



Client

Grieg Star

Vessel Type

K-Class General Cargo Bulk Carrier

Location

Matane, Quebec, Canada

Manoeuvring Feasibility Study for a Larger Vessel

GRIEG STAR, an integrated shipping company and owner of one of the world's largest open hatch fleets, called on the services of the Maritime Simulation and Resource Centre (MSRC) to determine the safe and proper procedures for approaching, berthing and unberthing manoeuvres at the port of Matane for their K-class general cargo bulk carrier.

Experienced docking pilots from the Corporation of the Lower Saint Lawrence Pilots used the MSRC's DNV Class "A" 330° Full Mission Simulator to conduct a series of simulations with various weather conditions to establish the operational limits for approaching, berthing and unberthing manoeuvres without tug assistance.

For this study, the MSRC developed three different K-class ship models, the port of Matane geographic database and integrated the currents used for the simulations.

