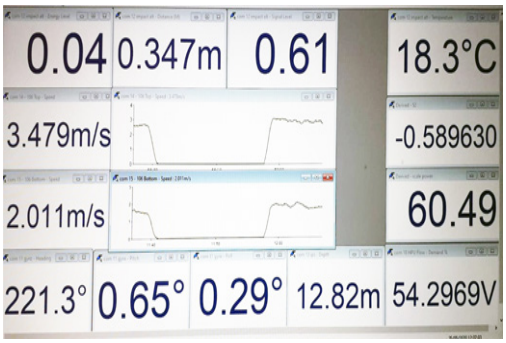
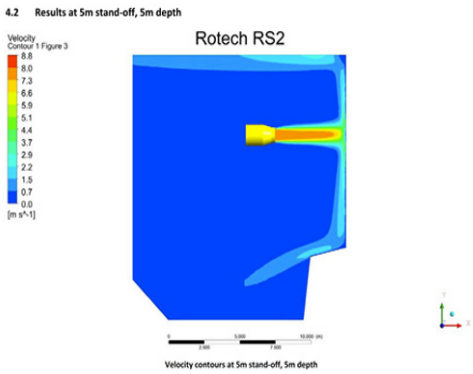
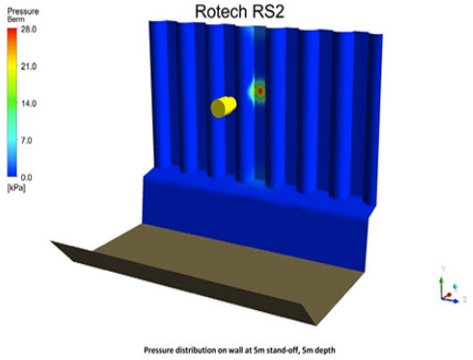
CASE STUDY
TRS2-H BAM NUTTALL

TRS2-H LIVERPOOL 2 BOW THRUSTER SIMULATION







Rotech Subsea were contracted by **Bam Nuttall** to provide the TRS2-H Controlled Flow Excavation tool to simulate the prop wash from a bow thruster against a quay wall at the Liverpool 2 Container Terminal. This test was required to ensure the integrity of the wall was not compromised whilst jetting and simulating prop wash.

A CFD analysis was conducted prior to the simulation to show the effect of an RS2 jet against a quay wall, in order to assess whether an RS2 jet can provide similar water velocities over the required area.

Various sensors were installed on the TRS2 tool to monitor the depth, altitude trim and also distance from the quay wall to allow BAM Nuttall to produce a report.

The project was a success for BAM Nuttall and Rotech Subsea recording all data required along with the results to sign of the completion of the scope.