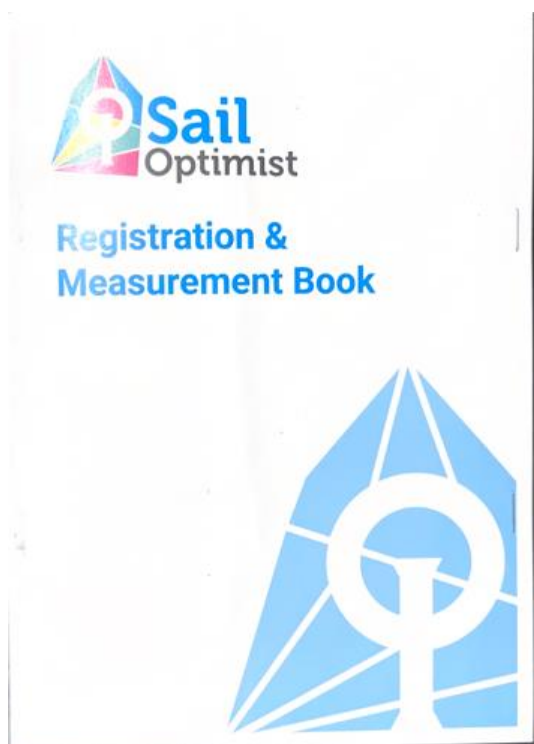


# What is an Optimist?

There are a number of criteria that your "Optimist" has to meet in order to be an official Optimist Class Dinghy. For the purposes of being prepared for a major National or International event please see the checklist below. This is not an exhaustive list but highlights the important forms you need to have up to date and some of the common equipment rules often spot checked on the water at International events. If you have any questions or queries with regards to your own equipment please contact a National Measurer to clarify.

## 1. Registration & Measurement Booklet

This is your boat's birth cert detailing the builder and mould serial numbers used to build your boat which have been ratified by IODA. This will need to be presented to Irish Sailing in order to register your boat and obtain an IRL sail number.



## 2. Measurement Record of Equipment Used with Optimist

Attached to this form will be your Measurement Record which lists all of the equipment measured by a class measurer to be used with your boat. It is important to ensure that the measurer updates this form as and when you get new equipment measured for your boat.

Each item of equipment measured, including **all spars, foils and sails**, must have it's own measurement form completed in order to be used at a championship event.

Measurement Record of Equipment Used with OPTIMIST

Sail Number:  
 Plaque Number:  
 Identification Number:

Notes: Individual certificates for each item of equipment shall be produced on demand.  
 Buoyancy test may be witnessed by any club or class officer.

	Sail	Mast	Boom	Spril	Rudder	Dagger	Buoyancy
Serial Number	20721	MK3 141304	139055	MK3F 713358	Z01 601112	50153 502	
Date	10/3/24	10/3/2024	10/3/24	10/3/24	10/3/24	10/3/24	10/3/24
Measurer's Initials	PSR	PSR	PSR	PSR	PSR	PSR	PSR
Serial Number							
Date							
Measurer's Initials							
Serial Number							
Date							
Measurer's Initials							
Serial Number							
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Serial Number							
Date							
Measurer's Initials							

Measurement Record of Equipment Used with OPTIMIST

Notes: Individual certificates for each item of equipment shall be produced on demand.  
 Buoyancy test may be witnessed by any club or class officer.

**BUOYANCY TESTS**  
 Buoyancy tests must be conducted at not more than twelve month intervals by a measurer or experienced club officer. For the correct method of conducting a buoyancy test see CII 3.2.7 available on webpage: [www.optimist.org/optimist.pdf](http://www.optimist.org/optimist.pdf)

**NOTE TO MEASURERS:**  
 MEASUREMENT FORMS, allowing items to be measured, can be downloaded from website: [www.optimist.org/measure.htm](http://www.optimist.org/measure.htm)

If any foil which has been measured is later used separately from the hull, the original measurement form should be attached and signed over the foil.

If you need to have new data measured, you can be downloaded from webpage: [www.optimist.org/measure.htm](http://www.optimist.org/measure.htm)

NOTE TO MEASURERS:  
 MEASUREMENT FORMS, allowing items to be measured, can be downloaded from website: [www.optimist.org/measure.htm](http://www.optimist.org/measure.htm)

Maker and Identification Number:  
 S/N 1683 002

Signature of Measurer:  
 Date: 10/3/2024

Signature of Measurer:  
 Date: 10/3/2024

Stamp (if used):

Stamp (if used):

Signature of Measurer:  
 Date: 10/3/2024

Signature of Measurer:  
 Date: 10/3/2024

Stamp (if used):

Stamp (if used):

### 3. Sail Measurement Form

Each sail must have it's own completed measurement form. The first page details the technical measurements of the sail and is sometimes completed by the sailmaker if they have a local measurer. The second page details the national letters and sail numbers. Please note that if you change the sail numbers they must be remeasured by a class measurer.

**Sail Measurement Form**  
INTERNATIONAL OPTIMIST CLASS

Sailmaker's name: Amit Sails Date measured: 10/03/2024  
Sail number: 30714  
Owner's Name: Kate Spain Paddy Ryan

ITEM	Dimension ref. (in per rule 4.1.1)	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Head length		1215	1240
2	6	Luff length		1321	1330
3	6	Upper edge of luff measurement band to throat patch		543	550
4	6	Length of luff measurement band	50	50	
5	7	Width of luff measurement band	5	6	
6	3	Diagonal	2450	2530	2580
7	1	Leech length		1331	1340
8	22	Peak point to intersection of leech and lower corner of uppermost bottom pocket	1890	1951	1960
9	21	Peak point to intersection of leech and lower corner of uppermost bottom pocket	900	935	1000
10	25	Deviation from straight line between lower corner of lower bottom pocket and clew point	-10	+1	5
11	24	Deviation from straight line between lower edge of the bottom pocket and upper edge of lower bottom pocket	-10	+3	5
12	26	Deviation from straight line between the lower corner of the upper bottom pocket and clew point	-5	+13	20
13	23	Deviation from straight line between peak point and upper corner of upper bottom pocket	-10	+2	5
14		Half luff point to half leech point		1687	
15	4	Item 14 plus positive value of any negative deviation in Item 11		1686	1700
16	16	Upper bottom pocket length (outside)		490	490
17	16	Lower bottom pocket length (outside)		580	580
17	20	Bottom pocket width (outside)		40	40
18	14	Flutter patches		152	152
18	11	Primary reinforcements from corner measurement points		200	200
20	12	Secondary reinforcements from corner measurement points		618	618
21	13	Bottom pocket patches at inner end of each bottom pocket		150	150
22	15	Tacking width		42	42
23	18	Stem width		18	18
24	10	Thickness of woven ply anywhere in the body of the sail	0.15	0.12	
25	17	Trapezoidal window opening area	150	0.054	61 m2
26	18	Shortest distance from window to any edge of sail			
27	27	Space between luff eyelets	230		260
28	28	Space between foot eyelets	270		300

Measurer's signature: Paddy Ryan Date: 10/3/24 Measurer recognized by: Jack Sully

**Sail Measurement Form**  
National Letters and Sail Numbers

SAIL NUMBER: 1RL1678

ITEM	Dimension ref. (in per rule 4.1.1)	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Height	230	230	240
2	2	Width (lowest "I" or "T")	160	160	150
3	3	Width for M and W	160	160	170
4	4	Thickness	30	30	40
5	5	Space between adjoining numbers or letters	40	40	50
6	6	Space between rows of numbers or letters	40	40	50
7	7	Space between the national letter groups on opposite sides of the sail	100	121	150
8	8	Distance between the luff and the closest letter or number in each row	150	155	
9	9	Distance between lower edge of uppermost bottom pocket and the national letter which is closest to the leech	40	46	50
10	RWS Q1.201	Minimum space between characters and edge of sail (leech)	45	46	

Measurer's Name (IN BLOCK CAPITALS): Paddy Ryan Date: 10/3/24 Measurer recognized by: Jack Sully

**Second Measurement**  
If the sail letters/number is changed

SAIL NUMBER: 1RL1678

Owner's Name: Kate Spain Paddy Ryan

ITEM	Dimension ref. (in per rule 4.1.1)	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Height	230	All OK / Not OK	240
2	2	Width (lowest "I" or "T")	150	All OK / Not OK	160
3	3	Width for M and W	160	All OK / Not OK	170
4	4	Thickness	30	All OK / Not OK	40
5	5	Space between adjoining numbers or letters	40	All OK / Not OK	50
6	6	Space between rows of numbers or letters	40	All OK / Not OK	50
7	7	Space between the national letter groups on opposite sides of the sail	100		150
8	8	Distance between the luff and the closest letter or number in each row	150		
9	9	Distance between lower edge of uppermost bottom pocket and the national letter which is closest to the leech	40		50
10	RWS Q1.201	Minimum space between characters and edge of sail (leech)	45	All OK / Not OK	

Measurer's Name (IN BLOCK CAPITALS): Paddy Ryan Date: 10/3/24 Measurer recognized by: Jack Sully

### Other Class rules to be aware of that may be spot checked:

- A buoyancy test must be signed off at least once every 12 months by a class measurer.
- Painter must be 8m or longer and of a material not less than 6mm in diameter and must float. There are no knots allowed in the length of the painter except a loop at the end.
- You must have a paddle, bailer and mast retention system (mast clamp) securely attached to your boat.
- Bailers, paddles etc must be tied directly to the boat. They may not be tied to toestraps or the bungee cord used for retaining the daggerboard etc.
- Your daggerboard must be attached to the boat.
- The maximum distance between the sail and the mast and boom at each sail tie is 10mm.
- The maximum distance between the boom and the attachment point of the mainsheet block on the boom bridle is 100mm.