Empire Scheduling

Capex 2

# Goals:

* Produce a full picture of the long-term plan for production scheduling that accounts for fluctuations in customer requirements, risks to material availability / obsolescence, and consistent manning.
* Complete the Planning Snapshot Grid which allows Troy schedulers to manage various customer and materials concerns and efficiently output releases to the plant.

# Building the Full Picture

* Employees from various teams have been identified and have been solicited for input with respect to key concerns for production scheduling. In one week, we will meet as a group to discuss.
  + German, Irene, Ossman, Jansen, Cindy, Dan (with Eric and Craig)
* Dan and Eric will consolidate the list and ensure that each item has a suitable description for future discussions.
* A consolidated list will be presented to the key decision makers (i.e. Ken, Cindy, Francisco) to establish big-picture priorities.
* Dan and Eric will work with appropriate people to define deliverables that address the big-picture priorities.
* The output of this process will drive requirements for ongoing improvements to production scheduling.

# Completing the Planning Snapshot Grid

The Planning Snapshot Grid delivered in phase 1 will be expanded to meet the following requirements:

* Target Inventory Summary – A summary line will be added to the bottom of the page that shows weeks on hand and targets appropriate for the part classification for full 58 week planning horizon.
* Real-time Customer Requirements & Inventory – Use real-time lookups of customer requirements, in transit inventory, and inventory on hand. Data will be permanently stored when planning for that part is complete.
* EOP / Long Lead-Time Visibility – Include visibility of pending EOP and long lead-time raw materials.
* New Planning Rules – Incorporate rules prohibiting changes to EEH orders within lead time or exceeded capacity, including holiday capacity rules.
* Rapid Data Entry – Add behaviors that allow one-click spreading of a monthly customer requirement into average weekly requirements, apply an EEH order quantity to a range of weeks, provide undo-redo function.
* Weekly reviews will be conducted with Troy schedulers and additional requirements will be documented.

# External Costs

We will budget $6,000 for meetings and work product related to defining the “big picture” for Empire scheduling. We expect this process to be completed in 3-4 weeks. The current set of requirements for the Planning Snapshot Grid will require $9,000, will run concurrently with the planning described above, and will take 4-6 weeks to complete.