

Signature

INTERNATIONAL FIVE point FIVE METRE CLASS

Evolution

Yacht's Name	Akvavit		
Sail Number	SUI 153	Club	CMD-II.
Designer	Britton Chance	Oldy	SNRolle
Builder	Portier (Meilen)	Building Year	4007
Owner	van Doorn Boudewijn	Dunding 1ear	1987
Owner's Address Veritas R class cer	rue des quatre fontaines 1, CH-1278 La Ripp rtificate (Number or Date)		
		Veritas 1987	
	RATING CERTIFICATE		
This yacht has been m	neasured by measurer(s) approved by this Authority an	nd has been found to rate not more	than EEm
trus certificate is dated	April 23rd. 2004, Rolle (CH)		.man 5.5 m.
and its validity confirm	Guy-Roland Perrin , Swiss Sailing/ ISAF - Me	A2011rar	
for	Swiss sailing		
Valid until	April 22nd. 2006	(enter name of Nation	al Authority)
Supersedes			•

Stamp of Authority

(enter former certif, number or date) Im Swiss Sailing -Register

eingetragen am

2 9. APR. 2004

Item	Rule	Measurement	SUSS recognises consequences	4600 0000000	
No	No	mengarème(II	Min	Actual	Max
	200000000000000000000000000000000000000	HULL			
1	23	Immersion checked in salt or fresh water	·		
		Difference of immersion with salt water	·	fresh	
2	13	Weight of inside ballast placed atmid-ship	-	6mm	
2 3	5	Beam		0.000	
4	2	Max draft	1.90m	1.903	_
5	4	Freeboard at bow girth station	<u> </u>	1.350	1.350m
6	4	Freeboard at stern girth station	ļ	0.716	
7	4	Freeboard at midship mark	 	0.593	<u> </u>
8 .	4	Freeboard average (item 5+6+7)	0.560m	0.596	
9	14(iii)	Keel and ballast material (lead or iron)	0.628m	0.635	
10	14(iv)	Keel height of round at bottom	<u> </u>	Lead	<u> </u>
11	14(iv)	Maximum section width down to 1m below LWL	 	0.090	<u> </u>
12	8	Stern angle		158.000	
13	9	Round of beams (Max 7mm in 305 mm)	1 in 5.5	0.232	<u> </u>
14	10	Tumblehome	1	0	7mm
15		Deduct 2% of maximum beam	 	0.000	<u> </u>
16	10	Excess tumblehome (item 14-15)	I———	0.038	<u></u>
17	11	Area of deck opening	-		
18	12	Cockpit forward of L1 mark	<u> </u>	2.200	2.25m2
19	11	Breadth of side decks	1.75m	2.390	
•	•	MISCELLANEOUS	0.350 m	0.400	
37	29	Weight of anchor	- <u> </u>		
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	

INTERNATIONAL FIVE point FIVE METRE CLASS

		9998444	Salar Carlos Constants	THE POINT IVE	1716-11	'L OL	.A33
	Iter No		Rule	Measurement	Min	Actual	Max
939	······································	Congression	No	20116-10-7			
	20		40	SAILS AND RIGGING			
	20		16	Height of sail plan above covering board level		11.100	11.100m
- 1	21		18	Height of boom (black band) above covering board level	0.500m		0.850m
	22		17	Height of foretriangle above covering board level (I)		8.833	8.880m
- 1	23		16	Base of foretriangle (J) (Deck black band to be checked)		2.693	2.693
	24	111	16	Min.headsail for measurement purpose		9.515	2.093
1	25		19	Spinnaker halyard above forestay		0.100	
	26		19	Spinnaker halyard out from mast	-		
	27		19	Spinnaker breadth of half foot (Max = 1.25 x J)	En Turk	0.030	10000
ı	28		19	Storm spinnaker breadth of half foot		3.366	3.366
	29		19	Spinnaker boom length		2.693	
- [30		21	Mast diameter at 1/2 height of foretriangle		2.693	
	31		21	Mast diameter at deck	11.5cm		
	32		21	Mast diameter at jib halyard	10.9cm		
1	33		21	Mast diameter at the Mast diameter at the	9.2cm		
	00		21	Mast diameter at top	5.8cm	69x49	
				Forward-Aft mast profilemeasurement	125mm	130.0	
			21	Athwartsips mast profile measurement	75mm	80.0	<u> </u>
] 7			~-21	Constant section from heel to min 6m	· · ·	yes	
1	24		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	10120111
	_			LENGTH FOR RATING			
ı	40		3	Overall length LOA			<u></u>
	41	e e e e e e e e e e e e e e e e e e e	. 3	Overhang Forward to L1		9.010	<u> </u>
	42	4 () t ₁ 22	3	Overhang Aft to L1		0.831	
.	43		3	Total Overhang (Substract)		0.957	
	44	•	3	MEASURED LENGTH (L1 L1)		1.788	
	45		3	Girth at Bow		7.222	
	46		3			0.720	
	47		3	Twice vertical Heigth at Bow (Substract) O at Bow		0.550].
	48		3	· •	0.165m	0.170	
	49			Girth at Stern		1.758	
	50		3	Twice vertical Heigth at Stern (Substract)		1.021	
			3	O at Stern		0.737	
1	51		3	Add 1/3 O at Stern	0.234m	0.246	
	52		3	Correct lenght		7.638	
-				SAIL AREA FOR RATING			
	53		. 17	Largest headsail [m2]	9.515	10.298	10.298
1	54		18	Mainsail (Height)	H:	10.390	10.200
İ				Mainsail (between mast and boom band)	B:	3.600	
1				1/4 main sail girth (Including rope max 35% of B)		1.260	
<u> </u>				1/2 main sail girth (Including rope max 60% of B)	 	2.160	
1	55		2	Table 19 Tab	6.5m2		29.0m2
ı	56		2	Square root of S	0.01112	5.385	29.0m2
]				DISPLACEMENT		0.000	
İ	57		13	Weight of yacht		1770	
	58		13	Pianta Andreas	.7m3	1773	
[59		13	Cubic root of D	.71115		2.0m3
			٠	RATING		1.200	
	60		2	Rating calclated according to formula			
	61		10	3x tumblehome excess (add to item 60 for final rating)		5.500	
	62		2	FINAL RATING		0.000	
Ь—				I BYOLE IVALING		5.500	

Vt-(I-N		
Yacht's Name Akvavit	Saj	MunicerSailing Result 53
This certificate is dated April 23rd. 2004, Rolle (CH)		eingetragen am
Signature	Stamp of Authority	2 9. APR. 2004



INTERNATIONAL FIVE point FIVE METRE CLASS

Evolution

Yacht's Name	Akvavit		·
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 cer	tificate (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 March 3rd. 2004, Backsia (IT) and its validity confirme 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) Guy-Roland Perrin Swiss Sailing Measurer

Item	Ruie	Measurement	Min	Actual	Max
No	No				
		HULL			
1	23	Immersion checked in salt or fresh water		fresh	
		Difference of immersion with salt water		6mm	
2 3	13	Weight of inside ballast placed atmid-ship		0.000	
	5	Beam	1.90m	1.903	
4	2	Max draft		1.350	1.350m
5	4	Freeboard at bow girth station		0.716	1
6 7	4	Freeboard at stern girth station		0.593	1 "
7	4	Freeboard at midship mark	0.560m	0.596	<u> </u>
8	4	Freeboard average (item 5+6+7)	0.628m	0.635	
9	14(iii)	Keel and ballast material (lead or iron)	5.55	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		
13	9	Round of beams (Max 7mm in 305 mm)	1 0.0	0.202	7mm
14	10	Tumblehome		0.000	733311
15		Deduct 2% of maximum beam		0.038	
16	10	Excess tumblehome (item 14-15)		0.000	
17	11	Area of deck opening		2.200	2.25m2
18	12	Cockpit forward of L1 mark	1.75m	2.390	E.EUITE
19	11	Breadth of side decks	0.350 m	0.400	
		MISCELLANEOUS	3.333 111		
37	29	Weight of anchor	11.5kg	12.0	13kg
38	29	Length of wrap	30.5 m	ok	i i ong
39	23	Top of I marks above water with yacht in racing trim	00.0111	ok	

INTERNATIONAL FIVE point FIVE METRE CLASS

Item No	Rule No	Measurement	Min	Actual	l Max
	NO.	CALLS AND DISCOURS			
20	16	SAILS AND RIGGING			
21	18	Height of sail plan above covering board level		11.100	11.100m
22	17	Service (Service) and the Coversion Division in the Coversion of the Cover	0.500m	0.710	0.850m
23	16	Height of foretriangle above covering board level (I)		8.833	8.880m
24	16	Base of foretriangle (J) (Deck black band to be checked)		2.693	2.693
25	19	Min.headsail for measurement purpose		9.515	
26	19	Spinnaker halyard above forestay		0.100	
27	19	Spinnaker halyard out from mast		0.030	
28	19	Spinnaker breadth of half foot (Max = 1.25 x J)		3.366	3.366
29	19	Storm spinnaker breadth of half foot		2.693	
30	21	Spinnaker boom length		2.693	
31	21	Mast diameter at 1/2 height of foretriangle	11.5cm	128x84	
32	21 21	Mast diameter at deck	10.9cm	128x84	† · · · · · · · · · · · · · · · · · · ·
33	21	Mast diameter at jib halyard	9.2cm	103x66	
33		Mast diameter at top	5.8cm	69x49	
	21	Forward-Aft mast profilemeasurement	125mm	130.0	
	21	Athwartsips mast profile measurement	75mm	80.0	<u> </u>
	21	Constant section from heel to min 6m		yes	
24	21	Permanent set not exceeding 50mm between marks		no	
34 36	21	I ip weight of mast (old min 40 kg)	16kg	16.0	
35	22	Boom depth		ok	15.2cm
36	22	Boom width	3.8cm	ok	10.2011
-		LENGTH FOR RATING	T		L
40	3	Overall length LOA			
41	3	Overhang Forward to L1		9.010	
42	3	Overhang Aft to L1		0.831	
43	3	Total Overhang (Substract)		0.957	
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47	3	O at Bow	0.165m	0.550	
48	3	Girth at Stern	0. 165m	0.170	
49	3	Twice vertical Heigth at Stern (Substract)		1.758	
50	3	O at Stern	<u> </u>	1.021	
51	3	Add 1/3 O at Stern	0.234m	0.737	
52	3	Correct lenght	0.234111	0.246	
		SAIL AREA FOR RATING		7.638	
53	17	Largest headsail [m2]	9.515	10.000	40.000
54	18	Mainsail (Height)			10.298
		Mainsail (between mast and boom band)	H:	10.390	
		1/4 main sail girth (Including rope max 35% of B)	B:	3.600	
		1/2 main sail girth (Including rope max 60% of B)		1.260	
55	2	Total sail area \$ (53+54)	26.5m2	2.160	20.00
56	2	Square root of S	20.51112		29.0m2
		DISPLACEMENT		5.385	
57	13	Weight of yacht		1772	
58	13	Displacement D=weight/1025.21	1.7m3	1773	2 02
59	13	Cubic root of D	1.7113		2.0m3
		RATING		1.200	
60	2	Rating calclated according to formula		E FOO	· · · · · · · · · · · · · · · · · · ·
61	10	3x tumblehome excess (add to item 60 for final rating)		5.500	
62	2	FINAL RATING		0.000	
	=			5.500	

Yacht's Name	Akvavit	Sail Number	SUI 153
This certificate is dated	March 3rd. 2004; Bruthia (17)		***************************************
Signature 6	Guy-Roland Perrin	Stamp of Authority	

Swiss Sailing Measurer Technical Commission