

***Safety
Directors
Meeting 2001***

Topics

GRC Safety Organization

Ideas To Improve Safety
Mishap Prevention
Lessons Learned

Flight Safety
Self Evaluation
NIAT

Center Needs
NASA Policy Updates
Improvements

**Safety and Assurance Technologies
Directorate/0500
Glenn Safety Office/0530**

Glenn Research Center Presentation

Manuel B. Dominguez

March 20, 2001

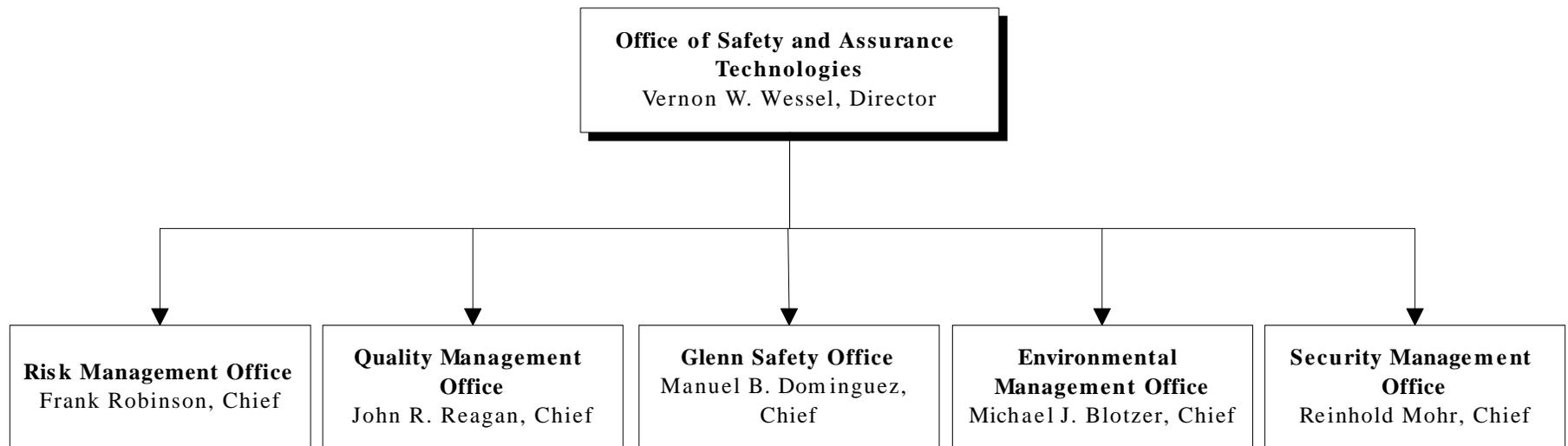
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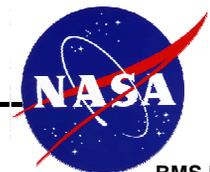
SATD Organization Chart



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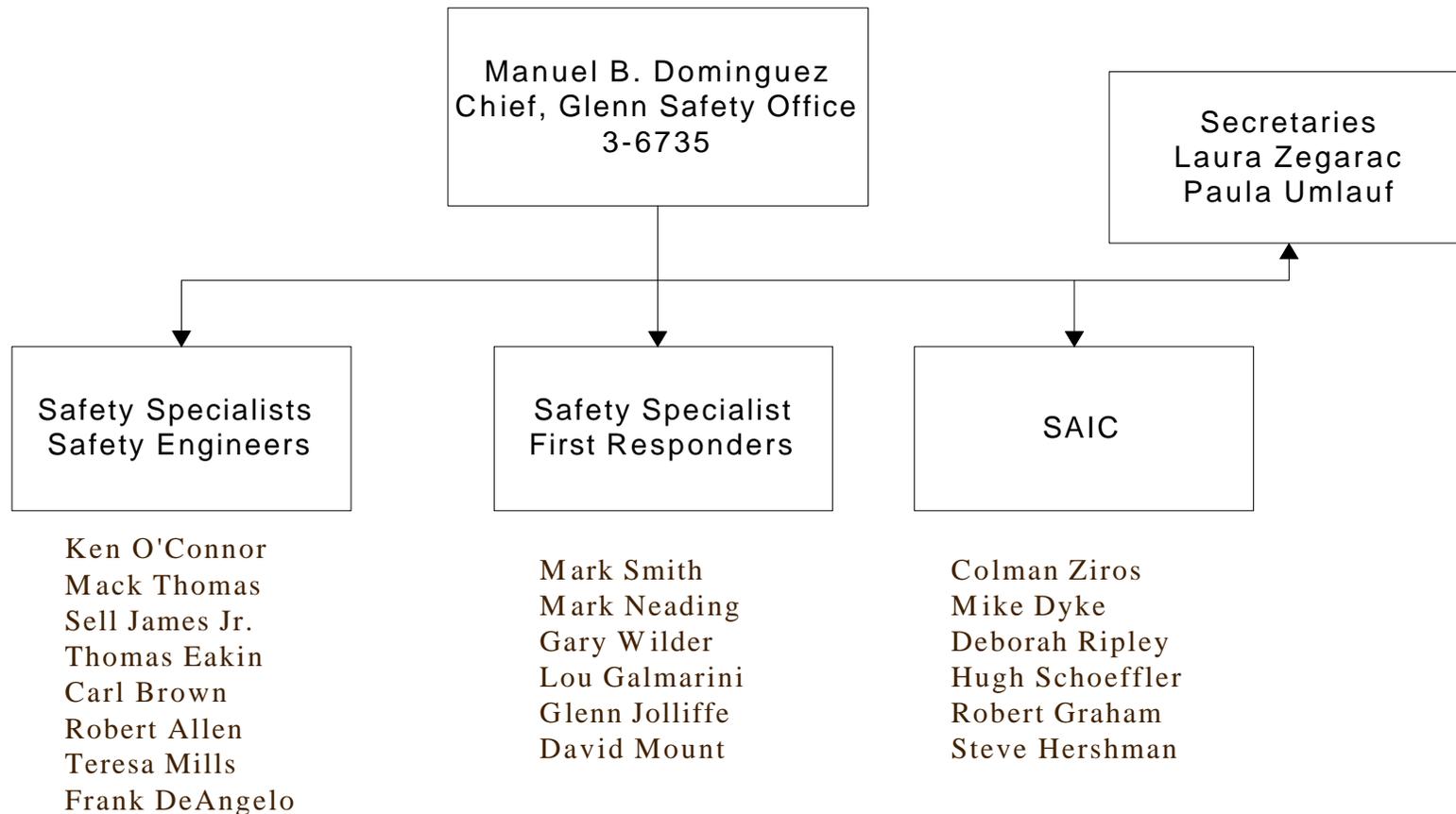
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GSO Organization



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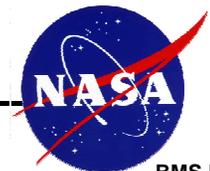
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- Program Leads:
 - System Safety - Risk Management Office
 - Risk Management - Risk Management Office
 - Facility System Safety - Glenn Safety Office
 - Flight Safety - Aviation Safety Committee
 - Fire Safety - Glenn Safety Office
 - Emergency Preparedness - Security Management Office



- GRC Safety Review
 - Public
 - Hartford Steam Boiler Study
 - Astronauts and Pilots
 - Aviation Safety Committee Changes
 - Employees
 - Increase safety awareness program
 - Property and Facilities
 - Facility System Safety Process



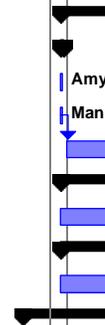
- VPP Implementation
 - PBS will seek Certification FY 02
 - GRC will seek Certification FY03
 - Plans were coordinated with OSHA
 - Plans were approved by Executive Safety Board
- RBAM
 - Developed process with Procurement Division
 - Current process under review to ensure BMS compliance



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VPP Plan

ID	Task Name	Duration	Start	Finish	Predecessors	1st Quarter				2nd
						Dec	Jan	Feb	Mar	Apr
35	GRC/MC	45 days	Mon 8/13/01	Fri 10/12/01						
36	GAP Analysis	5 days	Mon 8/13/01	Fri 8/17/01						
37	Asses Results of Gap Analysis	20 days	Mon 8/20/01	Fri 9/14/01						
38	Review Implementation Plan	10 days	Mon 9/17/01	Fri 9/28/01	37					
39	Update implementation Plan	10 days	Mon 10/1/01	Fri 10/12/01	38					
40	Internal Audit Process	454 days	Tue 5/1/01	Fri 1/24/03						
41	Define Internal Audit Protocol	22 days	Tue 5/1/01	Wed 5/30/01						
42	Implement Internal Audit Process	21 days	Fri 6/1/01	Fri 6/29/01						
43	1st Internal Review (PBS)	4 days	Tue 6/12/01	Fri 6/15/01						
44	1st Internal Review (GRC)	10 days	Mon 1/7/02	Fri 1/18/02						
45	2nd Internal Review (GRC)	10 days	Mon 1/13/03	Fri 1/24/03						
46	VPP Support Team	441 days	Mon 3/26/01	Mon 12/2/02						
47	Establish Team (safety rep from Directorates)	1 day	Mon 3/26/01	Mon 3/26/01						
48	GRC/PBS	1 day	Mon 3/26/01	Mon 3/26/01						
49	GRC/MC	1 day	Mon 3/26/01	Mon 3/26/01						
50	Support implementaton support plan	437 days	Fri 3/30/01	Mon 12/2/02	49					
51	Contractor Safety Council	570 days	Mon 3/26/01	Fri 5/30/03						
52	Support Implementation Plan	570 days	Mon 3/26/01	Fri 5/30/03						
53	Labor Management Safety & Health Council	570 days	Mon 3/26/01	Fri 5/30/03						
54	Support Implementation Plan	570 days	Mon 3/26/01	Fri 5/30/03						
55	Awareness Campaign	587 days	Thu 3/1/01	Fri 5/30/03						
56	Develop VPP awareness program	544 days	Tue 5/1/01	Fri 5/30/03						
57	Supervisors	501 days	Tue 5/1/01	Tue 4/1/03						
58	GRC/PBS	175 days	Tue 5/1/01	Mon 12/31/01						
59	GRC/MC	501 days	Tue 5/1/01	Tue 4/1/03						
60	Employees	501 days	Tue 5/1/01	Tue 4/1/03						



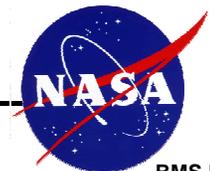
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- GSO Implementation
 - We will be working with the Quality Management Office to ensure that Lessons Learned issues identified during mishap reports are incorporated into the system.



- Aviation Safety Committee
 - Provides direct oversight to Aviation Safety at GRC.
 - Aviation Safety Officer does have access to the Center Director
 - Aviation Safety Officer address safety needs and concerns to the Executive Safety Board



- Safety Program Self Evaluation
 - Completed February 2001
 - All findings were already included in the GSO Master Program Plan



- Health and Safety
 - Implementation of ASI
 - Continue to implement plan developed in 1998
 - Reduction of Stress
 - Support plan developed by Occupational Medicine
 - Training to employees and supervisors
 - New modules were developed at GRC/PBS



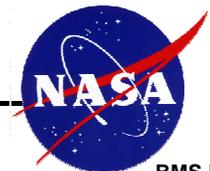
- **Safety and Mission Assurance**
 - SMA Program Involvement
 - GSO is involved in every research and construction program at the Center
 - Enhance Skills
 - Staff have an IDP to ensure overall employee development
 - Mishap Reporting Process
 - GSO manages the Mishap Reporting Process and provides guidance to GRC personnel
 - GSO provides training to all supervisors on mishap reporting and coordinates closure plans



- Remove Hiring Freeze for Safety and Assurance Technologies functions at Code R Centers



- VPP Review
 - PBS needs a VPP Review 7/01
 - GRC needs a GAP analysis 8/01



- DuPont Support
 - Review of Program and Training Senior Staff
- Hartford Steam Boiler Study
 - Causal Factors
- Ergonomics Program
 - A team approach to implementation
 - The Best in the Agency
- Contractor Safety Council

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