

GUI Workshop II

Production Planning

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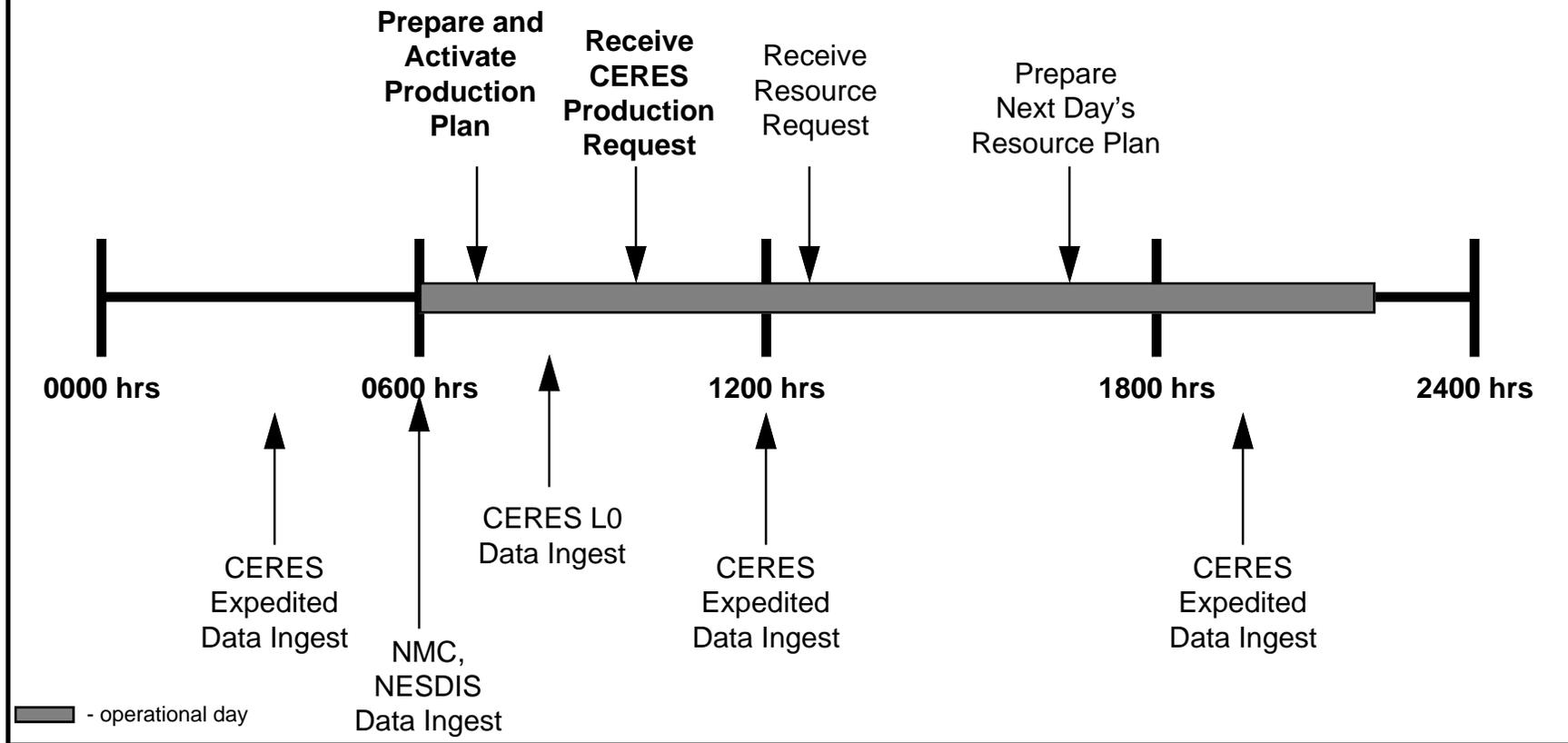
Overview

Summary and Context

- **Summary:** This script is provided to highlight the GUIs used during typical Production Planning. The process of entering a Production Request, creating a Plan, and the activation of a Plan is described.
- **Context:**
 - Startup the Planning Workbench
 - View a list of existing Production Requests
 - Create a Production Request for a data product
 - Inspect a Data Processing Request
 - Generate / Review a Production Plan
 - Activate a Production Plan

Scenario Timeline

Representative LaRC DAAC Events



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Script:

This script highlights the GUIs used to perform Planning for Production processing at a Release A DAAC.

Preconditions:

1. It is assumed that at the point at which this scenario is begun, all resource allocation issues have been resolved with the resource planner, and the list of resources available for use in processing and an allocation profile with time for those resources has been set in the production planning database. Resource planning GUIs and scripts are presented elsewhere in this GUI Workshop presentation package.
2. The PDPS database is complete in terms of PRs, DPRs and data availability predictions, etc. and is ready to support the planning activity.
3. Subscriptions have been entered against all data products required for processing.

Step No.	Time	Player	Activity	GUI
1	1000	Production Planner (PP)	The planner begins the days planning activities. A current Production Request (PR) for CERES is due to expire and a new one should be established. The production planner starts the Planning Workbench from the normal operators desktop.	Planning Subsystem Main Screen: Planning Workbench
2	1002	PP	The planner selects the PR Review activity.	Production Request Review

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Step No.	Time	Player	Activity	GUI
3	1003	PP	The planner selects the most current PR for CERES, and presses "PR Edit" to modify the PR.	Production Request Edit
4	1004	PP	The planner selects the PGE Parameters and inspects the parameters values established for this PGE.	PGE Parameter Mapping (sub-screen)
5	1007	PP	No modifications are required other than to edit the "Duration" values. The planner does so and saves the PR, providing a new PR name as this is done.	Production Request Edit/ Definition
6	1010	PP	The planner wishes to inspect the values associated with a DPR. He selects the DPR Edit activity from the toolbar.	Data Processing Request Edit/Definition
7	1012	PP	The planner selects the DPR from the DPR selection list, filtering on the desired PGEID.	Data Processing Request Selection (sub-screen)
8	0615	PP	The planner wishes to inspect the state of the plan for the current day. He selects Open from the File menu and selects Plan from the list.	Production Planning. Production Plan Selection (sub-screen)
9	0620	PP	The Planner reviews the PRs associated with the current days processing. (If generating a new plan the PP would select from this list)	Production Planning w/ Production Request sub-screen expansion.

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Step No.	Time	Player	Activity	GUI
10	0625	PP	The Planner selects Generate to review a timeline display of the current plan. He inspects the plan.	Production Timeline
11	0626	PP	The planner now activates the plan for the coming 24 hour processing period. Default start / end times are supplied. The planner presses OK to confirm the plan.	Activate/Cancel Production Plan Segment.
12	0628	PP	The planner selects Exit from the File menu to exit from the Planning Workbench and return to the Desktop.	--