Development and Introduction of Methods for a Continuous Quality Improvement Based on the Quality Gate System - ProDock

Problem

- Quality controls in the manufacturing and conservation area are not sustainably linked with the manufacturing process
- A large portion of adaption and reworking processes can only be undertaken in the final assembly and influences further time-critical processes, such as the conservation
- Results are a high production expenditure for the dock assembly and too long dock lay times

Solution

- Redevelopment of constructional methods as well as integration of quality gates into the manufacturing process
- Optimizing manufacturing and assembly processes by classifying and scheduling reworkings based on quality gates

Benefit

- Reduction of dock lay time by reducing adaption and reworking processes of previous operations
- Reduction of costs for adaption and reworking processes