



# INTERNATIONAL FIVE point FIVE METRE CLASS

## Evolution

Yacht's Name	Akavvit		
Sail Number	SUI 153	Club	SNRolle
Designer	Britton Chance		
Builder	Portier (Meilen)	Building Year	1987
Owner	van Doorn Boudewijn		
Owner's Address	rue des quatre fontaines 1, CH-1278 La Rippe		
Veritas R class certificate (Number or Date)	Veritas 1987		

### RATING CERTIFICATE

This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 5.5 m.

This certificate is dated **April 23rd. 2004, Rolle (CH)**

and its validity confirms **Guy-Roland Perrin, Swiss Sailing/ ISAF - Measurer**

for **Swiss sailing** (enter name of National Authority)

Valid until **April 22nd. 2006**

Supersedes \_\_\_\_\_ (enter former certif. number or date)

Signature

Stamp of Authority

Im Swiss Sailing-Register  
eingetragen am


**29. APR. 2004**

Item No	Rule No	Measurement	Min	Actual	Max
<b>HULL</b>					
1	23	Immersion checked in salt or fresh water		fresh	
		Difference of immersion with salt water		6mm	
2	13	Weight of inside ballast placed at <u>mid-ship</u>		0.000	
3	5	Beam	1.90m	1.903	
4	2	Max draft		1.350	1.350m
5	4	Freeboard at bow girth station		0.716	
6	4	Freeboard at stern girth station		0.593	
7	4	Freeboard at midship mark	0.560m	0.596	
8	4	Freeboard average (item 5+6+7)	0.628m	0.635	
9	14(iii)	Keel and ballast material (lead or iron)		Lead	
10	14(iv)	Keel height of round at bottom		0.090	
11	14(iv)	Maximum section width down to 1m below LWL		158.000	
12	8	Stern angle	1 in 5.5	0.232	
13	9	Round of beams (Max 7mm in 305 mm)		0	7mm
14	10	Tumblehome		0.000	
15		Deduct 2% of maximum beam		0.038	
16	10	Excess tumblehome (item 14-15)			
17	11	Area of deck opening		2.200	2.25m2
18	12	Cockpit forward of L1 mark	1.75m	2.390	
19	11	Breadth of side decks	0.350 m	0.400	
<b>MISCELLANEOUS</b>					
37	29	Weight of anchor			
38	29	Length of wrap	11.5kg	12.0	13kg
39	23	Top of I marks above water with yacht in racing trim	30.5 m	ok	
				ok	

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Item No	Rule No	Measurement	Min	Actual	Max
<b>SAILS AND RIGGING</b>					
20	16	Height of sail plan above covering board level		11.100	11.100m
21	18	Height of boom (black band) above covering board level	0.500m	0.710	0.850m
22	17	Height of foretriangle above covering board level (I)		8.833	8.880m
23	16	Base of foretriangle (J) (Deck black band to be checked)		2.693	2.693
24	16	Min. headsail for measurement purpose		9.515	
25	19	Spinnaker halyard above forestay		0.100	
26	19	Spinnaker halyard out from mast		0.030	
27	19	Spinnaker breadth of half foot (Max = 1.25 x J)		3.366	3.366
28	19	Storm spinnaker breadth of half foot		2.693	
29	19	Spinnaker boom length		2.693	
30	21	Mast diameter at 1/2 height of foretriangle	11.5cm	128x84	
31	21	Mast diameter at deck	10.9cm	128x84	
32	21	Mast diameter at jib halyard	9.2cm	103x66	
33	21	Mast diameter at top	5.8cm	69x49	
	21	Forward-Aft mast profile measurement	125mm	130.0	
	21	Athwartsips mast profile measurement	75mm	80.0	
	21	Constant section from heel to min-6m		yes	
	21	Permanent set not exceeding 50mm between marks		no	
34	21	Tip weight of mast (old min 40 kg)	16kg	16.0	
35	22	Boom depth		ok	15.2cm
36	22	Boom width	3.8cm	ok	

<b>LENGTH FOR RATING</b>					
40	3	Overall length LOA		9.010	
41	3	Overhang Forward to L1		0.831	
42	3	Overhang Aft to L1		0.957	
43	3	Total Overhang (Subtract)		1.788	
44	3	MEASURED LENGTH (L1 L1)		7.222	
45	3	Girth at Bow		0.720	
46	3	Twice vertical Height at Bow (Subtract)		0.550	
47	3	O at Bow	0.165m	0.170	
48	3	Girth at Stern		1.758	
49	3	Twice vertical Height at Stern (Subtract)		1.021	
50	3	O at Stern		0.737	
51	3	Add 1/3 O at Stern	0.234m	0.246	
52	3	Correct length		7.638	
<b>SAIL AREA FOR RATING</b>					
53	17	Largest headsail [m2]	9.515	10.298	10.298
54	18	Mainsail (Height)	H:	10.390	
		Mainsail (between mast and boom band)	B:	3.600	
		1/4 main sail girth (Including rope max 35% of B)		1.260	
		1/2 main sail girth (Including rope max 60% of B)		2.160	
55	2	Total sail area S (53+54)	26.5m2	29.000	29.0m2
56	2	Square root of S		5.385	
<b>DISPLACEMENT</b>					
57	13	Weight of yacht		1773	
58	13	Displacement D=weight/1025.21	1.7m3	1.729	2.0m3
59	13	Cubic root of D		1.200	
<b>RATING</b>					
60	2	Rating calculated according to formula		5.500	
61	10	3x tumblehome excess (add to item 60 for final rating)		0.000	
62	2	<b>FINAL RATING</b>		<b>5.500</b>	

Yacht's Name	<u>Akvavit</u>	Sail Number	<u>SUL 753</u>
This certificate is dated		<u>April 23rd. 2004, Rolle (CH)</u>	
Signature		eingetragen am <b>29. APR. 2004</b>	
Stamp of Authority			



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### RATING CERTIFICATE

This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 5.5 m.

This certificate is dated **March 3rd. 2004.** ~~Debbie (IT)~~

and its validity confirms **Guy-Roland Perrin, Swiss Sailing/ ISAF - Measurer**

for **Swiss sailing** (enter name of National Authority)

Valid until **March 2nd. 2006**

Supersedes \_\_\_\_\_ (enter former certif. number or date)

Signature 

Stamp of Authority


**Guy-Roland Perrin**  
Swiss Sailing Measurer  
Technical Commission

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Yacht's Name <b>Akvavit</b>	Sail Number <b>SUI 153</b>
This certificate is dated <b>March 3rd. 2004, <del>Switzerland</del></b>	
Signature 	Stamp of Authority

**Guy-Roland Perrin**  
Swiss Sailing Measurer  
Technical Commission