

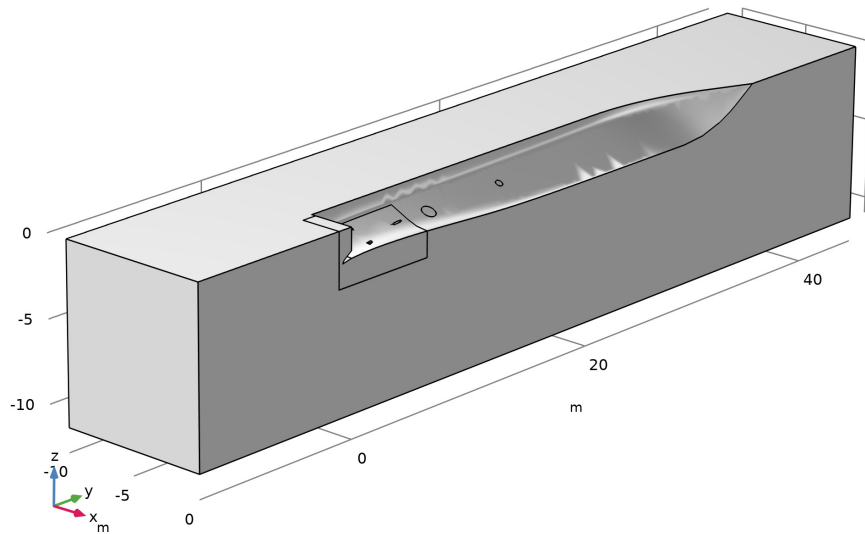


Model created in COMSOL Multiphysics 6.4

Ship Hull Geometry

Introduction

Using the Loft operation it is easy to create complex shapes starting from cross-sectional profiles and guide curves that are created on Work Planes. This example creates the geometry of a ship hull and combines it with a surrounding block that represents the ocean to form the geometry that is used in the model *Corrosion Protection of a Ship Hull* located in the Corrosion Module Application Library.



Model Definition

This tutorial model does not contain step-by-step modeling instructions. You can open the model to study how the geometry is created. The geometry sequence of the model is organized into group nodes that collect the operations that build the various parts of the ship hull geometry, from the shape of the hull to the computational domain that represents the water surrounding the hull.

Application Library path: Design_Module/Tutorial_Examples/
ship_hull_geometry
