

CERTIFICATE NO. 70697 HH



Loading computer system: Stability- and loading program CARGOS by Cargosoft Systems

Computer Hardware: Unit 1: DELL Optiplex GX250 Intel Pentium 2,8 GHz
Unit 2: DELL Latitude Intel Pentium 851 GHz



For Hull No. 266, VEB Warnowwerft Warnemünde

GL Register No. 34095

IMO Number IMO 8522315

The loading computer system was checked on the basis of approved test conditions. The shear forces and bending moments calculated by the system for the test conditions along the ship's length at several read-out points and the intact stability data and the draught sizes were in compliance with the results of comparative calculations with sufficient accuracy. The loading computer system is accepted by Germanischer Lloyd for shear forces-, bending moments-, and intact stability calculations required by Regulation 10 (1), (2) of the International Loadline Convention 1966.

The loading computers have been stamped:

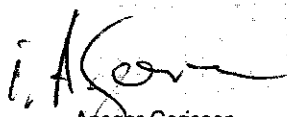
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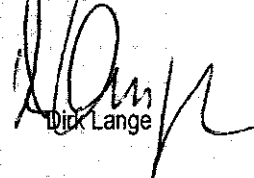
Approval conditions:

- The following program modules, if applicable, have not been examined and are therefore not subjects of this approval:
 - The crane module for the calculation of the ship's stability under crane operation.
 - The damage stability module for calculation of the stability for the damaged or flooded ship.
 - The integrated dynamic stability module.
- For any seagoing condition as well as during loading/unloading in harbour the readings for shear forces, bending moments and torsional moments must not exceed the 100 % limits.
- Copies of the approved test conditions are to accompany the loading computer system on the ship. The system should be periodically checked by the Ship's Officers in order to ensure its continuous accuracy.
- The loading computer system is considered as supplementary to the approved stability booklet and loading manual onboard. The respective instructions to the master given within these booklets are to be observed.
- It is the responsibility of the Master to verify the accuracy of the input data to the calculation programs.
- The loading computer system has been approved as passive system or online system in off-line mode only.

Hamburg, 2008-01-16

GERMANISCHER LLOYD


Antsgar Gorissen


Dirk Lange