

Item No.	Rule No.	Measurement	Min	Actual	Max
SAILS AND RIGGING					
20	16	Height of sailplan above covering board level		11.080	11.10m
21	18	Height of boom (black band) above covering board level	0.5m	0.700	0.85m
22	17	Height of fore triangle above covering board level (I)		8.880	8.88m
23	16	Base of fore triangle (J) (Deck black band to be checked)		2.691	0.5x ² VS
24	16	Min. Headsail for measurement purposes = 0.5 x I x J x 80%		9.557	
25	19	Spinnaker halliard above forestay		10cm	10cm
26	19	Spinnaker halliard out from mast		0cm	3cm
27	19	Spinnaker, breadth of half the foot		3.363	1.25 x J
28	19	Storm spinnaker, breadth of half the foot		2.691	J
29	20	Spinnaker boom length		2.691	J
30	21	Mast diameter at 1/2 ht. of fore triangle, round mast	11.5cm		
31	21	Mast diameter at deck, round mast	10.9cm		
32	21	Mast diameter at jib halliards, round mast	9.2cm		
33	21	Mast diameter at top, round mast	5.8cm		
(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not)					
34	21	Tip weight of mast	16kgs	17.5kg	
35	22	Boom depth		12.5cm	15.2cm
36	22	Boom width	3.8cm	6.5cm	
MISCELLANEOUS					
37	29	Weight of anchor	11kg	ok	13kg
38	29	Length of warp (min. diameter 9mm)	30m	ok	
39	23	Top of I marks above water with yacht in racing trim			
LENGTH L FOR RATING					
40	3	Overall length LOA		9.050	
41	3	Bow Overhang L ₁		0.911	
42	3	Stern overhang L ₁		0.724	
43	3	Total Overhang (Item 41+42)		1.635	
44	3	Measured length L ₁ (Item 40-43)		7.415	
45	3	Girth at bow		0.728	
46	3	Twice vertical height at bow (= 0.55m)		0.550	
47	3	Bow girth difference (Item 45-46)	0.165	0.178	
48	3	Girth at stern		1.687	
49	3	Twice vertical height at stern		1.013	
50	3	Stern girth difference (Item 48-49)		0.674	
51	3	1/3 stern girth difference (50 divided by 3)	0.234	0.225	
52	3	Length L for rating formula (Item 44+47+51)		7.827	
SAIL AREA FOR RATING					
53	17	Largest headsail=0.5x <u>8.125</u> (luff)x <u>2.350</u> (perp)	Item 24	9.547	
54	18	Mainsail =0.5x <u>10.380</u> (H) x <u>3.740</u> (B)		19.411	
55	2	Total sail area S (53+54)	26.5m ²	28.958	29.0m ²
56		² VS		5.381	
DISPLACEMENT					
57	13	Weight of yacht (date when weighed) 11.5.2008		2000	
58	13	Displacement D=weight/1025 kg/m ³	1.7m ³	1.951	2.0m ³
59	13	³ VD		1.250	
RATING					
60	2	Rating calculated according to formula		5.500	
61	10	3xtumblehome excess (add to Item 60 for final rating)		0.000	
62	2	FINAL RATING		5.500	5.520m

Yacht's name:	<u>DIVA</u>	Sail number:	<u>NOR-45</u>
This certificate is dated	<u>26.6.2008</u>		
Signature:	Stamp of Authority	

INTERNATIONAL FIVE POINT FIVE METRE CLASS
 CERTIFICATE OF RATING
 EVOLUTION



I S A F

Yacht's name:	DIVA	Club:	RSF
Sail number:	NOR-45		
Designer:	HANS GROOP		
Builder:	STILL YACHTS	Building year:	1987
Owner:	Halfrid Waage, Peter Preben Prebensen & Martin Elvestad		
Owners address:	Risør, Norge		
Veritas R class certificate (number or date)		Loydd's Register of Shipping	

RATING CERTIFICATE

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

This certificate is dated 26.6.2008 Confirmed by Matti Muoniovaara, measurer FIN-0039

Valid until 26.6.2010 Signature *Matti Muoniovaara*

Supersedes
for NORWEGIAN SAILING FEDERATION

Signature _____ Stamp of Authority _____

Condition of water when marks were sighted: salt (fresh or salt)

Difference in immersion (Class Rule 23): 0.007 (metres)

Measurements or partial re-measurements by National Authority Measurer, signature and date and Item No:

Signature *Matti Muoniovaara* Date 14.05.2008 Item No Re-measurement 1-62

Item No.	Rule No.	Measurement	Min	Actual	Max
HULL					
1	23(e)	Immersion Checked in fresh/salt water			date
2	13	Weight of inside ballast placed at			
3	5	Beam	1.90m	1.970	
4	2	Max. Draft		1.350	1.35m
5	4	Freeboard at bow girth station		0.695	
6	4	Freeboard at stern girth station		0.589	
7	4	Freeboard at midship mark		0.640	
8	4	Freeboard average (Item 5+6+7)/3)	0.628m	0.641	
9	14iii	Keel and ballast materials (lead or iron)		LEAD	
10	14iv	Keel height of round at bottom	75mm	75mm	
11	14iv	Maximum section width down 1m from LWL	150mm	160mm	
12	8	Stern angle	1 in 5.5	1 in 5	
13	9	Round of beams, max 7mm in 305mm		ok	7mm
14	10	Tumblehome		0.000	
15	10	Deduct 2% of max. beam		0.039	
16	10	Excess tumblehome (Item 14-15)		-0.039	
17	11	Area of deck openings		2.200	2.25m ²
18	12	Cockpit forward of L1 mark		2.400	
19	11	Breadth of side decks	35cm	44.0cm	