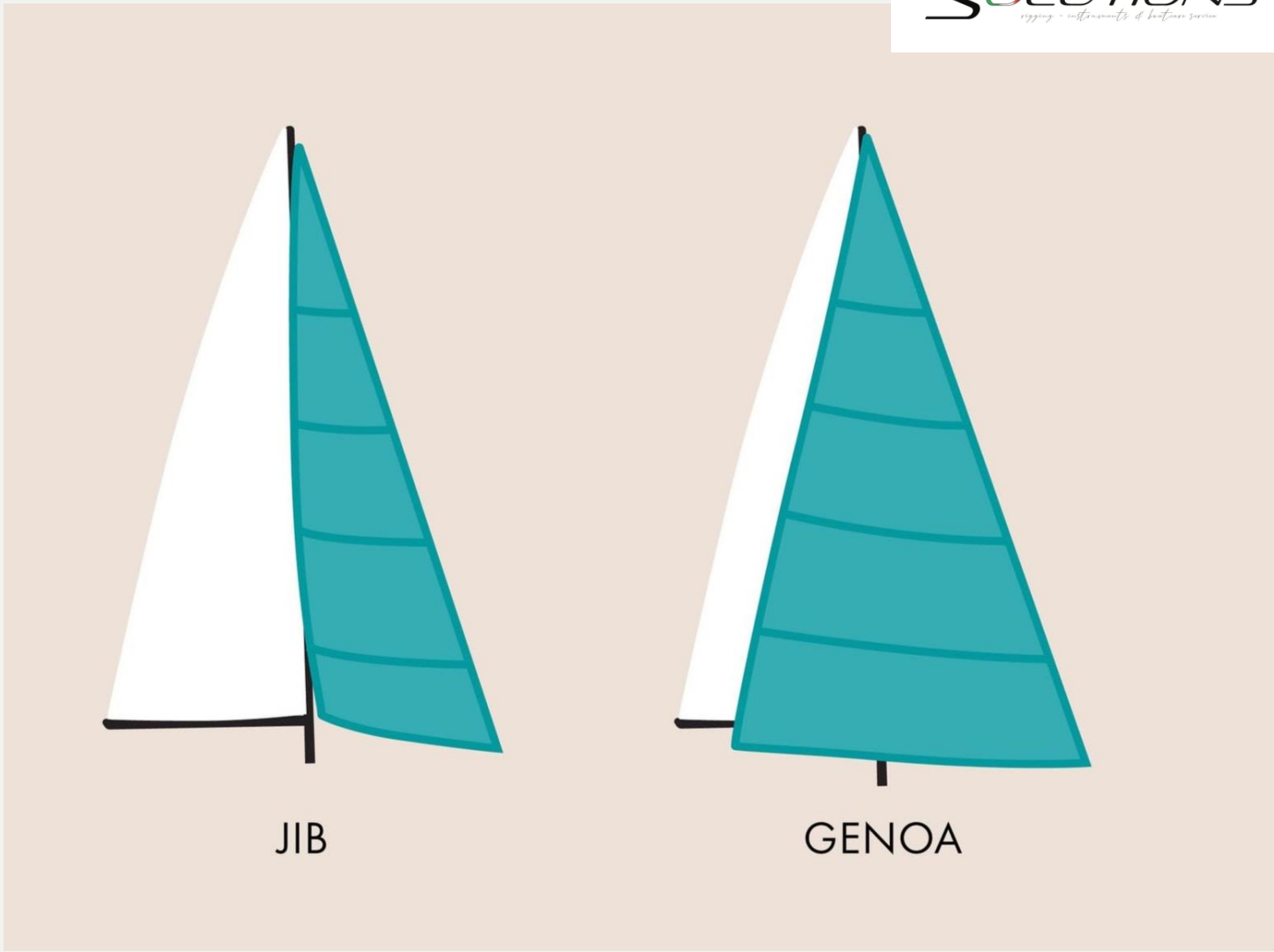
MODERN UPWIND AND DOWNWIND SAILPLAN

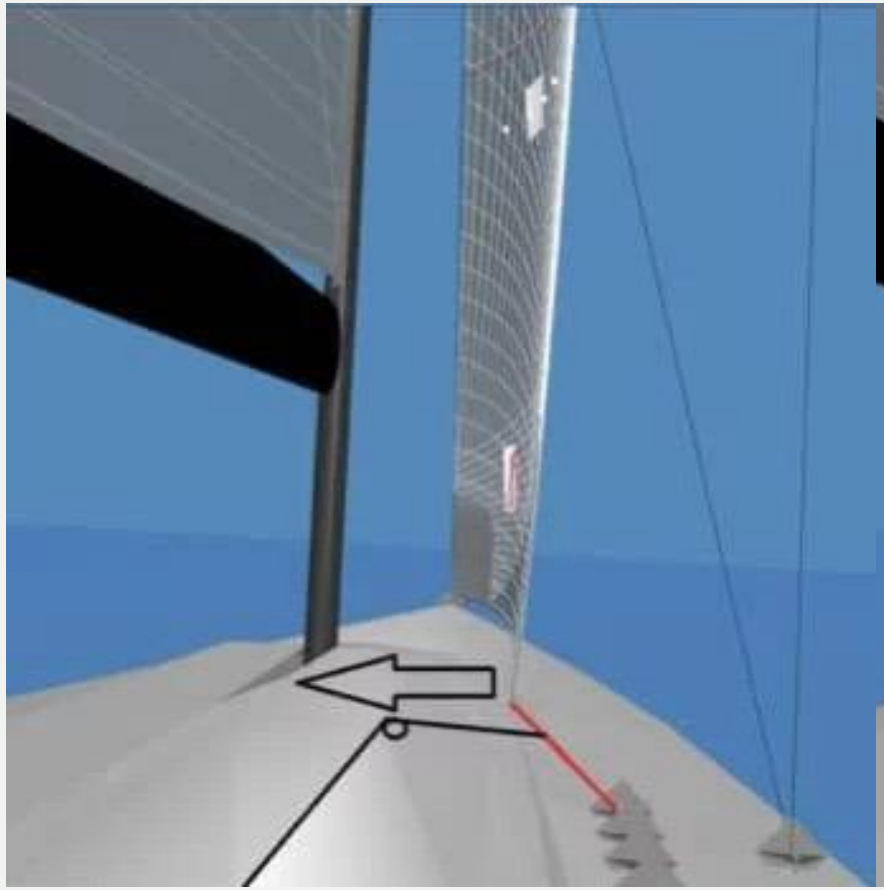
NAUTICAL SOLUTIONS

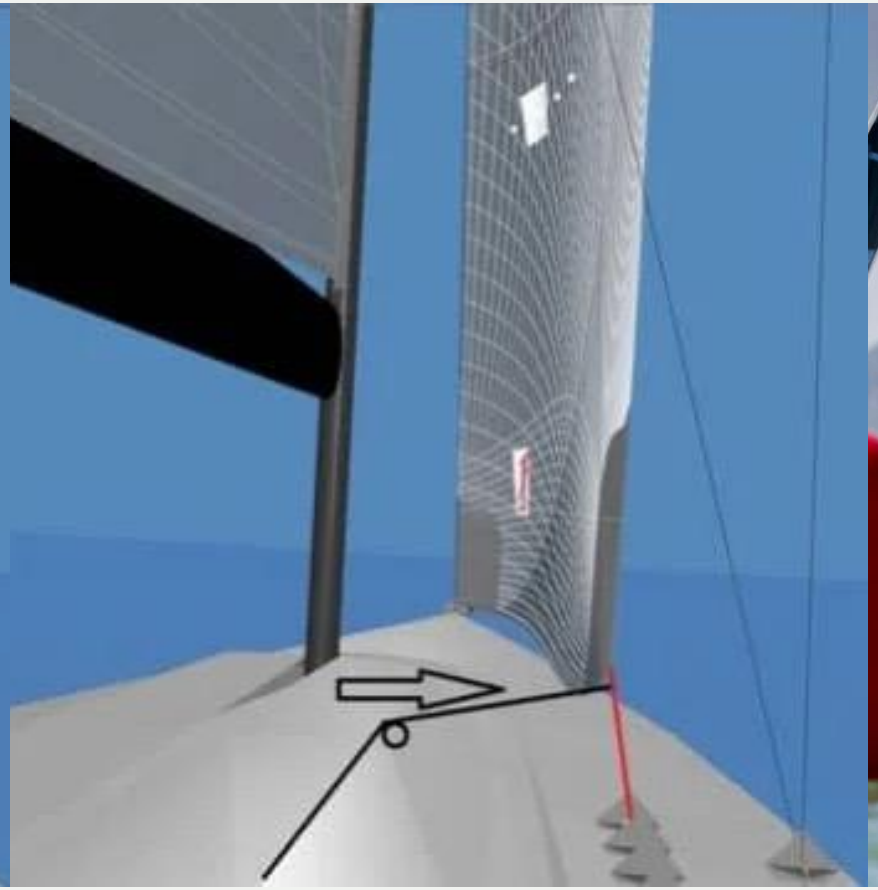
1) Jib / Genoa
2) Chain plate position
3) Spreaders length
4) Smaller J bigger E



- Wind channel
- Main overlap

Inhauler managing: light, medium, strong wind





NAUTICAL SOLUTIONS

$\alpha \tan = \frac{B}{J}$

$6° \tan = 0{,}10 = \frac{10}{100}$

$7° \tan = 0{,}12 = \frac{12}{100}$

$8° \tan = 0{,}14 = \frac{14}{100}$

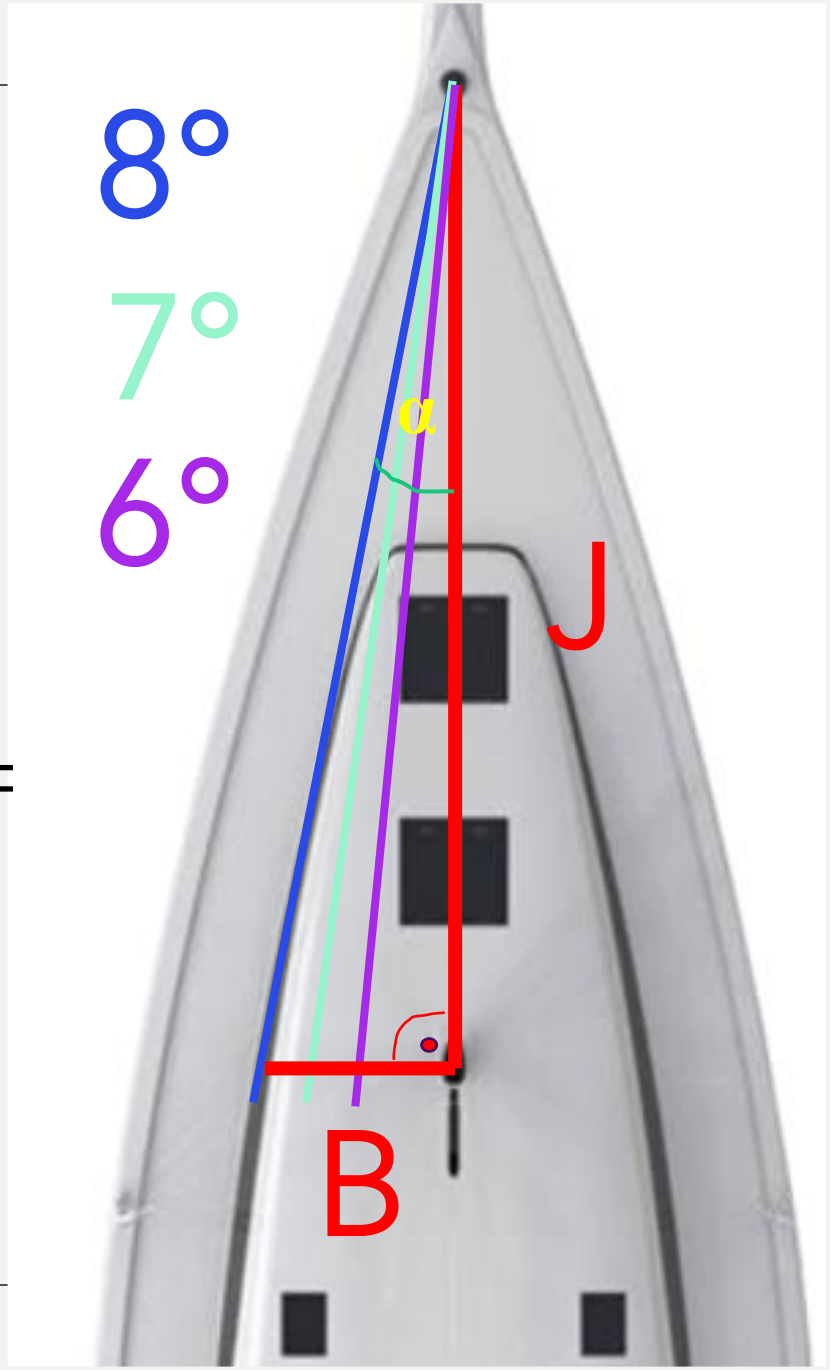
Example 8°:

J: 5840 mm

$\frac{14}{100} = \frac{B}{5840}$

B: 5840*14/100 =

= 817,6 mm



NAUTICAL SOLUTIONS

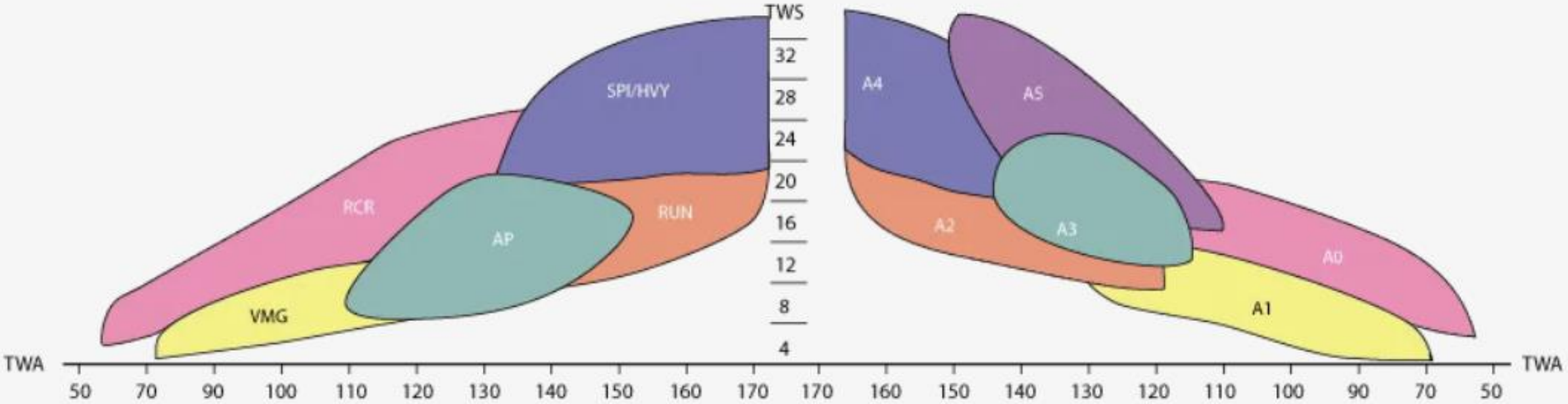
Symmetrics vs Asymmetrics

- Performance and rating system
- Easy to use

Modern asym design for deep angle and how to trim the sails and boat

NAUTICAL SOLUTIONS

SPI vs ASY



RACING SYMMETRIC SPINNAKERS

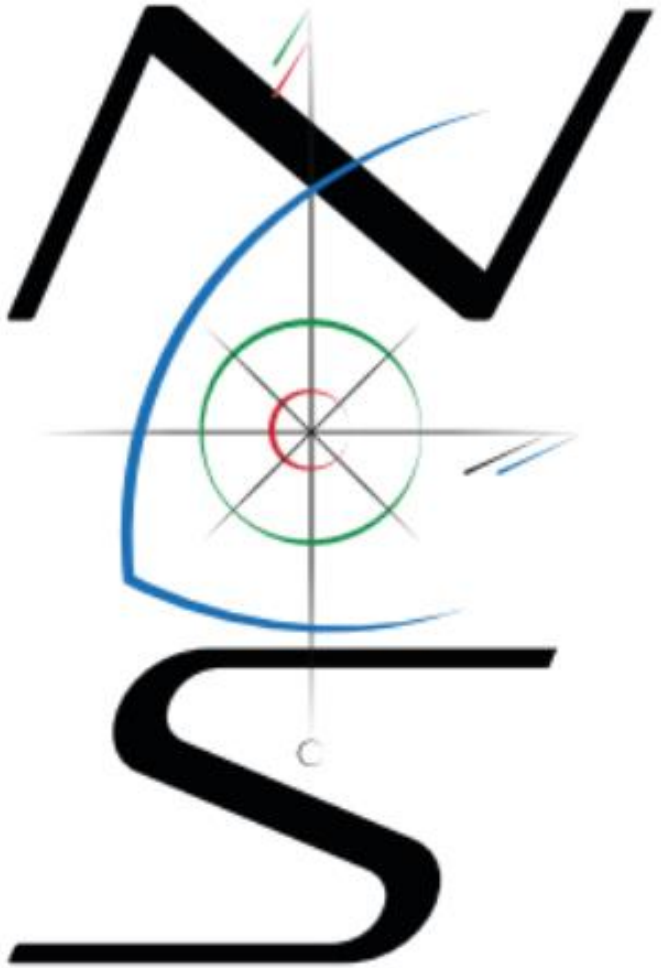
☑ RCR ☑ VMG ☑ RUN ☑ AP ☑ SPI HVY

RACING ASYMMETRIC SPINNAKERS

☑ A0/AF0 ☑ A1/AF1 ☑ A2/AF2 ☑ A3/AF3 ☑ A4/AF4 ☑ A5/AF5

Staysail

https://www.onesails.com/racing-symmetric-and-asymmetric-spinnakers/



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