



CHYC

Race Management
Committee



Physical Impairment Assessment System

The Charlotte Harbor Yacht Club Race Management “Physical Impairment Assessment System” (PIAS) is designed to assist sailors, coaches, and the CHYC Event Committee ESTIMATE eligibility for participation in disabled sailing. This Functional Assessment provides a more equitable means of quantifying a disabled person's ability to participate in competitive disabled sailing events Hosted by CHYC.

The only way to receive a valid “Classification” is to be evaluated and classified by an official World Sailing Disabled Sailing Committee International Classification Panel or US Sailing National Classification Panel. For these guidelines, please see the current World Sailing DSC Functional Classification System and Procedures Manual available on-line.

“PIAS” attempts to aid sailors, coaches and the CHYC in estimating the level of disability of athletes participating in our programs. "PIAS" is not intended to replace formal classification. **Athletes using the PIAS self-assessment system are not eligible to compete in major US Sailing or WORLD SAILING DSC events.**

DETERMINATION of ELIGIBILITY:

The goals of impairment rating systems for sailing are to enable fair and equitable competition at all levels for mildly, moderately and severely disabled sailors. Sailors are eligible to compete in WORLD SAILING Disabled Sailing Committee and US Sailing “sanctioned” events only if they have a physical disability that causes or ought to cause a noticeable impairment of function while sailing and have a valid, current World Sailing or US Sailing Classification and Status.

PIAS is based entirely on the functions required to compete in competitive disabled sailing events Hosted by CHYC and as such may differ from those functions required for other sports, or for activities of daily living. The main functions of sailing have been identified as:

- (a) Compensation for the movement of the boat (Stability).
- (b) Operating the control lines and the tiller (Hand function).
- (c) Ability to move about in the boat (Mobility).
- (d) Ability to see while racing (Vision).

These functions have been further refined to test:

- (a) Tiller
- (b) Sheeting
- (c) Cleating
- (d) Transferring
- (e) Hiking

Sailor's Name _____

Based on the questions below, a Functional Assessment for disabled sailing should be possible for most sailors

Please fill out the following as instructed.

INFORMATION TABLE

Last name:				First name:	
Gender <i>please indicate</i>	Male		Female		Date of Birth:
Nationality:				Type of Boat Sailed:	
Address:					
Telephone Home:				Telephone Work:	
Fax:				Mobile:	
E-mail:					
Classification Estimated Number from ONE of the Physical Assessments Below:					
BENCHMARK (Physical or Visual Impairment) <input type="checkbox"/> OR NON-BENCHMARK <input type="checkbox"/>					
Benchmark Disability Name:				Non-Benchmark Disability Name:	
Class Number From Guidelines Below:				Class Number From Guidelines Below:	
If you entered a NON-BENCHMARK number, then complete the Sailing Estimate of Eligibility Section of Part B. Please enter that number here:				Non-Benchmark Number From Part B:	

A. PHYSICAL ASSESSMENT

If you have one of the following “BENCHMARK - Physical” injuries or disabilities or a “BENCHMARK – Visual Impairment”, please indicate the corresponding number in the box below your disability name box in the **INFORMATION TABLE** above.

If you do not find your disability in Part A. PHYSICAL ASSESSMENT: BENCHMARKS, proceed to and complete Part B: NON-BENCHMARKS and the SAILING ASSESSMENT. Please enter those numbers in the **INFORMATION TABLE** above.

BENCHMARKS – Physical

Examine the Benchmark disabilities below:

- 1 Quadriplegic, complete
Double (both sides) Through Shoulder Amputation.
- 2 Double Above Elbow Amputation (and most High Paraplegics above T4)
Single (one side) Above Elbow Amputation & Single Below Elbow Amputation
- 3 Single Above Knee Amputation & Single Above Elbow Amputation
Double below Elbow Amputation (and most Low Paraplegics)
- 4 Single Through Shoulder Amputation
Double Above Knee Amputation
Double Below Knee Amputation without prostheses
Single Above Knee and Single Below Knee Amputation without prostheses
- 5 Single Above Elbow Amputation
Single Above Knee Amputation & Single Below Knee Amputation, with prostheses.
- 6 Double below Knee Amputation, with prostheses
Single below Elbow Amputation
- 7 Single Above Knee Amputation Single Below Knee Amputation without prosthesis.

E.G. If you have amputations through both of your legs at the knees, and wear your prosthesis when you sail, enter a “6”.

If you find your exact disability in the benchmark list above, place that NUMBER here:

*(Please enter this number in the **INFORMATION TABLE** on Page 2 above)

*

You are now complete. You may now STOP, and submit form to Charlotte Harbor Yacht Club Race Management Committee.

BENCHMARKS –Visual Impairment Estimate

If you are visually impaired, the following estimates your disability. The determinations are based on the International Blind Sports Association ratings. For complete details and forms for your ophthalmologist, please see the WORLD SAILING DSC FCS 2013-2016 for International Event eligibility. Please note that the “best eye” is used for this determination.

The Criteria below are adequate for self-determination of your ESTIMATED Blind Class. You must have the current International Blind Sports Association (IBSA) Visual Assessment forms completed to secure a US Sailing or WORLD SAILING Disabled Sailing Committee certified Class and Status for eligibility at US Sailing and WORLD SAILING DSC sanctioned major events. Visually Impaired athletes not eligible to compete in CHYC Single Person Keelboat regattas as the required special equipment is not available.

Totally Blind

B1 -as defined by IBSA. The competitor cannot make use of any visual clues to assist in sailing. For example total absence of perception of light or some perception of the light but inability to recognize the form of a hand at any distance and in any direction. Visual acuity worse than 0.0050 in the best eye.

Partly Blind

B2 Visual acuity 0.0316 to 0.0050. in the best eye. OR Visual field 5 degrees or less in the best eye.

B3 Visual acuity 0.1000 to 0.0398 in best eye. OR Visual field less than 20 degrees and more than 5 degrees in the best eye.

Totally Blind – B1	Classification - 3	Single Person not recommended.
Partly Blind – B2	Classification - 5	Single Person SP3
Partly Blind – B3	Classification - 7	Single Person SP3

Place the NUMBER (from above – **3, 5, or 7**) here:

*

*(Please enter this number in the **INFORMATION TABLE** on Page 2 above)

The Visual Impairment Benchmarks listed on this page are informational only as Charlotte Harbor Yacht Club Race Management Committee does not have the course management assets required to offer blind sailing events.

B. NON - BENCHMARKS

If you did not find your diagnosis in the above “BENCHMARKS”, please describe your disability in the space below, and choose one of the numbered descriptions that follow. Injury or Illness Description:

Please select your estimated NUMBER (3,5,6, or 7 from below): *

*(Enter this number in the **INFORMATION TABLE** on Page 2 and continue to the Sailing Assessment Section on the next page)

- 3 If you are confined to a wheelchair due to a neurological type of injury or illness, please enter the number 3.
- 5 If you are able to walk normally, but have loss of motion or strength in your arm/hands, please enter the number 5.
- 6 If you are able to use your hands normally, but have loss of motion or strength in your legs, please enter the number 6.
- 7 If you have another type of functional impairment or physical limitation that is less than what is described above, please enter the number 7.

Please note that functional impairments due to pain, obesity, hearing loss and intellectual disability are not considered eligible for disabled sailing classification. Also, minimal physical impairment of the hands or feet, i.e. due to osteoarthritis, may not be significant enough to functionally impair a sailor, so care should be taken when assessing one's condition.

ONCE YOU HAVE FINISHED THE NON-BENCHMARK SECTION, PLEASE COMPLETE THE SAILING ASSESMENT SECTION ON THE NEXT PAGE AND ENTER THAT NUMBER IN THE INFORMATION TABLE ON PAGE 2.

ASSESSMENT of SAILING :

If you have a NON-BENCHMARK disability, you must also use the following simple sailing test to estimate your classification number. **Choose only one number for each question, and total the numbers at the end.** Please note that the following questions assume that you are on a keelboat (i.e. a Sonar). Also, please answer the questions as if you normally sailed in both helm and crew positions.

A. When helming a sailboat with a tiller...

- | | |
|--|---|
| Do you require assistive devices to helm (mechanical or electrical devices)? | 1 |
| Do you control the tiller only with your feet or teeth? | 2 |
| Do you let go of the tiller to transfer while changing sides in a tack? | 3 |
| Do you need one hand for support while tacking the boat? | 4 |
| Do you tack or gybe normally? | 5 |

B. When trimming the sails...

- | | |
|--|---|
| Do you require mechanical or electrical assistance to pull the sheets? | 1 |
| Do you pull the sheets with severe difficulty, and are unable to fully trim? | 2 |
| Do you pull the sheets with moderate difficulty? | 3 |
| Do you pull the sheets with slight difficulty? | 4 |
| Do you pull the sheets normally? | 5 |

C. When trimming the sails...

- | | |
|---|---|
| Do you require assistance to cleat/ uncleat the sheets? | 1 |
| Do you cleat/ uncleat the sheets with severe difficulty, and frequently miss? | 2 |
| Do you cleat/ uncleat the sheets with moderate difficulty? | 3 |
| Do you cleat/ uncleat the sheets with slight difficulty? | 4 |
| Do you cleat/ uncleat the sheets normally | 5 |

D. When changing sides of the boat during a tack...

- | | |
|---|---|
| Do you require a mechanical device to transfer from side to side? | 1 |
| Do you require a "transfer bench / board" to move side to side? | |
| If so do you move with severe difficulty? | 2 |
| Moderate difficulty? | 3 |
| Slight difficulty? | 4 |
| Do you change side to side normally? | 5 |

E. When you are hiking out....

- | | |
|---|---|
| Do you get up on the side deck? | 1 |
| Do you hike past the vertical sheer line? | 2 |
| Do you have to hold on with 2 hands so that you cannot trim the sheets? | 3 |
| Do you have some difficulty but can adjust the sheets while hiking? | 4 |
| Do you hike normally? | 5 |

Sailing Assessment Test Sum Total

SAILING ESTIMATE of ELIGIBILITY

If your **sail test sum total points** is 24 or less, then you may be eligible for disabled sailing events, and your **estimated** classification number is listed below in the chart. **(1-7)**

CLASSIFICATION	SAIL TEST
1	1 - 10
2	11 - 15
3	16 - 19
4	20 - 21
5	22
6	23
7	24

Enter Estimated Classification Sailing Eligibility Number (1-7) from list here

*

*(Please enter this number in the **INFORMATION TABLE** on Page 2)

You are now complete. You may now STOP, and submit form to the Charlotte Harbor Yacht Club Race Management Committee for review.

I affirm the information in this form is true and accurate on the date of submission.

Sailor's Signature: _____ Date: ____ / ____ / _____

Sailor's name (printed): _____

Address: _____

City: _____ State: _____ Zip Code: _____

P I A S Self-Assessment - Additional Information

This document should be attached to the Event Registration Form for any Charlotte Harbor Yacht Club disabled sailing regatta for a competitor claiming a Functional Impairment without a current World Sailing or US Sailing Classification posted on the respective Master Lists.

Your self-assessment Class determination may not match the Class you are assigned by a US Sailing Classification Panel and self-assessment does not guarantee "Eligibility to Compete" at a US Disabled Sailing sanctioned event.

A Classification Panel may not be provided at a CHYC Disabled Sailing Event. However, if a full Classification Panel is not available, the US Sailing Classification Committee has authorized all US Sailing National Classifiers to do a brief Functional Assessment and assign Class "Minimally Disabled" and Status "Provisional" for competitors with Functional Impairments who are not listed on the US Disabled Sailing and/or the World Sailing Disabled Sailing Committee Master Lists.

Plan ahead for your classification at your "First Appearance" at an event where a US Disabled Sailing Classification Panel or International Classification Panel will determine your official Class and Status.

No Payment Required for Submission of this Form to CHYC:

No payment is required for submission of this Classification Self-Assessment Form. Depending on the event, CHYC may require Official US Sailing Classification for "Eligibility to Compete." Check the CHYC event Notice of Race (NOR) to determine if a current US Disabled Sailing Class and Status is required and if Classification will be available at the event.

US Disabled Sailing Class and Status are required at the US Disabled Sailing Championships. There is no fee for Classification by a US Sailing Classifier Panel or a World Sailing DSC International Classification Panel. **Completion of this form does not guarantee "Eligibility to Compete" in the US Disabled Championships.**

If you are still uncertain of your eligibility for disabled sailing, it is recommended that you undergo classification by a Panel of International or US Sailing Certified Classifiers, including the Functional Assessment, Functional Dock Test, and Functional Sail Test, at the next major disabled sailing regatta where Classification is offered. A schedule of Disabled Sailing Events may be reviewed on the US Sailing web site on the "Events Hosting Classification" page. You may review the entire US Sailing Functional Classification System and Procedures Manual on line at:

<http://www.ussailing.org/wp-content/uploads/DARoot/Race%20Admin/Classifiers/Documents/US%20FCS%20Manual%20Ver%206.pdf>