



GPH = **656.5** CDL = **7.931**

BOAT

Class **DELTA 32**
Designer **NESTOR VOLKER**
Builder **DELTA YACHTS**
Age Date **12/1994**
Series Date **06/1994**
Offset File **DELT32CD.OFF**

HULL

Length Overall **9.725 m**
Maximum Beam **3.252 m**
Draft **1.563 m**
Displacement **4,011 kg**
DLR **6.8129**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.001%**
Age Allowance **0.487%**

PROPELLER

Installation **Shaft non exposed**
Type **Feathering 2 blades**
Diameter **0.410m**

CREW

Maximum weight **533 kg**
Minimum weight **400 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	33.65	34.41
Headsail Luffed	33.27	33.27
Headsail Flying		
Symmetric	68.29	68.29
Asymmetric		

SAIL LIMITATIONS

Headsails **5**
Spinnakers **4**

STABILITY

Righting Moment **88.9 kg·m**
Stability Index **N/A**

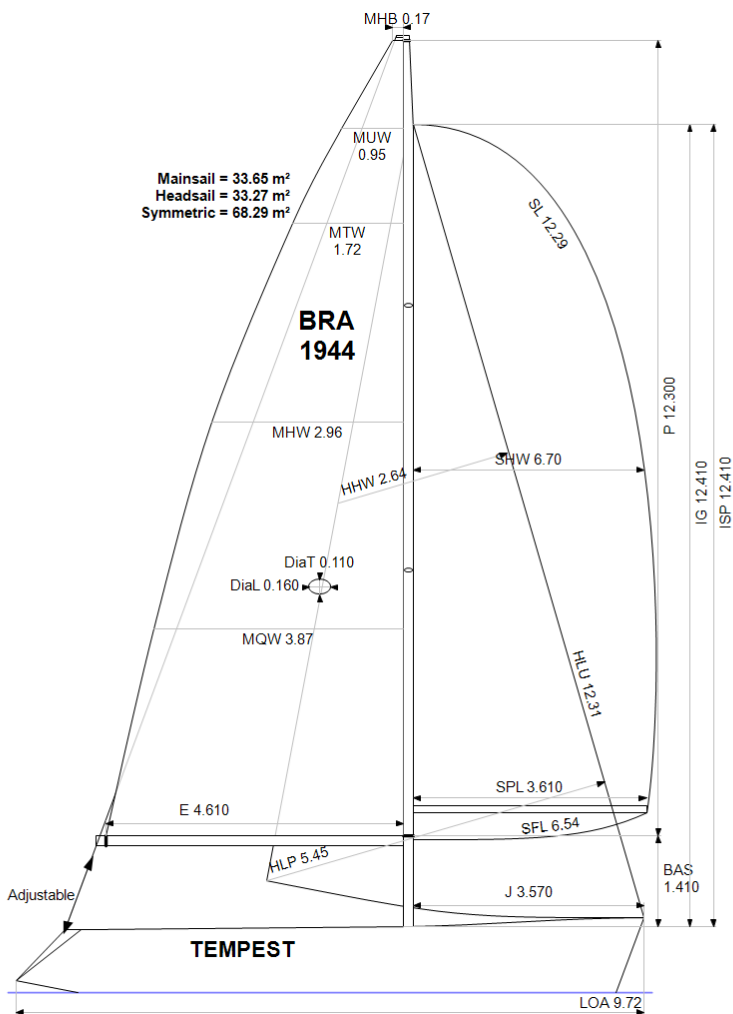
COMMENTS

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OWNER

Luis de Campos Colling
Av. Coronel Marcos 1496 - 11
Pedra Redonda - Porto Alegre
VdS

The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.



Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.9°	43.5°	42.4°	41.3°	41.3°	41.3°	42.0°
Beat VMG	3.29	3.93	4.41	4.61	4.69	4.72	4.69
52°	5.07	6.01	6.53	6.73	6.81	6.85	6.85
60°	5.42	6.31	6.72	6.93	7.02	7.07	7.09
75°	5.72	6.51	6.87	7.12	7.33	7.45	7.56
90°	5.69	6.54	6.93	7.21	7.49	7.75	8.10
110°	5.44	6.51	7.01	7.40	7.79	8.11	8.49
120°	5.28	6.38	6.93	7.33	7.75	8.17	8.90
135°	4.78	5.87	6.64	7.06	7.45	7.87	8.78
150°	4.05	5.08	6.00	6.68	7.06	7.42	8.22
Run VMG	3.50	4.40	5.21	5.92	6.53	6.95	7.66
Gybe Angles	146.0°	150.0°	151.5°	160.0°	180.0°	180.0°	180.0°



Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1095.1	916.2	815.7	780.4	767.2	762.4	766.8
52°	710.2	598.8	551.2	534.9	528.6	525.9	525.3
60°	664.5	570.8	535.6	519.8	512.8	509.2	507.8
75°	629.1	552.8	523.7	505.4	491.4	483.1	476.0
90°	632.8	550.5	519.7	499.5	480.7	464.6	444.6
110°	661.2	553.1	513.6	486.6	462.1	443.9	424.1
120°	681.6	564.4	519.2	491.3	464.6	440.5	404.6
135°	753.0	613.6	541.9	509.8	483.5	457.5	410.1
150°	890.0	708.2	599.6	539.2	509.7	485.1	438.0
Run VMG	1027.6	817.8	691.0	608.5	551.1	518.0	470.1
Selected Courses							
Windward / Leeward	1061.4	867.0	753.3	694.4	659.1	640.2	618.5
All purpose	811.8	674.8	604.5	569.0	545.6	530.8	511.4

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	725.5	0.8270
All purpose	587.4	1.0214