

## Simulator for preparing installation of A-frame onto the Oleg Strashnov crane

In July 2010 the 450 MT A-frame of the 5000MT crane was successfully mounted on the IHC Merwede built Oleg Strashnov (Owner: Seaway Heavy Lifting).

In order to evaluate the feasibility and safety aspects of several alternative mounting procedures and to support the risk analysis process, GUSTO-MSK asked Tree C to supply a real time simulator for this operation.

It provided realistic control over the Bonn&Mees sheerleg Matador 3, the supply barge with A-frame and the slewing platform of the Oleg Strashnov. The system constantly gave information on clearance and of forces in the several strops and wires controlling the A-frame. The simulator was a valuable asset in preparing a smooth execution of the procedure in the real world.

