

Characteristics	
Hull Length :	16.09 m
Waterline Length :	15.50 m
Beam :	4.99 m
Waterline Beam :	4.13 m
Draft :	2.45 m
Keel COG (Vertical) :	-1.915 m
Keel Weight (L shape Cast Iron):	4 900 Kg
MOC Displacement :	19 100 Kg
MLDC Displacement :	25 200 Kg
I	20.78 m
J	6.65 m
P	20.90 m
E	6.65 m
LP	(116%) 7.70 m

Expected stability		As-built stability	
		567 Kg.m	RMC 1° X Kg.m
RM 25°	MINIMUM	12 150 Kg.m	RM 25° X Kg.m
RM 30°	SAILING	13 450 Kg.m	RM 30° X Kg.m
	CONDITION		
RM max		15 870 Kg.m	RM max X Kg.m
RMC 1°		X Kg.m	RMC 1° X Kg.m
RM 25°		X Kg.m	RM 25° X Kg.m
RM 30°	RACING	X Kg.m	RM 30° X Kg.m
	12 CREW MEMBERS		
RM max		X Kg.m	RM max X Kg.m
RMC 1°		697 Kg.m	RMC 1° 699 Kg.m
RM 25°	MAXIMUM	14.900 Kg.m	RM 25° 14 988 Kg.m
	LOADING		
RM 30°	CONDITION	16 560 Kg.m	RM 30° 16 675 Kg.m
RM max		18 870 Kg.m	RM max 19 293 Kg.m

RACING: = MINIMUM SAILING COND. PLUS EXTRA CREW MEMBERS ON TOE RAIL

IMPORTANT NOTE : GIVEN RIGHTING MOMENTS ARE TARGET RMS FOR CLASSIC REEF ALUMINIUM SPARS AND DYNFORM STANDING. ESTIMATED WEIGHT FOR COMPLETE RIG USED FOR RM CALCULATION IS : 530 Kg @ +10430 mm ABOVE DECK. NO BOOM, VANG NOR SAILS FOR ANY OTHER ACHIEVED CONSTRUCTION WEIGHT. NEW RMS ARE TO BE EXTRAPOLATED FROM RIG MASS VARIATION.

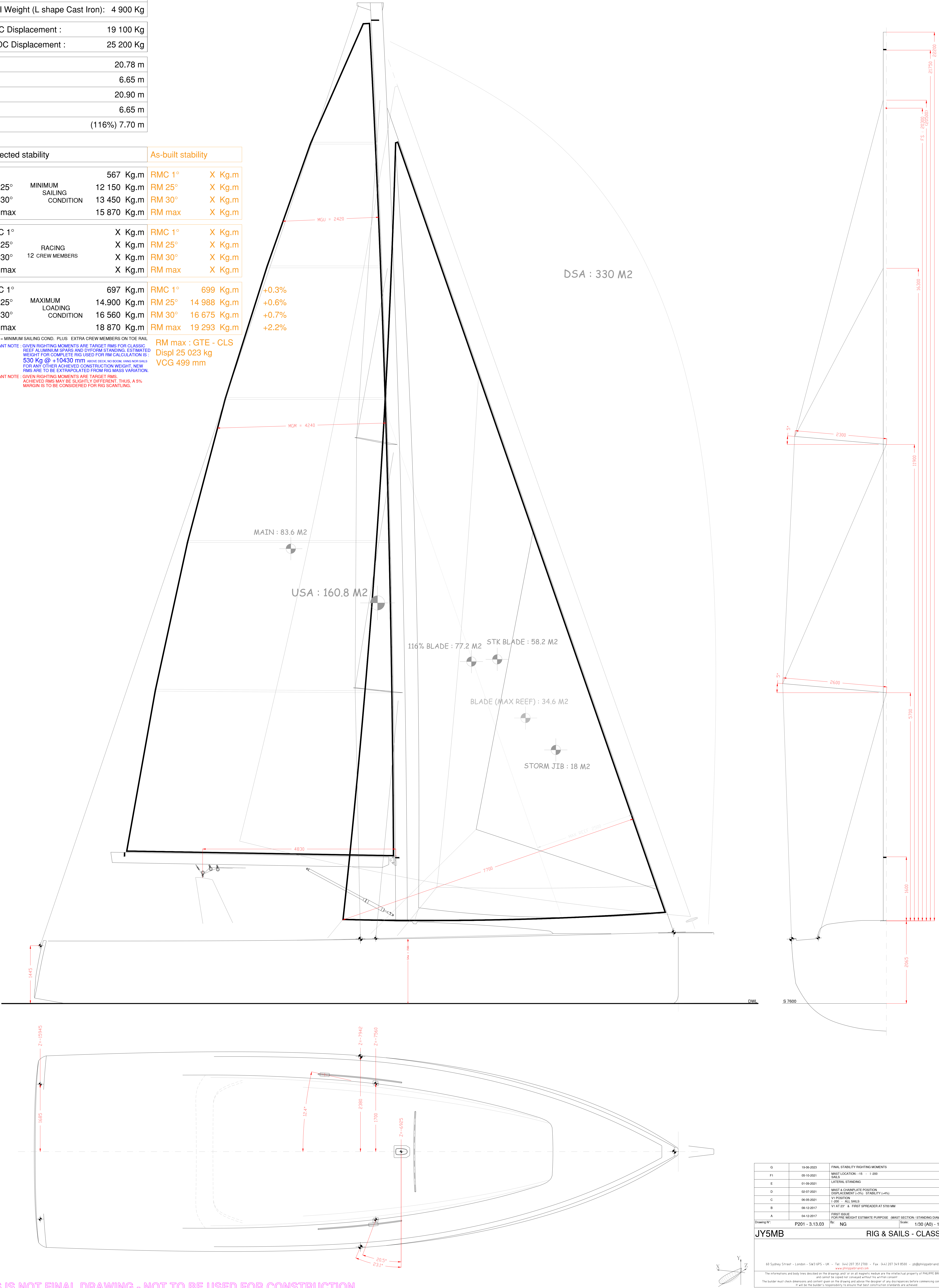
IMPORTANT NOTE : GIVEN RIGHTING MOMENTS ARE TARGET RMS. ACHIEVED RMS MAY BE SLIGHTLY DIFFERENT. THUS, A 5% MARGIN IS TO BE CONSIDERED FOR RIG SCANTLING.

RM max : GTE - CLS
Displ 25 023 kg
VCG 499 mm

+0.3%
+0.6%
+0.7%
+2.2%

SAIL	Main	Blade	STK Blade	Staysail	Storm Jib	Code 0	Code 5 Spi	Asym. Spi
Luff	20.83 M	20.40 M	20.4 M	TBA	9.50 M	22.00 M	23.00 M	24.00 M
Leech	21.55 M	19.50 M	19.15 M	TBA	7.60 M	19.30 M	19.00 M	20.00 M
Foot	6.70 M	8.09 M	6.18 M	TBA	4.80 M	11.30 M	13.00 M	13.80 M
MGU / LP	2.42 M	7.70 M	5.80 M	TBA	3.80 M	10.00 M		
MGM / SMW	4.24 M						11.00 M	13.30 M
Area	83.6 M2	77.2 M2	58.2 M2	TBA	18 M2	110 M2	190 M2	250 M2

IMPORTANT NOTE : ALL DIMENSIONS TO BE CHECKED BY SAIL MAKER



THIS IS NOT FINAL DRAWING - NOT TO BE USED FOR CONSTRUCTION

G	19-06-2023	FINAL STABILITY RIGHTING MOMENTS
F1	05-10-2021	MAST LOCATION : 15 - 1-200
E	01-09-2021	SAILS
D	02-07-2021	LATERAL STANDING
C	02-07-2021	MAST & CHAINPLATE POSITION
C	06-05-2021	DISPLACEMENT (t/tn), STABILITY (+%)
B	08-12-2017	V1 POSITION
A	04-12-2017	V1 AT 23° & FIRST SPREADER AT 5700 MM
Drawing N°:		FOR PFE WEIGHT ESTIMATE PURPOSE (MAST SECTION / STANDING DIAMETER)
P201 - 3.13.03		Scale: 1/30 (A0) - 1/50 (A1)
JY5MB		Rv: NG
		JY5MB RIG & SAILS - CLASSIQUE
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