

ORC SUPERYACHT CERTIFICATE SAMPLES



Certificate
 Number **sy999**
 Issued On **25/01/2018**
 ORC Ref **SY00024615**
 VPP Ver. **2018 SY1.00**
 Valid until **31/12/2018**

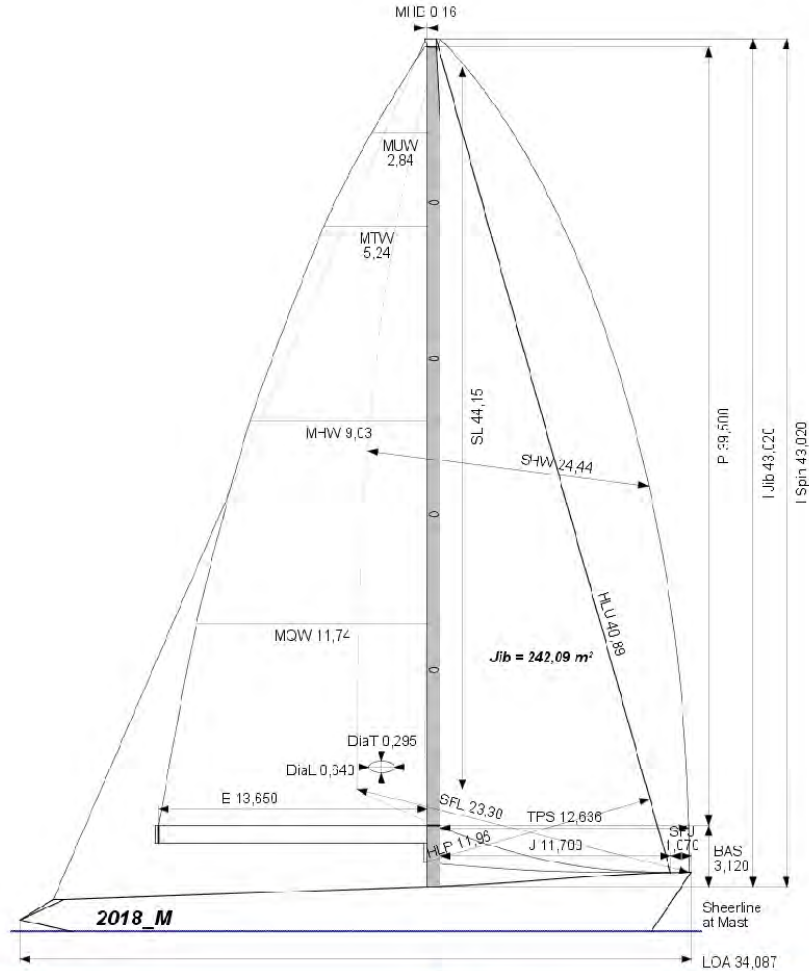
Superstructures
 Area reference is 600mm over deck
 Area Front **2,07**
 Area Side **3,15**
 Dome frontal areas (m²)
0.36,0.36,0.12,0.10

Powered Winches
 Halyard Power (KW) **10,0**
 Halyard Speed (m/min) **100,0**
 Sheet Power (KW) **20,0**
 Sheet Speed (m/min) **120,0**

Propeller (measured)
 Shaft exposed
 Feathering **3 blades**
 PRD **0,900**
 PIPA **0,0670**

Sails

Spinnaker Pole	No
Furled sails Upwind	0
Main Furler in Mast	No
Main Furler in Boom	Yes
Multiple Headsails	No
Headsail Count	2
Headsail Flying Count	0
Spinnaker Count	4
Total Area Upwind	567,82
Total Area Downwind	1216,53



BOAT	
Name	2018_M
Sail Nr	
GENERAL	
Class	
Designer	DESIGNER
Builder	BUILDER
Series	01/9999
Age Date	01/9999
OPF	0,0%

HULL	
Data File	SY2018_M
Offset File	SY999.off
LOA	34,087m
MB	7,810m
Dynamic All.	1,462%
Construction	Core d
Trim Tab	No
Skeg	No
Carbon Rudder	Yes
Aramid Core	No
MCA Certified	No
Bow Thruster D.	
CDL	22,493
IMSL	29,807m

Lightship Trim			
Displacement	124.952kg	VCGD	0,044m
Draft	5,855m	VCGM	-0,065m
RM at 1°	5374,4kg·m		

Sailing Trim			
Displacement	135.483kg	VCGD	0,120m
Draft	5,928m	VCGM	0,011m
RM at 1°	5553,5kg·m		

RIG DETAILS	
Rig Type	Sloop
Carbon Mast	Yes
Lenticular Rigging	No
Fiber Rigging	Yes

CENTERBOARD			
ECM	1,900	CBDA	1,900
CBRC	1,602	KCDA	2,536
WCBB	1,602	WCBA	1000,0
CBDB	1,602	CBBC	1,602
CBTC	1,602	Centerboard down when sailing downwind No	

SCORING OPTIONS								
FLAT SEA				ROUGH SEA				
Light	Light-Moderate	Moderate-Strong	Strong	Light	Light-Moderate	Moderate-Strong	Strong	
TWS <= 8	8 < TWS <= 13	13 < TWS <= 17	TWS > 17	TWS <= 8	8 < TWS <= 13	13 < TWS <= 17	TWS > 17	
Time Multiplying Factor TMF (TOT)	0,9546	1,2550	1,4671	1,5731	0,9356	1,2386	1,4544	1,5611
Time allowances (TOD) sec/mi	523,8	398,4	340,8	317,9	534,4	403,7	343,8	320,3

HEADSAILS

Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)

HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Fly	Furler*	Meas.Date	Comment
0,10	2,92	6,20	12,33	18,45	24,48	53,61	658,62	Yes	Yes		
0,15	2,43	4,51	8,53	12,57	16,54	50,53	428,45	No	Yes		
0,15	1,97	3,52	7,31	11,48	15,81	50,37	383,92	No	Yes		

Tacking Unfurling Staysail **No**

* "TA" denotes "Headsail eligible for allowance because it must be furled more than 50% when tacking"

SAILS (Maximum Areas)

Area = P/B · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)

	MHB	MUW	MTW	MHW	MQW	Area
Mainsail	0,131	3,67	6,20	9,68	12,08	432,73
Mizzen	0,08	2,30	4,51	8,03	9,51	246,42
Spinnaker	SLU	SLE	SL	SHW	SFL	Area
Symmetric						0,00
Asymmetric	55,10	53,54	54,32	29,96	32,90	1382,81
Mizzen Staysail	YSD	SHW	SFL	Area		
with Spinnaker	33,08	10,12	18,30	318,73		
with Headsail				0,00		

UNCONVENTIONAL SAILS

Id Use Area Description

COMMENTS

SPINNAKERS

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

Kind	SLU	SLE	SHW	SFL	Area	Meas.Date	Comment
asym	55,10	53,54	29,96	32,90	1382,81		
asym	55,90	52,40	29,95	32,80	1377,21		
asym	55,05	49,68	25,88	31,26	1176,29		

INCLINING TEST AND FREEBOARDS

Inclining test not performed

SFFP	1,239
SAFP	35,665
LCF from stem on CL / on sheer	22,168 / 22,594

TANKS

Id	Use	Volume	LCG	VCG	Sp.Wht	Level Sailing	Description
A	WATER	5.630	16,10	-0,94	1,0000	0,900	2 x 2815
B	FUEL	659	20,95	-0,84	0,8350	0,900	DAY TANK
C	FUEL	7.790	30,48	-0,85	0,8350	0,500	2 x 3895
D	FUEL	14.448	19,29	-1,05	0,8350	0,300	2 x 7224

INVENTORY

Id	Weight	Sailing	LCG	VCG	Gyr.Adj.	Description
A	1.940		4,50		Y	ANCHOR + CHAIN



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2018
Measurements
Datasheet

Certificate

Number **sy000**

Yacht Name **2018_D**

Sail Nr

Datafile **SY2018_D**

Data in **meters/kilograms**

ORC Ref **SY00024621**

Issued On **25/01/2018**

VPP Ver. **2018 SY1.00**

Valid until **31/12/2018**





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2018 Corinthian Spirit Certificate

Central Rating Office



Certificate

Number **sy888**
Issued On **26/01/2018**
ORC Ref **SY00024637**
VPP Ver. **2018 SY1.00**
Valid until **31/12/2018**

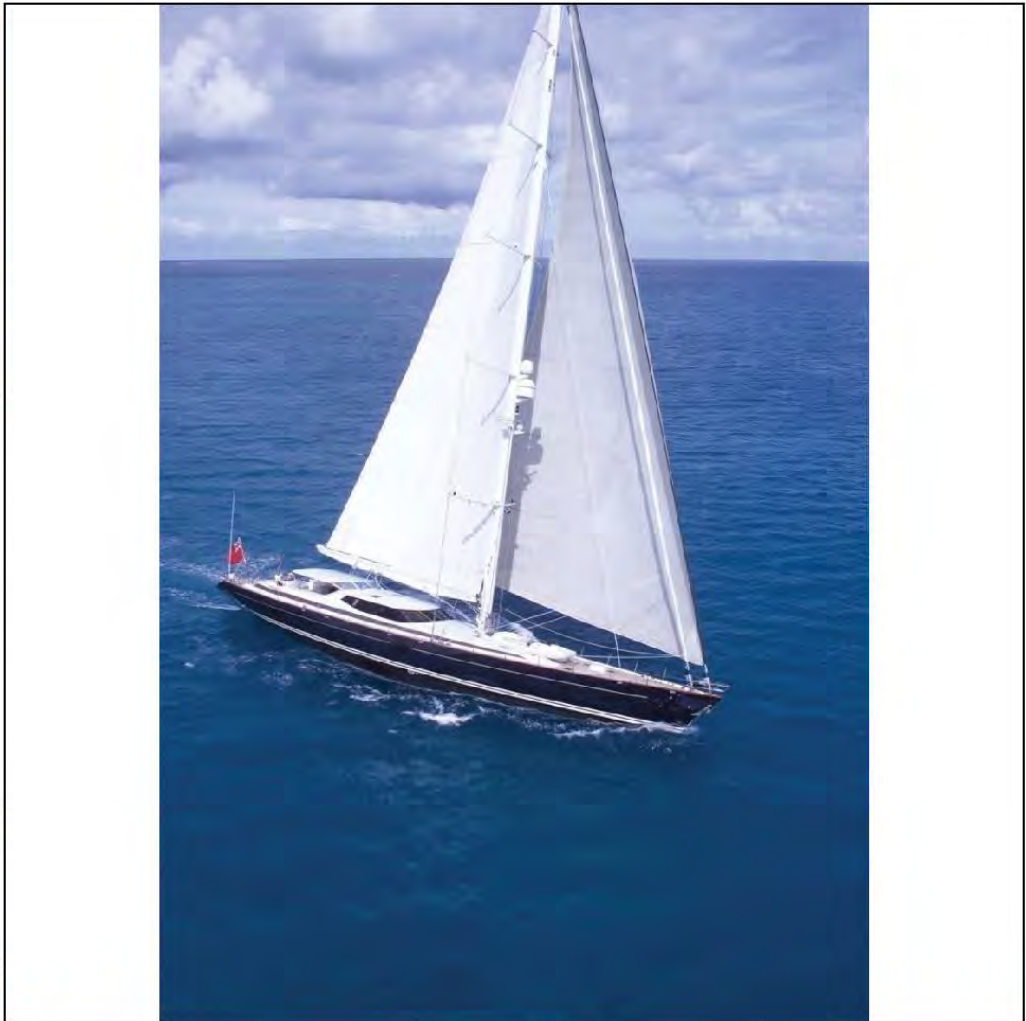
Propeller

Shaft exposed

PRD **1,300**
PIPA **0,1047**

Sails

Spinnaker Pole	No
Furled sails Upwind	2
Main Furler in Mast	No
Main Furler in Boom	Yes
Multiple Headsails	
Headsail Count	2
Spinnaker Count	0
Tot. Area Upwind	914,50
Tot. Area Downwind	914,50



Boat

Name **2018_C**
Sail Nr

General

Class
Designer **DESIGNER**
Builder **BUILDER**
Series **01/9999**
Age Date **01/9999**
OPF **0,0%**

Rig Details

Rig Type **Sloop**
Carbon Mast **Yes**

Hull

Data File **SY2018_C** LOA **43,070m**
Offset File **SY888.off** Draft **4,211m**
Displacement **228.182kg** MB **8,842m**
Liquids weight **0kg** IMSL **36,204m**

Trim Tab **No** Construction **Solid**
Carbon Rudder **No** Skeg
MCA Certified Aramid Core **No**
Bow Thruster D.
Centerboard **No**

Scoring

Time Multiplying Factor (TOT) **1,2140**
Time On Distance Allowance (TOD) sec/mi **411,9**