

# Submission: **ESP 6**

Reporting committee: **MEASUREMENT COMMITTEE**

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## **DEFINITION OF SHAFT NOT EXPOSED**

### **PROPOSAL**

To improve the way a Shaft not Exposed propeller installation is defined, it will be useful to mark the limits on the dimensions that have an effect on the formulae and to include a drawing (picture or sketch) to better understanding of the definition. This proposal is to rewrite IMS Rule D3.3 as follows: Shaft not exposed installation shall be in the form of a molded housing, integral with the hull, enclosing essentially the full length of the shaft as well as the void between the shaft and the hull. If any part (or to specify a maximum) of the shaft is exposed, it will be considered as Shaft Exposed Installation.

### **RATIONALE**

IMS Rule D3.3 describes what a Shaft not Exposed installation. The word “essentially” gives too much uncertainty in the length of the shaft, which has a big effect on the rating. We should therefore limit the length of the visible shaft. Also an illustration or photo of a Shaft not Exposed should be provided in the IMS to better clarify those installations that do not comply with the definition.