



# SILVER WING SAILING CLUB

## Calculation of racing divisions

### 1. Overview

- 1.1. Helms who race at Silverwing SC are seeded into three divisions, A, B & C.
- 1.2. The primary purpose is to provide competitive racing for helms in the middle and at the back of the fleet. By seeding them they have smaller 'sub fleets' to race against.
- 1.3. It is not expressly intended that they work like leagues, with the aim being to move up or avoid moving down. However, if this provides a competitive element for some helms then that is seen as a bonus.
- 1.4. The sailing committee will seed helms in divisions most appropriate to their skill level, and will move helms up or down as appropriate.
- 1.5. A helm is only allocated to one division, not matter how many boats they sail. This differs from the Personal Handicap Pursuit Series where a helm has a handicap number for each of their boats.
- 1.6. Crews are not seeded.

### 2. Prizes

- 2.1. The overall prize in each club season (Winter, Spring, Summer, Tuesday Evening, Autumn and Sprints) is awarded to the winning helm regardless of the division they are in.
- 2.2. Trophies for each of the above series are also awarded to the first Division B and Division C helm. A helm in these divisions may win both the division prize and the overall prize. Should the winning helm in a lower division finish ahead of the winning helm in a higher division, both trophies will still be awarded to the respective helms.
- 2.3. The above also applies to the Club Championships, and any other events as detailed in the relevant Notice of Race.
- 2.4. The Personal Handicap Pursuit Series only has an overall prize. The handicapping system used in this series eliminates the need for divisions.

### 3. Initial Seeding of Helms

- 3.1. When a new helm starts racing at Silverwing the committee will allocate them a division. This is based on a subjective appraisal of their performance in the initial races they sail. If this initial estimate is obviously incorrect it will be changed as appropriate.

### 4. Review of Divisions

- 4.1. Divisions are reviewed once a year at the sailing year end, when both the overall year results and all the series results are known.
- 4.2. If however there is obviously a large error then a change will be made during the course of the year. This usually applies to the initial seeding of new helms. The change may be applied retrospectively to the current series (and will be retrospective for the Sprint Series as that runs for the course of the whole year).

### 5. Size of each division

- 5.1. It is intended to spread the active racing helms evenly across each division. However, any helm who races is allocated a division. This leads to lowest division - C - being populated with more sailors than either of the higher two. This simply reflects the fact that many of the C division helms only sail a couple of races each year.

### 6. Review of Divisions - Moving helms up

- 6.1. The overall year winner of divisions B and C will automatically move up a division.
- 6.2. If a helm has won the division prize for multiple individual series the committee will consider moving them up.
- 6.3. The comparison of points and average score positions - see Appendix - will be used to determine any other anomalies. The committee will then decide if they need to move.

### 7. Review of divisions - moving helms down

- 7.1. This is somewhat more subjective as there will be no such thing as a last place, helms who do not complete the required number of races will count DNC points for some of these scores. DNC is 'number of entrants in entire series (the whole year) +1'. As a result the comparison of points and average scores - see Appendix - is used.

### **Appendix - comparison of points and average score.**

The points score for the entire year is calculated using the best scores for each helm equal to  $\frac{1}{4}$  of all races sailed. This is how we award the overall Band C prizes.

As noted above, this is not that useful for moving helms down. Detailed below is for 2020, where a relatively small number of races were sailed - 68, giving the best 17 to count. Usually we sail around 150 races.

The average points score for each helm is then calculated. This is average of the best of a smaller number of scores. Small enough to give include a sensible number of sailors, but large enough to be statistically meaningful.

In this case it is the best 10 scores. In a normal year this number will be higher. Any helm who sails less than this number obviously cannot be looked at using this method. In this event an educated guess is made.

The average points are weighted to reduce the effect of different numbers of boats in each race.

See table next page.

- Master Mate (B to A) and Brian (C to B) automatically go up.
- If Statler has won multiple C division trophies he would be considered to go up to B as well.
- If a helm did not qualify, but stood out with a very good average score, they would go up. There were no examples like this in 2020.
  
- Based on his overall and average scores Dougal would go down from A to B
- Dillon did not qualify, so his overall score is meaningless. His average score however suggests he goes down to B.
- Dibble did not qualify, so his overall score looks poor. His average score is good, so he would stay in A.
- Beaker again did not qualify, but his average score suggests he would move down from B to C.

As this may end up in 'race info' section the website I gave everyone random aliases.

Can you guess who you are? Hint - those are the actual overall positions for the 2020 year.

I took care to ensure none of the ladies ended up as Miss Piggy!

Overall scores. Sum of best 17 races. However all helms with 10 or more races are detailed. Qualify Yes/No is 17 races						Average scores. Average of best 10 races. Only those with 10 or more races are detailed. Qualify Yes/No, as before, is 17 races					
	Helm	Division	No. Sailed	Qualify Yes/No	Score PTS		Helm	Division	No. Sailed	Qualify Yes/No	Average Score
1	Captain Flack	A	49	Yes	17.00		Captain Flack	A	49	Yes	1.17
2	Pugh1	A	48	Yes	17.00		Pugh2	A	42	Yes	1.51
3	Pugh2	A	42	Yes	22.00		Pugh1	A	48	Yes	1.73
4	Barney McGrew	A	35	Yes	41.00		Barney McGrew	A	35	Yes	2.50
5	Cuthbert	A	34	Yes	46.00		Cuthbert	A	34	Yes	3.04
6	Bagpuss	A	41	Yes	59.00		<b>Dibble</b>	<b>A</b>	<b>14</b>	<b>No</b>	<b>4.20</b>
7	<b>Master Mate</b>	<b>B</b>	<b>34</b>	<b>Yes</b>	<b>67.00</b>		Grubb	A	36	Yes	4.35
8	Grubb	A	36	Yes	68.00		Bagpuss	A	41	Yes	4.60
9	Professor Yaffle	A	29	Yes	71.00		Professor Yaffle	A	29	Yes	4.95
10	Barnabas	A	19	Yes	78.4		Captin Pugwash	A	20	Yes	5.50
11	<b>Dougal</b>	<b>A</b>	<b>17</b>	<b>Yes</b>	<b>95.63</b>		<b>Master Mate</b>	<b>B</b>	<b>34</b>	<b>Yes</b>	<b>5.96</b>
12	Captin Pugwash	A	20	Yes	100.65		Barnabas	A	19	Yes	6.23
13	Cut Throat Jake	A	23	Yes	107.1		Willy	A	11	No	6.96
14	Zebedee	B	33	Yes	107.27		Tom the Cabin Boy	A	17	Yes	7.08
15	Ermintrude	B	37	Yes	109.00		Cut Throat Jake	A	23	Yes	7.11
16	Florence	B	39	Yes	119.19		<b>Dillon</b>	<b>A</b>	<b>16</b>	<b>No</b>	<b>8.09</b>
17	Miss Piggy	C	50	Yes	139.00		Ermintrude	B	37	Yes	8.21
18	<b>Brian</b>	<b>C</b>	<b>26</b>	<b>Yes</b>	<b>143.78</b>		<b>Dougal</b>	<b>A</b>	<b>17</b>	<b>Yes</b>	<b>8.41</b>
19	<b>Statler</b>	<b>C</b>	<b>42</b>	<b>Yes</b>	<b>144.00</b>		Zebedee	B	33	Yes	9.26
20	Bunsen	C	27	Yes	157.00		Florence	B	39	Yes	9.58
21	Tom the Cabin Boy	A	17	Yes	157.17		<b>Brian</b>	<b>C</b>	<b>26</b>	<b>Yes</b>	<b>10.43</b>
22	Fozzy	B	20	Yes	160.00		Waldorf	B	13	No	10.63
23	Scooter	B	26	Yes	169.00		<b>Statler</b>	<b>C</b>	<b>42</b>	<b>Yes</b>	<b>10.84</b>
24	<b>Dillon</b>	<b>A</b>	<b>16</b>	<b>No</b>	<b>157.13</b>		Fozzy	B	20	Yes	11.46
25	<b>Dibble</b>	<b>A</b>	<b>14</b>	<b>No</b>	<b>233.00</b>		Scooter	B	26	Yes	11.91
26	Swedish Chef	C	15	No	313.00		Miss Piggy	C	50	Yes	12.01
27	Waldorf	B	13	No	340.00		Kermit	C	14	No	13.07
28	<b>Beaker</b>	<b>B</b>	<b>13</b>	<b>No</b>	<b>341.08</b>		Bunsen	C	27	Yes	15.97
29	Kermit	C	14	No	326.00		<b>Beaker</b>	<b>B</b>	<b>13</b>	<b>No</b>	<b>16.66</b>
30	Willy	A	11	No	394.00		Swedish Chef	C	15	No	16.70
31	Animal	C	12	No	477.40		Animal	C	12	No	19.00