O K D I A

2010

MEASUREMENT FORM

INTERNATIONAL
OK DINGHY CLASS

NOTES

GENERAL

1. The builder shall pay the current building fee to the National OK Dinghy Association which shall issue a building fee receipt and ISAF plaque to the builder.
2. The owner or builder shall apply to the owner's *National Authority (NA) (or the National OK Association if the NA is not administering the class) for a sail number, enclosing the building fee receipt, and may at the same time submit the proposed name of the boat.
3. A measurement form, when completed, shall be submitted by the owner to his NA (or National OK Dinghy Association if there is no NA) together with any registration fee required by the NA.
4. The owner shall sign the owner's declaration.

TO THE MEASURER(S)

1. A measurer officially recognised by his NA shall take all the measurements on this form.
2. If the measurer feels the slightest doubt concerning the accuracy or compliance with the class rules of any part of the boat, its equipment or the sails, he shall report it on the measurement form and send it to the NA.
3. The boat shall conform to all the class rules, even if some of the rules are not mentioned on the measurement form.
4. All measurements are in millimetres unless stated otherwise.
5. The measurer shall sign the declaration on completion of measurement.

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TO THE NATIONAL AUTHORITY

1. The measurement certificate is valid only if the document has been validated with the National Authority's stamp

   The International Sailing Federation is not a National Authority (NA)

Item No.	Rule No.	Measurement	Min	Actual	Max
		WITH HULL INVERTED			
1	8.7	Base line to the intersection of the underside of hull panel			
		surfaces at:			
	8.8†	(a) Station O – transom		200	
		(b) Station 3 - 2800mm from transom measured along			
		the base line		28	
		(c) Station 1 - 800mm from transom measured along			
		the base line	85		105
		(d) Station 2 - 1800mm from transom measured along			
		the base line	0		16
		(e) 3500mm from transom measured along base line	90		110
2	8.5	With base line horizontal is transom less that 12mm out			
		of vertical?		Yes/No	
3	7†	Distance from transom, measured along base line, to			
		point where extension of straight edge of foreside of			
		stem (including keelband if any) meets base line	3705		3735
4	7†	Distance from stem, including stem band, if any, to			
		perpendicular (from base line to intersection of deck			
		and stem) measured parallel to base line at:			
		(a) 300mm below base line	140		150
		(b) 180mm below base line	265		285
5	8.4 (x)	Distance from transom to the centre of centreboard bolt,			
		measured horizontally	2390		2410
6	7†	Base line to chine at transom	237		257
7	7†	Beam between chines at transom	828		848
8	7†	Base line to sheerline at transom	433		453
9	7†	Base line to chine at Station 1	178		198
10	7†	Beam between chines at Station 1	1136		1156
11	7†	Base line to sheerline at Station 1	449		469
12	7†	Base line to chine at Station 2	164		184
13	7†	Beam between chines at Station 2	1244		1264
14	7†	Base line to sheerline at Station 2	482		502
15	7†	Base line to chine at Station 3	216		236
16	7†	Beam between chines at Station 3	816		836
17	7†	Base line to sheerline at Station 3	537		557

Item No.	Rule No.	Measurement	Min	Actual	Max
18	7†	Base line to sheerline at stem	588		608
19	7†	Base line to deck at centreline of transom	462		482
20	8.4(ix)	Radius of chines aft of Station 3			15
21	8.4.(xiii)	Keel band: width	9		22
	8.4(xiii)	Keel band: depth	3		10
22	8.4(xiii)	Radius of bow profile			11
23	8.4(xiii)	Length of keel band measured from transom measured along keelband	3500		
24	8.9	Distance from straight edge placed athwartships on			
		bottom panel at:			
	8.9	(a) Transom			15
	8.9	(b) Station 1			25
	8.9	(c) Station 2			30
	8.9	(d) Station 3			35
25	8.10	Does the curvature of the topside panel comply with rule?		Yes/No	
26	8.6	Overall length, including stem band			
		(if any), but excluding deck overlap and rudder fittings.			
		Measured horizontally	3990		4010
27	7†	Beam measured to the sheerline at:			
	7†	(a) Transom	898		918
	7†	(b) Station 1	1228		1248
	7†	(c) Station 2	1408		1428
	7†	(d) Station 3	1150		1170
		WITH BOAT RIGHT WAY UP			
28	8(4)(i)	Transom to forward side of aft bulkhead	785		815
29		Transom to aft side of bulkhead at forward end of			
		Cockpit	1779		1809
30	8.4(viii) †	Width of sheerguard, measured horizontally from sheerline			35
31	8.4(viii) †	Depth of sheerguard, measured vertically from sheerline			35
32	8(4)(iv) †	Total width of sidedeck assembly, excluding sheerguard	120		240
33	8(4)(v) †	Height of side deck assembly above line joining sheerlines			

Item No.	Rule No.	Measurement	Min	Actual	Max
		on opposite sides of the hull			40
34	8.4v †	Depth of side deck assembly below line joining sheerlines			
		on opposite sides of the hull			80
35	8.4xv	Do hiking pads, if fitted, comply with the rule?		Yes/No	
36	8.4vii	Height of continuation of centreline of deck above			
		sheerline at centre of mast	20		40
37	8.4vii	Do the decks comply with the rule?		Yes/No	
38	8.4xvi	Is a towing eye fitted correctly?		Yes/No	
39	6.1	Are the sail numbers and national letters cut or burned into the hog or centreboard case or bulkhead at Station 2 on centreline in figures of not less than 20mm?		Yes/No	
40	3.4	Is an ISAF plaque fitted in accordance with rule 3.4?		Yes/No	
		BUOYANCY			
41	8 & 9	Do the buoyancy arrangements comply with rules 8 & 9?		Yes/No	
	14	**WEIGHT (Measurers are advised to check Rule 14)**			
42	14.1.	Weight of hull including all correctors	72kg		
43	14.2	Weight of correctors at station 2 bulkhead			5kg
44	14.3	Weight of correctors under deck at: Bow Transom			

OK Dinghy Sail No ..... Building fee receipt / Plaque No. .....

Builder's Name: .....

Builder's Address: .....

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Date Built: ..... † Refer Measurement Diagram

Item No.	Rule No.	Measurement	Min	Actual	Max
		CENTREBOARD			
	10	Does the Centreboard comply with Rule 10		Yes/No	
45	10.2	Maximum thickness of centreboard:			
		(a) If of wood			20
		(b) If of metal			6
46	10.3	Excluding any pivot slot, does centreboard conform to			
		the profile shown on measurement diagram with tolerance			
		of ± 5mm?		Yes/No	
47	10.3	Width of slot			12
48	10.3	Movement of centreboard on pivot bolt			2
49	10.5	Maximum extension of centreboard below keel			800
		RUDDER			
	11	Does the Rudder comply with Rule 11		Yes/No	
50	11.2	Maximum thickness of rudder blade at any point below			
		the line drawn at right angles to the leading edge above			
		the angle			20
51	11.3	Does rudder conform to the profile shown on measurement			
		diagram, with tolerance of ± 5mm?		Yes/No	
52	11.5	Distance from foreside of rudder to transom at deck			45
53	11.5	Distance from transom to foreside of rudder at keel			45
54	11.5	Difference between item 54 and item 55			5
55	11.6	Is a safety device fitted so that the rudder cannot fall			
		off when boat is inverted?		Yes/No	

Builder

Builder's Name: .....

Builder's Address: .....

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Date Built: ..... † Refer Measurement Diagram

Item No.	Rule No.	Measurement	Min	Actual	Max
		MAST			
	12	Does the Mast comply with Rule 12		Yes/No	
56	12.4	**Lower Point Height** above **Mast Datum Point**	265		275
57	12.7i	Maximum movement of the mast at deck or			7
		heel, including bearings			
58	12.7ii	Is an effective securing device fitted?		Yes/No	
59	12.4	**Upper Point Height** above **Lower Point**			5400
60	12.4	Diameter of mast, including bearing ring, 20mm above **Heel Point**	70		76
61	12.4	Diameter of mast at deck, including bearing ring	94		98
62	12.4	**Mast Spar Curvature**			50
		Transverse Cross Section			
	12.4	**Heel point** to 1000mm above **mast datum point**	62		
	12.4	From 1000m above **mast datum point** to **upper point** *Minus 1 for every 100* - Does it comply		Yes/No	
		FORE-AND-AFT Cross Section			
	12.4	From **heel point** to **upper point** maximum dimension is given by the actual transverse width at the same height			*Plus 22*
63	12.5	Weight of mast including all fixed fittings & correctors. (excluding the boom bolt)	8.0kg		
64	12.5	Weight of correctors, if any			1.5kg
		Location of correctors fixed to external surface of the spar			
65	12.4	Centre of gravity of mast above **mast datum point**	1700		
		Fittings			
	12.3	Width of fork	32		40
	12.3	Pin hole diameter	14		18
	12.3	Position of pin hole			
		a) From aft face of mast	35		39
		b) Below **lower point**	33		37

Builder

Builder's Name: .....

Builder's Address: .....

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Date Built: ..... † Refer Measurement Diagram

Item No.	Rule No.	Measurement	Min	Actual	Max
		BOOM			
	13	Does the Boom comply with Rule 13		Yes/No	
66	13.4	Depth of boom, including sail track	50		90
	13.4	Width of boom			37
67	13.2	Distance of **Outer Limit Mark** to aft edge of the **mast spar**			2680
		(aft edge of mast sail track, extended if necessary)			
	13.2	Is a stop device fitted?		Yes/No	

Builder

Builder's Name: .....

Builder's Address: .....

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Date Built: ..... † Refer Measurement Diagram

Item No.	Rule No.	Measurement	Min	Actual	Max
		SAIL			
68	15	Does construction comply with rule 15?		Yes/No	
69	15.3	Leech length			5425
		Half width			1675
		Three-quarter width			1040
		Top width			160
		Primary reinforcement			350
		Secondary reinforcement			
		from corner measurement poimts			1050
		for flutter patches			120
		for batten pocket patches			175
		Tabling width on luff and foot			60
		elsewhere			35
		Window area			0.28m2
		Shortest distance of window to edge of sail	150		
		Greatest distance of headboard from head point			160
		Batten pocket length			
		uppermost and lowermost, inside			585
		outside			605
		intermediate, inside			735
		outside			755
		Batten pocket width			
		inside			60
		Head point to intersection of leech and centreline of uppermost batten pocket	1000		1200
		Clew point to intersection of leech and centreline of lowermost batten pocket	1000		1200
70	15.4	Do class insignia, national letters and sail numbers comply with rule 15(4)and RRS?		Yes/No	

Builder

Builder's Name: .....

Builder's Address: .....

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Date Built: ..... † Refer Measurement Diagram

MEASURER'S DECLARATION – for a new boat

OK Dinghy Sail No ..... Building fee receipt / Plaque No. .....

Measurer's comments (if any)

To be signed by the measurer(s) (see Notes)

I certify that I have taken the measurements on this form for the items stated and that, to the best of my knowledge;

(a) the boat is in accordance with the Class Rules and Measurement Form,

(b) there has been no departure from the intended nature and design of the boat except as I have stated above.

Measurer 1

Item numbers measured: .....

Name: ..... (BLOCK CAPITALS) Date:.....

Address:.....

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Signature: ..... Officially recognised by: .....
(NATIONAL AUTHORITY)

Measurer 2

Item numbers measured: .....

Name: ..... (BLOCK CAPITALS) Date:.....

Address:.....

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Signature: ..... Officially recognised by: .....
(NATIONAL AUTHORITY)

BUILDER'S DECLARATION

To be completed by the Builder(s):

Builder 1

Builder's Name: .....

Builder's Address: .....

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Date Built: .....

Building fee receipt No: .....

To be signed by the builder(s):

Builder 1

I certify that this boat has been built in accordance with the Class Rules and Measurement Form.

Builder's Signature: .....

Date: .....

To be completed by the Builder(s):

Builder 2

Builder's Name: .....

Builder's Address: .....

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Date Built: .....

Building fee receipt No: .....

To be signed by the builder(s):

I certify that this boat has been built in accordance with the Class Rules and Measurement Form.

Builder 32

Builder's Signature: .....

Date: .....

OWNER'S DECLARATION

Owner's Name: .....

Owner's Address: .....

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Owner's Club: .....

To be signed by the first owner:

I undertake to race this International OK Dinghy only so long as I maintain it in conformity with the Class Rules. I also undertake that the weight correctors (if any) will not be altered or removed except when done in conjunction with an official re-weighing and that only sails, spars etc, which have been measured and found to be in accordance with the rules, will be used.

Signature: ..... Date: .....

[*] The International Sailing Federation is not a National Authority (NA)
[†] Refer Measurement Diagram