

## **Lough Neagh Sailing Club Handicap Scheme**

1. The scheme for generating handicaps for yacht racing at Lough Neagh Sailing Club shall be known as the Lough Neagh Sailing Club Handicap Scheme (LNSCHS).
2. Any boat requesting to sail in LNSC organised events will be given a Club Standard Handicap, either taken from the 2006 ISA ECHO list, or calculated from a similar published scheme
3. The handicap for yachts will be revised monthly, and the latest revisions published on the LNSC website. The calculations used for each handicap revision will be made available to members upon written request.
4. The revised handicap for any boat will be calculated as the average of its effective handicaps over the previous month. Since the number of races scheduled will vary by month, similarly the number of races included in the next handicap calculation will be variable.
5. Handicap calculations for all closed LNSC events will be based against a standard boat for each class. Until further notice, the standard boats will be Free Expression (Spinnaker Class) and Me Oul Segocia (Whitesail Class).
6. A boat may switch class mid-month for a new series or cup race subject to a spinnaker allowance of 0.020 being added or deducted from their current Club handicap.
7. For LNSC closed cup races, boats in the Spinnaker Class shall sail off the Club Standard Handicap; boats in the Whitesail Class shall sail off their current Club Handicap. LNSC open events will continue to use the 2006 ISA ECHO list with handicaps for missing boats agreed with the handicappers of the relevant club.
8. For each race that a boat competes in, it will be given an effective handicap, relative to the elapsed time of the standard boat of its class. Where the standard boat does not compete, the effective handicap will be calculated relative to the average elapsed time for all competing boats in its class.
9. If a boat switches classes for a LNSC closed cup race, it's effective handicap for its regular class shall be calculated relative to the standard boat (or class average) in the fleet in which it has sailed, with the necessary 0.020 spinnaker allowance then being added or deducted. This allows cup race data to be used in handicap calculations.
10. Where a boat does not start, or fails to finish a scheduled race, it will be awarded its current Club Handicap as the effective handicap for that race.
11. If a race is cancelled, either before, or after it has been started, all boats will be awarded their current Club Handicap as their effective handicap for that race.

12. To reduce the effect of rogue races on handicap calculations, the effective handicap for any boat in a given race will be subject to the following upper and lower limits.

<b>Class</b>	<b>Upper Limit</b>	<b>Lower Limit</b>
Spinnaker	LNSC Standard Handicap * 1.100	(LNSC Std H'cap * 0.950) * 0.900
Whitesail Crewed	LNSC Standard Handicap * 1.100	(LNSC Std H'cap - 0.020) * 0.925 * 0.900
Whitesail Singlehanded	LNSC Standard Handicap * 1.100	(LNSC Std H'cap - 0.020) * 0.900 * 0.900

e.g. If a boat has a standard handicap of 0.850, and is sailing in the Whitesail Class with a crew, the effective handicap will not be outside the range 0.691 - 0.935

$$\text{Lower limit} - (0.850 - 0.020) * 0.925 * 0.900 = 0.691$$

$$\text{Upper limit} - 0.850 * 1.100 = 0.935$$

13. The revised handicap for any boat will be subject to the following limits

<b>Class</b>	<b>Upper Limit</b>	<b>Lower Limit</b>
Spinnaker	LNSC Standard Handicap * 1.100	LNSC Standard Handicap * 0.950
Whitesail Crewed	LNSC Standard Handicap * 1.100	(LNSC Standard Handicap - 0.020) * 0.925
Whitesail Singlehanded	LNSC Standard Handicap * 1.100	(LNSC Standard Handicap - 0.020) * 0.900