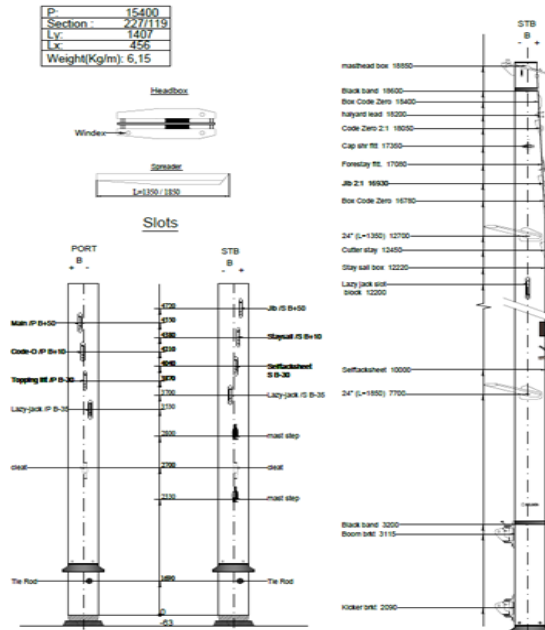


# SHIP MAST MODEL CREATION-AUTOMATION

## IMPROVING THE PRODUCTION RATE BY ELIMINATION OF MANUAL WORK



### Client background

A leading manufacturer of ship mast. They develop their own range of blocks and other deck hardware such as blocks, cleats and swivels.

### Business Challenge & Requirements

Based on customer requirements, the client develops customized Ship mast and propose the same by generating three dimensional model with 2D pdf file (Manually in corel software) . To improve productivity and to cut down response time with their clients, they decided to Automate the Mast model and pdf file creation.

Our experts have done a study of their flow process and provided the optimized solutions to the client. It was executed through engineering standards and using CAD tools.

### Challenge:

Creation of Customized Ship mast Model from ERP data.

Automation of Three Dimensional Model Creation and 2D pdf file (NTS to readable format).

### Solution:

Srinsoft, recommended to export the ERP data's as a XML.

Creation of Mast component as a Library files (as a part and Assembly components); therefore, based on the XML input automatic creation of 3D model along with 2D pdf file using Solidworks software.

Automation of sending a created pdf file to their clients.

### Results:

Productivity increased to 80%

Complete elimination of manual work.

Response idle time decreased to 80%

once they receive their client requirements.

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