



2016 Racing Handicaps

IRC: Fergus O'Kelly

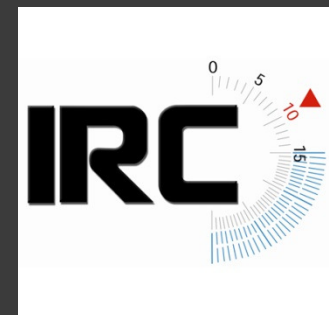
ECHO / HPH: John Deane



Understanding IRC

Howth Yacht Club 18th Feb 2016.

Fergus O'Kelly
IRC Measurer.



What is IRC? – One-design racing for Keelboats!

Almost.

IRC attempts to equalise boats of a similar performance and is based on time only.

Sigma 33 TCC = 0.913

First 32s5 TCC = 0.911

OR

Elan 333 TCC = 0.971

X332 TCC = 0.976

BUT...

Understanding IRC!!!!



- Dibley 8m: 26ft 1200kg
TCC = 1.032



- Bavaria 44: 45ft 9600kg
TCC = 1.034

OPTIMISING FOR IRC

- Get an Endorsed IRC certificate.
- Get your sails re-measured.
- Check your black bands.
- Weighing and overhangs.
- Different sail configuration.
- Trial certs.
- Customisation.

- Some common sense:
 - Crew weight can be up to 25% of overall weight. Use it wisely.
 - Full fuel and water tanks don't help. Half full tanks are nearly as bad.
 - A clean bottom does help.
 - The difference between 0.935 and 0.940 is.....
18 seconds per hour or about 5 boat lengths.

WHAT YOU DO ON WATER MATTERS....



Apparently these guys are racing.....

QUESTIONS?

Fergus O'Kelly

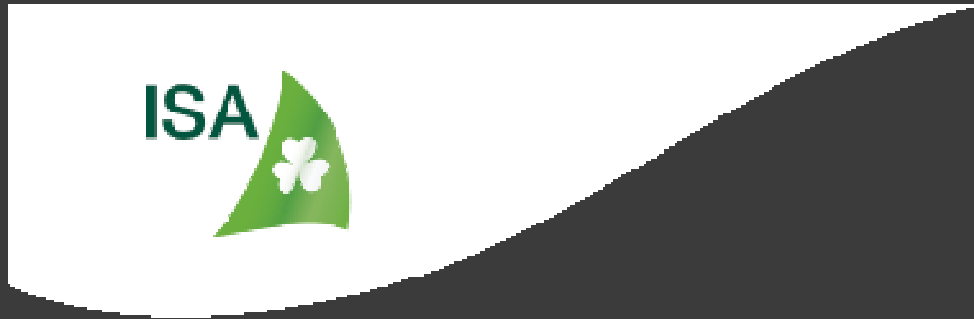
Ph: 086 255 0992

Email: fergusjokelly@gmail.com

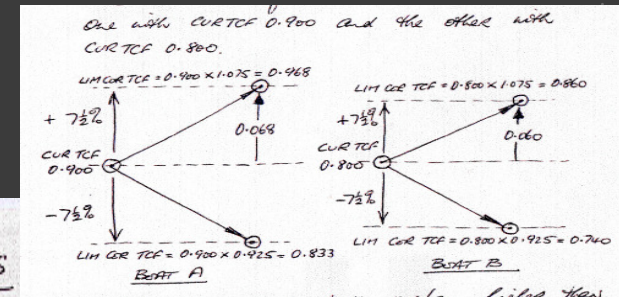
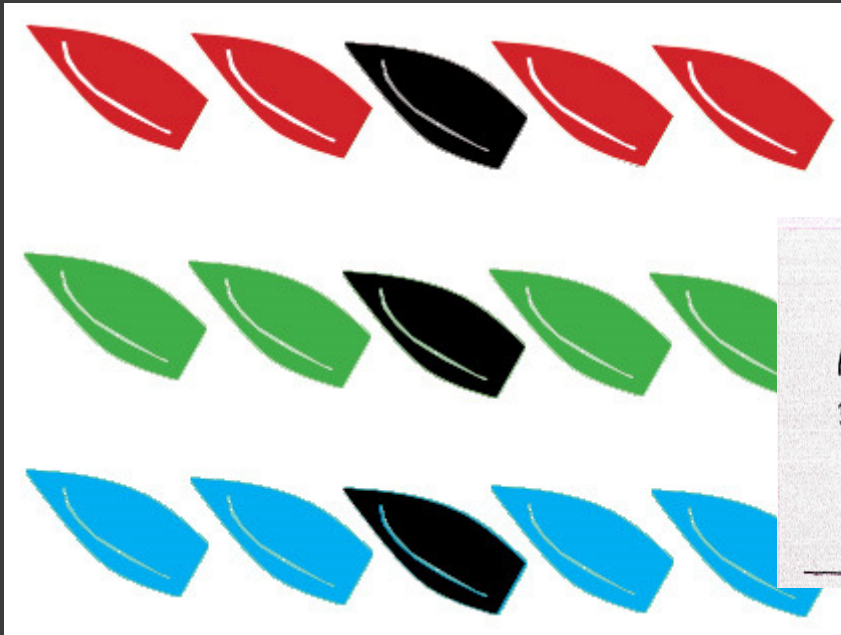
Web: www.fergusokelly.com

Enjoy your racing.

ECHO / HPH: John Deane



ECHO



SUMMARY OF THE ECHO CALCULATION PROCESS

$$A = \sum CURTCF$$

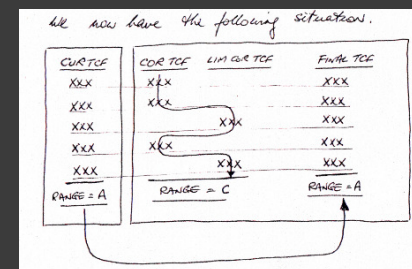
$$B = \sum \frac{100}{ET}$$

$$X = \frac{100 \sum CURTCF}{\sum \frac{100}{ET}}$$

LESS PROVISIONAL TCF'S

Handicaps are **RELATIVE** to the other boats in the fleet.

Handicaps earned in one fleet have no relevance when a boat competes in a different fleet



RYA's
“National Handicap
for Cruisers” (NHC)



Sailwave Results Program



Howth Performance Hcap (HPH)



The Future

Open Events:

- IRC Bands - set by ICRA
- ECHO standard (???)

Club Racing:

- Cruiser bands as per 2015
- Perf. H'cap adjusted after each series – dependent on Class Capt. – every Class