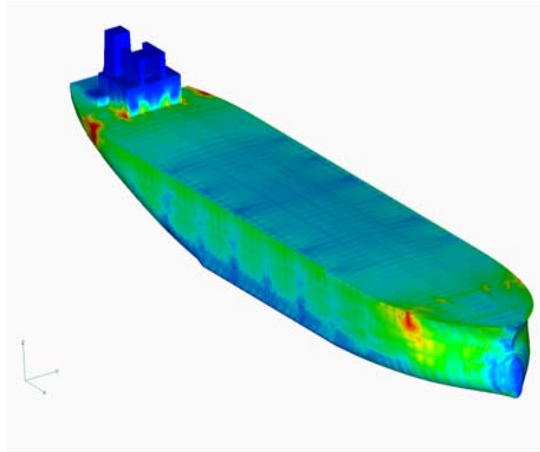
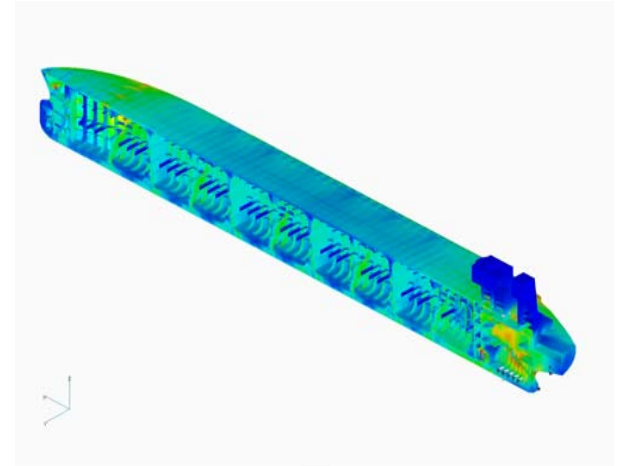


# NEiNastran

## Marine Applications (Cargo Ship Model)



The following model (a complete ocean-going cargo vessel) is an example of the capability of NEiNastran to handle huge, complex models fast and efficiently. The model has 286,018 shell and bar elements and 127,653 nodes with 765,918 degrees of freedom (DOF). The pictures show the complete exterior as well as the fully modeled interior containing all of the structural members including bulkheads and decks. The total solution time for NEiNastran V8.3 on a Xeon 2.4 GHz PC running Windows XP was less than 14 minutes using the state-of-the-art PCGLSS solver.



**Noran Engineering, Inc** is aggressively focused on commitment to the customer. Detailed documentation, customized on-site training, and comprehensive technical support ensures that you will see immediate return on your investment.

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NEiNastran *for Windows*  
From Noran Engineering, Inc.