

Submission: **NOR 2**

Reporting committee: **ITC**

ELECTRIC POWER ASSISTANCE

PROPOSAL

Add ORC rule 103.4 for electric-assisted power:

<i>Category according to the IMS Appendix 1</i>	<i>Performance</i>	<i>Cruiser/Racer</i>
Adjusting sheets to trim clew of a sail, or a boom	0.125 %	0.375 %
Adjusting backstay, vang or outhaul	0.125 %	0.125 %

RATIONALE

There is new type of electric power-assisted winch system to ease in sail trim handling. Since the user is still contributing to adjustments it should not be treated as NMP (Non-Manual Power) with push buttons. The user's input power to the handle will be matched from an electric motor with a rotational speed of approx. 3 rad/s. Max power input from the electric motor is 500 W.

With electric-assisted power winches the onboard crew positions normally requiring high physical strength will, with electric assistance, also benefit participation by providing greater accessibility to a wider range of sailors (eg, youth, female, senior, and disabled sailors).