

Reporting committee: **ITC**

TWIN RUDDER DRAG

PROPOSAL

Re-examine the effect of windward rudder drag in the VPP for twin rudder monohulls.

RATIONALE

Some boats equipped with twin rudders can retract or lift their windward rudder while sailing, others cannot. VPP 4.3.2 states "The LPP also calculates any reduction of wetted surface area that occurs if any dagger board, twin rudder etc. comes above the flotation waterline VPP," yet we observe many designs with fixed twin rudders fall short of their rated performance. These boats therefore may have unrated drag from the immersed windward rudder that is not being accounted for in the VPP.

We ask for a re-examination of this drag effect for boats with fixed twin rudders.