

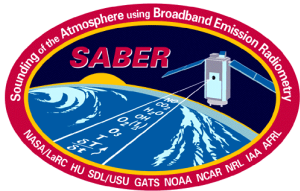
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# SABER Science Software CDR

GATS, Inc.  
Hampton, VA  
July 1, 1998

Larry L. Gordley  
Project Manager  
l.l.gordley@gats.hampton.va.us

LG-1



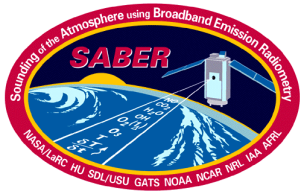
# GENERAL REQUIREMENTS



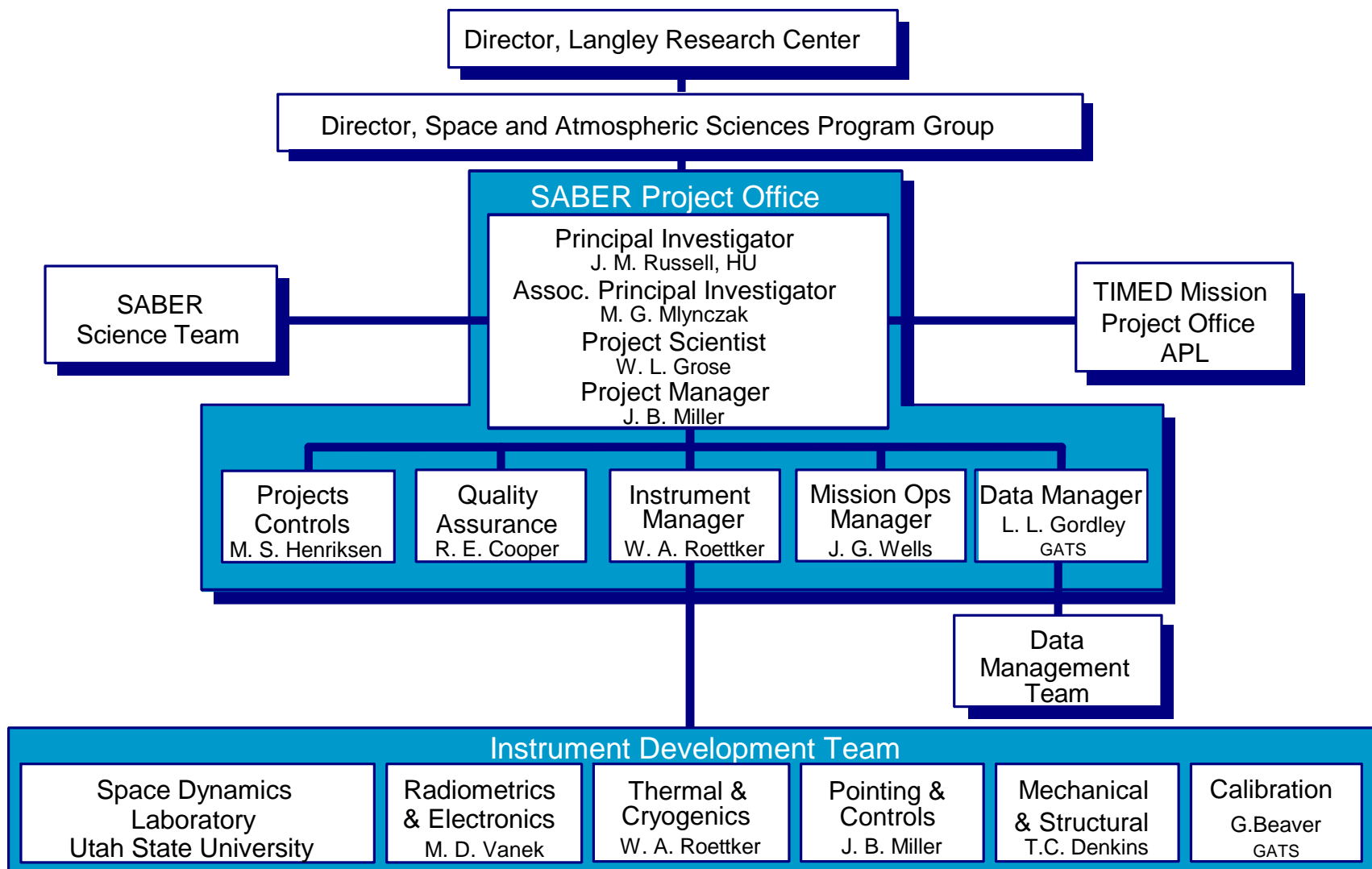
- **Operational Processing**
  - \* - POC Development and Operations
  - \* - Level 0 Processing - Raw Data
  - \* - Level 1 Processing - Data Conditioning
  - \* - Level 2A Processing - Retrievals of Routine Products
- **Calibration Support**
  - Process Consulting
  - Data Analysis
- **Analysis Product - Support of Retrieval Development**

\* Covered by this review.

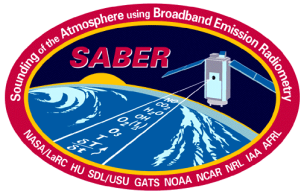
LG-2



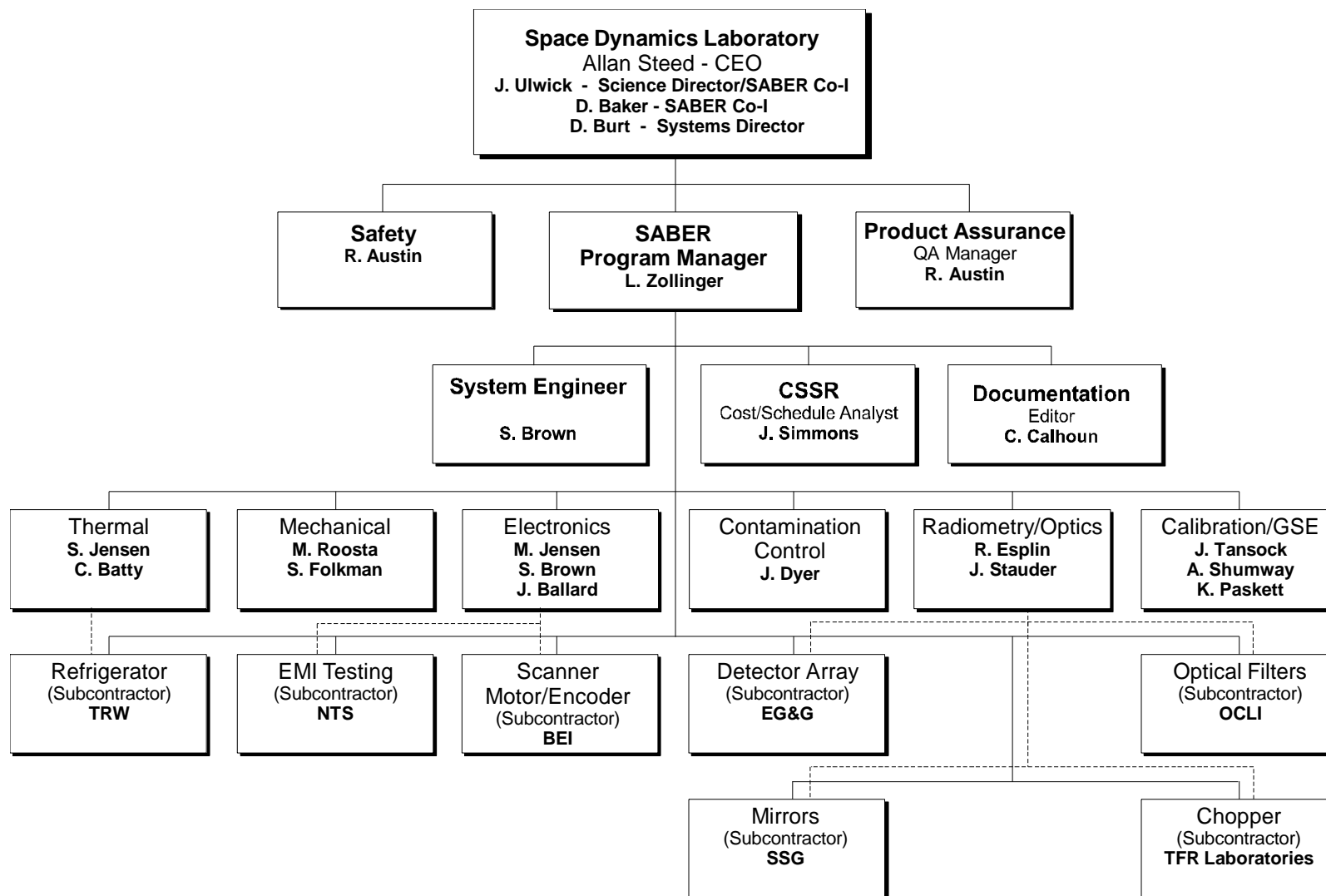
# SABER Project Organization



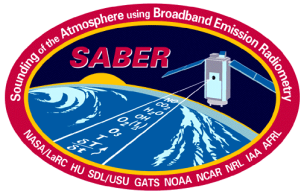
LG-3



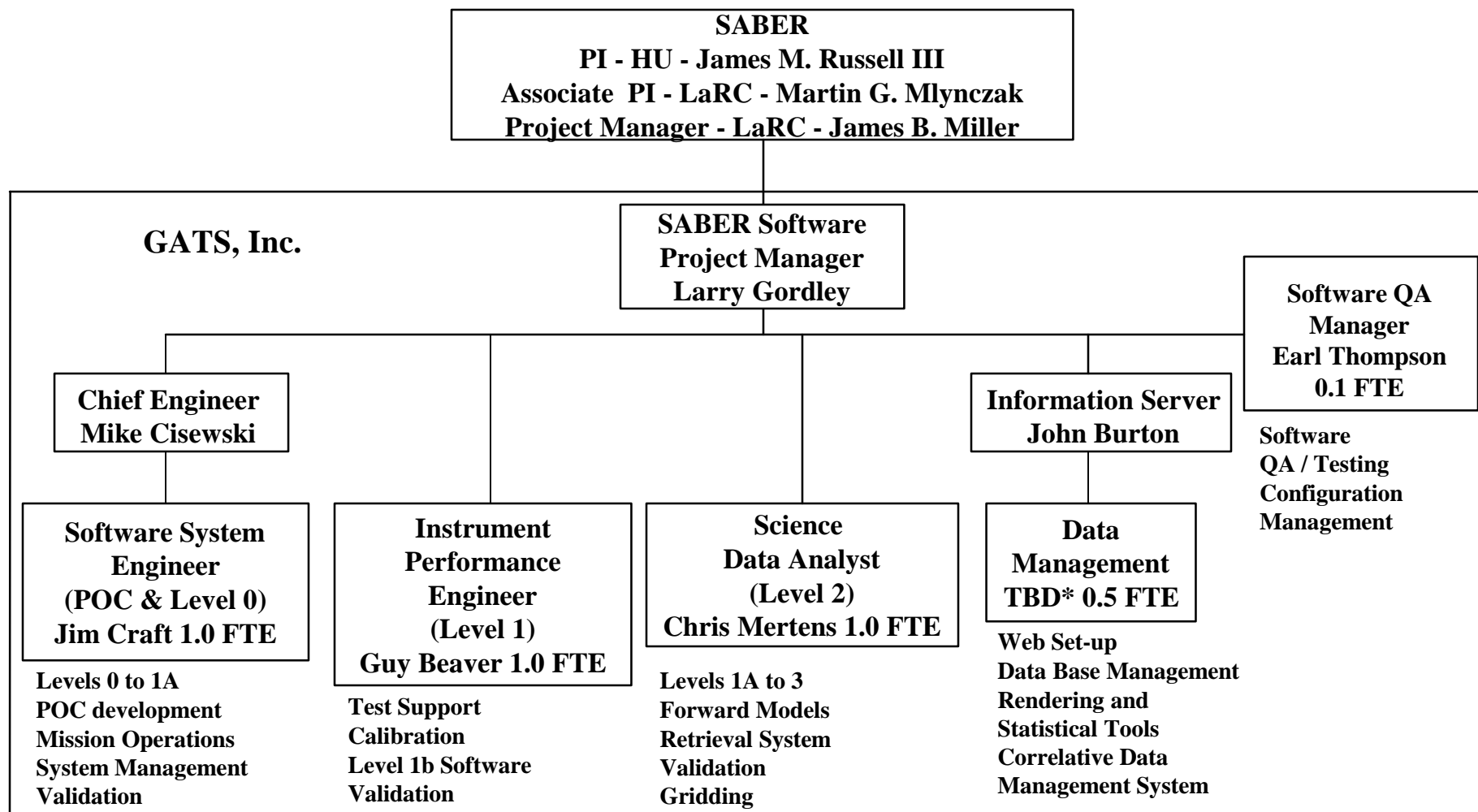
# SDL/USU SABER Organization Chart



LG4

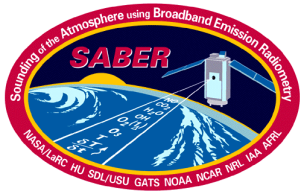


# GATS SABER STAFFING



\* Will be matrixed.  
 FTE Full Time Equivalent

LG-5



# GOAL



## Maximize our value to the SABER Project

- **Codes**
  - Radiative Transfer
  - Retrieval
  - Data Conditioning
  - Validation Utilities
  - Calibration
- **Experience**
  - LIMS, HALOE, CLAES, ISAMS, CRISTA, SAGE, and others
  - Software Development - It's not Hardware
  - Validation Systems - Science Debugging
- **Seamless Integration**
  - POC    Level 0    Level 1    Level 2    Science
- **Communication**
  - State-of-the-art Web application
  - All Minds Engaged
- **Integrated QA**
  - MOA, not appended

LG-6