

Organization of Work in a Second Tier Shipyard

Project Title: Organization of Work in a Second Tier Shipyard

Primary Consortium Member: Bender Shipbuilding and Repair Co. Inc.

Additional Contractor/Consortium Members: Caterpillar Inc.; Thompson Power Systems; Cybo-Robotics

Project Objectives/Overview: The Project is broken into three phases: diagnosis, process modifications, and evaluation. Phase I (Diagnosis) will identify problem areas as well as possible solutions. Phase II (Process Modification) will introduce the recommended changes from Phase I. These changes could be training and/or investment in shipyard assets. Also three process modifications will be undertaken during this phase: analysis of the manufacturing supply chain, appropriate levels of shop floor automation, and the "Super-Vendor" concept. Phase III (Evaluation) is the final phase of the Project, and will compare the modified systems with the original systems.

Project Status: Project has been completed. Shipyard modernization has also been completed, resulting in a new modern ship production facility, including an advanced first operations shop with laser cutting.

Project Contacts:

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