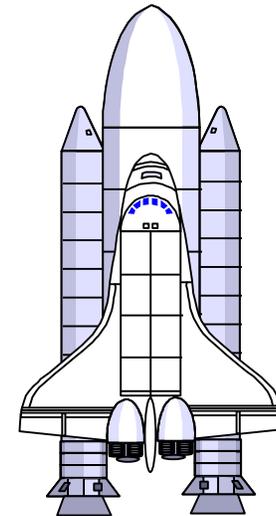
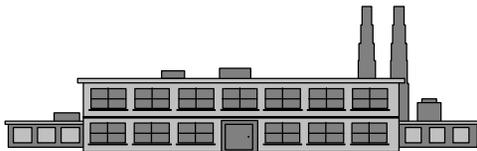
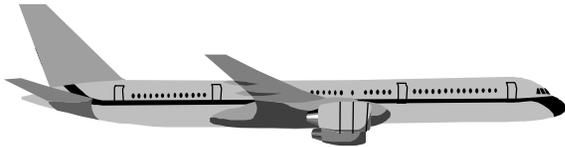
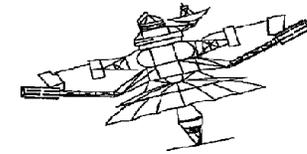




System Safety, Reliability, and Quality Assurance

OSMA

Presentation to Process Control Team



Tom Whitmeyer
Manager, Agency Quality Program
September 26, 2000



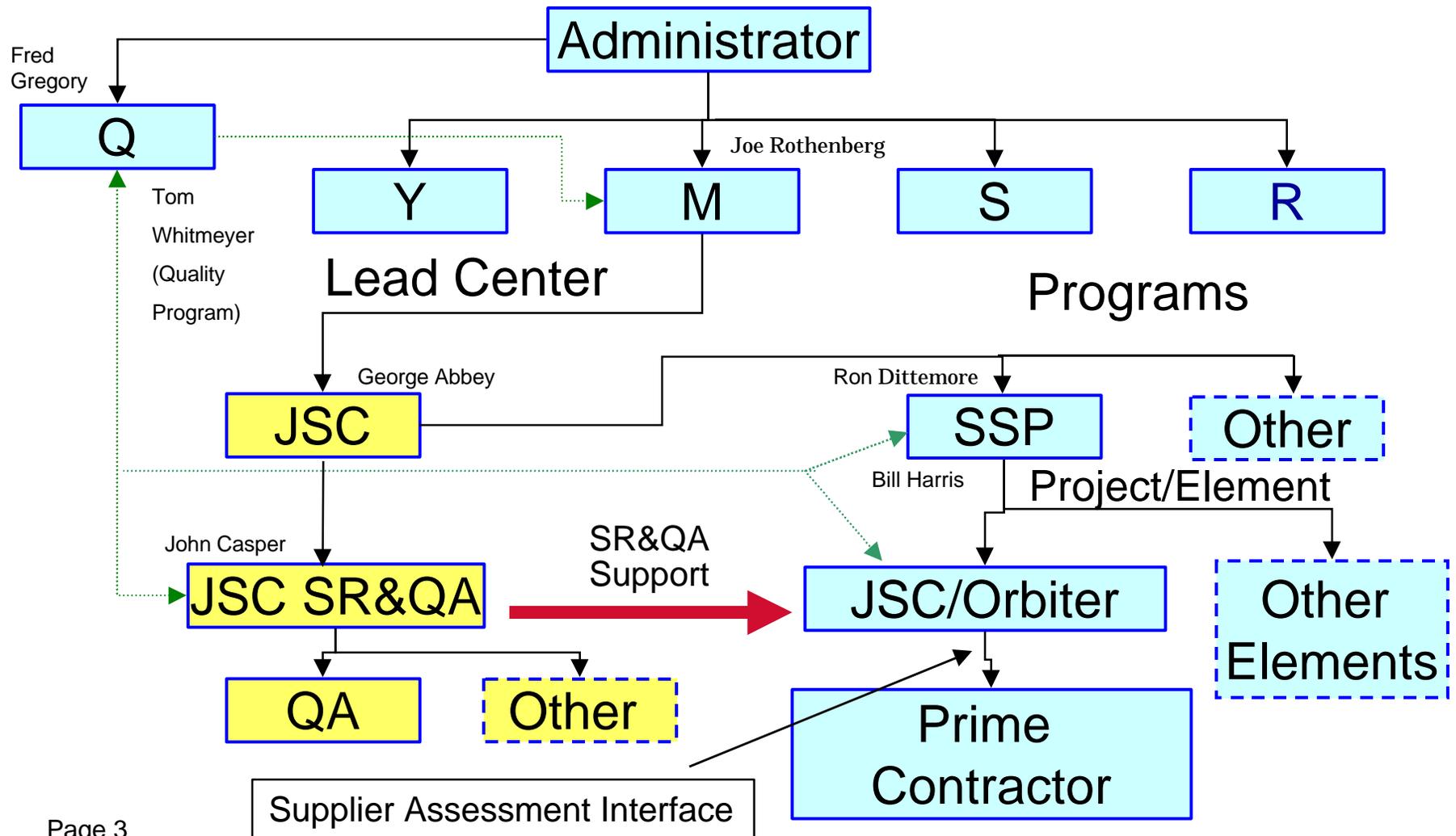
Overview

- Supplier Assessment Organization Structure
- Procurement
- The Five Functions of Supplier Assessment
- Supplier Assessment Cause and Effect
- Supplier Assessment Leveraging
- Supplier Assessment The Bottom Line



Supplier Assessment Organization Structure Within NASA

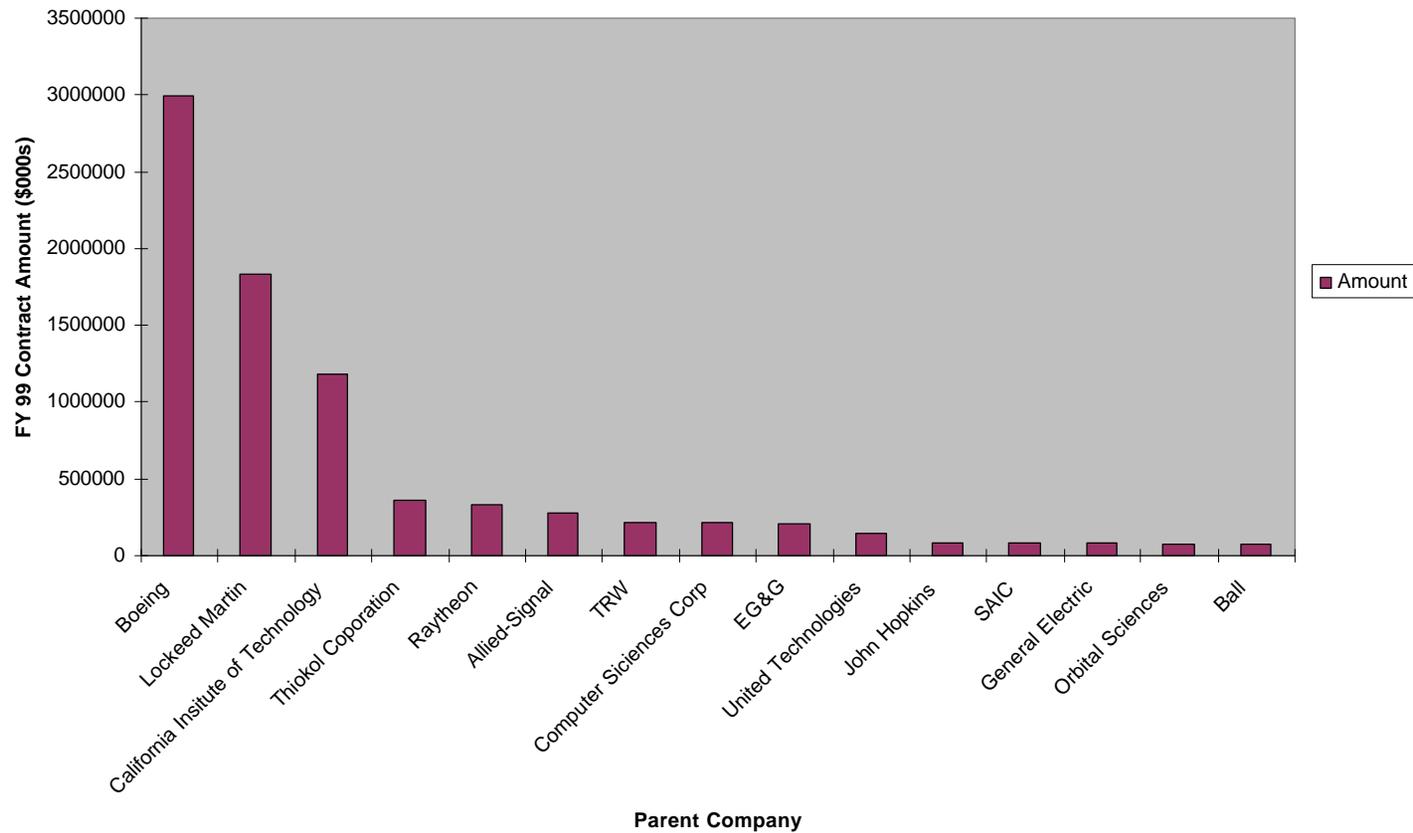
(SSP/Orbiter Example)





Procurement

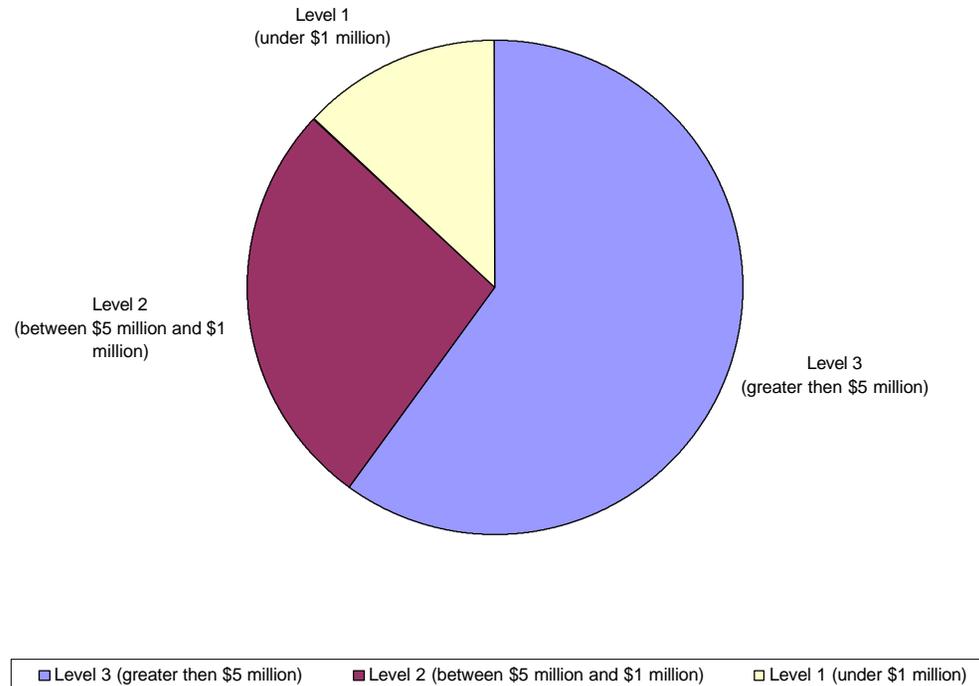
Comparison on NASA Procurement
Total Procurement = 11 Billion out of 13.5 Billion Budget





Procurement

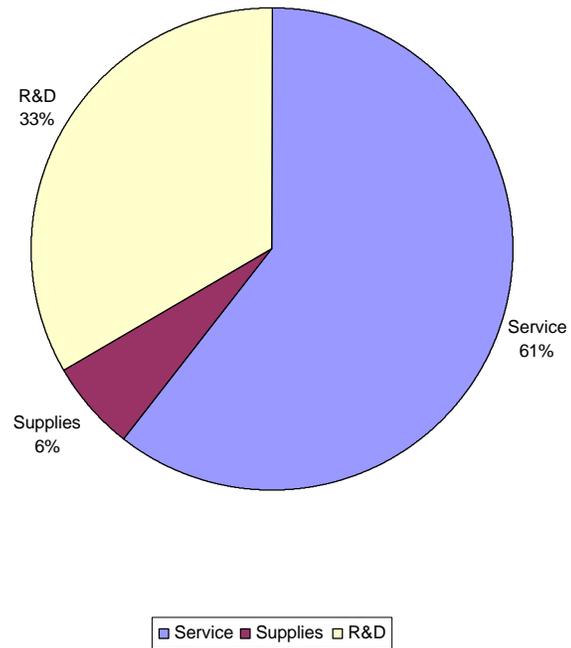
NASA Procurement Spending
FY 2000 Forecast





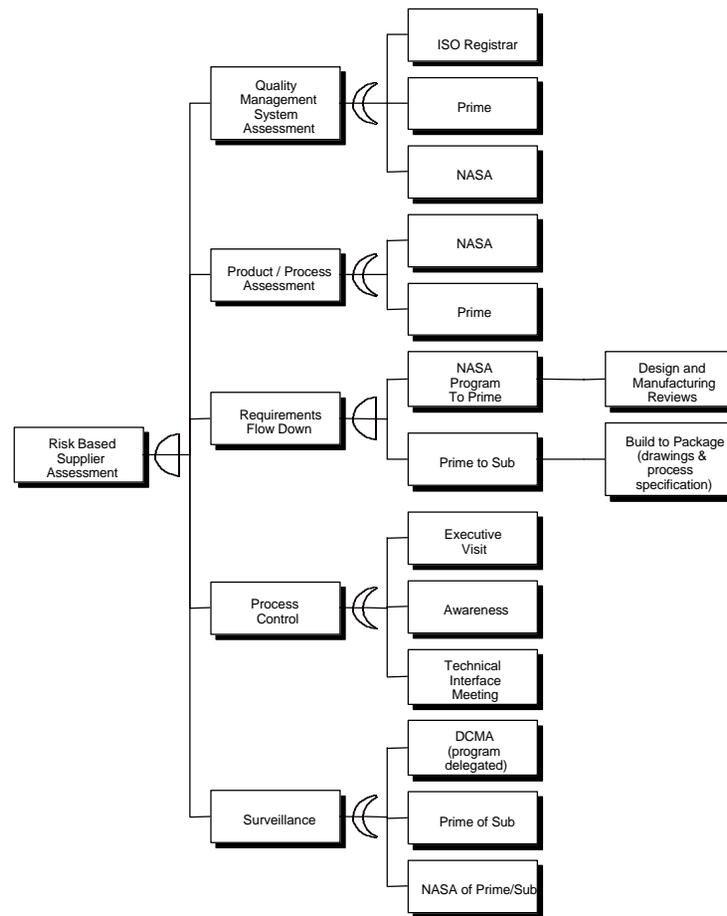
Procurement

Type of Level 3 Contracts





The Five Functions of Supplier Assessment

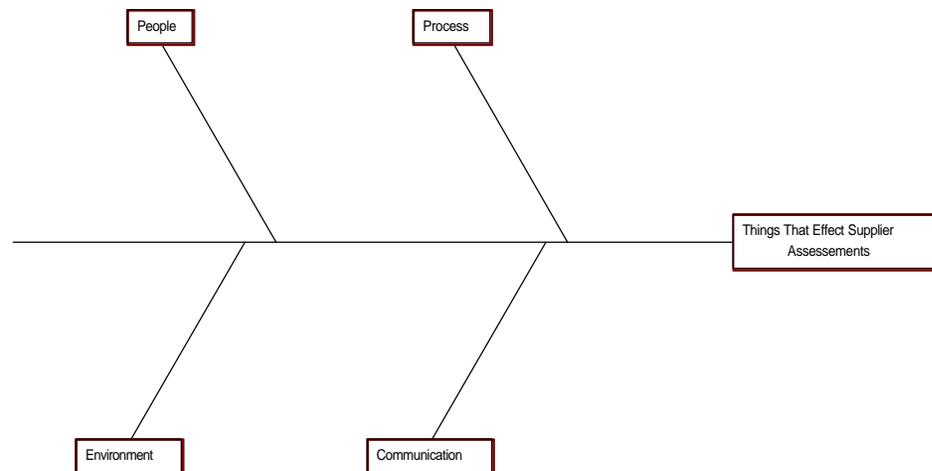


“or” gates represent risk decisions based on confidence in supplier and complexity/criticality of the products/ processes involved



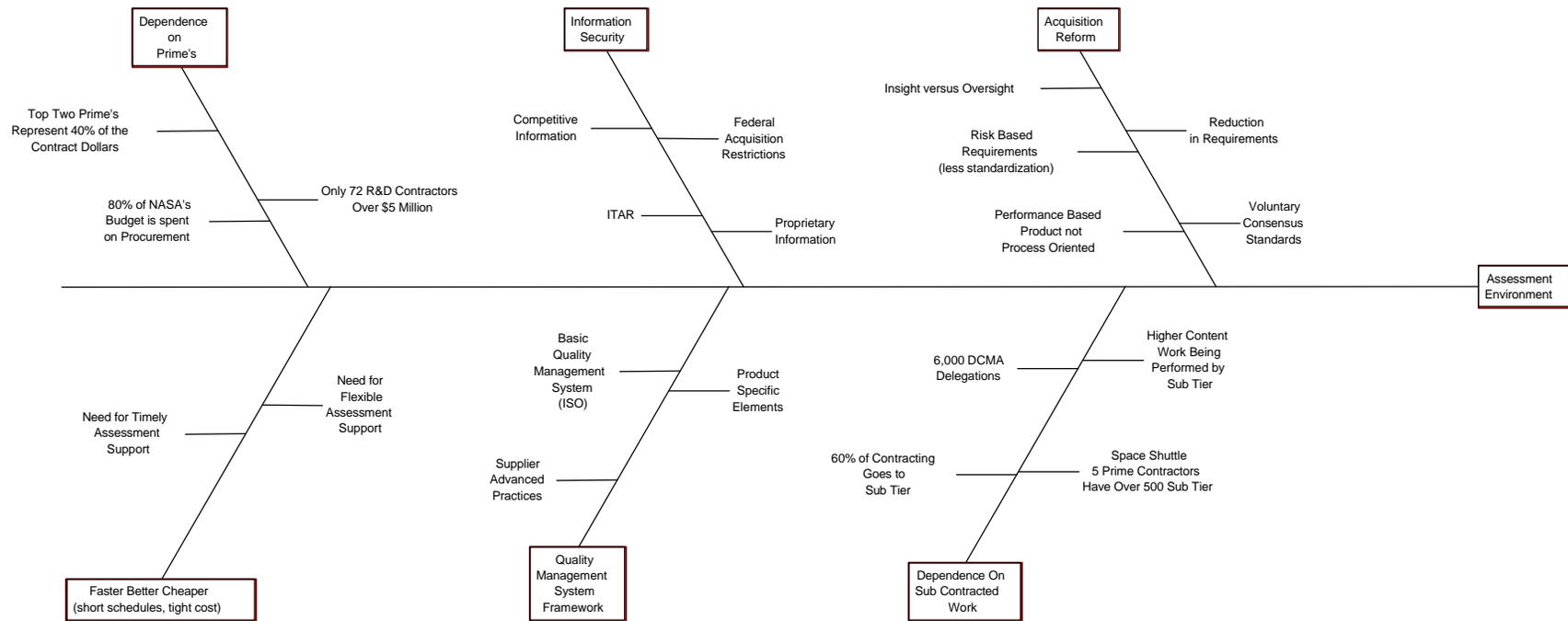
Supplier Assessment Cause and Effect

Supplier Assessment - Cause and Effect



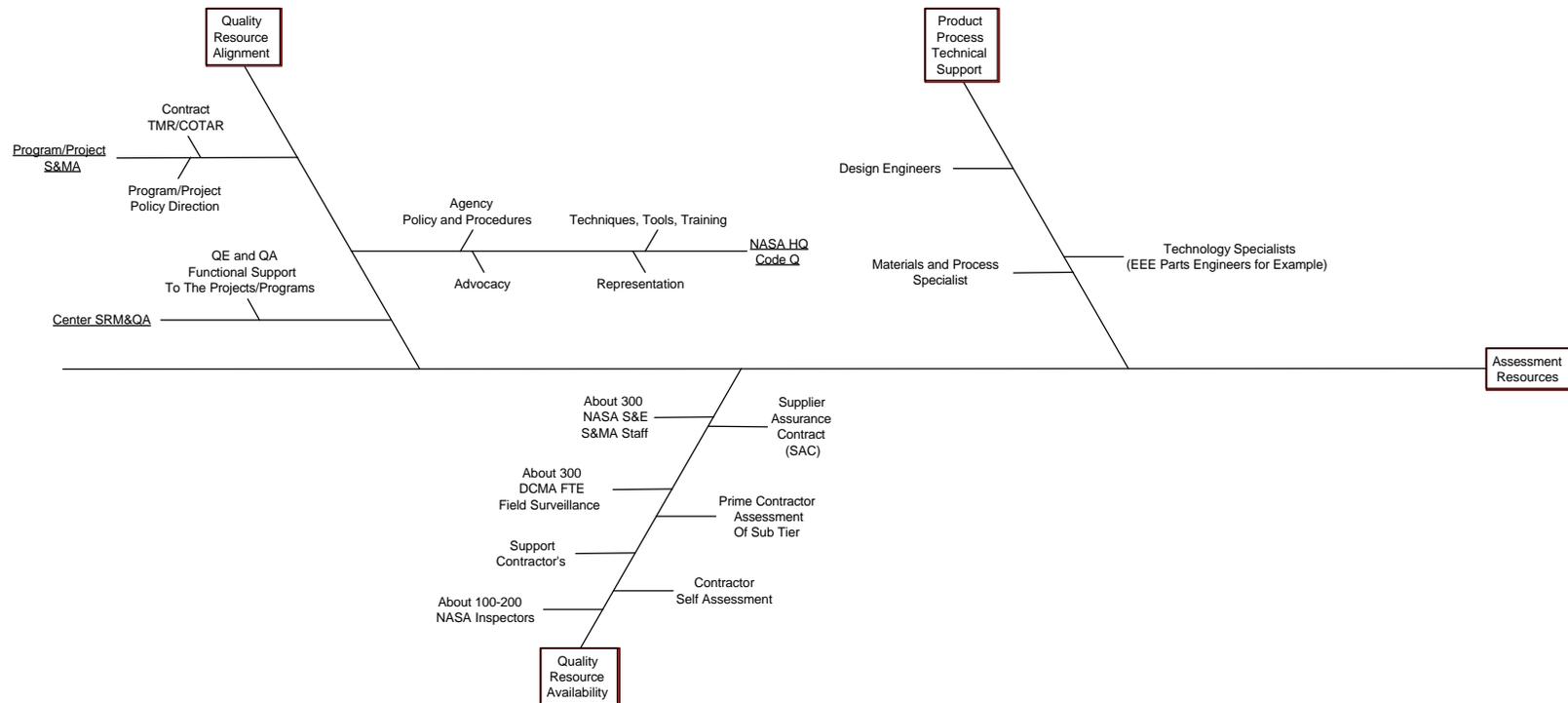


Supplier Assessment Environment



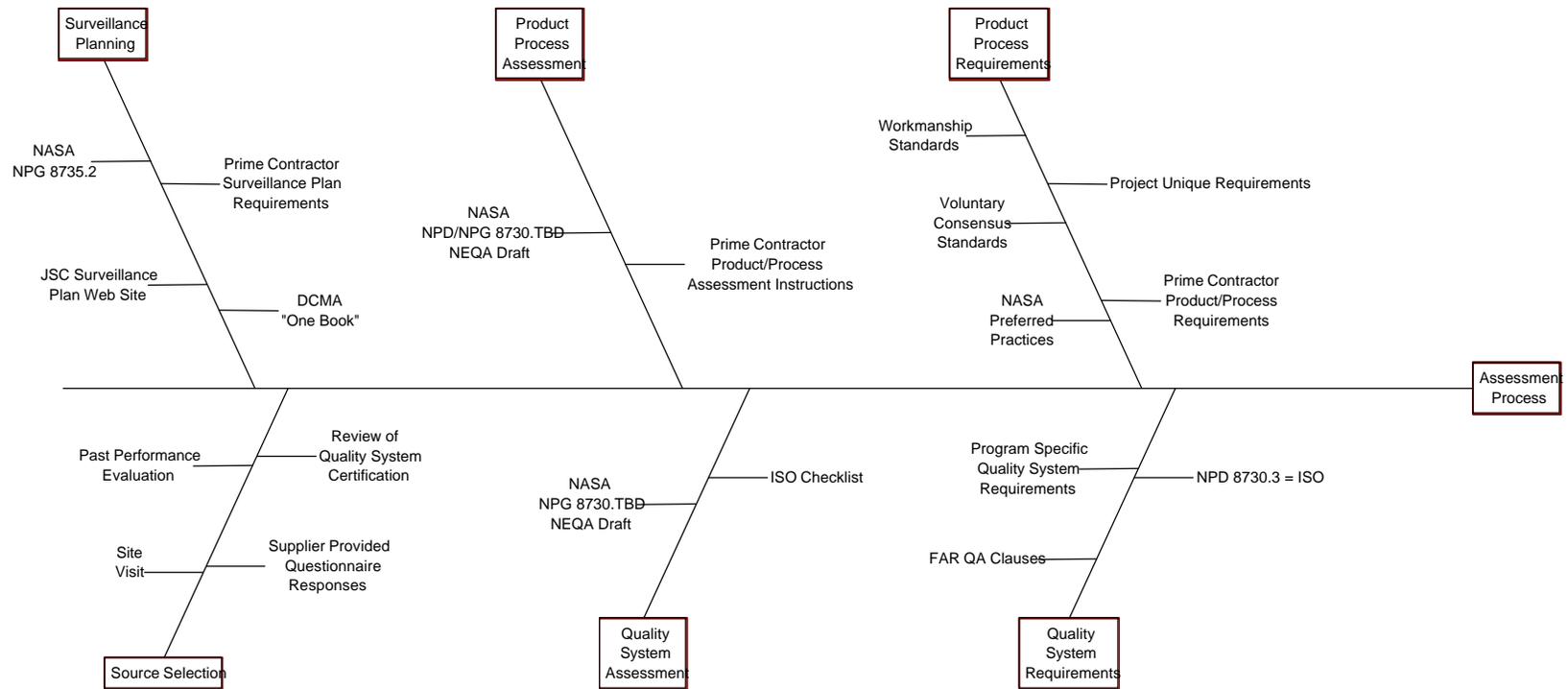


Supplier Assessment Resources



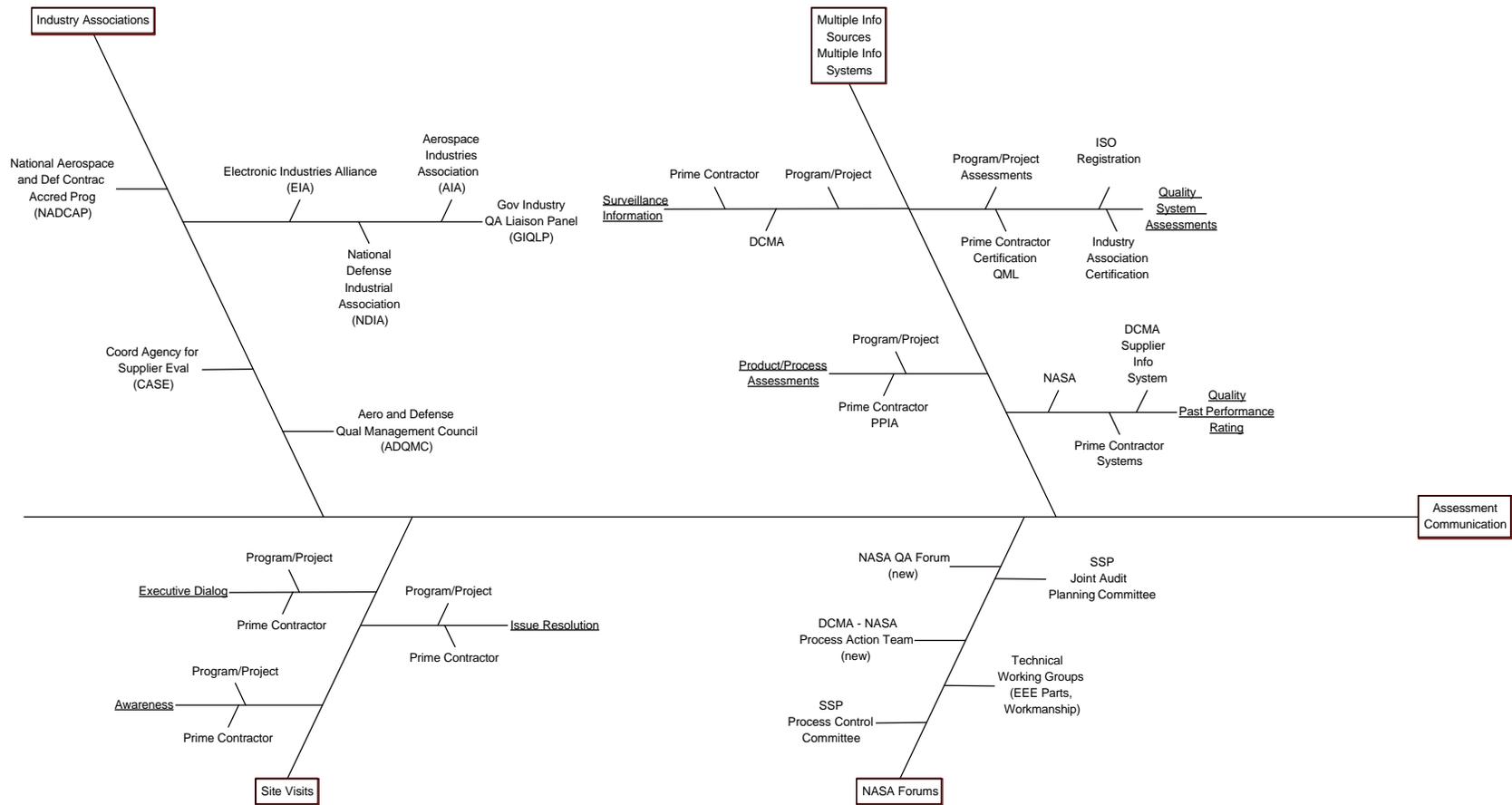


Supplier Assessment Processes



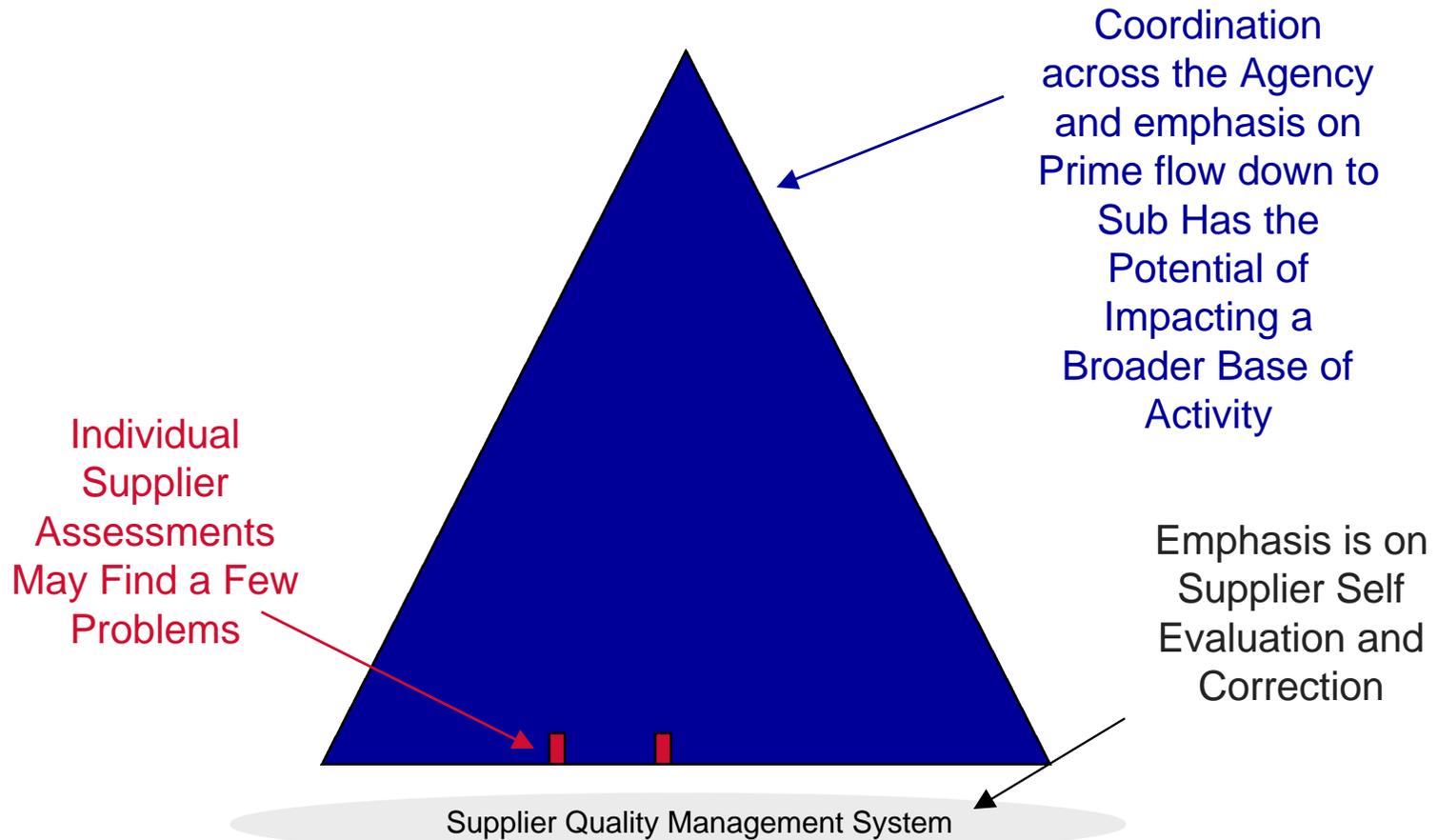


Supplier Assessment Communication





Supplier Assessment Leveraging





Supplier Assessment The Bottom Line

- NASA has multiple organizational supplier assessment interfaces
- NASA has five supplier assessment functions that need to be coordinated and implemented on a risk priority bases
- Commonality in environment, people, process, and communication within NASA offers opportunities for coordination, sharing, and leveraging of supplier assessment functions
- Areas to be discussed
 - * Shared information on assessment scheduling
 - * Shared information on assessment results
 - * Shared resources for conducting assessments
 - * Common approaches to
 - Quality Requirement Flow Down
 - Quality Management Systems/Assessments
 - Product/Process Audits
 - Surveillance
 - Process Control