

INTERNATIONAL SWAN 45 CLASS ASSOCIATION



The following amendments to the Class Rules have been approved to be effective 21 August 2017:

1 Current Rule:

C.1.1 RULES

- (e) Lifelines shall be of uncoated stranded stainless steel wire (Grade 316) with a minimum diameter of 5mm. A taut lanyard of synthetic rope may be used to secure lifelines provided the gap it closes does not exceed 100mm. This lanyard shall be replaced annually at a minimum.

Amended Rule:

C.1.1 RULES

- (e) Lifelines shall be of uncoated stranded stainless steel wire (Grade 316) with a minimum diameter of 5mm. A taut lanyard of synthetic rope may be used to secure lifelines provided the gap it closes does not exceed 100mm. This lanyard shall be replaced annually at a minimum. Lifelines across the transom may be of any material meeting the requirements of OSR 3.14.6 for the required category.

2 Current Rule:

C.9.1 MODIFICATIONS, MAINTENANCE AND REPAIR

- (a) **Keel** and **Rudder** fairing and painting is permitted without new **certification control** and re-**certification** provided that the minimum dimensions detailed by Appendices 2 and 3 are met.
- (b) The class manager shall be informed before starting any work on the appendages that is likely result in:
 - (i) adding or removing more than 5kg of keel material
 - (ii) adding or removing any rudder blade laminate

Amended Rule:

C.9.1 MODIFICATIONS, MAINTENANCE AND REPAIR

- (a) **Keel** and **Rudder** painting and fairing, and painting correct imperfections is permitted without new **certification control** and re-

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certification provided that the minimum **and maximum** dimensions detailed by Appendices 2 and 3 are met.

- (b) The class manager shall be informed before starting any work on the appendages that is likely result in:
 - (i) adding or removing more than **2** kg of keel material
 - (ii) adding or removing any rudder blade laminate

3 Current Rule:

D.2.2 CONSTRUCTION

- (a) The hull deck and bulkheads shall be built In accordance with the construction drawings.

Amended Rule:

D.2.2 CONSTRUCTION

- (a) The hull deck and bulkheads shall be built In accordance with the construction drawings.
- (b) **Alternative deck materials to teak may be permitted with the permission of the Class Manager. The minimum weight of any alternative material shall be 7.5kg/m².**

4 Current Rule:

E.1.5 DIMENSIONS

- ~~(a) Keel and rudder shapes may be checked at any time by an official measurer. No dimension shall be less than shown by Appendices 2 and 3.~~
- (b) The keel and rudder shall be located as shown by Appendices 2 and 3. The builder shall record the keel position on the certification control form.
- (c) Maximum keel draft, as shown by Appendix 2 shall be recorded on the certification control form by the builder.

Amended Rule:

E.1.5 DIMENSIONS

- (a) **Keel shapes may be checked at any time by an official measurer. No dimension shall be less than the minimum or greater than the maximum given in Appendix 2.**
- (b) **Rudder shapes may be checked at any time by an official measurer. No dimension shall be less than shown by Appendix 3.**

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- (c) The keel and rudder shall be located as shown by Appendices 2 and 3. The builder shall record the keel position on the certification control form.
- (d) Maximum keel draft, as shown by Appendix 2 shall be recorded on the certification control form by the builder.

5 Current Rule

Table Of Keel Offsets

~~Chords and half breadths in millimetres.~~
~~Chord lengths and chord sections are minima.~~

Section	Chord Length	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
-670 WL	1010	001	011	027	049	067	074	076	071	061	044
-1420 WL	973	001	011	026	047	064	072	073	069	059	042
-2170 WL	935	001	010	025	045	062	069	070	066	057	041
-2427 WL	1327	000	051	093	126	147	157	155	142	115	073
-2627 WL	1700	000	077	137	179	205	215	209	189	151	092

Amended Rule

Chords and half breadths in millimetres.

Minimum Chord Lengths and Chord Sections

Section	Chord Length	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
-670 WL	1010	001	011	027	049	067	074	076	071	061	044
-1420 WL	973	001	011	026	047	064	072	073	069	059	042
-2170 WL	935	001	010	025	045	062	069	070	066	057	041
-2427 WL	1327	000	051	093	126	147	157	155	142	115	073
-2627 WL	1700	000	077	137	179	205	215	209	189	151	092

Maximum Chord Lengths and Chord Sections

Section	Chord Length	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
-670 WL	1018	004	015	031	053	071	078	079	074	064	046
-1420 WL	976	004	015	029	051	068	075	076	072	062	045
-2170 WL	938	004	014	028	049	065	072	073	069	059	043