STUDIES FOR SHIP MOORING USING MORMOT

Description

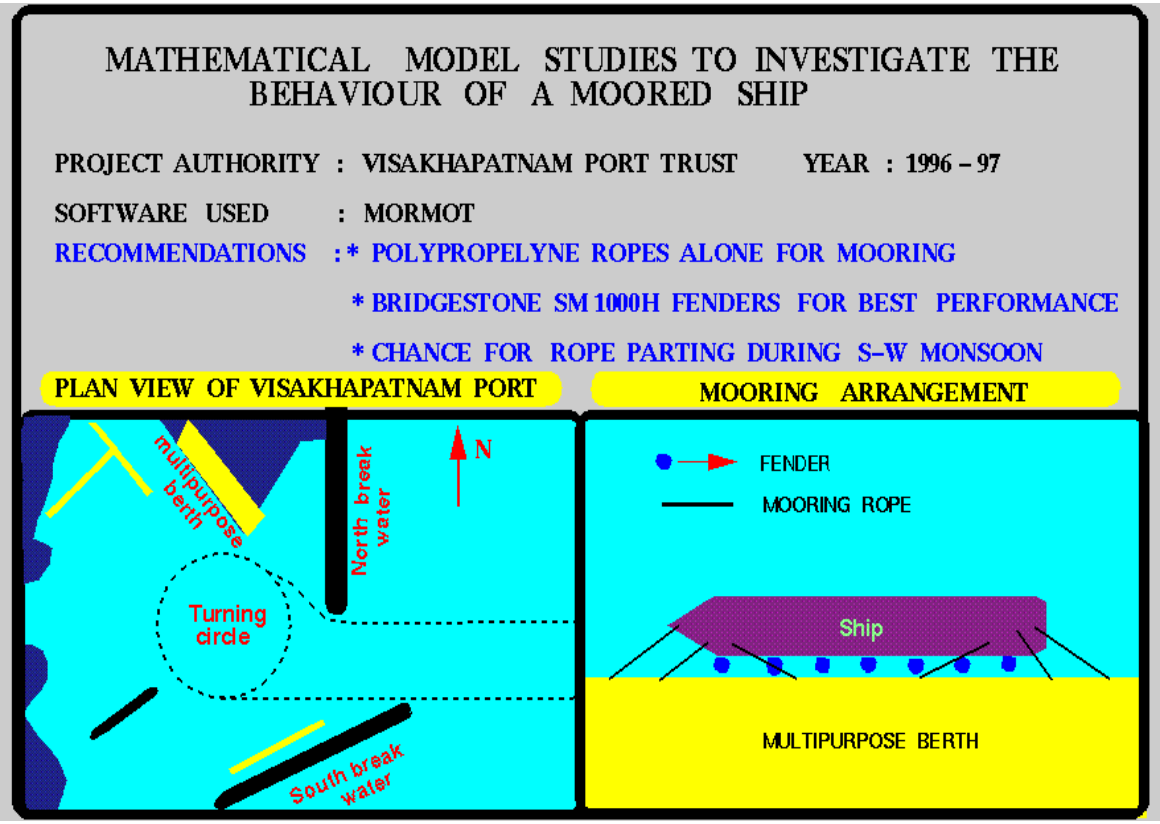
A computer simulation software to predict the motions of a moored ship, consequent mooring rope tensions and fender deflections under the action of wind, waves & currents

Applications

- Prediction of surge, sway, yaw, pitch, heave & roll of a moored ship
- Computation of mooring line tensions
- Identification of best mooring configuration
- Determination of fender deflections
- Optimization of berth alignment for reduction of downtime at berth

Studies Conducted

Moored ship studies for multipurpose berth, LPG berth and general cargo berth at Visakhapatnam port; bulk cargo berth, JNPT; Bharati dock, Chennai port; bulk berth, Muldwarka, Gujarat; oil berth , Suvali, Gujarat; container berths, and north cargo berth, Tuticorin port; chemical jetty for GCPTCL and IPCL jetty, Dahej; ore berth, Mirya bay, Ratnagiri; Pir Pau jetty, Gujarat.



Moored Ship Studies at Multipurpose Berth, Visakhapatnam Port