

APH: **584.9**

CDL: **9.044**

GPH: **664.6**

CertNo:

#### BOAT

Class **OCEANIS 37**  
Designer **FINOT**  
Builder **BENETEAU**  
Age date **01/2011**  
Series date **01/2006**  
Offset file **OCEANIS37DV.off**  
Data file

#### HULL

Length Overall **11.130 m**  
Maximum Beam **3.910 m**  
Draft **1.897 m**  
Displacement **6,532 kg**  
DLR **5.5246**  
IMS Division **Cruiser/Racer**  
Dynamic Allowance **0.390%**  
Age Allowance **0.487%**

#### PROPELLER

Installation **Shaft non exposed**  
Type **Folding 3 blades**  
Diameter **0.390m**

#### CREW

Maximum weight **745 kg**  
Minimum weight **559 kg** \* when applied  
Non Manual Power **No**  
Crew Arm Extension

#### SAIL AREAS (m<sup>2</sup>)

	Measured	Rated
Mainsail	<b>26.67</b>	<b>26.92</b>
Headsail Luffed	<b>33.81</b>	<b>33.81</b>
Headsail Flying		
Symmetric	<b>79.26</b>	<b>79.26</b>
Asymmetric		

#### STORM SAIL AREAS (m<sup>2</sup>)

Trysail **9.05**  
Storm Jib **9.32**  
Heavy Weather Jib **25.16**

#### SAIL LIMITS

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

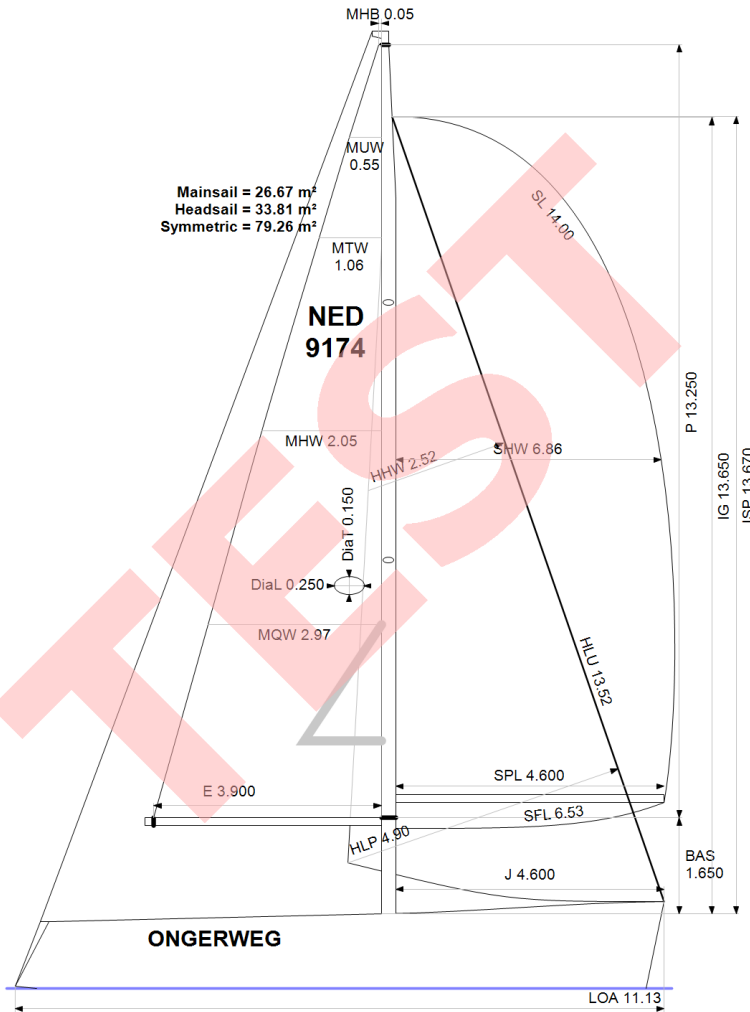
#### STABILITY

Righting Moment **N/A**  
Stability Index **N/A**

#### COMMENTS

Heeft boegschroef

The owner and any other person in charge is responsible that boat is complying with her certificate in accordance with RRS 78.1 and ORC Rule 304.



Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	45.4°	43.8°	42.3°	40.8°	40.0°	39.4°	39.6°
Beat VMG	2.99	3.72	4.26	4.68	4.97	5.12	5.17
52°	4.66	5.69	6.39	6.86	7.17	7.35	7.46
60°	4.96	5.99	6.67	7.10	7.37	7.56	7.72
75°	5.15	6.17	6.87	7.29	7.56	7.78	8.11
90°	5.09	6.25	7.04	7.50	7.79	7.96	8.27
110°	5.21	6.41	7.21	7.67	8.05	8.40	8.98
120°	5.05	6.24	7.09	7.60	7.97	8.34	9.07
135°	4.51	5.67	6.60	7.25	7.68	8.05	8.82
150°	3.80	4.92	5.88	6.69	7.26	7.66	8.37
Run VMG	3.29	4.26	5.10	5.83	6.47	7.03	7.80
Gybe Angles	145.7°	149.3°	152.0°	155.6°	162.2°	173.6°	178.1°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1203.5	967.1	844.5	770.0	724.2	702.6	696.8
52°	772.6	632.7	563.4	524.5	502.4	490.0	482.8
60°	725.9	601.3	539.6	507.3	488.4	476.5	466.6
75°	699.4	583.8	523.7	493.9	476.0	462.6	443.8
90°	707.8	576.0	511.2	479.9	462.3	452.1	435.1
110°	691.4	561.9	499.6	469.3	447.4	428.5	400.8
120°	713.0	577.1	507.5	473.6	451.5	431.6	396.8
135°	797.5	635.3	545.8	496.4	468.8	447.1	408.0
150°	947.7	731.8	612.2	538.5	495.6	469.8	430.2
Run VMG	1094.3	845.1	706.0	617.0	556.4	512.3	461.5
Selected Courses							
Windward / Leeward	1148.9	906.1	775.2	693.5	640.3	607.5	579.1
All purpose	878.7	704.1	612.6	559.6	526.9	506.3	483.5

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	728.9	0.8232
All purpose	584.9	1.0258

### Custom scoring options for Netherlands

Scoring Option	Time On Time	
Triple Number Coastal/Long Distance Low	0.7581	<b>0,7452 *</b>
Triple Number Coastal/Long Distance Medium	1.0325	<b>1,0149 *</b>
Triple Number Coastal/Long Distance High	1.1931	<b>1,1728 *</b>
Triple Number Windward/Leeward Low	0.5839	<b>0,5740 *</b>
Triple Number Windward/Leeward Medium	0.8274	<b>0,8133 *</b>
Triple Number Windward/Leeward High	0.9916	<b>0,9747 *</b>
Coastal/Long Distance	0.9376	
Predominantly Upwind	0.9409	
Predominantly Downwind	1.0079	

\*-1,7% correctie op ToT factoren voor boegschroef tunnel. Op basis van correctiefactor van 1,5 sw punt volgens sailsupport.

Data in meters/kilograms (Metric)

**HULL AND APPENDAGES (Lightship Trim)**

Class	<b>OCEANIS 37</b>	LOA	<b>11.130</b>	VCGD	<b>0.260</b>
Measurement	<b>14/04/2021</b>	Max. Beam	<b>3.910</b>	VCGM	<b>0.268</b>
HIN		Draft	<b>1.897</b>	RM Rated (kg·m)	<b>151.2</b>
Plan review		Displacement	<b>6,532</b>	Limit of positive stability(°)	<b>N/A</b>
Hull construction	<b>Cored</b>	Wetted area	<b>28.87</b>	Stability Index	<b>N/A</b>
Carbon Rudder	<b>No</b>	IMS L	<b>10.565</b>		
Light stanchions	<b>No</b>	LSM0	<b>10.573</b>		
Trim tab	<b>No</b>	Acc. length	<b>11.130</b>		
		Sink (kg/mm)	<b>22.31</b>		

**PROPELLER**

Propeller Type	<b>Folding 3 blades</b>	PRD	<b>0.390</b>	PSD	PSA
Installation	<b>Shaft non exposed</b>	PBW		PHD	ESL
Twin screw	<b>No</b>	PIPA	<b>0.0005</b>	PHL	
Hydro generator	<b>No</b>				

**RIG**

Forestay tension	<b>Fixed</b>	P	<b>13.250</b>	E	<b>3.900</b>
Inner stay	<b>None Fitted</b>	IG	<b>13.650</b>	J	<b>4.600</b>
Carbon mast	<b>No</b>	ISP	<b>13.670</b>	BAS	<b>1.650</b>
Headsail furler	<b>Yes</b>	MDT1	<b>0.150</b>	FSD	<b>Foil</b>
Mainsail furler	<b>Yes</b>	MDL1	<b>0.250</b>	SFJ	
Articulated bowsprit	<b>No</b>	MDT2		SPL	<b>4.600</b>
Non-circular rigging	<b>No</b>	MDL2		WPL	
Fiber rigging	<b>No</b>	TL	<b>Taper</b>	TPS	<b>4.650</b>
Runners/Checkstays	<b>0</b>	MW		BD	
Spreaders	<b>2</b>	GO		MWT	
Rotating mast	<b>No</b>			MCG	

**FLOTATION AND STABILITY**

Calculation method	<b>RM estimated</b>	SFFP	<b>0.512</b>	SAFP	<b>10.556</b>
Flotation Date	<b>14/04/2021</b>	FFM		FAM	
Measurer		FF	<b>1.475</b>	FA	<b>1.075</b>
Comment		LCFcl	<b>6.282</b>	LCFsh	<b>6.571</b>
		SG	<b>1.0000</b>	HBI	<b>1.273</b>

**INVENTORY**

OTHER ITEMS	Id	Kind	Description	Weight	LCG	VCG
	SaS		Deductible Sailor Services	444	9.31	0.00
			<i>Total deductible</i>	<b>141</b>	<b>9.31</b>	<b>0.00</b>



Club  
Certificate  
2023

Boat  
**Ongerweg**  
NED 9174

ORC  
Sailor  
Services



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**MAINSAIL**

<i><b>Id</b></i>	<i><b>MHB</b></i>	<i><b>MUW</b></i>	<i><b>MTW</b></i>	<i><b>MHW</b></i>	<i><b>MQW</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
1	0.05	0.55	1.06	2.05	2.97	26.67		

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**HEADSAIL**

<i><b>Id</b></i>	<i><b>HHB</b></i>	<i><b>HUW</b></i>	<i><b>HTW</b></i>	<i><b>HHW</b></i>	<i><b>HQW</b></i>	<i><b>HLP</b></i>	<i><b>HLU</b></i>	<i><b>Btn</b></i>	<i><b>Flying FT</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
1	0.08	0.67	1.28	2.52	3.74	4.90	13.52	Yes	No	33.81		

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**SYMMETRIC SPINNAKER**

<i><b>Id</b></i>	<i><b>SLU</b></i>	<i><b>SLE</b></i>	<i><b>SL</b></i>	<i><b>SHW</b></i>	<i><b>SFL</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
1	14.00	14.00	14.00	6.86	6.53	79.26		