



Working Group

ELECTRONICS & SOFTWARE SYSTEMS

WG 15

Who we are

Working Group 15 on Electronics and Software Systems is a relatively small but very active Working Group. Its meetings are attended by participants from engine OEMs, engineering firms, Classification Societies and engine OEM suppliers. The members are highly motivated and active contributors to the Working Group output. The main motivation for the members is that time spent on the Working Group activities must add value to their daily job and responsibilities. This objective is achieved in two ways. The first is as the formal route through Working Group proposals. The second is via the good social network within the Working Group. The exchange of information on upcoming new rules and understanding the associated challenges are important activities for the Working Group's 15 members.

What we do

Working Group 15 deals with the reliability and safety of engine automation systems in general. The main recurring topic is the implementation of new technologies. New technology introduction can sometimes create friction with existing rules. It is the objective of the Working Group 15 to consult and formulate solutions to enable new technology to be used in a cost effective, safe and reliable way.

Who we work with

Working Group 15 deals mainly with the Classification Societies, represented in the IACS Machinery Panel. Formal communication between IACS and CIMAC is via the Working Group Classification (WG 2).

Meeting activities

Meetings are held about twice per year and hosted in turn by the companies of the different members' companies.

Ongoing subjects

We have submitted an input document to IACS with respect to the revision of the UR M3 and are following up with the IACS Machinery Panel (MP) for further developments. A current topic is the UR E10 and E22 revisions. At the request of the IACS MP a start has been made with a recommendation for a common failure mode effect analysis tool (FMEA). All engine OEMs, control system suppliers and Classification Societies use their own FMEA tools. This is leading to a considerable amount of duplication which adds no value. It is the objective of the Working Group to propose common FMEA tool guidelines.

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Chairman