

2023 IMS MEASUREMENT FORM (1/3)



DATE: _____

YACHT	HULL	CERTIFICATE	OWNER
Yacht Name <input type="text"/>	yes no <input type="checkbox"/> Carbon Rudder	Measurer <input type="text"/>	Name <input type="text"/>
Sail Number <input type="text"/>	yes no <input type="checkbox"/> Trim Tab	Measurement Date <input type="text"/>	
Class <input type="text"/>	yes no <input type="checkbox"/> Light Stanchions	Data in <input type="text"/> Metric Imperial	Address <input type="text"/>
Designer <input type="text"/>	Plan Review <input type="text"/>	Certificate Type <input type="text"/> International Club SY	
Builder <input type="text"/>	LOA <input type="text"/>	CREW	Telephone <input type="text"/>
Age Date <input type="text"/>	IMS Division <input type="text"/> Performance Cruiser/Racer		Weight <input type="text"/>
Series Date <input type="text"/>	Hull Construction <input type="text"/> light cored solid carbon	Non-Manual Power <input type="text"/> no rig sheets yes	Comment <input type="text"/>
CIN <input type="text"/>			

PROPELLER				FLYING HEADSAIL FORETRIANGLES		
Type <input type="text"/> folding feathering solid no propeller	No of Blades <input type="text"/>	Installation <input type="text"/> shaft exposed strut in aperture shaft non-exposed		Id	TPS	ISP
PRD <input type="text"/>	yes no <input type="checkbox"/> Twin Screw Prop. Installation					
PBW <input type="text"/>			ESL/EDL <input type="text"/>			
PSA <input type="text"/>	PHL <input type="text"/>	ST3 <input type="text"/>	APH <input type="text"/>			
PSD <input type="text"/>	ST1 <input type="text"/>	ST4 <input type="text"/>	APT <input type="text"/>			
PHD <input type="text"/>	ST2 <input type="text"/>	ST5 <input type="text"/>	APB <input type="text"/>			

RIG MEASUREMENTS						
P <input type="text"/>	E <input type="text"/>	MDT1 <input type="text"/>	BAS <input type="text"/>	J <input type="text"/>	SFJ <input type="text"/>	
IG <input type="text"/>	BD <input type="text"/>	MDL1 <input type="text"/>	GO <input type="text"/>	TPS <input type="text"/>		
ISP <input type="text"/>	MWT <input type="text"/>	MDT2 <input type="text"/>	MW <input type="text"/>	SPL <input type="text"/>		
ISP (alt.) <input type="text"/>	MCG <input type="text"/>	MDL2 <input type="text"/>	TL <input type="text"/> tapered not tapered	WPL <input type="text"/>	FSD <input type="text"/> headfoil no headfoil	

RIG DETAILS					
Inner Stay <input type="text"/> adjustable fixed non fitted	Spreaders <input type="text"/>	Headsail Furler <input type="text"/> yes no	Carbon Mast <input type="text"/> yes no		
Forestay Tension <input type="text"/> aft forward aft & forward fixed	Runners/Checkstays <input type="text"/>	Mainsail Furler <input type="text"/> yes no	Fiber Rigging <input type="text"/> yes no		
No Backstay <input type="text"/> yes no	Rotating Mast <input type="text"/> yes no	Articulated Bowsprit <input type="text"/> yes no	Non-Circular Rigging <input type="text"/> yes no		

MIZZEN RIG					
PY <input type="text"/>	EY <input type="text"/>	MDT1Y <input type="text"/>	MDT2Y <input type="text"/>	BASY <input type="text"/>	EB <input type="text"/>
IY <input type="text"/>	BDY <input type="text"/>	MDL1Y <input type="text"/>	MDL2Y <input type="text"/>	TLY <input type="text"/>	

2023 IMS MEASUREMENT FORM (2/3)



YACHT NAME:

SAIL No:

DATE:

FREEBOARDS

FFP		FFS
	FFM	
FAP	FAM	FAS
SG		

Flotation Date

(or) Club Displaceme

INCLINING TEST

Inclining Method	poles boom	LCFD	<input type="text"/>
W1	<input type="text"/>	PD1	<input type="text"/>
W2	<input type="text"/>	PD2	<input type="text"/>
W3	<input type="text"/>	PD3	<input type="text"/>
W4	<input type="text"/>	PD4	<input type="text"/>
		WD	<input type="text"/>
		GSA	<input type="text"/>
		RSA	<input type="text"/>
		PLM	<input type="text"/>

MEASUREMENT INVENTORY

Ballast

Id	Fixed/Movable	Weight	LCG	VCG	TCG	Description

Liquid Tanks (Deductible)

Id	Water/Fuel	Capacity	Condition	LCG	VCG	Description

Other Items

Id	Weight	LCG	VCG	Kind (Battery, Engine, Miscellaneous) / Description

MOVABLE BALLAST

Canting Keel

Keel Angle

List Angle

Water Ballast Tanks

Id	Volume	Distance	VCG	TCG	Description

2023 IMS MEASUREMENT FORM (3/3)



YACHT NAME: _____

SAIL No: _____

DATE: _____

yes | no Woven Polyester Sails

yes | no Asymmetric tacked on CL only

MAINSAIL or MIZZEN(Y) **Area = (P/8) · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)**

Sail Id	Acti ve	MHB(Y)	MUW(Y)	MTW(Y)	MHW(Y)	MQW(Y)	MSW(Y)	Area	Measurer	Meas.Date	Manufacturer	Material	Comment

HEADSAIL **Area = 0.1125·HLU · (1.44444·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)**

Sail Id	Acti ve	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Battens	FT Id	Measurer	Manufacturer	Comment
									Flying	Area	Meas.Date	Material	

SPINNAKER **Area = (SLU + SLE) / 2 · (SFL + 4·SHW) / 6**

Sail Id	Acti ve	SLU	SLE	SL	SHW	SFL	Kind S/A	Area	Measurer	Meas.Date	Manufacturer	Material	Comment

MIZZEN STAYSAIL **Area = YSHF · (0.5·YSHW + 0.25·YSFL)**

Sail Id	Acti ve	YSHF	YSHW	YSFL	Area	Measurer	Meas.Date	Manufacturer	Material	Comment