

Welcome to



STAIMO is the software package developed by the STA-Group for the analysis for Speed/Power Trails according to the ITTC Guidelines 2012 which have been adopted by IMO MEPC for EEDI.

The STAIMO software can be downloaded from www.staimo.org and implemented on PC for use on board during trials. With the manual input of ship data and the data measured during the trials the software will analyse the ship speed both at contract and EEDI power. The analysis include correction for wind, waves, shallow water, temperature and density. The output of STAIMO is a speed trial report required for EEDI and delivery of the vessel.

Each report produced by STAIMO is automatically numbered by the software. The authenticity of this number (and thus the software used) can be checked by any reader on the www.staimo.org.

For STAIMO support please contact info@staimo.org

For a specialist course and training in speed/power trials and in the use of STAIMO we refer to MARIN's course for EEDI Verifiers ; contact courses@marin.nl

STA-Group

STA-Group was formed after completion of the STA-JIP in 2006. The Sea Trial Analysis – Joint Industry Project resulted in the STA-industry standard for speed/power trials and the participants decide to continue as STA-Group to exchange experience in this field as well as new research. STA-Group for example conducted speed/power trials on container vessels at design draft and compared the results with those from delivery trials. STA-Group is working on a new correction method for shallow water.

Currently 39 companies are member of STA-Group. The membership ranges from vessel owners and operators to ship yards, class, institutes and service companies. Membership is open. For STA-Group membership information please contact Mr. Henk van den Boom (h.v.d.boom@marin.nl).

History of STAIMO

The speed/power characteristics of ships have always been at the core of ship design. To prove contractually agreed values, speed trials are conducted by the yard prior to delivery of the ship to

the owner. In the past schedule integrity of the vessel was often the most important factor for the speed requirement. Today, owners and operators are keen to reduce fuel consumption to decrease operational costs. So far a variety of methods for conducting and analysing speed/power trials have been used by shipyards. With the assistance of STA-Group and ITTC, the new IMO EEDI rules to reduce CO₂- emissions have resulted in clear, pragmatic and transparent guidelines for the reliable speed/power assessment of ships worldwide.

STA- Group Members



For further information & support please contact: info@staimo.org