

No:

2016-2

# Swiss Sailing

Fédération Suisse de la Voile  
Schweizerischer Segelverband

Autorité nationale  
Schweiz. Landesverband

La validité du certificat de jauge du Yacht  
Die Gültigkeitsdauer des Messbriefs der Yacht

Nom du Yacht:

Name der Yacht:

Dune

Série (No de course) :

Serie (Rennummer) :

5.5m SUI-218

Propriétaire:

Besitzer :

Philippe Kohli

est prolongé jusqu'au :

ist verlängert bis :

Juin 16, 2018

Le jaugeur :

Der Vermesser:

G.-R. Perrin



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

im Swiss Sailing-Register  
eingetragen am

**16. JUNI 2016**



# INTERNATIONAL FIVE point FIVE METRE CLASS

## Modern

Yacht's Name	<u>Dune</u>	Club	<u>CNNy</u>
Sail Number	<u>SUI-218</u>	Building Year	<u>2007</u>
Designer	<u>S.Schmid</u>	Design year	<u>1966</u>
Builder	<u>Ph.Kolly</u>		
Builders Address	<u>Tannay</u>		
Owner	<u>Philippe Kolly</u>		
Owner's Address	<u>1295 Tannay, Switzerland</u>		
Veritas R class certificate (Number or Date)		<u>G.R.Perrin</u>	

### RATING CERTIFICATE

ISAF nb. :

This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 5.5 m or 5.52 for classic

This certificate is dated June 07 revalidated 16.Juin.16  
 and its validity confirmed by 0 for Swiss Sailing  
 Valid until 16 Juin 18 Guy-Roland Perrin

Signature 

Stamp of Authority

Im Swiss Sailing-Register  
 eingetragen am  
**16. JUNI 2016**

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 <i>mid-ship</i>		0,000	
3	5	Beam (at half height of freeboard)	1.90m	1,910	
4	2	Max draft		1,345	1.350m
5	4	Freeboard at bow girth station		0,751	
6	4	Freeboard at stern girth station		0,523	
7	4	Freeboard at midship mark	0.560m	0,625	
8	4	Freeboard average (item 5+6+7)	0.628m	0,633	
9	14(iii)	Keel and ballast material (lead or iron)		lead	
10	14(iv)	Keel height of round at bottom		ok	
11	14(iv)	Maximum section width down to 1m below LWL	0,150	0,170	
12	14,11	Thickness of rudder			175mm
13	8	Stern angle	1 in 5.5	4,696	
14	9	Round of beams (Max 7mm in 305 mm)		5,000	7mm
15	10	Tumblehome		0,015	
16		Deduct 2% of maximum beam		0,038	
17	10	Excess tumblehome (item 14-15)			
18	11	Area of deck opening		2,036	2.25m2
19	12	Cockpit forward of L1 mark (valid till 1960)	1.75m	2,315	
20	11	Breadth of side decks	0.350 m	0,380	
<b>MISCELLANEOUS</b>					
37	29	Weight of anchor	11.5kg	12,0	13kg
38	29	Length of wrap	30.5 m	ok	
39	23	Top of I marks above water with yacht in racing trim		ok	

# INTERNATIONAL FIVE point FIVE METRE CLASS


Item No	Rule No	Measurement	Min	Actual	Max
<b>SAILS AND RIGGING</b>					
21	16	Height of sail plan above covering board level		11,100	11.100m
22	18	Height of boom (black band) above covering board level	0.500m	0,760	0.850m
23	17	Height of foretriangle above covering board level (I)		8,880	8.880m
24	16	Base of foretriangle (J) (Deck black band to be checked)		2,668	2,688
25	16	Min.headsail for measurement purpose		9,477	
26	19	Spinnaker halyard above forestay		0,090	0,100
27	19	Spinnaker halyard out from mast		0,020	0,030
28	19	Spinnaker breadth of half foot (Max = 1.25 x J)		3,335	3,335
29	19	Spinnaker boom length		2,690	
		Mast material		0,000	
	21	Forward-Aft mast profile measurement	125mm	125	
	21	Athwartsips mast profile measurement	75mm	75	
	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		0,150	152mm
36	22	Boom width	38mm	0,054	

<b>LENGTH FOR RATING</b>					
40	3	Overall length LOA		9,545	
41	3	Overhang Forward to L1		0,772	
42	3	Overhang Aft to L1		1,346	
43	3	Total Overhang (Substract)		2,118	
44	3	MEASURED LENGTH (L1 L1)		7,427	
45	3	Girth at Bow		0,714	
46	3	Twice vertical Heigth at Bow (Substract)		0,550	
47	3	O at Bow	0.165m	0,165	
48	3	Girth at Stern		1,589	
49	3	Twice vertical Heigth at Stern (Substract)		0,881	
50	3	O at Stern		0,708	
51	3	Add 1/3 O at Stern	0.234m	0,236	
52	3	Correct lenght		7,828	

<b>SAIL AREA FOR RATING</b>					
53	17	Largest headsail [m2]	9,477	10,082	10,082
54	18	Mainsail (Height)	H:	10,340	
		Mainsail (between mast and boom band)	B:	3,640	
		1/4 main sail girth (Including rope max 36% of B)		1,310	
		1/2 main sail girth (Including rope max 62% of B)		2,257	
55	2	Total sail area S (53+54)	26.5m2	28,901	29.0m2
56	2	Square root of S		5,376	

<b>DISPLACEMENT</b>					
57	13	Weight of yacht		2000	2050
58	13	Displacement D=weight/1025.21	1.7m3	1,951	2.0m3
59	13	Cubic root of D		1,250	

<b>RATING</b>					
60	2	Rating calculation according to formula		5,497	
61	10	3x tumblehome excess (add to item 60 for final rating)		0,000	
62	2	<b>FINAL RATING</b>		<b>5,497</b>	<b>5,500</b>

<b>Yacht's Name</b>	Dune	<b>Guy-Roland Perrin</b> Swiss Sailing Measurer Technical Commission	<b>Sail Number</b>	SUI-218
This certificate is dated	June 07	revalidated	Jun. 16	Im Swiss Sailing-Register eingetragen am
Signature		Stamp of Authority	<b>1 6. JUNI 2016</b>	