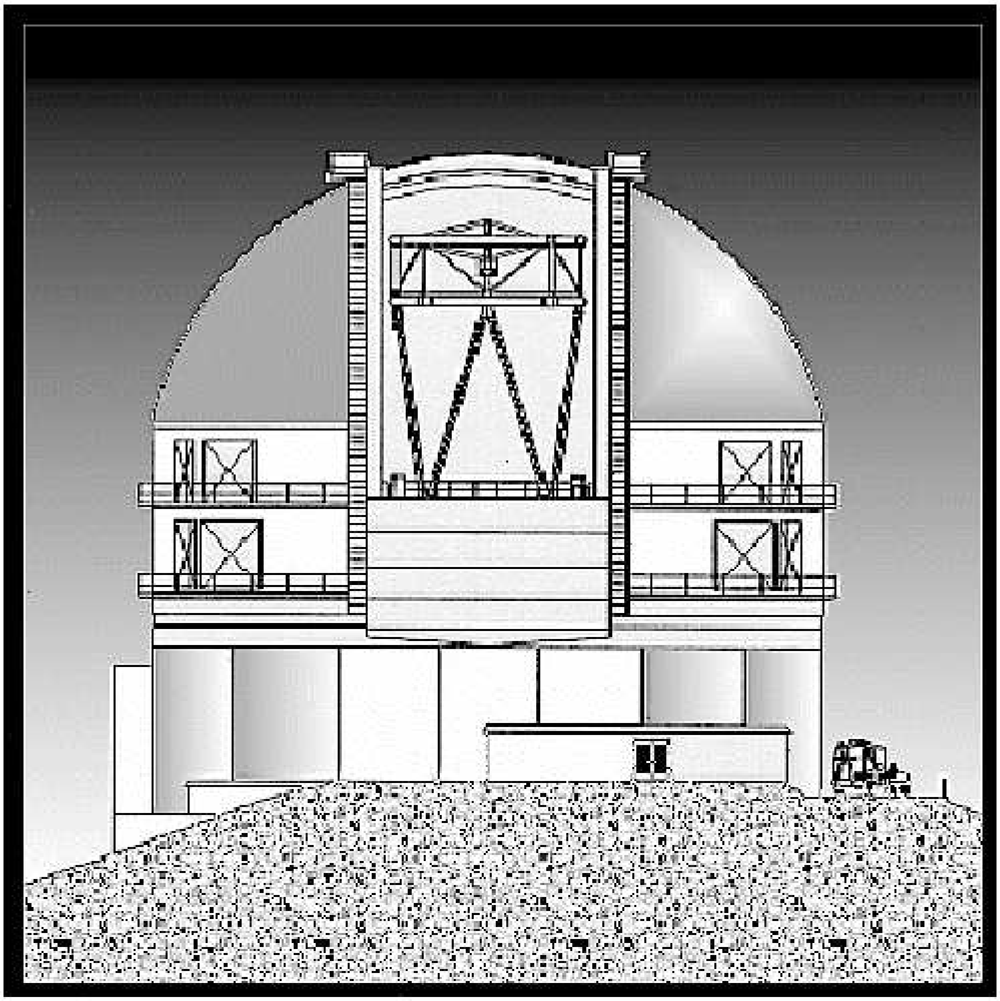
GEMINI
8-M Telescopes
Project

PG-S-G0001
Revision B

Gemini Approval Authority



Systems Engineering Group

January 6, 1997

GEMINI PROJECT OFFICE 950 N. Cherry Ave. Tucson, Arizona 85719
Phone: (520) 318-8545 Fax: (520) 318-8590

Gemini Approval Authority
Approval Form

Version B
January 6, 1997

Systems Engineering: ______________________________ Date: _________

Project Manager: _________________________________ Date: _________

1. Introduction

The following outlines the signatures which are required on various documents. Working revisions of these documents used internally to the program do not require signatures. When a document is final or is to be used for subcontracts or general use for program requirements, the signatures listed under each area are required. In general, specifications should be signed off by about CDR time for the group involved or prior to issue of a subcontract (whichever comes first). Other items involving signatures are as needed.

The list of the people referred to in the following is:

Project Director	Matt Mountain
Project Manager	Richard Kurz
Project Scientist	Fred Gillett
System Engineer	Jim Oschmann
Group Managers	
Telescope/Enclosure	Keith Raybould
Optics	Larry Stepp
Controls & Instrumentation	Rick McGonegal

2. Program Guidelines

Program Guidelines are any general published rules or procedures which must be followed by all groups. These would include items such as document and drawing numbering systems, procedures for archiving of documents and drawings, standards to be used throughout the program, etc. These guidelines will be organized into one notebook with the separate documents involved contained within. Revisions will replace outdated guidelines as needed. Copies of this notebook will be maintained by systems engineering and will be available from the Documentation Coordinator. The approval required for any program guideline is as follows:

Signatures Required: *Project Manager*

3. System Level Specifications

System level specifications such as the Gemini Science Requirements and Design Requirements are any specifications which impose design requirements and goals on more than one of the groups involved. The following are the approval signatures required for such documents or to make any exceptions to the specifications contained within:

Signatures Required: *Project Manager*
Project Scientist
Systems Engineer

4. Subsystem Specifications

These would include specifications which involve an item or subsystem completely contained within one of the groups (Telescope/Enclosure, Optics, Instruments, Controls). The following signatures are needed:

Signature Required: *Originator*
Group Manager
Systems Engineer
Project Manager

5. Interface Control Documents

Interface control documents are any document or drawing which is used to specify the details of interface constraints between any tow or more areas (groups). Information such as outline and mounting connectors, electrical requirements (signal and power), weight limitations, etc. will be included as needed. The required approval is:

Signature Required: *Originator(s)*
Group Managers which ICD involves
Systems Engineer
Project Manager (in case of conflict)

6. Drawings

Prior to release of a drawing outside of the Gemini Project, the following signatures are required in the appropriate area of the title block on each drawing. The documents coordinator may sign in place of the systems engineer. Further explanation of the procedures for handling drawings is contained within the "Gemini Document/Drawing Control Plan" (PG-S-G0002).

Signature Required: *Originator*
Group Manager
Systems Engineer

7. Change Orders

Change orders will be issued for any engineering changes (drawings, design requirements/ specifications, etc.) after the governing design requirements document has been approved and/or a subcontract has been issued. Change order procedures regarding other contractual issues such as schedule, cost, etc. are covered in the document listed below.

Signature Required: *Originator*
Group Manager
Systems Engineer