SCHEDULE AND TIMELINE

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Introduction

This chapter outlines the schedule and project planning for the Atacama Large Millimeter Array Project. There are two key aspects of planning for the ALMA:

- · Tasks and milestones which must be accomplished
- Associated target dates.

The logical structure for the project is built around the concept of a "Work Breakdown Structure", or WBS. The WBS is simply an outline plan of all the work to be accomplished, and provides a framework for scheduling, costing, and tracking progress. Once a baseline WBS has been created, the inevitable changes and unexpected developments any real world project experiences may be incorporated into the WBS, and the impact of problems or unexpected difficulties can be allowed for.

The basic outline of the Joint WBS for the ALMA project has been drafted, but some details remain uncertain at this writing. This chapter presents the following:

• The Project WBS, expanded to level 2, presented in the form of a Gantt chart

After agreement has been reached on specific milestones in the project, they will be summarized in a separate table.

Note: For practical reasons, the HTML version of this chapter does not include detailed table listed below, other than as a link to the relevant PDF file. Readers are <u>strongly</u> encouraged to access the <u>PDF version</u> of this chapter.

Table 1: ALMA Task Scheduling

This Table presents a timeline for the project in the form of a Gantt chart, listing all tasks from level 1 or level 2 in the WBS.

Substantially more detailed views of the WBS are maintained at the following locations in PDF format:

The ALMA WBS (last updated 2000-Feb-11)

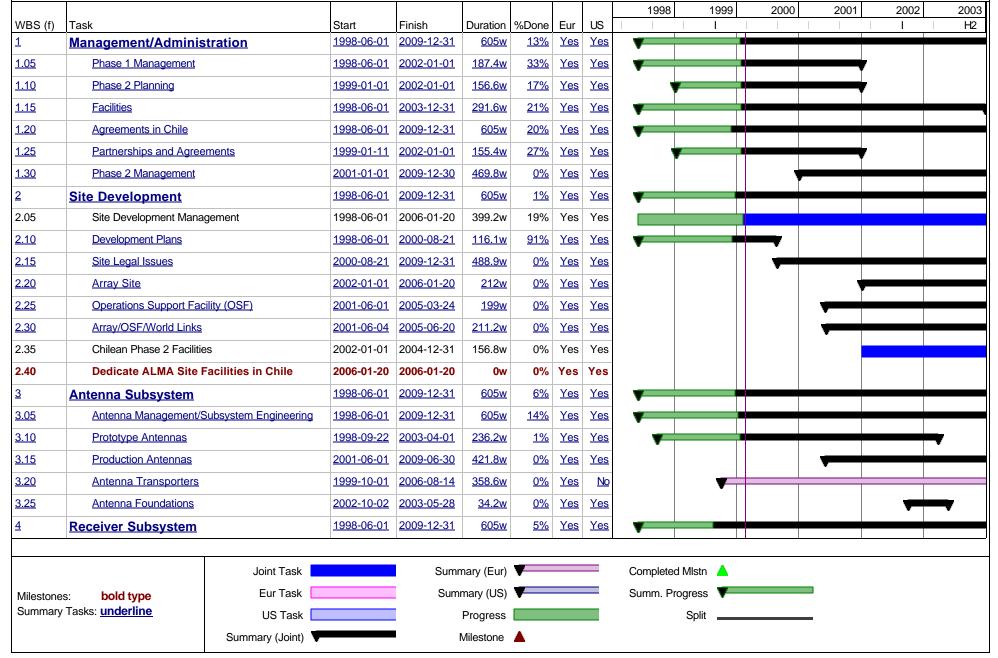
- <u>Summary to Level 3</u> (http://www.cv.nrao.edu/almaplan/costing/almaplan2000feb11level3.pdf) (All tasks, Phase 1 and Phase 2, level 3 and higher, 17 pages)
- <u>Complete ALMA WBS</u> (http://www.cv.nrao.edu/almaplan/costing/almaplan2000feb11full.pdf) (All ~1,900 tasks; 76 pages)

Large Millimeter Array

All Tasks selected

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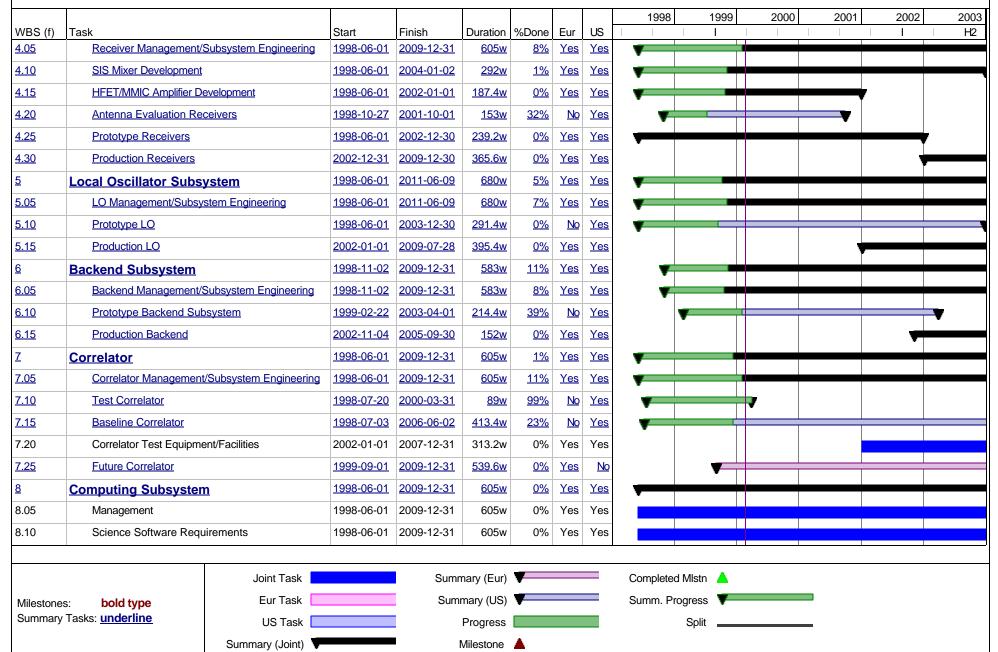


Atacama Large Millimeter Array

ALMA Task Scheduling

All Tasks selected

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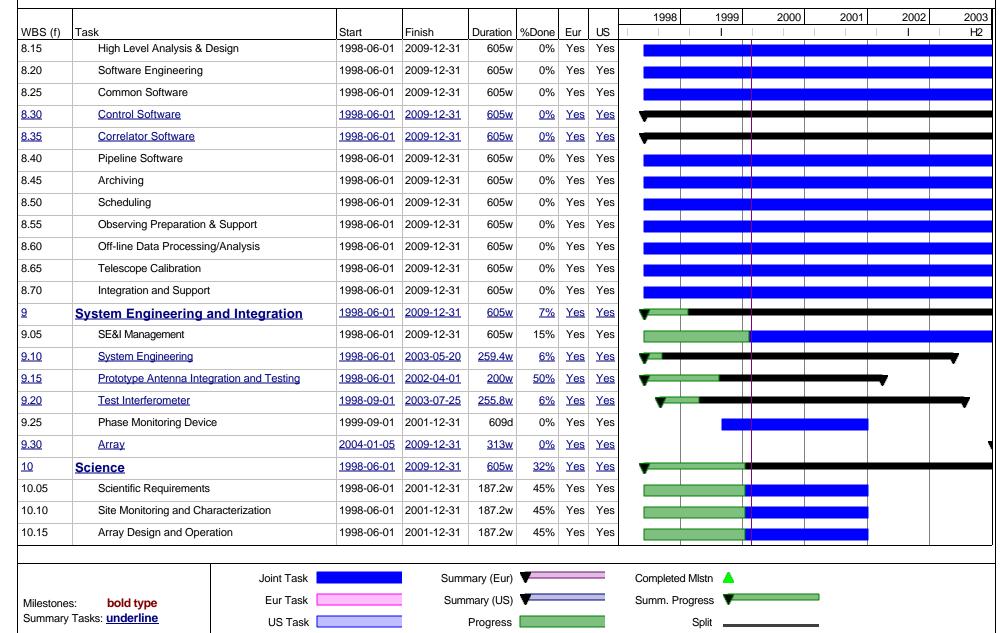


Atacama Large Millimeter Array

ALMA Task Scheduling

All Tasks selected

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Milestone A

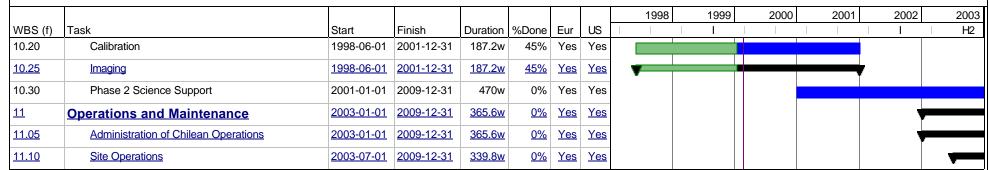
Summary (Joint)

Atacama Large Millimeter Array

ALMA Task Scheduling

All Tasks selected

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Milestones: bold type Summary Tasks: underline

