sail downhaul purchase shall not exceed 4:1 and may be rigged in any manner.
- 13.6 Battens of any type may be used. They may be cut, shaped and tapered as desired.
- 13.7 A preventer may be added to keep the mast in rotation.

#### **14. SPINNAKERS (THIRD SAILS) AND SPINNAKER POLES**

One spinnaker may be carried on board and used on any point of sail. The spinnaker must be HOBIE CAT CO. supplied as noted by the Hobie Cat patch and factory signature on the sail. Fittings and equipment to fly the sail have the following limitations;

- a) Only a class-legal, HOBIE CAT CO. spinnaker pole may be used to fly the spinnaker.
- b) The sail cannot be attached to the mast above 23 ft. 11-1/2 in. (7.30 meters) measured from the bottom of the mast extrusion.
- c) Fittings and equipment for sheeting the spinnaker must be attached to or mounted on existing aluminum extrusions. Rigging is of open design.
- d) Spinnakers may be changed during a regatta without race committee approval. This modifies General Rule 12.3 for spinnakers only.
- e) A maximum of two spinnakers may be used per regatta.
- f) For the purpose of long distance sailing, back stays are permitted. Fittings must be attached to or mounted on existing aluminum extrusions.

#### **15. MASTS AND BOOMS**

- 15.1 The section of the mast and boom extrusions shall not be altered in any way except for the attachment of the fittings and equipment for flying sails or reefing as permitted in these rules.
- 15.2 No internal devices are allowed except as supplied.
- 15.3 The SX-18 black band shall be 27 FT. 10 IN.( 8.48 M) from the top of the mast not including the mast cap.

#### **16. MINIMUM CREW WEIGHT**

The minimum combined crew weight of a Hobie SX-18 shall be 310 lbs. (140.6 kg.). See Rule #17 of the General Rules.

#### **17. MINIMUM BOAT WEIGHT**

The minimum boat weight of a Hobie SX-18, completely assembled, without spinnaker, spinnaker pole and spinnaker gear, shall be 455 lbs. (206.4 kg). See Rule #19 of the General Rules.

### **HOBIE 18 FORMULA**

#### **18. RULES**

The Hobie 18 Formula Class Rules are the same as the Hobie 18 Class Rules except as modified herein.

#### **19. EQUIPMENT**

- 19.1 The Hobie 18 Formula may be raced with or without wings supplied by the manufacturer. However, the configuration of the boat starting the first race of the regatta shall remain the same configuration for all remaining races in the regatta.
- 19.2 Hiking straps may be added to the crossbars or wing supports.
- 19.3 Foot straps may be added to the wings.
- 19.4 Mainsail downhaul purchase shall not exceed 8:1 and may be rigged in any manner.
- 19.5 Jib sail downhaul purchase shall not exceed 4:1 and may be rigged in any manner.

- 19.6 Mainsail blocks purchase shall not exceed 8:1 and may be rigged in any manner.
- 19.7 A preventer may be added to keep the mast in rotation.
- 19.8 Additional mast rotation devices and related control equipment may be installed to the owner's and/or skipper's specifications provided it does not structurally weaken the mast or the boat or interfere with factory supplied components. The HOBIE CAT CO. supplied equipment must remain in its original position on the boat. Only mainsail and jib sail supplied by the HOBIE CAT CO. will be class legal for monotype regatta or open events in Europe. Exceptions may be allowed for certain events like long distance races (where the rating is different from the original).
- 19.9 Battens of any type may be used. They may be cut, shaped and tapered as desired.
- 19.10 The maximum length of the centerboard line is 15 in. (38.1 cm), measured from the top of the deck to the point of handle that can not fit in the hole, in the fully up position.

## **20. OPTIONAL THIRD SAIL (SPINNAKER)**

- 20.1 Third sail of open design may be carried on board and used on any point of the race. Fittings and equipment to fly the sail are the owner's and designer's choice. Only the spinnaker supplied by the HOBIE CAT CO. will be class legal for Hobie monotype regatta (see 19.8). For certain events, the following limitations must be applied to the conception and rigging of the third sail and apply to the third sail design:
- a) The open design sail cannot be attached to the mast above 8 m. (26 ft. 3 in.) measured from the bottom of the mast extrusions. Free rotating mast-tang is permitted.
  - b) Fittings and equipment for sheeting the open sail must be attached to or mounted on existing aluminum extrusions.
  - c) A maximum of two open sails may be carried on board at an event and shall not be replaced during a race or regatta unless damaged and no longer usable. Race Committee approval for a replacement sail must be received prior to sail use.
  - d) A maximum of two open sails may be registered and identified before the start of each event. A Race Committee member's signature on the sail is acceptable identification.
  - e) A HOBIE CAT CO. supplied spinnaker pole including all attachments and fittings, shall not exceed the total length of 3.50 m (11 ft. 5 3/4 in.). The attachment of the spinnaker pole is normally at the middle of the front crossbar, or it may be mobile rigged allowing for bracing of the pole.
  - f) No more than one open sail may be flown at any one time.
  - g) Third sail parameters are:
    - Maximum luff 8.45 m. (27 ft. 8 5/8 in.)
    - Maximum area 20.30 m<sup>2</sup> (218.5 sq. ft.)
    - Spinnaker mid-girth is greater than 75% of the foot
  - h) Spinnaker sheet purchase shall not exceed 1:1 and may be rigged in any manner.
  - i) HOBIE CAT CO. spinnaker poles only are Class legal.
- 20.2 A HOBIE CAT CO. supplied barber hauler system (with chain and rope stretched across the trampoline) is permitted, provided it does not structurally weaken the boat. Barber haulers and open-sails twings must be attached only to boom or wings.

**21. MASTS AND BOOMS**

21.1 The sections of the mast and boom extrusions shall not be altered in any way except for the attachment of the fittings and equipment for flying sails or reefing as permitted in these rules.

21.2 No internal devices are allowed except as supplied.

21.3 The black band shall be located between the rotation control and gooseneck.

**22. WIRES**

For the purpose of long distance sailing, back stays are permitted. Fittings must be attached to or mounted on existing aluminum extrusions.

## **HOBIE TIGER CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. RUDDER BLADES, RUDDER ASSEMBLIES AND DAGGERBOARDS**

- 1.1 Rudder blades, rudder assemblies and dagger boards shall be stock as supplied by the HOBIE CAT CO.
- 1.2 Top edge of the dagger board in the down position shall not extend below the level of the deck into dagger board trunk.
- 1.3 Anti-chafing and shimming pads may be added to the leading and trailing edges of the dagger board trunk.
- 1.4 HOBIE CAT CO. supplied rudder assemblies, rudder blades and dagger boards shall not be modified except for minimum filing to improve fit and function.

### **2. HULLS AND DECKS**

No changes may be made to the hulls that decrease weight or hull strength by removing flotation or standard factory fiberglass reinforced plastic (FRP) lay-up.

### **3. SAILS**

- 3.1 Main sail and roller furling jib 4.15 m<sup>2</sup> (43.06 sq. ft.) are to be raced as supplied from HOBIE CAT CO.
- 3.2 Only battens as supplied by HOBIE CAT CO. are class legal. Such supplied battens may be made of any material. They may be cut, shaped and tapered as desired. Any type of batten caps may be used.
- 3.3 Mainsail downhaul purchase shall not exceed 12:1 and may be rigged in any manner.
- 3.4 Jib sail downhaul purchase shall not exceed 3:1 and may be rigged in any manner.
- 3.5 Reefing of any sail is permitted. Reefing design shall be open provided it does not structurally weaken the boat or interfere with basic functions of HOBIE CAT CO. supplied components.
- 3.6 Pig Tails for the purpose of attaching blocks may be added to the clew of the jib.
- 3.7 Only main, jib and spinnaker sails built from HOBIE CAT CO. approved patterns and manufactured by or for HOBIE CAT CO. are class legal.
- 3.8 A jib sheet cleat may be attached to the stay adjuster.

### **4. MASTS**

- 4.1 The mast design shall not be altered in any way except for the attachment of fittings and equipment for flying open class third sails or reefing.
- 4.2 No internal devices are allowed except as supplied.
- 4.3 A preventer, or otherwise known as a positive mast rotator, may be added to keep the mast in rotation, and may be rigged in any manner.
- 4.4 Additional mast rotation devices and related control equipment may be installed. Design shall be left open provided it does not structurally weaken the boat.
- 4.5 The black band shall be located 47 cm (18.50 inches) from the bottom of the mast extrusion to the top of the black band.

## **5. WIRES AND RUNNING GEAR**

- 5.1 Running gear of any type may be used provided it is of equal strength or better than HOBIE CAT CO. supplied equivalent components. Tapered sheets are not allowed.
- 5.2 Additional shroud adjusters may be added to the forestay bridle.
- 5.3 The clevis pin and ring on the forestay and/or shroud adjuster, as provided by HOBIE CAT CO., may be replaced by a quick-release pin or shackle.
- 5.4 Bridle wire lengths shall not be shorter than 1.20 meters (47.24 inches) and shall attach to the jib furler as supplied.

## **6. EQUIPMENT**

- 6.1 Compasses, navigation and speed metering equipment of any type are permitted.
- 6.2 Additional safety equipment of any type is permitted.
- 6.3 Mainsheet blocks of different design or make may be used, provided the purchase advantage is equal to or less than 8:1.
- 6.4 The mainsheet system shall be of a conventional type with the lower block(s) attaching to the traveler car and the upper block(s) attaching to the boom. A wire stop to attach the upper block to the boom is permitted.
- 6.5 Jib sheet blocks of different design or make may be used provided the purchase advantage is equal to or less than 3:1. Jib cleats may be moved. The Jib sheet lead block shall not be relocated from the track.
- 6.6 Replacement blocks or fittings shall not be constructed of exotic materials such as carbon, titanium, etc.
- 6.7 Spinnaker sheet blocks of different design or make may be used. Additional blocks may be added. The Spinnaker sheet blocks and spinnaker running gear may be mounted/rigged in any manner.
- 6.8 Hiking straps and foot straps may be added.
- 6.9 Additional grommets may be added to the trampoline.
- 6.10 Crossbars and decks may be coated to improve footing.
- 6.11 Line(s) or elastic cord(s) may be added as tangle preventers for jib sheet lines, spinnaker and spinnaker sheet/halyard lines.
- 6.12 Safety lines are permitted.

## **7. SAFETY EQUIPMENT**

- 7.1 A minimum 9.5 mm (3/8 inches) diameter righting line consisting of at least one 4.9 meter (16 ft.) length of line or two 2.45 meter (8 ft.) lengths of line minimum shall be securely attached and readily accessible from each side of the boat. The righting lines shall be in addition to all other required equipment.
- 7.2 Righting water bags, righting pole type devices and shroud lengthening devices may be carried on board. Maximum extension of shroud lengthening devices are 68.6 cm (27 inches) The shroud

lengthening device must be returned to its normal storage position after use and before continuing to race.

**8. MINIMUM CREW WEIGHT**

The Hobie Tiger shall have a minimum combined crew weight of 140 kg. (308.65 lbs).

**9. MINIMUM BOAT WEIGHTS**

The minimum weight of a Hobie Tiger, completely assembled with spinnaker and running gear shall be 180 kg.( 396.83 lbs.). See Rule #19 of the General Rules..

**10. TRAPEZES**

A maximum of two trapeze wires are allowed on each side of the boat.

10.1 Trapeze wires may be shortened, lengthened and have adjustable systems installed.

10.2 Trapeze shock cords may lead from different fairleads than those supplied by the HOBIE CAT CO.

**11. OPEN CLASS**

In open class racing there are no limitations on spinnaker, spinnaker pole, spinnaker gear, hiking or sheeting systems. However, HOBIE CAT CO. does not condone or recommend these changes due to possible boat, gear, or component fatigue failure.

**12. THIRD SAIL (SPINNAKER) ) AND SPINNAKER POLE (BOWSPRIT)**

12.1 The Hobie Tiger class spinnaker of 21 m<sup>2</sup> (226.04 sq. ft.) as supplied by the HOBIE CAT CO. shall be carried during Class events

12.2 Only bowsprits supplied by a HOBIE CAT COMPANY are class legal. The bowsprit shall be fixed on the longitudinal centre line of the boat as provided by the manufacturer. Supporting wires/lines may be shortened, lengthened, mounted and/or rigged in any manner. Additional blocks/cleats for spinnaker running gear and jib luff control may be mounted on the bowsprit.”

## **HOBIE 20 CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. RUDDER BLADES, RUDDER ASSEMBLIES AND DAGGERBOARDS**

- 1.1 Rudder blades, rudder assemblies and dagger boards shall be stock as supplied by the HOBIE CAT CO. Only HOBIE CAT CO. supplied after-market rudders are allowed to replace stock rudders.
- 1.2 Dagger boards in the down position shall not extend into the dagger board trunk beyond one half the diameter of the rope handle hole.
- 1.3 Anti-chafing and shimming pads may be added to the leading and trailing edges of the dagger board trunk.
- 1.4 HOBIE CAT CO. supplied rudder assemblies, rudder blades and dagger boards shall not be modified except for minimum filing to improve fit and function.
- 1.5 Rudder pins may be made of any material.

### **2. HULLS AND DECKS**

No changes may be made to the hulls that decrease weight or hull strength by removing flotation or standard factory fiberglass reinforced plastic (FRP) lay-up.

### **3. SAILS**

- 3.1 Battens of any type may be used. They may be cut, shaped and tapered as desired. Any type of batten caps may be used.
- 3.2 Mainsail downhaul purchase shall not exceed 8:1 purchase. The downhaul line must cleat on the mast or foot of the sail and may be rigged in any manner. "Cam" cleats are legal.
- 3.3 Jib sail downhaul purchase shall not exceed 4:1 and may be rigged in any manner.
- 3.4 Reefing of any sail is permitted. Reefing design shall be left to the owner's and designer's choice provided it does not structurally weaken the boat or interfere with basic functions of the HOBIE CAT CO. supplied components.
- 3.5 A roller furler may replace the HOBIE CAT CO. supplied jib tack.
- 3.6 Pig Tails for the purpose of attaching blocks may be added to the clew of the jib and the boom bale.
- 3.7 Only main and jib sails built from IHCA approved patterns and manufactured by the HOBIE CAT CO. are class legal.

### **4. MASTS**

- 4.1 The mast design shall not be altered in any way except for the attachment of fittings and equipment for flying open class third sails or reefing.
- 4.2 No internal devices are allowed except as supplied.
- 4.3 All halyard lines running above the hounds must be nonelectrical conducting. (In North America only.)
- 4.4 A preventer may be added to keep the mast in rotation and may be rigged in any manner.

4.5 Additional mast rotation devices and related control equipment may be installed to the owner's and/or skipper's specifications provided they do not structurally weaken the boat or interfere with HOBIE CAT CO. supplied components.

4.6 The black band shall be located 19.25 inches (48.9 cm) from the bottom of the mast extrusion to the top of the black band .

## **5. BOOMS**

5.1 A shock cord may be installed to remove tension on the outhaul when the outhaul line is uncleated. The maximum purchase is 2:1

5.2 A turning block for outhaul adjustment line is allowed to be added to boom as long as purchase advantage is not changed.

## **6. WIRES AND RUNNING GEAR**

6.1 Running gear of any type may be used provided it is of equal strength or better than HOBIE CAT CO. supplied equivalent components.

6.2 Additional shroud adjusters may be added to the forestay bridle.

6.3 The clevis pin and ring on the forestay adjuster, as provided by the HOBIE CAT CO., may be replaced by a quick-release pin, shackle or the like.

6.4 Bridle wire lengths shall not be shorter than 44 in. (1.12 meters).

## **7. EQUIPMENT**

7.1 The Hobie 20 shall be raced without wings.

7.2 Compasses, navigation and speed metering equipment of any type are permitted. Radios may be used for weather information and for emergencies under the following conditions.

a) On board radios must be OFF and stored from 1/2 hour prior to warning signal of the first race until after the finish of the last race of the day unless specified otherwise in the Notice of Race and Sailing Instructions.

b) If any on-board radio is on during the time restriction, the competitor shall retire immediately and notify the race committee of its action.

c) On board use of radios during the time restriction to monitor the race committee channel, or any other channel, shall result in a DSQ for that race. The jury may also retire the competitor from the entire series.

7.3 Additional safety equipment of any type is permitted.

7.4 Mainsheet blocks of different design or make may be used, provided the purchase advantage is equal to or less than 7:1.

7.5 Genoa sheet blocks of different design or make may be used provided the purchase advantage is equal to or less than 3:1.

7.6 Hiking straps and foot straps may be added.

7.7 Additional grommets may be added to the trampoline.

7.8 Crossbars and decks may be coated to improve footing.

- 7.9 Line(s) or bungee cord(s) may be added as tangle preventers for jib sheet lines.
- 7.10 Safety lines are permitted.
- 7.11 Inboard - outboard jib traveller systems may be permanently fixed or adjustable. Wires may be removed or modified.

## **8. SAFETY EQUIPMENT**

- 8.1 A minimum 3/8 in. (9.5 mm) diameter righting line consisting of at least one 16 ft. (4.9 meter) length of line or two 8 ft. (2.45 meter) lengths of line minimum shall be securely attached and readily accessible from each side of the boat. The righting lines shall be in addition to all other required equipment.
- 8.2 Righting water bags, righting pole type devices, and shroud lengthening devices may be carried on board. Maximum extension of shroud lengthening devices are 27 in. (68.6 cm). The shroud lengthening device must be returned to its normal storage position after use and before continuing to race.

## **9. MINIMUM CREW WEIGHT**

The Hobie 20 shall have a minimum combined crew weight of 295 lbs. (133.8 kg.).

## **10. MINIMUM BOAT WEIGHTS**

The minimum weight of a Hobie 20, completely assembled, shall be 420 lbs. (190.5 kg.). See Rule #19 of the General Rules.

## **11. TRAPEZES**

A maximum of two trapeze wires are allowed on each side of the boat.

- a) Supplied trapeze wires may be shortened, lengthened and have adjustable systems installed.
- b) Trapeze shock cords may lead from different fairleads than those supplied by the HOBIE CAT CO.

## **12. OPEN CLASS**

In Open Class racing there are no limitations on spinnaker, spinnaker pole, spinnaker gear, hiking or sheeting systems. However, HOBIE CAT CO. does not condone or recommend these changes due to possible boat, gear, or component fatigue failure.

## **13. OPTIONAL OPEN CLASS THIRD SAIL (SPINNAKER)**

Third sail of open design may be carried on board and used on any point of the race. Fittings and equipment to fly the sail are the owner's and designer's choice. Third sail shall be legal only for Open Class racing.

## **HOBIE 21 CLASS RULES**

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### **1. SAFETY EQUIPMENT**

- 1.1 A minimum 3/8 in. (9.5 mm) diameter righting line consisting of at least one 20 ft. (6.1 meter) length of line or two 10 ft. (3.1 meter) lengths of line minimum shall be securely attached and readily accessible from each side of the boat. The righting lines shall be in addition to all other required equipment. This modifies General Rule 8.2.
- 1.2 Maximum extension of shroud lengthening devices shall be 27 in. (68.6 cm).

### **2. HULLS AND DECKS**

- 2.1 No changes may be made to the hulls that decrease weight or hull strength by removing flotation or standard factory fiberglass reinforced plastic lay-up.
- 2.2 Advertising and commercial messages are not permitted on the genoa (jib) or hulls forward of the front crossbar. These spaces are reserved for the IHCA. All other boat surfaces and sails may carry advertising and commercial messages.
- 2.3 Hull numbers must be distinguishable on both sides of the boat and be no less than 12 in. or more than 24 in. and located on the foremost outer section of the bow.

### **3. RUDDERS, RUDDER ASSEMBLIES AND CENTERBOARDS**

- 3.1 HOBIE CAT CO. supplied rudder assemblies, rudder blades and centerboards shall not be modified except for minimum filing to improve fit and function.
- 3.2 The maximum length of the centerboard rope line is 21-1/2 in. (54.6 cm.) measuring from the top of the deck to the underside of the handle in the full up position.

### **4. TILLER ASSEMBLIES**

Straight or Bent tiller crossbars and tiller arms are legal and shall be of specified length.

### **5. SAILS**

- 5.1 Battens of any type may be used. They may be cut, shaped and tapered as desired. Any type of batten caps may be used.
- 5.2 If mainsails and optional sails have a sail number, they must correspond to the number on the hulls.
  - a) Sail numbers shall be no less than 12 in. (30.5 cm) and no more than 24 in. (61 cm) in height.
  - b) Sail numbers must be distinguishable on both sides of the sail.
- 5.3 Mainsail downhaul purchase shall not exceed 6:1 and may be rigged in any manner.
- 5.4 Jib sail downhaul purchase shall not exceed 4:1 and may be rigged in any manner.
- 5.5 Third sails of open design may be carried on board and used on any point of sail. Fittings and equipment to fly the sail are the owner's and designer's choice. The following limitations apply to the third sail design:
  - a) The open design sail cannot be attached to the mast above 28 ft. (8.53 meters) measured from the bottom of the mast extrusion.

- b) Fittings and equipment for sheeting the open sails must be attached to or mounted on existing aluminum extrusion.
- c) A maximum of two open sails may be carried on board at an event and shall not be replaced during a race or regatta unless damaged and no longer usable. Race Committee approval for a replacement sail must be received prior to sail use.
- d) A maximum of two open sails may be registered and identified before the start of each event. A Race Committee member's signature on the sail is acceptable identification.
- e) A spinnaker pole no longer than the distance from the center line of the front crossbar to either bow may be used to fly the open sails. Rigging is of open design.
- f) No more than one open sail may be flown at any one time.
- g) Third sail parameters are:  
 Maximum luff 30 ft. (9.15 meters)  
 Maximum foot 20 ft. (6.1 meters)  
 Minimum S.M.G. 13 ft. (3.96 meters)
- h) Registered open sail(s) may or may not be carried on board during each race of an event.

5.6 Reefing of any sail is permitted. Reefing design shall be left to the owner's and designer's choice provided it does not structurally weaken the boat or interfere with basic functions of the HOBIE CAT CO. supplied components.

5.7 Barber hauler rings and open sail twings are permitted provided no wire or equivalent is stretched across the trampoline. Jib blocks shall remain directly attached to the jib block cars in their tracks. Rigging of barber hauler lines is open design provided it does not structurally weaken the boat or interfere with the HOBIE CAT CO. supplied components.

\* Barber haulers and open sail twings shall be attached to boom or wings only.

## **6. MASTS**

6.1 The mast design shall not be altered in any way except for the attachment of fittings and equipment for flying sails or reefing.

6.2 No internal devices are allowed except as supplied.

6.3 All halyard lines running above the hounds must be nonelectrical conducting.

6.4 A preventer may be added to keep the mast in rotation.

6.5 Additional mast rotation devices and related control equipment may be installed to the owner's and/or skipper's specifications provided they do not structurally weaken the boat or interfere with HOBIE CAT CO. supplied components.

6.6 The black band shall be located 31 ft. 11 in. (9.73 meters) from the top of the mast not including the mast cap.

## **7. BOOMS**

A shock cord may be installed to remove tension on the outhaul when the outhaul line is uncleaned. The maximum purchase is 2:1.

## **8. WIRES AND RUNNING GEAR**

8.1 Running gear of any type may be used provided it is of equal strength or better than HOBIE CAT CO. supplied equivalent components.

8.2 Additional shroud adjusters may be added to the forestay bridle.

8.3 Bridle wire lengths shall not be shorter than 55 in. (1.4 meters).

## **9. EQUIPMENT**

9.1 The Hobie 21 shall be raced with wings.

9.2 Compasses, navigation and speed metering equipment of any type are permitted. Radios may be used for weather information and for emergencies under the following conditions.

- a) On board radios must be OFF and stored from 1/2 hour prior to warning signal of the first race until after the finish of the last race of the day unless specified otherwise in the Notice of Race or Sailing Instructions.
- b) If your on-board radio is on during the time restriction, the competitor shall retire immediately and notify the race committee of its action.
- c) On board use of radios to monitor the race committee channel, or any other channel, shall result in DSQ for that race. The jury may also retire the competitor from the entire series.

9.3 Additional safety equipment of any type is permitted.

9.4 Mainsheet blocks of different design or make may be used provided the purchase advantage is equal to or less than 10:1.

9.5 Genoa sheet blocks of different design or make may be used provided the purchase advantage is equal to or less than 3:1.

9.6 Hiking straps may be added provided they are attached to existing aluminum extrusions and/or trampolines.

9.7 Foot straps may be added to the wings.

9.8 Additional grommets may be added to the trampoline.

9.9 Wings, crossbars and decks may be coated to improve footing.

## **10. MINIMUM CREW WEIGHT**

The Hobie 21 shall have a minimum combined crew weight of 330 lbs (149.7kg).

## **11. MINIMUM BOAT WEIGHTS**

The minimum boat weight of the Hobie 21 shall be the following:

- a) Platform (less mast, boom, rigging, trapezes, wings and sails) 420 lbs (190.5kg)
- b) Mast, boom, double trapezes, standing and running (blocks) rigging: 100 lbs. (45.4 kg).
- c) Wings with wing trampolines: 45 lbs. (20.4 kgs.)

## **12. OPEN CLASS**

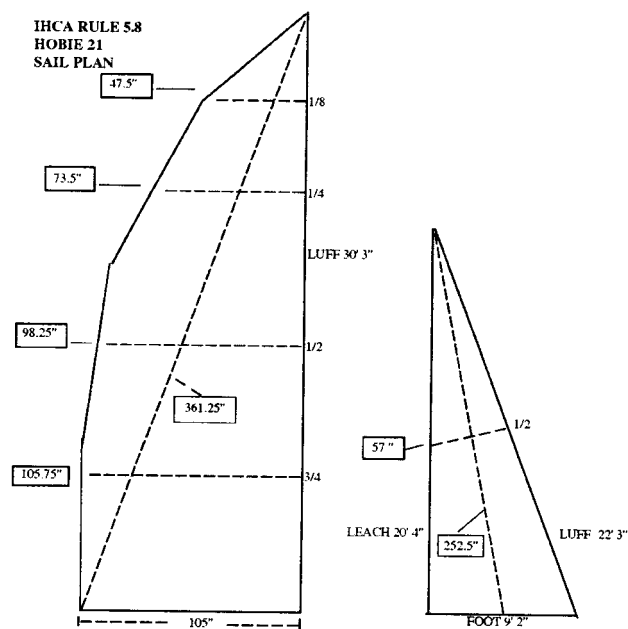
In Open Class racing, there are no limitations on spinnaker, spinnaker pole, spinnaker gear, hiking or sheeting systems. However, HOBIE CAT CO. does not condone or recommend these changes due to possible boat, gear, or component fatigue failure.

The IHCA method of measuring mainsail cross widths is to measure the distance from the leech measurement points at eighth, quarter, half, or three-quarter height to the nearest points on the luff of the sail, excluding the bolt rope, if any.

The measurement point at half height on the leech, the midpoint, is found by folding the head to the clew and equally tensioning the two halves of the leech so formed.

The eighth, quarter and three-quarter points are found similarly by folding the clew and head respectively to the midpoint.

To take the measurement from the leech to the "nearest point" on the luff, the end of the tape is held at the measurement point on the leech, while the measurer checks the measurement at various points on the luff (always applying just enough tension on the sail along the line of the measurement to remove the wrinkles across that line) until he has found the minimum reading.



# HOBIE FOX CLASS RULES

*(Revised 3/8/01)*

## HOBIE FOX CLASS RULES

NOTE: THE HOBIE CLASS GENERAL RULES ARE PART OF THESE RULES.

### 1. RUDDER BLADES, RUDDER ASSEMBLIES AND DAGGERBOARDS

- 1.1 Rudder blades, rudder assemblies and daggerboards shall be stock as supplied by the HOBIE CAT CO.
- 1.2 Top edge of the daggerboard in the down position shall not extend below the level of the deck into daggerboard trunk.
- 1.3 Anti-chafing and shimming pads may be added to the leading and trailing edges of the daggerboard trunk.

### 2. HULLS AND DECKS

No changes may be made to the hulls that decrease weight or hull strength by removing flotation or standard factory fiberglass reinforced plastic (FRP) lay-up.

### 3. SAILS

- 3.1 Only battens as supplied by HOBIE CAT CO. are class legal. Such supplied battens may be made of any material. They may be cut, shaped and tapered as desired. Any type of batten caps may be used.
- 3.2 Mainsail downhaul purchase shall not exceed 12:1 and may be rigged in any manner.
- 3.3 Jib sail downhaul purchase shall not exceed 3:1 and may be rigged in any manner.
- 3.4 Reefing of any sail is permitted. Reefing design shall be open provided it does not structurally weaken the boat or interfere with basic functions of HOBIE CAT CO. supplied components.
- 3.5 Pig Tails for the purpose of attaching blocks may be added to the clew of the jib.
- 3.6 A jib sheet cleat may be attached to the stay adjuster.

### 4. MASTS

- 4.1 The mast design shall not be altered in any way except for the attachment of fittings and equipment for flying open class third sails or reefing.
- 4.2 No internal devices are allowed except as supplied.
- 4.3 A preventer, or otherwise known as a positive mast rotator, may be added to keep the mast in rotation, and may be rigged in any manner.
- 4.4 Additional mast rotation devices and related control equipment may be installed. Design shall be left open provided it does not structurally weaken the boat.
- 4.5 The black band shall be located 47 cm (18.50 inches) from the bottom of the mast extrusion to the top of the black band.

- 4.5 The black band shall be located 47 cm (18.50 inches) from the bottom of the mast extrusion to the top of the black band.

## 5. WIRES AND RUNNING GEAR

- 5.1 Running gear of any type may be used provided it is of equal strength or better than HOBIE CAT CO. supplied equivalent components. Tapered sheets are not allowed.
- 5.2 Additional shroud adjusters may be added to the forestay bridle and/or to the forestay at the mast tang.
- 5.3 Bridle wire lengths shall not be shorter than 118 cm (46.46 inches) and shall attach to the jib furler as supplied.

## 6. EQUIPMENT

- 6.1 Additional safety equipment of any type is permitted.
- 6.2 Mainsheet blocks of different design or make may be used, provided the purchase advantage is equal to or less than 8:1.
- 6.3 The mainsheet system shall be of a conventional type with the lower block(s) attaching to the traveler car and the upper block(s) attaching to the boom. A wire strop to attach the upper block to the boom is permitted.
- 6.4 Jib sheet blocks of different design or make may be used provided the purchase advantage is equal to or less than 3:1. Jib cleats may be moved. The Jib sheet lead block shall not be relocated from the track.
- 6.5 Replacement blocks or fittings shall not be constructed of exotic materials such as carbon, titanium, etc.
- 6.6 Spinnaker sheet blocks of different design or make may be used. Additional blocks may be added. The Spinnaker sheet blocks and spinnaker running gear may be mounted/rigged in any manner
- 6.7 Hiking straps and foot straps may be added.
- 6.8 Additional grommets may be added to the trampoline.
- 6.9 Crossbars and decks may be coated to improve footing.
- 6.10 Line(s) or elastic cord(s) may be added as tangle preventers for jib sheet lines, spinnaker and spinnaker sheet/halyard lines
- 6.11 Safety lines are permitted.

## 7. SAFETY EQUIPMENT

- 7.1 A minimum 9.5 mm (3/8 inches) diameter righting line consisting of at least one 4.9 meter (16 ft.) length of line or two 2.45 meter (8 ft.) lengths of line minimum shall be securely attached and readily accessible from each side of the boat. The righting lines shall be in addition to all other required equipment.
- 7.2 Righting water bags, righting pole type devices and shroud lengthening devices may be carried on board. Maximum extension of shroud lengthening devices are 68.6 cm (27

inches) The shroud lengthening device must be returned to its normal storage position after use and before continuing to race.

#### **8. MINIMUM CREW WEIGHT**

The Hobie Fox shall have a minimum combined crew weight of 150 kg (330.70 lbs)

#### **9. MINIMUM BOAT WEIGHTS**

The minimum weight of a Hobie Fox, completely assembled with spinnaker and running gear shall 190 kg (418.88 lbs.) See Rule #19 of the General Rules.

#### **10. TRAPEZES**

A maximum of two trapeze wires are allowed on each side of the boat.

10.1 Trapeze wires may be shortened, lengthened and have adjustable systems installed.

10.2 Trapeze shock cords may lead from different fairleads than those supplied by the HOBIE CAT CO.

#### **11. OPEN CLASS**

In open class racing there are no limitations on spinnaker, spinnaker pole, spinnaker gear, hiking or sheeting systems. However, HOBIE CAT CO. does not condone or recommend these changes due to possible boat, gear, or component fatigue failure.

#### **12. THIRD SAIL (SPINNAKER) AND SPINNAKER POLE (BOWSPRIT)**

12.1 The Hobie Fox class spinnaker of 25 m<sup>2</sup> (269.10 sq. ft) as supplied by the HOBIE CAT CO. shall be carried during Class events.

12.2 Only bowsprits supplied by a HOBIE CAT COMPANY are class legal. The bowsprit shall be fixed on the longitudinal centerline of the boat as provided by the manufacturer. Supporting wires/lines may be shortened, lengthened, mounted and/or rigged in any manner. Additional blocks/cleats for spinnaker running gear and jib luff control may be mounted on the bowsprit