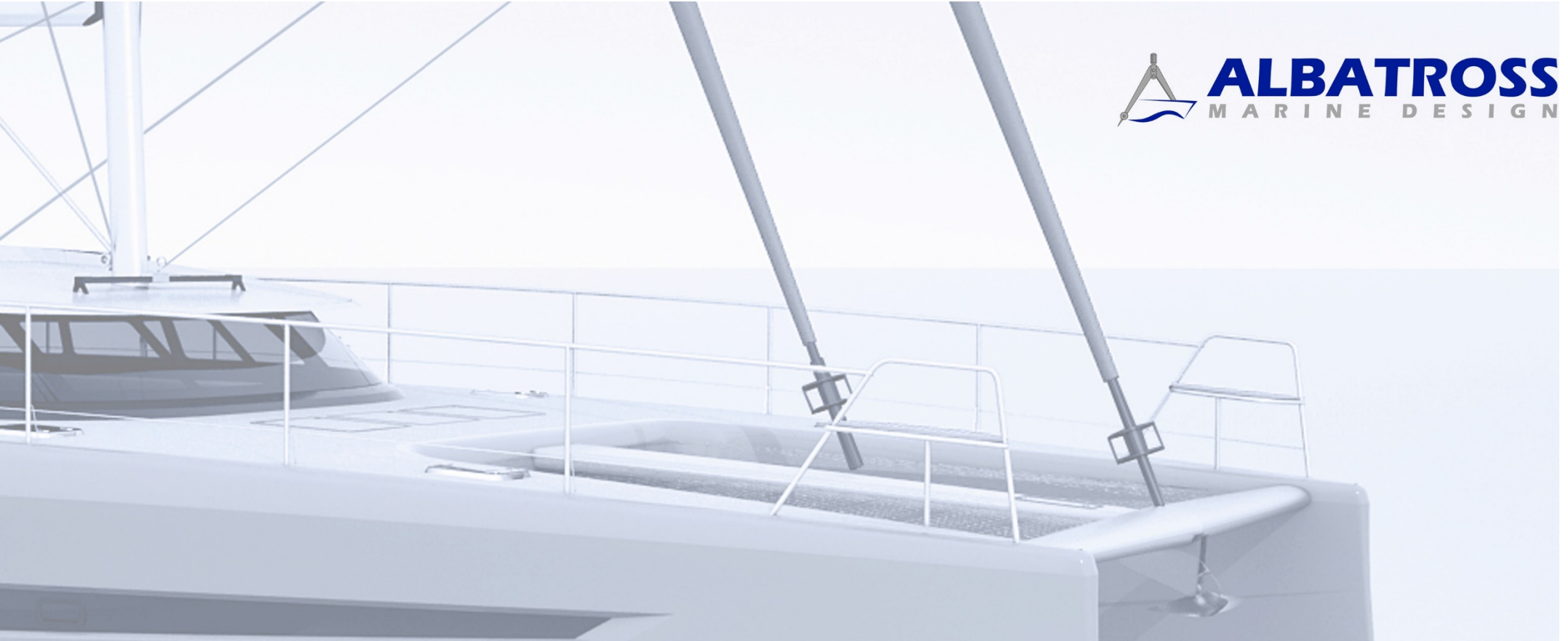




RENDERING



SAILING CATAMARAN BC78

RENDERING



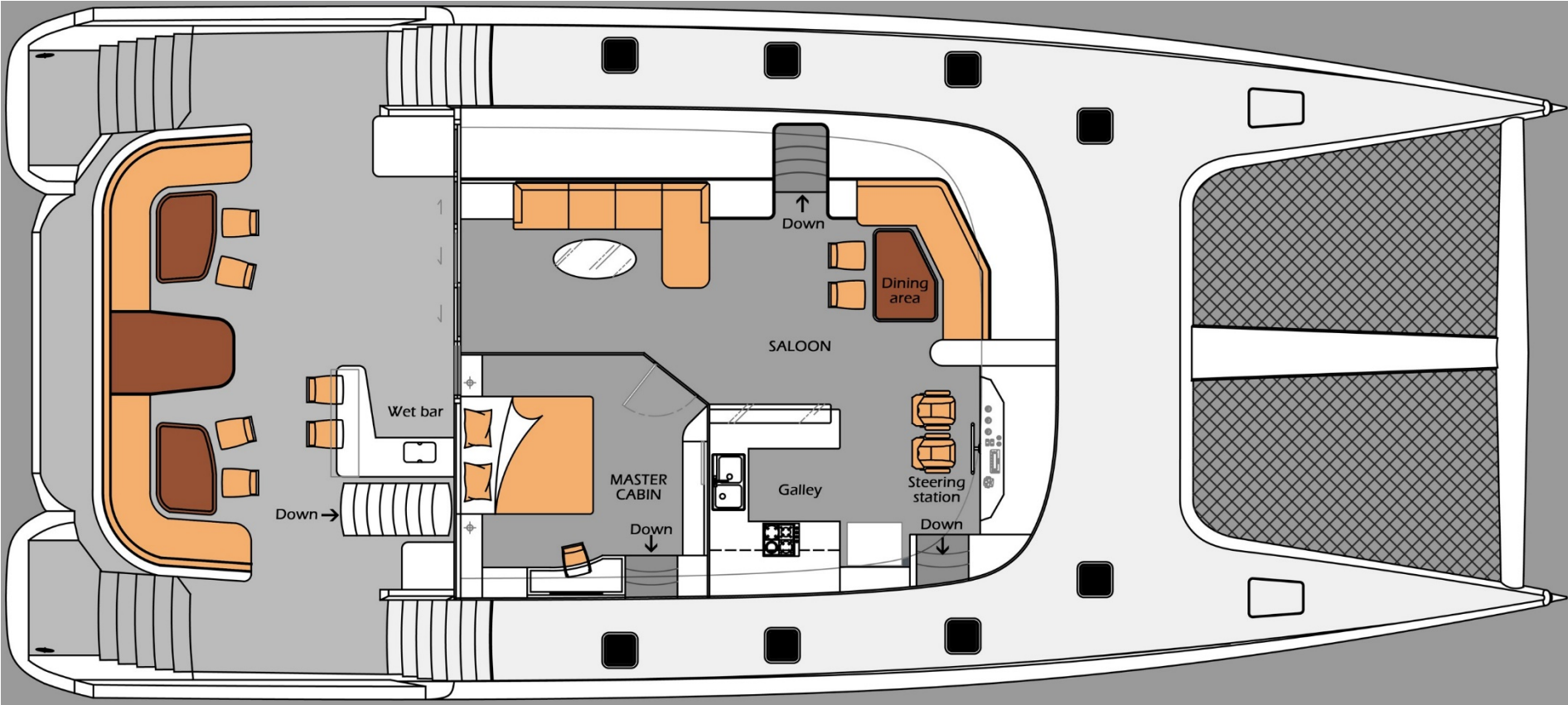
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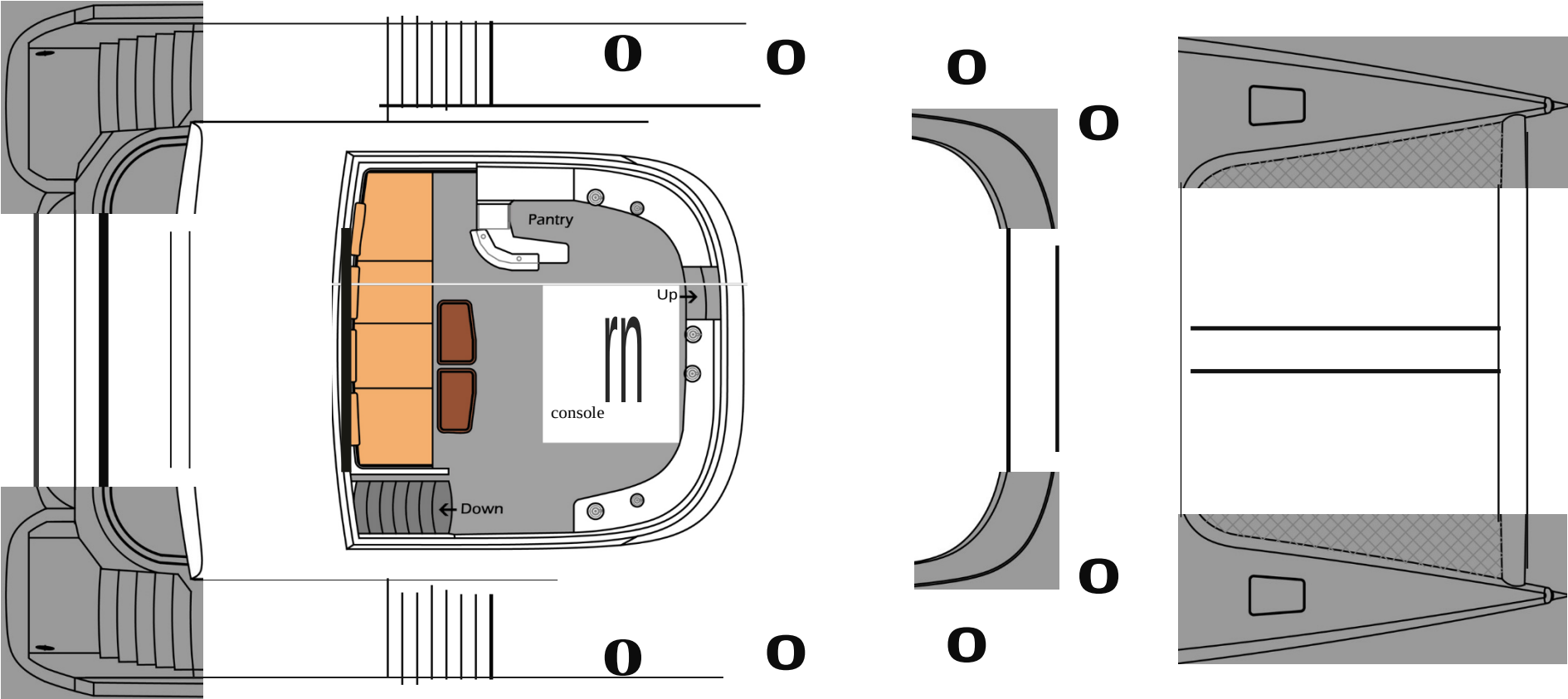
LOWER DECK PLAN



03







MAIN PARTICULARS

Parameter	Symbol	Units	Value
Length			
maximum length	L _{MAX}	m	18.33
length of hull	L _H	m	18.00
length of waterline	L _{WL}	m	17.36
Beam			
maximum beam	B _{MAX}	m	9.00
beam of hull	B _H	m	9.00
beam at waterline*	B _{WL}	m	1.79
beam between centres of buoyancy	B _{CB}	m	6.60
Depth			
maximum depth	D _{MAX}	m	2.86
midship depth	D _{LWL/2}	m	2.86
Freeboard			
freeboard forward	F _F	m	2.00
freeboard midship	F _M	m	2.15
freeboard aft	F _A	m	0.44
Draught			
canoe body draught	T _C	m	0.69
maximum draught	T _{MAX}	m	1.09
Height			
air draught	H _A	m	24.45
Displacement			
volume displacement	V _D	m ³	18.33
light craft mass (LCC)	m _{LCC}	kg	15000
loaded craft mass (LDC)	m _{LDC}	kg	18800
maximum load	m _{MTL}	kg	3800
immersion (at DWL)		kg/cm	468
Engines			
number of engines		-	2
model		-	Yanmar 4JH3-TCE x SD50-T
maximin power at crankshaft		kW(HP)	55.2(75)
maximum speed of crankshaft		RPM	3800
fuel consumption		L/h	17
dry weight		kg	261
Performance			

maximum speed, lightship		kts	12.8
maximum speed, full load		kts	12.0
recommended cruising speed		kts	10
Tankage			
fuel		L	2x600
water		L	2x600
waste		L	2x300
Sails area			
main		m ²	98.9
genoa		m ²	74.2
staysail		m ²	33.8
Sails measurements			
mainsail hoist	P	mm	18770
mainsail foot	E	mm	8840
foretriangle height	I	mm	19090
foretriangle base	J	mm	6470
longest perpendicular	LP	mm	7490
Passengers/Crew			
crew/passengers		-	12
Coefficients and parameters			
block coefficient*	CB	-	0.429
midship section area coefficient*	CM	-	0.732
waterplane area coefficient*	CWP	-	0.734
prismatic coefficient*	CP	-	0.587
longitudinal center of buoyancy	LCB/L _{WL}	-	0.462
length to displacement ratio*	L _{WL} /V _D ^{1/3}	-	8.302
displacement to length ratio*	DLR	-	50.13
Bruce number (LCC displacement)		-	1.35
Certification			
EU RCD category			A 'ocean'