MARIN

Challenging wind and waves

Linking hydrodynamic research to the maritime industry

Datasheet

Tug Assist Tool - TAT
Easing the Task of Tug Allocation

Introduction

Establishing total load and required tug capacity on a job-to-job basis. Now an easy task requiring just a few mouse clicks using the Tug Assist Tool - TAT®.

Discussions with port authorities, terminal operators, pilot organisations and tug operators pointed out a need to easily and quickly determine the required tug capacity on a job-to-job basis. Crucial elements of the TAT to achieve reliable results are to take the following factors into account:

- Wind.
- Current.
- Water depth (any, up to 10% keel clearance).
- Validated and ship specific coefficients.

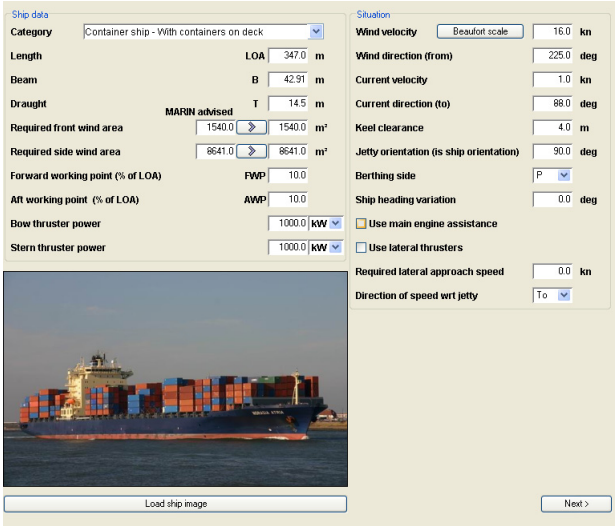

Figure 1: Input Page to select and modify ship and environment.

TAT program

TAT will run as a normal software program on any standard PC using windows XP. It will come as a CDROM and is self installing. Its operation is simple and straightforward with only one input page and one output page (see Figures 1 and 2).

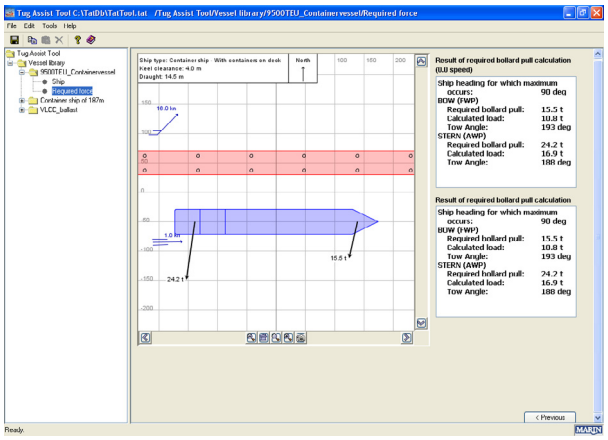

Figure 2: Output Page showing results on load and required bollard pull.

The TAT installed library contains 20 vessels that can easily be modified and stored for vessel that frequently visit your area.

Contact

TAT will be available either as a floating network license or as a single node lock license with discounts for larger numbers. For pricing information please contact Mr. Noël Bovens.

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V. 2010/05/06_MSG Soft. 24

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