SAN FRANCISCO BAY AREA MULTIHULL ASSOCIATION RATING DATASHEET

Name:			
Boat Name:			
Sail Number:			
Boat Storage Location:			
BOAT INFORMATION			
Boat Model:		Rotating Mast:	
Year Built:		Mast Circumference MC:	
Boat Manufacturer:		Daggerboard/Centerboard:	
Boat Weight (WM):		Fixed Keel:	
Crew Weight (WCD):		Foils:	
Crew Number:			
Hull Length (LOA):		Inboard Engine(HPx Type):	
Hull Length Ama (LOAA):		Outboard Engine (HPxType):	
FWD. Overhang (FOC):		Number of Propellers:	
Aft Overhang (AOC):		Autohelm:	
Beam Overall (BOA):		Powered Winch:	

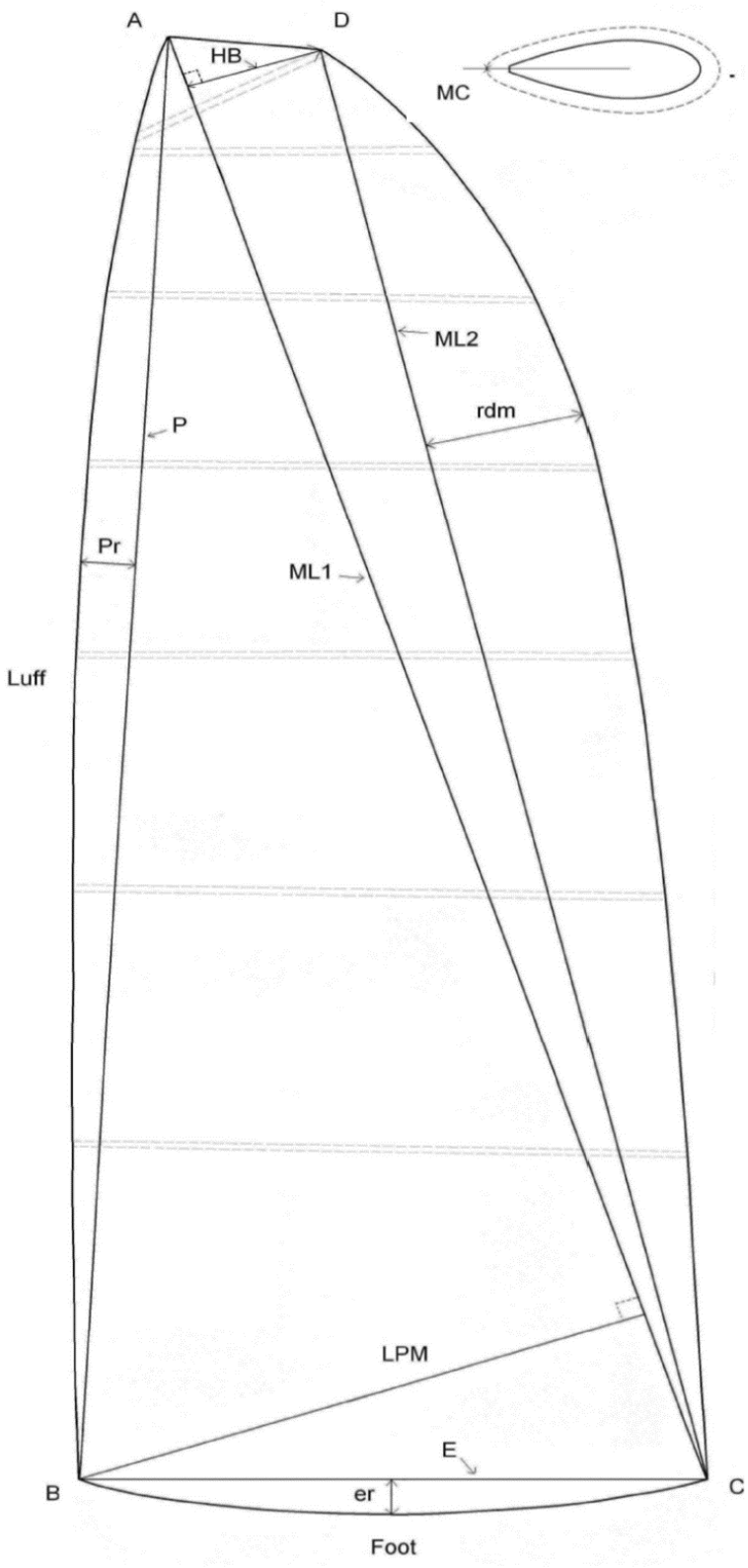
MAINSAIL MEASUREMENTS									
ML1	**ML2**	**LPM**	**HB**	**RDM**	**P**	**Pr**	**E**	**eR**	**Tb**

HEADSAIL MEASUREMENTS									
	LL	**LPG**	**FG**	**frg + or -**	**LG1**	**LG2**	**lrg + o r-**	**HG**	**llrg + or -**
Genoa: (Largest)									

SPINNAKER MEASUREMENTS				
	SF	**SL1**	**SL2**	**SMG**
Spin 1				
Spin 2				
Spin 3				
Screacher				
Screacher 2				

Preferred measurement units are meters.

MAINSAIL MEASUREMENT

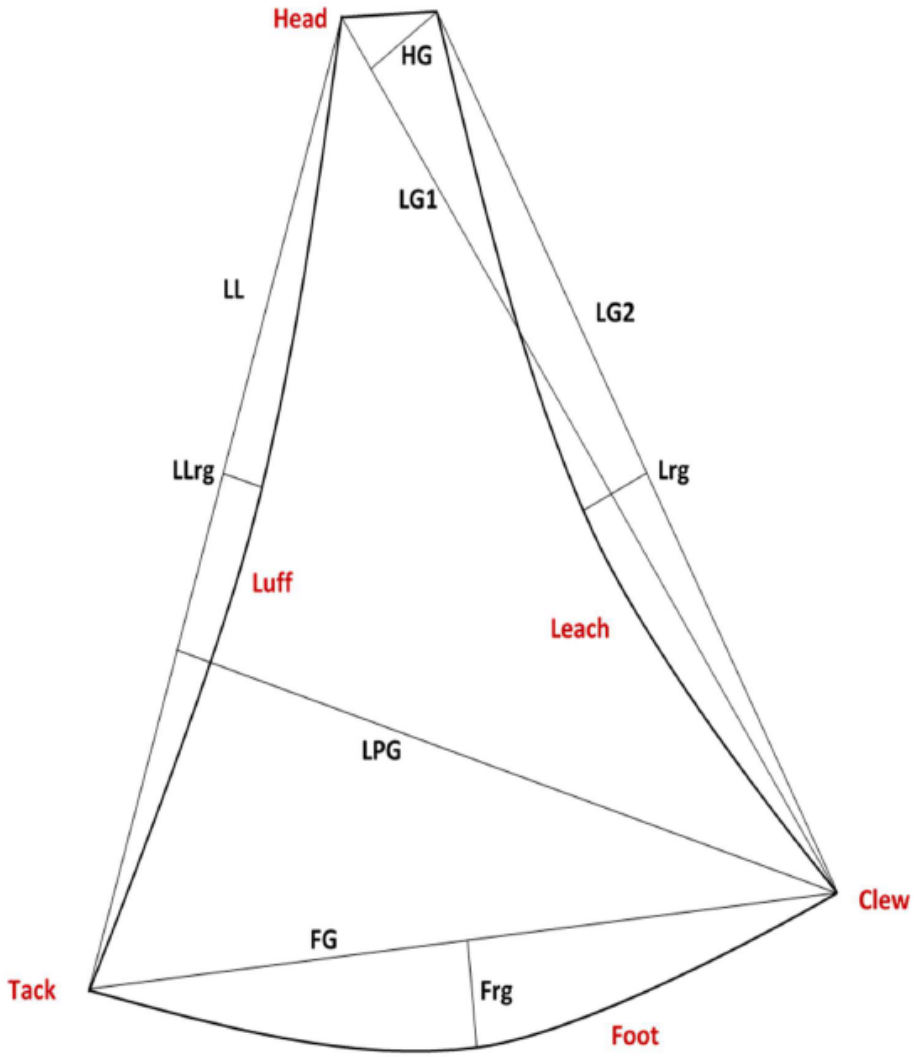


P	The length of the luff from tack to head AB.
Pr	The depth of the chord, or round of the luff to the vertical P.
E	The length of the foot from tack to clew BC.
Er	The depth of the chord or round of the foot to the horizontal E.
ML1	The distance from the head of the mainsail at the luff, to the clew of the mainsail AC.
ML2	The distance from the outer, or leech end of HB to the clew DC.
HB	The width of the head of the sail at the headboard or square head or parabolic head of the sail measured from ML1 and perpendicular to ML1 to the leech of the sail.
RDM	The roach depth of the main measured perpendicular to ML2.
LPM	The perpendicular measured from line ML1 to the tack.
MC	The circumference of a mast at the boom connection in cases where the mast rotates.

Main sails should be measured laid out flat, with batten

JIB AND GENOA MEASUREMENT

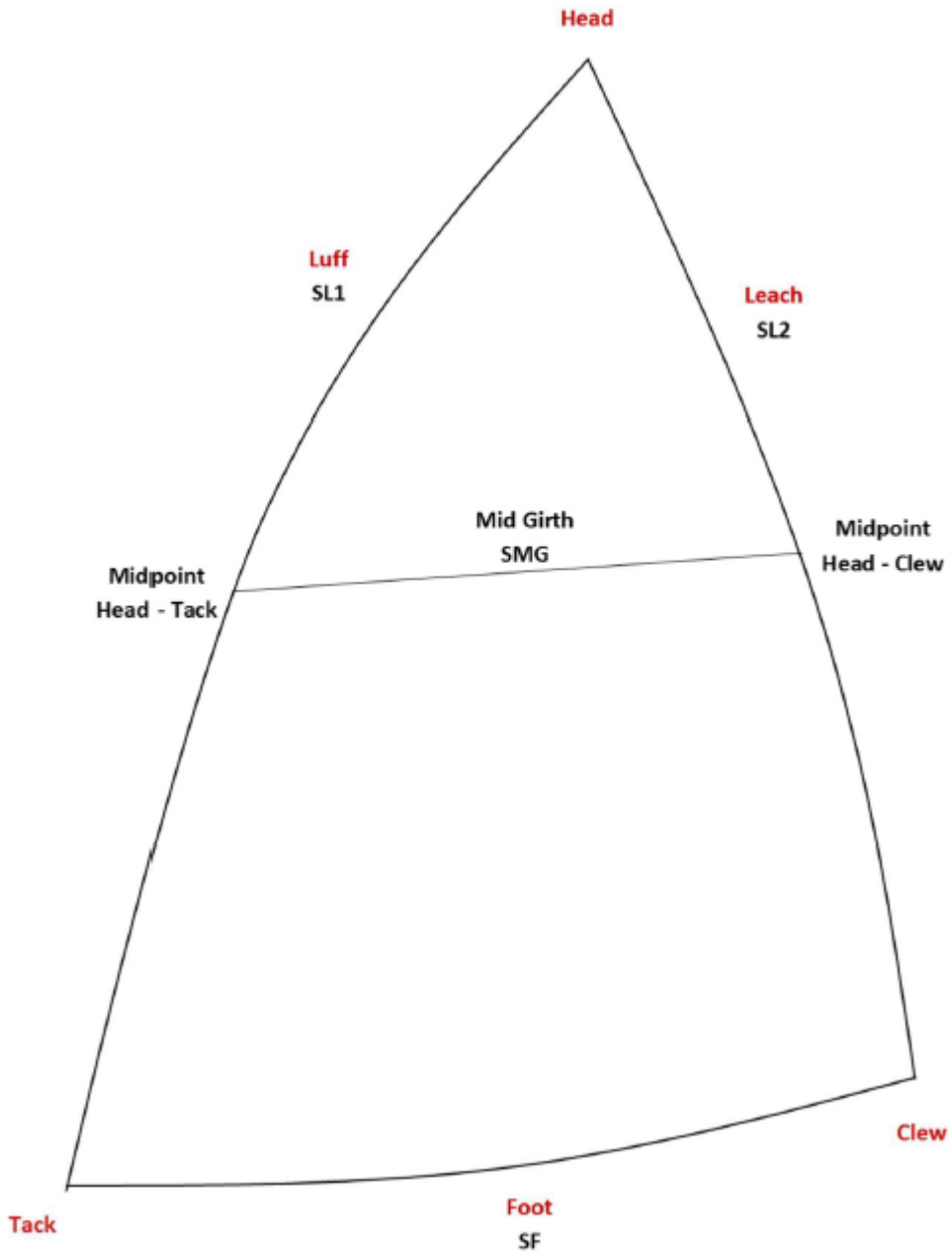
LL	The luff length of the genoa
LLrg	The luff round (+) or hollow (-) of the genoa measured from LL.
FG	The foot of the genoa.
Frg	The foot round (+) or hollow (-) of the genoa measured from FG.
LG1	The distance from the head to the clew of the genoa.
LG2	The distance from the widest point of a quadrilateral genoa other than the head to the clew.
HG	The perpendicular distance from the widest point of a quadrilateral other than the clew to LG1.
Lrg	The leech round (+) or hollow (-) of the genoa measured from LG2.
LPG	The luff perpendicular of the genoa measured from LL to the clew.



SPINNAKER MEASUREMENT

SL1	The longest luff of a spinnaker, whether it be symmetrical or not, from tack to head along the edge.
SL2	The length of the second luff or leech of the spinnaker measured along the edge.
SF	The length of the foot of the spinnaker measured along the edge.
SMG	The mid girth of the spinnaker measured between the midpoint of SL1 and SL2.

SL1, SL2 and SF should be measured by stretching the sail tight from corner to corner. If “round” is still present when the sail is tight then the correct measurement is around the sail edge.



ABBREVIATIONS GLOSSARY

GENERAL		MAINSAIL	
AOC	*Aft overhang component*	*P*	*Length of the luff from tack to head AB.*
BOA	*Beam overall*	*Pr*	*Depth of the chord, or round of the luff to the vertical P*
CWA	*Crew Weight Allowance*	*E*	*Length of the foot from tack to clew BC.*
FOC	*Forward overhang component*	*Er*	*Depth of the chord or round of the foot to the horizontal E*
LF	*Factor applied to Rated Length*	*ML1*	*Distance from the head at the luff, to the clew*
LOA	*Length overall, hull*	*ML2*	*Distance from leech end of HB to the clew*
LOAA	*Length of ama if longer than the main hull*	*HB*	*Width of the head measured from ML1 and perpendicular to ML1 to the leech of the sail*
NC	*Number of Crew*	*RDM*	*Roach depth of the main measured perpendicular to ML2*
RL	*Rated length*	*LPM*	*Perpendicular line measured from ML1 to the tack.*
RSA	*Total rated sail area*	*MC*	*Circumference of mast at boom connection (rotating)*
RSAD	*Rated sail area drifter*	**JIB/GENOA**	
RSAG	*Rated sail area genoa*	*LL*	*Luff length of the genoa.*
RSAM	*Rated sail area mainsail*	*LLrg*	*Luff round (+) or hollow (-) measured from LL*
RSAST	*Rated sail area staysail*	*FG*	*Foot of the genoa.*
RSASc	*Rated sail area screecher*	*Frg*	*Foot round (+) or hollow (-) measured from FG*
RSASp	*Rated sail area spinnaker*	*LG1*	*Distance from the head to the clew of the genoa.*
RW	*Rated Weight*	*LG2*	*Distance from the widest point other than the head to clew*
TCW	*Total Crew Weight*	*HG*	*Perpendicular distance from the widest head point to LG1*
WCD	*Declared total weight of crew*	*Lrg*	*Leech round (+) or hollow (-) measured from LG2*
WM	*Measured Weight of vessel w/ equipment*	*LPG*	*Luff perpendicular measured from LL to the clew*
SPINNAKER/SCREECHER			
SL1	*Longest luff from tack to head along edge*	*SL2*	*Length of the second luff or leech measured along edge*
SF	*Length of the foot measured along edge*	*SMG*	*Mid girth measured between the midpoint of SL1 and SL2*