

Automatic Label Plate Generation

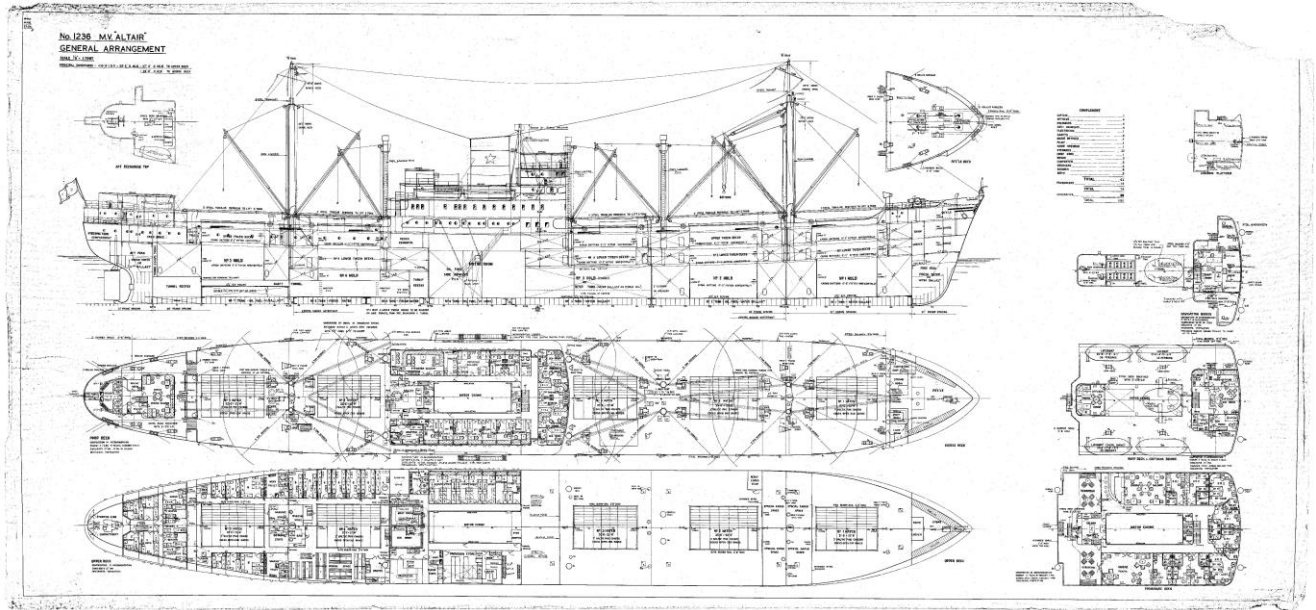
Team:

ShipConstructor Software USA (Lead)
Fincantieri Marinette Marine
Conrad Shipyard
Austal USA
Bancroft Enterprises

Problem:

The typical label plate is small in physical size, such as compartment identification; however, label plates are so often overlooked until the last throws of a project where all too often they are found to be inaccurate. Addressing label plates at the last minute usually entails expediting procurement and replacing existing with corrected label plates.

Vessels have hundreds and sometime even thousands of label plates



Solution:

Develop a workflow to use existing data from the 3D model to automate compartment label plate development where the digital data can be provided directly to label plate suppliers in a format suitable for their requirements.

Benefits:

This supports configuration management of compartment label plate data with the 3D model; thereby, with the 3D model changes. Thus, the label plate data remains updated with the 3D model.

By providing the label plate information in a digital format to support the supplier's needs, there is no need for manual data entry between the shipyard, purchasing, and the supplier where data entry errors can occur.

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