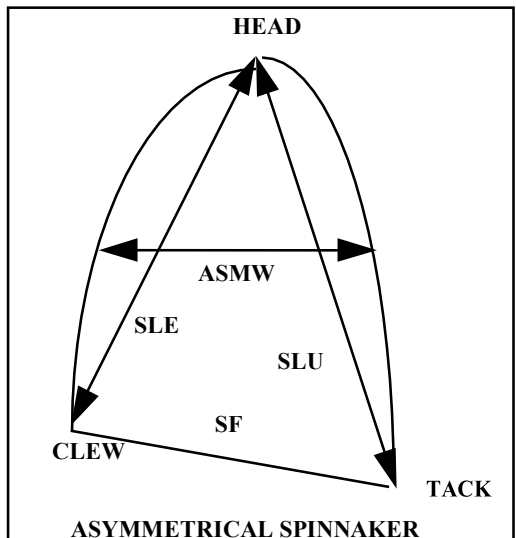


## MAST and RIG MEASUREMENT

- J** The horizontal distance from the foreside of the mast at the deck to the forestay where it meets the deck. If the mast is movable at the deck, the measurement shall be made with the mast in the aftermost position.
- I** The vertical distance from the top of the jib sheave to the shear line abeam of the mast.
- P** The distance from the top edge of the boom to the lower edge of the measurement band. If the boom is movable at the mast, the measurement shall be made with the boom in its lowest position.
- E** The distance from the aft edge of the mast to the inner edge of the measurement band.
- POLE** Length of Spinnaker Pole.
- SPL** If there is no bowsprit SPL = Pole. The horizontal distance from the foreside of the mast at the deck to the tack point on the forward end of the bowsprit pole with the pole extended to its fullest length. For fixed bowsprit the distance is to the tack point of the sail.

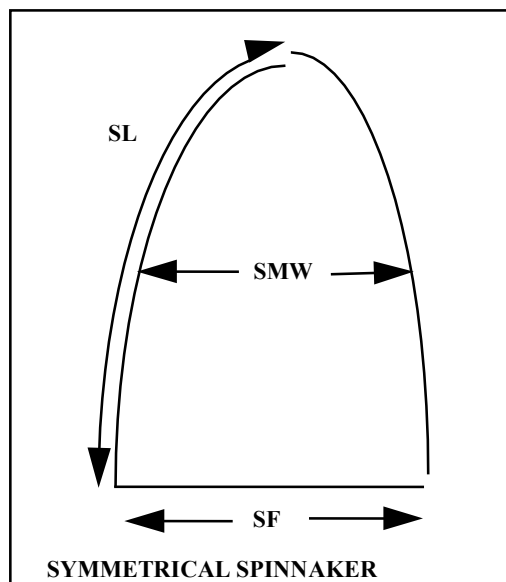


- ISP** Whether or not there is a bowsprit, the vertical distance from the top of the spinnaker sheave to the shear line abeam of the mast.
- LP** The perpendicular distance from the luff to the clew of the headsail. (Not shown)

## ASYMMETRICAL SPINNAKER MEASUREMENT

- SLE** The greatest length of the sail's leech measured along the edge of the sail.
- SLU** The greatest length of the sail's luff measured along the edge of the sail.
- ASMW** The distance across the body of the sail measured between the midpoints of the luffs.
- SF** The distance from the tack to the clew measured in the shortest path on the surface of the sail.

## SYMMETRICAL SPINNAKER MEASUREMENT



- SL** The greatest length of the sail's luff measured along the edge of the sail.
- SMW** The distance across the body of the sail measured between the midpoints of the luffs.
- SF** The distance from the tack to the clew measured in the shortest path on the surface of the sail.

### Notes for calculations:

- **I is used as ISP if ISP has not been provided.**
- **Pole is used for SPL if not provided.**
- **J is used for SPL if Pole and SPL is not provided.**

All boats requesting rating certificates must have a U S Sailing Sail Number. The PHRF SD Board has decided that all boats currently holding a 2017 certificate may continue to use the sail number currently listed on their certificate. However, new boats must comply with the requirement to have a U S Sailing Sail Number. PHRF SD has decided that One Design boats do not require a U S Sailing Sail Number as long as they are one of the boats listed in the PHRF SD One Design list (see below). If a certificate is allowed to lapse for one year than when reapplying for a certificate a U S Sailing Sail Number will be required to obtain a certificate. If there is an ownership change then a US Sailing Sail Number will be required to obtain a certificate. In the event a new boat requests a certificate and it has the same sail number as a boat having a current certificate the boat between these two boats not having a U S Sailing Sail Number must get one to have a certificate.

**One Design List:** Etchells, Finn, Laser, Lighting, Soling, Sunfish, Victory, Lido 14, MC Scow, Snipes, Sabots, Thistles, J105, J120, J70, FT10, FT7.5, Beneteau 36.7, Beneteau 40.7, Capri 22, Melges 24, Melges 32, Ultimate 20, International 14, Viper 640, F18, PC, and J24

### How to Get a U S Sailing Sail Number

US SAILING sail numbers are issued in Area 'J' to boats owned by resident members in good standing of yacht clubs affiliated with the Southern California Yachting Association. To access the form please click here.



**PHRF San Diego**  
 PO Box 6748  
 San Diego, CA 92166  
 roster.secretary@phrfsandiego.org

**APPLICATION FOR MEMBERSHIP**

NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY: \_\_\_\_\_  
 STATE \_\_\_\_\_ ZIP: \_\_\_\_\_  
 DAY TEL#: \_\_\_\_\_  
 ALT TEL#: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 MEMBER OF \_\_\_\_\_ YACHT CLUB  
*(SCYA-affiliated Yacht Club membership is required)*  
 ANNUAL DUES OF \$45 MUST BE INCLUDED  
*(Make check payable to PHRF San Diego)*

Note: If your boat is a standard production model, please include the measurement information provided by the boat builder/manufacturer or designer.

If your boat is a custom design or has been modified from a production model, please include the manufacturer or designer's information along with pictures/line drawings of the under body and rig and a list of the modifications.

**APPLICATION FOR RATING CERTIFICATE**

BOAT TYPE: \_\_\_\_\_ MODEL: \_\_\_\_\_  
 BOAT NAME: \_\_\_\_\_  
 STANDARD PRODUCTION MODEL: \_\_\_\_\_  
 US Sail #: \_\_\_\_\_ \* SEE NOTE ON PAGE 1  
 BOAT LOCATION: \_\_\_\_\_  
 MANUFACTURER: \_\_\_\_\_  
 YEAR BUILT: \_\_\_\_\_ HULL#: \_\_\_\_\_  
 STATE DIMENSIONS IN FEET (INCHES IN DECIMAL)  
 LOA: \_\_\_\_\_ LWL: \_\_\_\_\_  
 BEAM: \_\_\_\_\_ DRAFT: \_\_\_\_\_  
 BALLAST: \_\_\_\_\_ lbs DISPLACEMENT: \_\_\_\_\_ lbs

Removable Internal Ballast (lbs): \_\_\_\_\_

Included in Displacement: \_\_\_\_\_

Transferable Internal Ballast (lbs): \_\_\_\_\_

Included in Displacement: \_\_\_\_\_

COMPLETE AS APPROPRIATE (all that apply):

HULL MATERIAL: \_\_\_\_\_

KEEL: \_\_\_\_\_

KEEL MATERIAL \_\_\_\_\_

MOTOR: \_\_\_\_\_ FACTORY INSTALLED: \_\_\_\_\_

PROP TYPE: \_\_\_\_\_ #BLADES \_\_\_\_\_

RIG: \_\_\_\_\_ RIG SIZE: \_\_\_\_\_

TYPE: \_\_\_\_\_ MATERIAL: \_\_\_\_\_

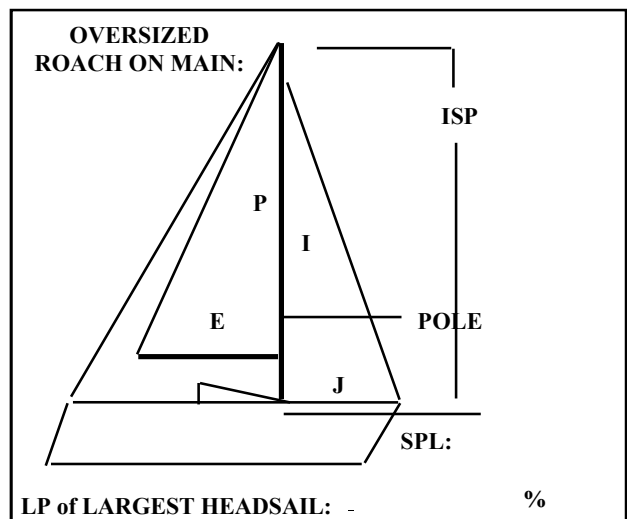
PULPITS: BOW \_\_\_\_\_ STERN: \_\_\_\_\_

STANDING RIGGING: \_\_\_\_\_ LIFELINES: \_\_\_\_\_

HYDRAULICS: \_\_\_\_\_ RUNNING BACKSTAY: \_\_\_\_\_

SPREADER SETS NUMBER: \_\_\_\_\_ SHORTENED: \_\_\_\_\_

**MAST and RIG DIMENSIONS IN FEET (DECIMAL)**



SYMMETRICAL SPINNAKER:

SL: \_\_\_\_\_ SMW: \_\_\_\_\_ SF: \_\_\_\_\_

ASYMMETRICAL SPINNAKER:

SLU: \_\_\_\_\_ SLE: \_\_\_\_\_ ASMW: \_\_\_\_\_ SF: \_\_\_\_\_

LIST ANY MODIFICATIONS: \_\_\_\_\_

I hereby certify the above information is correct and represents the current configuration of my boat. I agree to the CLASS RULES and will report modifications in writing.

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_