

PROPELWIND

Wind Propulsion for Cargo Ships

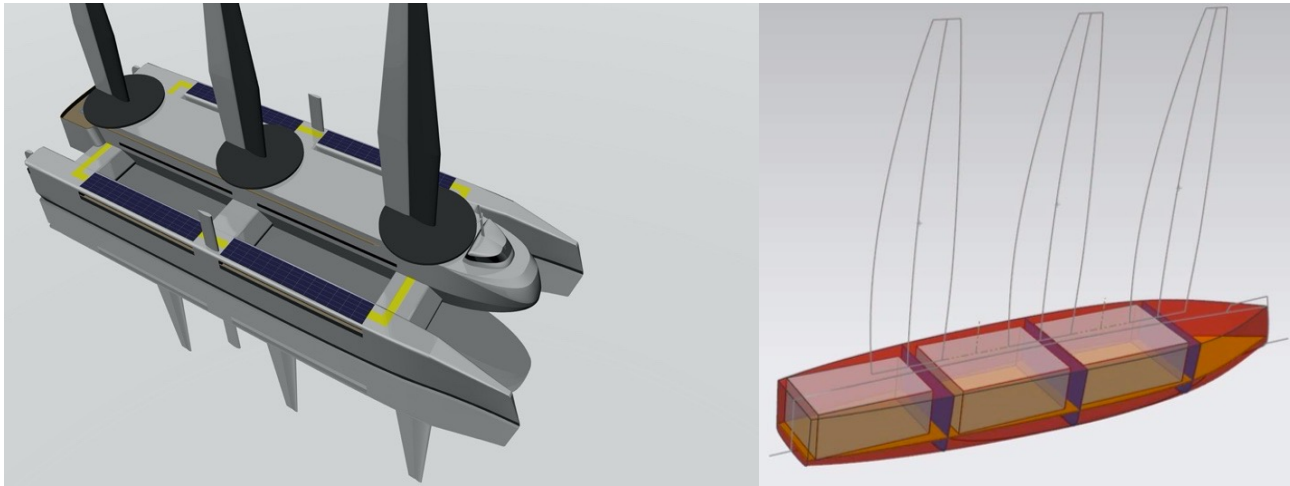
New Trimaran Concept

MARIN Blue Forum 2021

Ref.: PLA 05 055 r01 Blue Forum June 2 2021



Concept History – 2011- 2012



- Performance
- Motions
- Structural FEM
- Cruise Vessel General Arrangement

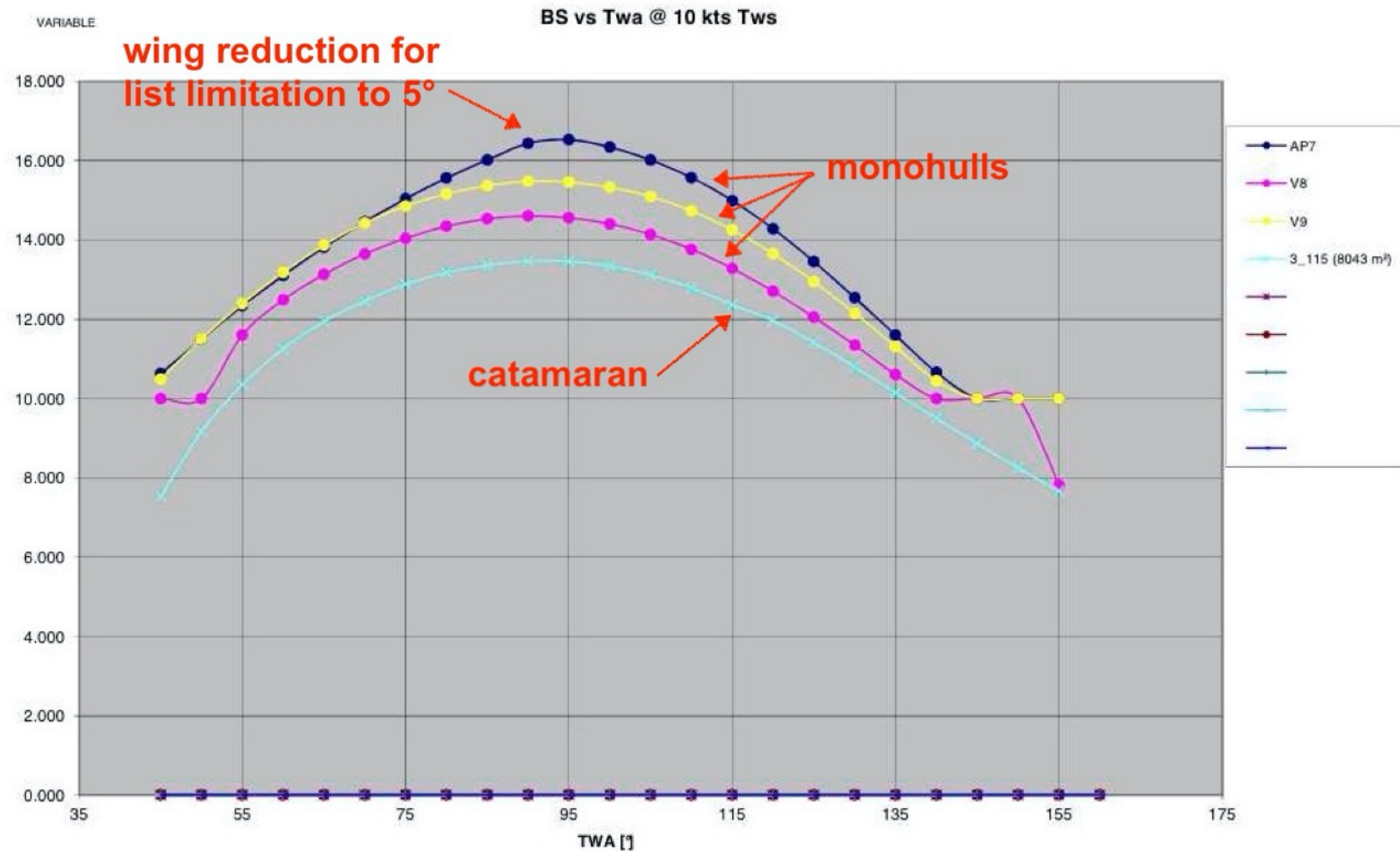
- Performance



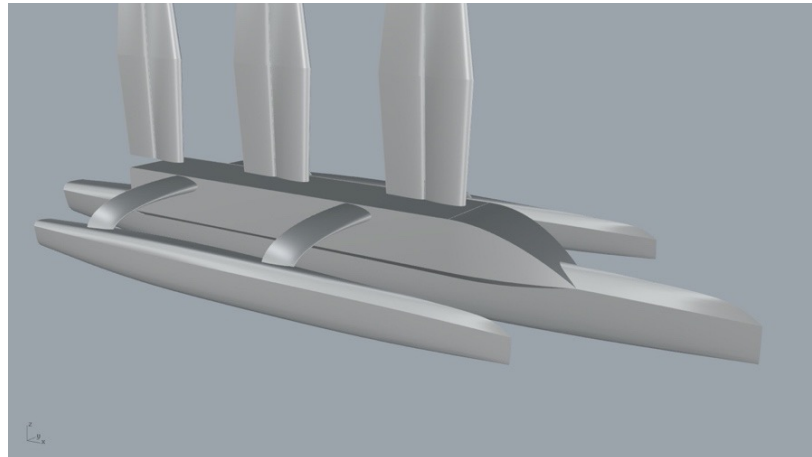
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Performances comparison



Why Trimaran, not Catamaran ?



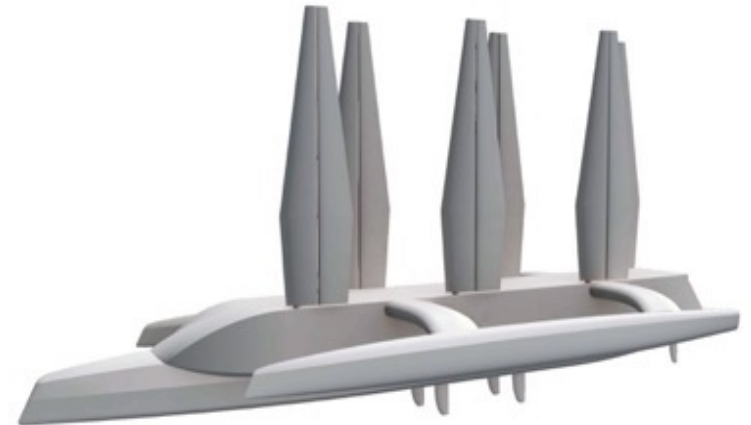
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Trimaran Features

General:

- Lower wetted surface
- Seaworthy (proven by ocean racing)
- Lighter structure



Specific PROPELWIND:

- Fuel tanks in outer hulls
- Cargo handling directly to / from barges, inland waterways vessels, in sheltered areas (no harbor needed)
- Speed target: faster than the wind at TWA 90°





Thank you!

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See also : www.propelwind.com

