

BOAT
Name VISIONE
Sail Nr GER-5200

GPH
359.5

HULL					
Length Overall	44.840 m				
Maximum Beam	8.282 m				
Displacement	125,585 kg				
Draft	6.796 m				
IMS Reg. Division	Cruiser/Racer				
Dynamic Allowance	-0.072%				
Fwd Accommodation	No				
Hull Construction	Cored				
Carbon Rudder	No				
Crew Arm Extension					
IMS L	39.534	VCGD	-0.897	VCGM	-0.918
Sink	189.87 kg/mm	Wetted Area	238.82 m²		



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2010
ORC International
Certificate

GENERAL
Class BALTIC 147
Designer RECHEL-PUGH
Builder BALTIC YACHTS
Series 01/2003
Age 01/2003
Age Allowance 0.455%
Offset File B147corT.off - 27/9/2012 15:58:50
Measurement by TMONTANER - 13/08/2010

SCORING OPTIONS	OFFSHORE			INSHORE		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	359.5			413.4		
Time On Time	1.6689			1.6329		
Performance Line	PLT	PLD		PLT	PLD	
	1.175	-4.9		1.196	86.4	
Triple Number	Low	Medium	High	Low	Medium	High
	1.5252	2.1654	2.5883	1.1285	1.6426	2.0266

Rating Office

Offshore
Racing
Congress



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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	699.5	554.8	468.2	417.5	387.9	369.3	361.7
52°	438.2	347.8	295.7	271.8	258.7	249.9	243.9
60°	397.7	315.5	273.4	255.9	244.7	237.3	230.7
75°	361.2	287.5	254.6	238.0	229.1	222.9	214.6
90°	357.3	286.1	253.5	233.2	221.1	213.8	203.0
110°	373.1	290.5	250.8	232.2	222.9	215.8	200.2
120°	385.8	302.7	259.2	235.0	220.9	212.1	198.1
135°	451.0	355.2	296.0	262.9	241.2	225.1	196.4
150°	552.3	433.4	361.6	313.7	283.3	261.7	230.8
Run VMG	637.8	500.5	417.6	362.2	327.2	302.2	266.5

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VPP Ver. 2010 1.11
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Selected Courses							
Windward / Leeward	679.4	534.2	448.8	395.4	361.9	339.8	318.1
Circular Random	522.5	410.2	347.2	308.9	284.4	268.2	248.4
Ocean for PCS	560.4	429.8	354.3	306.5	274.2	251.1	219.2
Non Spinnaker	581.7	453.9	381.2	336.0	306.2	285.7	260.0

Crew Weight
Declared 4,622 kg
Default* 4,622 kg
Non Manual Power Yes

Special Scoring	
ToD	ToT
D. Hand OSN 360.7	1.6636
Non Spin. OSN 394.9	1.5193
N/S Perf. Line -35.1	0.994

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	46.9°	46.2°	45.9°	44.0°	41.8°	40.3°	40.3°
Beat VMG	5.15	6.49	7.69	8.62	9.28	9.75	9.95
52°	8.22	10.35	12.18	13.25	13.92	14.41	14.76
60°	9.05	11.41	13.17	14.07	14.71	15.17	15.60
75°	9.97	12.52	14.14	15.12	15.71	16.15	16.78
90°	10.07	12.58	14.20	15.44	16.28	16.84	17.73
110°	9.65	12.39	14.35	15.50	16.15	16.68	17.98
120°	9.33	11.89	13.89	15.32	16.30	16.97	18.17
135°	7.98	10.13	12.16	13.69	14.93	15.99	18.33
150°	6.52	8.31	9.95	11.48	12.71	13.76	15.60
Run VMG	5.64	7.19	8.62	9.94	11.00	11.91	13.51
Gybe Angles	135.5°	137.7°	136.9°	141.6°	144.9°	145.8°	149.3°

Sails Limitations		
Genoas	Jibs	Spinnakers
0	6	4
Spinnaker configuration Asymmetric-CL		

Storm Sails Areas
Heavy Weather Jib 333.6
Storm Jib (JL=32.31) 123.5
Storm Trysail 133.2

Owner

BOAT	
Name VISIONE	Sail Nr GER-5200
File GER5200.dxt	Data in meters/kilograms

RIG			
Forestay Tension Aft	Spreaders 4		
Inner Stay Adjustable	Runners 2		
Carbon Mast Yes	Jumper Struts None		
Taper Hollows No	Jib Furler Yes		
Fiber Rigging Yes	Main Furler No		
Lenticular Rigging No	Without Backstay No		
Articulated Bowsprit No			
P 47.000	E 16.200	MDT1 0.336	TL 15.100
IG 49.540	J 16.500	MDL1 0.635	MWT 3655.0
ISP 51.300	SFJ 2.200	MDT2 0.290	MCG 19.188
SPS 0.000	SPL 0.000	MDL2 0.530	CPW 7.200
BAS 3.820	TPS 18.250	MW 0.568	BD 0.689
BAL 0.150	FSP 0.200	GO 0.625	BWT 1455.0

MIZZEN RIG AND SAILS	
N/A	


COMMENTS
CORRECCION FRANCOBORDOS 6mm

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 14/03/2007		SG 1.0250	
FFM 2.754	FF 2.754	SFFP 2.420	
FAM 2.091	FA 2.091	SAFP 39.620	
W1 690.00	PD1 68.8	WD 13.000	
W2 690.00	PD2 69.3	GSA 1.0	
W3 690.00	PD3 67.8	RSA 1.0	
W4 690.00	PD4 67.7	PLM 9000.0	
Max. beam station / LCF from stem		28.460 / 24.441	
RM Measured / Default		10328.3 / 10986.5	
Limit of positive stability		134.2°	
Stability Index		149.2	
Freeboard at mast at 18.700		2.347	

PROPELLER			
Installation Shaft	PRD 0.918		
Type Feathering 3 blades	PBW		
Twin Screw No	PIPA 0.0304		
PSA 16.300	PHL 0.380	ST3 0.236	ESL 1.860
PSD 0.068	ST1 0.065	ST4 0.176	
PHD 0.176	ST2 0.236	ST5 0.545	

WATER BALLAST	
N/A	


CENTERBOARD	
N/A	



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SAILS (Maximum Areas)										
Mainsail	HB	MGT	MGU	MGM	MGL	MSW	Area	Area (r)	Formula	
	0.000	3.37	6.06	10.25	13.32	0.00	447.23	455.39	P/8 · (E + 2·MGL+ 2·MGM + 1.5·MGU + MGT + 0.5·HB)	
Jib/Genoa	JH	JGT	JGU	JGM	JGL	JL	LPG			
	0.14	2.23	4.61	8.67	12.70	49.88	16.89	428.50	0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)	
Symmetric Not Available										
Asymmetric	SLU	SLE	ASL	AMG	ASF					
	55.80	47.05	51.43	29.72	28.00			1258.88	ASL · (ASF + 4·AMG) / 6	
Code Zero Not Available										

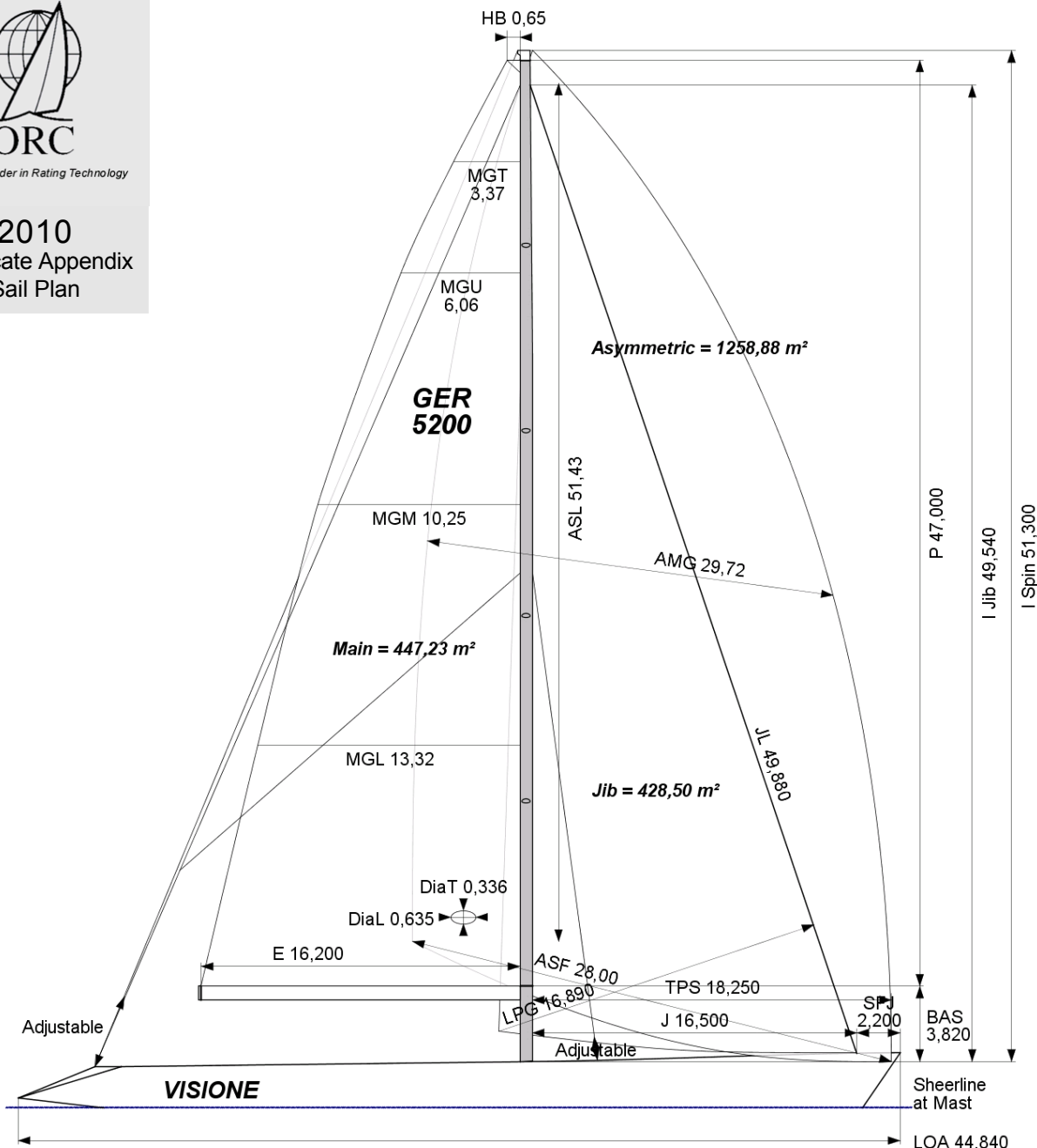
MEASUREMENT INVENTORY			
Measurer T.MONTANER E222			
Date 15/02/2007			
Comment			
Id	Item	Weight	Distance
001	Anchor	108.0	5.00
001	Chain	429.0	8.00
Id	Item	Weight Description	

MEASUREMENT INVENTORY									
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description	
001	Tank	GASOIL	INOS	700.0	30.00			650.0	
002	Tank	AGUA	INOX	670.0	30.00			630.0	
Id	Item	Weight	Distance	VCG Description					
001	Battery	1425.0	25.00	20 BATERIAS					
002	Battery	424.0	0.00	RESTO BATERIAS (A 34 Y 40m)					
001	Misc	1100.0	20.00	2 L.GENOVA (ESCOTA)					
002	Misc	490.0	22.00	W.MAYOR (DRIZA)					
003	Misc	510.0	22.00	W.MAYOR (ESCOTA)					



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Certificate Appendix
Sail Plan



SAILS INVENTORY

MANSAIL

Id	HB	MGT	MGU	MGM	MGL	MSW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
Garth		3.37	6.06	10.25	13.32		447.70				Unknown	

JIBS / GENOAS

Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Overlp	Area	Measurer	Meas.Date	Manufacture	Material	Comment
3D	0.14		4.61	8.67		16.89	49.88	102%	428.55				Unknown	

SYMMETRIC SPINNAKERS

Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment
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ASYMMETRIC SPINNAKERS

Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
Garth	55.80	47.05	51.43	29.72	28.00	1258.8	asym	Garth	13/08/2010		Unknown	E-mail