

<b>BOAT</b>
Name <b>PERFECT EXCUSE TOO</b> Sail Nr <b>4766</b>

<b>GPH</b>
<b>622,1</b>

<b>HULL</b>	Length Overall	<b>10,720m</b>
	Maximum Beam	<b>3,472m</b>
	Displacement	<b>5.134kg</b>
	Draft	<b>2,226m</b>
	IMS Reg. Division	<b>Cruiser/Racer</b>
	Dynamic Allowance	<b>0,000%</b>
	Fwd Accommodation	<b>Yes</b>
	Hull Construction	<b>Cored</b>
	Carbon Rudder	<b>No</b>
	Crew Arm Extension	
	IMSL	<b>9,654 VCGD - Sink 18,69kg/mm</b>
	RL	<b>9,061 VCGM 0,004 WS 24,98m<sup>2</sup></b>

<b>GENERAL</b>
Class <b>X-362 SPORT</b>
Designer <b>JEPPESEN</b>
Builder <b>X-YACHTS</b>
Series <b>01/1993</b>
Age <b>01/1998</b>
Age Allowance <b>0,487%</b>
Offset File <b>IX362SHK.OFF - 21/4/2000 03:46:36</b>
Measurement by <b>KALL - 24/04/1998</b>



World Leader in Rating Technology

**2015**  
ORC International  
Certificate

<b>SCORING OPTIONS</b>	<b>OFFSHORE</b>			<b>INSHORE</b>		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	<b>605,1</b>			<b>671,2</b>		
Time On Time	<b>0,9916</b>			<b>1,0056</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0,866</b>	<b>115,9</b>		<b>0,829</b>	<b>188,8</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0,9456</b>	<b>1,2247</b>	<b>1,3797</b>	<b>0,7277</b>	<b>0,9983</b>	<b>1,1659</b>

**Rating Office**

Offshore  
Racing  
Congress



World Leader in Rating Technology

<b>TIME ALLOWANCES</b>	Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
	Beat VMG	<b>1016,1</b>	<b>846,7</b>	<b>746,9</b>	<b>701,5</b>	<b>679,5</b>	<b>666,5</b>	<b>660,7</b>
	52°	<b>665,3</b>	<b>560,9</b>	<b>513,5</b>	<b>496,2</b>	<b>488,6</b>	<b>484,4</b>	<b>480,1</b>
	60°	<b>627,5</b>	<b>536,1</b>	<b>500,3</b>	<b>483,6</b>	<b>475,4</b>	<b>470,5</b>	<b>466,0</b>
	75°	<b>597,0</b>	<b>519,9</b>	<b>490,7</b>	<b>471,4</b>	<b>456,0</b>	<b>446,7</b>	<b>439,1</b>
	90°	<b>602,8</b>	<b>523,4</b>	<b>493,0</b>	<b>473,5</b>	<b>454,6</b>	<b>437,0</b>	<b>414,8</b>
	110°	<b>645,1</b>	<b>535,1</b>	<b>493,3</b>	<b>467,4</b>	<b>441,6</b>	<b>423,5</b>	<b>405,0</b>
	120°	<b>668,6</b>	<b>551,3</b>	<b>501,0</b>	<b>475,0</b>	<b>450,8</b>	<b>426,1</b>	<b>391,1</b>
	135°	<b>749,6</b>	<b>610,7</b>	<b>531,1</b>	<b>495,1</b>	<b>471,4</b>	<b>447,6</b>	<b>401,4</b>
	150°	<b>893,8</b>	<b>706,3</b>	<b>596,6</b>	<b>528,7</b>	<b>494,9</b>	<b>471,9</b>	<b>426,4</b>
	Run VMG	<b>1032,0</b>	<b>815,5</b>	<b>686,5</b>	<b>596,5</b>	<b>533,9</b>	<b>498,6</b>	<b>453,1</b>

<b>Certificate</b>
Number <b>5645</b>
ORC Ref <b>SSF00001196</b>
Issued On <b>13/5/2015</b>
VPP Ver. <b>2015 1.01</b>
Valid until <b>31/12/2015</b>

<b>Selected Courses</b>	Windward / Leeward	<b>1024,1</b>	<b>831,1</b>	<b>716,7</b>	<b>649,0</b>	<b>606,7</b>	<b>582,5</b>	<b>556,9</b>
	Circular Random	<b>856,8</b>	<b>692,1</b>	<b>603,6</b>	<b>552,0</b>	<b>520,1</b>	<b>499,0</b>	<b>472,5</b>
	Ocean for PCS	<b>912,7</b>	<b>722,6</b>	<b>616,9</b>	<b>552,5</b>	<b>510,2</b>	<b>480,1</b>	<b>436,9</b>
	Non Spinnaker	<b>896,5</b>	<b>720,2</b>	<b>624,6</b>	<b>568,2</b>	<b>533,1</b>	<b>509,9</b>	<b>480,3</b>

<b>Crew Weight</b>	
Declared	<b>690kg</b>
Default*	<b>652kg</b>
Non Manual Pwr	<b>No</b>

<b>Special Scoring</b>	ToD	ToT
Non Spin GPH	<b>644,2</b>	<b>0,9314</b>
Non Spin OSN	<b>625,5</b>	<b>0,9592</b>
N/S Perf. Line	<b>92,8</b>	<b>0,801</b>

<b>Velocity Prediction in Knots for True Wind Speeds</b>	Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
	Beat Angles	<b>43,0°</b>	<b>41,9°</b>	<b>40,9°</b>	<b>38,8°</b>	<b>37,8°</b>	<b>37,0°</b>	<b>37,0°</b>
	Beat VMG	<b>3,54</b>	<b>4,25</b>	<b>4,82</b>	<b>5,13</b>	<b>5,30</b>	<b>5,40</b>	<b>5,45</b>
	52°	<b>5,41</b>	<b>6,42</b>	<b>7,01</b>	<b>7,25</b>	<b>7,37</b>	<b>7,43</b>	<b>7,50</b>
	60°	<b>5,74</b>	<b>6,72</b>	<b>7,20</b>	<b>7,44</b>	<b>7,57</b>	<b>7,65</b>	<b>7,73</b>
	75°	<b>6,03</b>	<b>6,92</b>	<b>7,34</b>	<b>7,64</b>	<b>7,89</b>	<b>8,06</b>	<b>8,20</b>
	90°	<b>5,97</b>	<b>6,88</b>	<b>7,30</b>	<b>7,60</b>	<b>7,92</b>	<b>8,24</b>	<b>8,68</b>
	110°	<b>5,58</b>	<b>6,73</b>	<b>7,30</b>	<b>7,70</b>	<b>8,15</b>	<b>8,50</b>	<b>8,89</b>
	120°	<b>5,38</b>	<b>6,53</b>	<b>7,18</b>	<b>7,58</b>	<b>7,99</b>	<b>8,45</b>	<b>9,20</b>
	135°	<b>4,80</b>	<b>5,90</b>	<b>6,78</b>	<b>7,27</b>	<b>7,64</b>	<b>8,04</b>	<b>8,97</b>
	150°	<b>4,03</b>	<b>5,10</b>	<b>6,03</b>	<b>6,81</b>	<b>7,27</b>	<b>7,63</b>	<b>8,44</b>
	Run VMG	<b>3,49</b>	<b>4,41</b>	<b>5,24</b>	<b>6,04</b>	<b>6,74</b>	<b>7,22</b>	<b>7,95</b>
	Gybe Angles	<b>144,6°</b>	<b>150,4°</b>	<b>155,5°</b>	<b>168,4°</b>	<b>175,5°</b>	<b>178,8°</b>	<b>178,7°</b>

<b>Sails Limitations</b>	
Headsails	<b>6</b>
Spinnakers	<b>3</b>

<b>Class Division Length</b>
CDL = <b>9,358</b>

<b>Storm Sails Areas</b>	
Heavy Weather Jib	<b>28,83</b>
Storm Jib (JL=9,50)	<b>10,68</b>
Storm Trysail	<b>11,39</b>

<b>Owner</b>

<b>BOAT</b>	
Name <b>PERFECT EXCUSE</b>	Sail Nr <b>4766</b>
File <b>(0)</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>		
Inclining Test <b>Current Inclining</b>		
Flotation date <b>25/04/1998</b>	SG <b>1,0050</b>	
FFM <b>1,217</b>	FF <b>1,230</b>	SFFP <b>0,332</b>
FAM <b>1,009</b>	FA <b>1,019</b>	SAFP <b>9,573</b>
W1 <b>20,000</b>	PD1 <b>56,5</b>	WD <b>10,530</b>
W2 <b>45,000</b>	PD2 <b>127,0</b>	GSA <b>64,0</b>
W3 <b>70,000</b>	PD3 <b>197,5</b>	RSA <b>10000,</b>
W4 <b>90,000</b>	PD4 <b>254,0</b>	PLM <b>2000,0</b>
LCF from stem on CL / on sheer		<b>5,975 / 6,206</b>
Maximum beam station from stem		<b>6,875</b>
RM Measured / Default		<b>129,8kg·m /</b>
Limit of positive stability / Stab.Index		<b>116,4° / 116,8</b>
Freeboard at mast at 4,150		<b>1,117</b>

<b>RIG</b>			
Forestay Tension <b>Aft</b>	Spreaders <b>2</b>		
Inner Stay <b>None Fitted</b>	Runners <b>0</b>		
Carbon Mast <b>No</b>	Jumper Struts <b>None</b>		
Taper Hollows <b>No</b>	Jib Furler <b>No</b>		
Fiber Rigging <b>No</b>	Main Furler <b>No</b>		
Lenticular Rigging <b>No</b>	Without Backstay <b>No</b>		
Articulated Bowsprit <b>No</b>			
P <b>13,850</b>	E <b>4,700</b>	MDT1 <b>0,111</b>	MW <b>0,185</b>
IG <b>14,580</b>	J <b>3,800</b>	MDL1 <b>0,185</b>	GO <b>0,194</b>
ISP <b>14,610</b>	SFJ <b>0,350</b>	MDT2 <b>0,092</b>	BD <b>0,180</b>
BAS <b>1,653</b>	SPL <b>3,800</b>	MDL2 <b>0,167</b>	MWT <b>154,00</b>
FSP <b>0,066</b>	TPS	TL <b>1,195</b>	MCG <b>4,865</b>



World Leader in Rating Technology

## 2015 Measurements Datasheet

<b>MIZZEN RIG AND SAILS</b>	
N/A	

<b>PROPELLER</b>		
Installation <b>Strut</b>	PRD <b>0,390</b>	
Type <b>Folding 2 blades</b>	PBW <b>0,110</b>	
Twin Screw <b>No</b>	PIPA <b>0,0033</b>	
ST1 <b>0,042</b>	ST3 <b>0,180</b>	ST5 <b>0,240</b>
ST2 <b>0,180</b>	ST4 <b>0,112</b>	EDL <b>1,915</b>

<b>Certificate</b>	
Number <b>5645</b>	
ORC Ref <b>SSF00001196</b>	
Issued On <b>13/5/2015</b>	
VPP Ver. <b>2015 1.01</b>	
Valid until <b>31/12/2015</b>	

<b>COMMENTS</b>	
KIELVERSION HEAVY DRAFT 2.25	

<b>MOVEABLE BALLAST</b>	
N/A	



World Leader In Rating Technology

<b>CENTERBOARD</b>	
N/A	

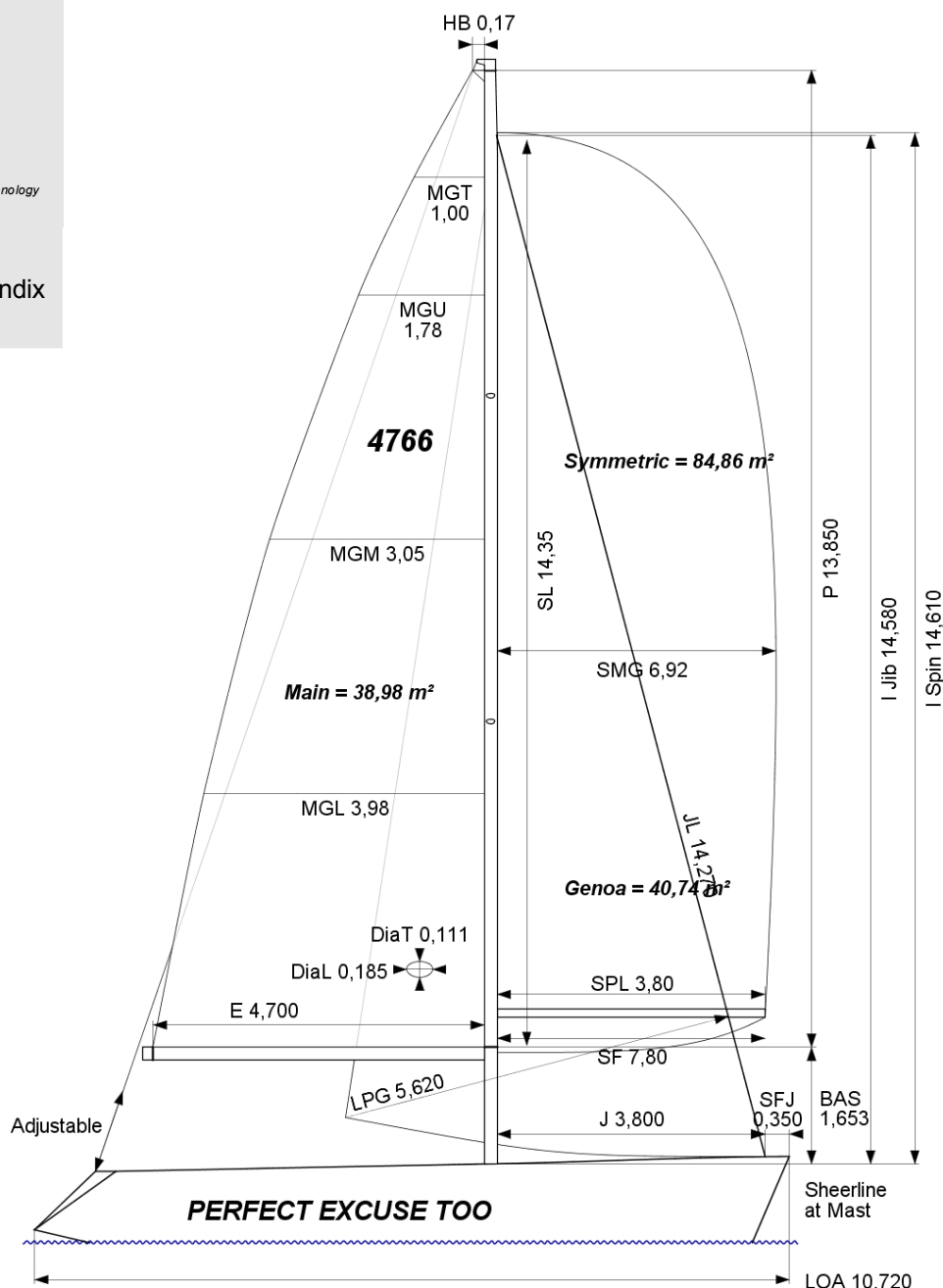
<b>SAILS (Maximum Areas)</b>						
Mainsail	HB	MGT	MGU	MGM	MGL	
	0,170	1,00	1,78	3,05	3,98	
						Area Area (r) Formula
						38,98 39,74 $P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$
Symmetric	SL	SMG	SF			
	14,35	6,92	7,80	84,86 $SL \cdot (SF + 4 \cdot SMG) / 6$		
<b>Asymmetric</b>						
Not Available						

<b>HEADSAILS</b>												
Area = 0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)												
JH	JGT	JGU	JGM	JGL	LPG	JL	Area	Btn	Fly	Meas.Date	Material	Comment
0,10					5,62	14,27	40,75					* Copied from legacy *
0,10					5,40	14,25	39,12				Unknow	



World Leader in Rating Technology

**2015**  
Certificate Appendix  
Sail Plan



**SAILS INVENTORY**

MAINSAIL																
Id	HB	MGT	MGU	MGM	MGL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ORC	0,170	1,00	1,78	3,05	3,98	38,98					* Copied from legacy					
HEADSAILS																
Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1	0,10					5,62	14,27	148%	40,75							* Copied from legacy *
2	0,10					5,40	14,25	142%	39,12							Unknown
SYMMETRIC SPINNAKERS																
Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment							
4	14,35	6,92	7,80	84,86				Unknown								
-14	14,60	6,76	6,90	82,59				Unknown								
1	13,90	6,64	6,43	76,43					* Copied from legacy *							
3	13,83	6,65	6,34	75,93				Unknown								
2	13,79	6,52	6,70	75,34				Unknown								
ASYMMETRIC SPINNAKERS																
Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				