

Health and Safety Managers Meeting  
Cocoa Beach, FL  
February 1-3, 2006

John H. Glenn Research Center  
Cleveland, OH.

Safety, Health, and Environmental Division  
(SHED)



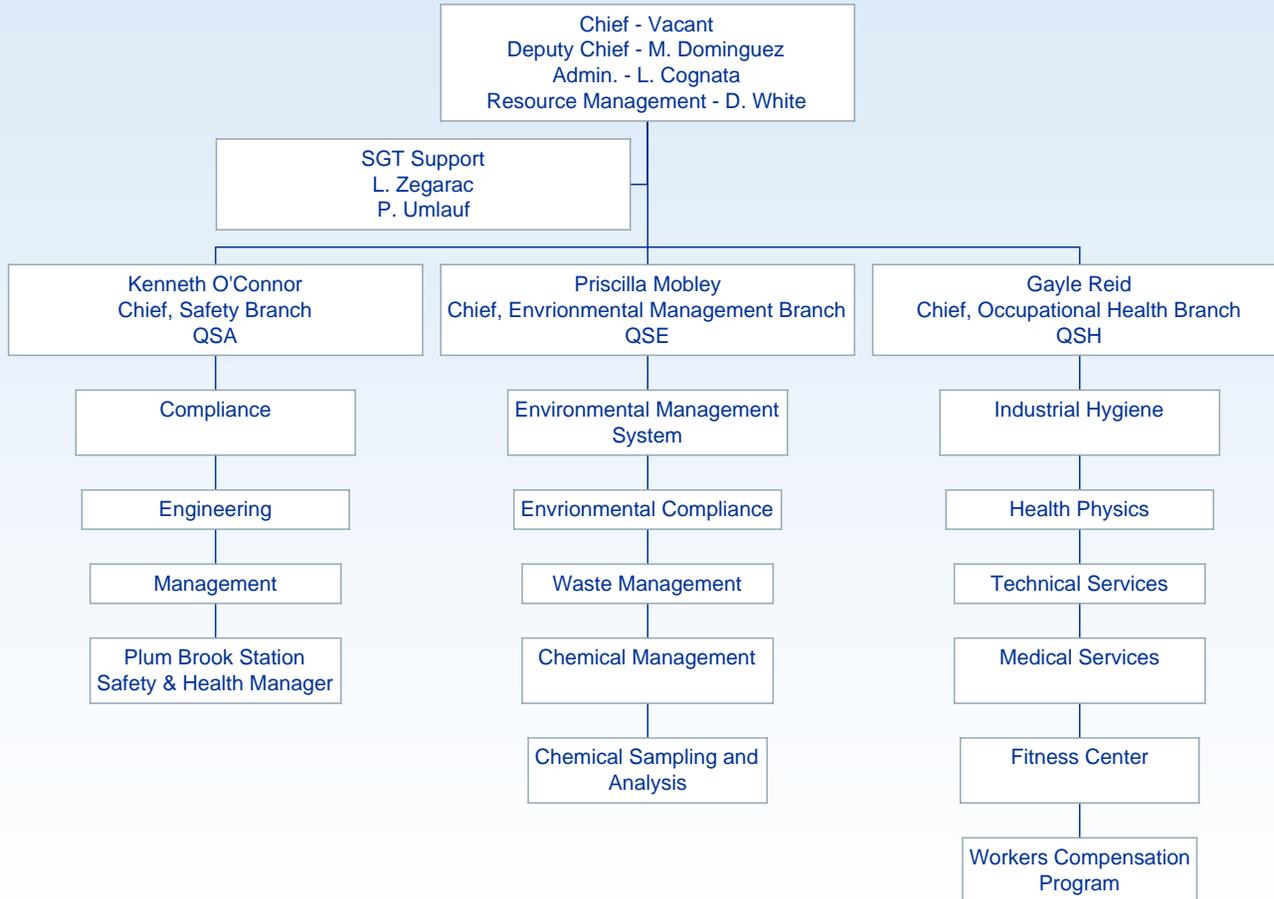
# QS/Safety, Health, and Environmental Division

New Division Structure Initiated June, 2005

## Safety, Health, and Environmental Division Mission

The Safety, Health, and Environmental Division enables mission success by ensuring that our customer and partner operations are safe, healthful, protective of the environment, and sustainable for future generations.

## Safety, Health, and Environmental Division (QS)



# QSA/Safety Branch

## Personnel Resources

- Current staff of:
  - 6 First Responders/Safety Specialists
  - 3 Safety Specialists
  - 3 Safety Engineers
  - 1 Safety and Health Manager at Plum Brook Station
  - 1 Cleveland State University Co-op student
  - 1 Safety Permit Clerk
  - 5 SAIC support staff
  - 1 Branch Chief

# ACHIEVEMENTS & GOALS

- Safety Training Assessment: JUL 05
- IFO AUDIT: AUG/SEP 05
- Safety Awareness/Recognition: OCT 05
- PEP Survey Completed NOV 05 for ~ 600 CS. Slight improvement over 2003 survey.
- IRIS implementation complete for SSC Supervisors, over 50% of CS Supervisors.
- Electronic Safety Permit System
- Documentation Review
- Emergency Response Review

# IFO Safety Audit - GRC

## *Overall Assessment/Balanced Scorecard By Audit Area*

Audit Area	
Facility Safety	
Lifting Devices and Equipment	
Pressure Vessels and Systems	
Government Industry Data Exchange Program (GIDEP) Alert	
Fire Protection	
Emergency Preparedness with respect to OSHA Compliance	
Metrology and Calibration	
Electrical Safety (Special Interest Item)	

- Red** - No Fly/Full Stop/Go Fix
- Yellow** - Major Issues Identified/Mitigation in Work
- Green** - No Major Programmatic Issues Identified



# IFO Safety Audit – GRC

## Findings Summary By Audit Area

AREA	Critical Noncompliance	Other Noncompliance	Observations	Commendations
Facilities Safety	1	5	4	1
Lifting Devices & Equipment	0	8	6	0
Pressure Systems	0	3	9	1
GIDEP Alerts	0	1	2	0
Fire Protection	0	9	3	1
Emergency Prep wrt OSHA	0	3	0	0
Metrology & Calibration	0	3	1	1
Electrical Safety	2	22	3	0
<b>TOTAL</b>	<b>3</b>	<b>54</b>	<b>27</b>	<b>4</b>

*Critical Noncompliance* – failure to follow requirements that could lead to loss of life or serious injury.

*Other Noncompliance* – failure to comply with a Federal, State, local, Agency or Center requirement that does not present the potential for loss of life or serious injury.

*Observation* – A condition that does not violate requirements but could use improvement or clarification.

*Commendation/Best Practice* – Acknowledgement of something the Center does exceptionally well or a process or practice that would provide significant benefit to other Centers.



# CHALLENGES

- Full Cost Accounting for Safety Committees.
- Funding for Maintenance/Replacement.
- Workforce Transformation Mindset.
  - Our greatest challenge isn't budget, it's attitude.
- Organizational restructuring.

***“Its all about discipline.” J. Mullin, NASA HQ***

# Lessons Learned

***“Leaders create culture. It is their job to change it.”  
(CAIB report, p. 203, August 2003)***

***“The present NASA culture does not yet fully reflect the Agency’s espoused core values of Safety, People, Excellence and Integrity. The culture reflects an organization in transition, with many ongoing initiatives and lack of a clear sense at working levels of “how it all fits together.””***

***(Assessment and Plan for Organizational Culture Change at NASA, BST report, p.3, March 15, 2004)***

***“Perhaps the most difficult, but necessary, challenge confronting our Agency is the call for us to address the element of culture within NASA.”***

***(CAIB Implementation (Diaz) Report, p. ii, March 30, 2004)***

# QSH/Occupational Health Branch

- Health Physics
  - Ionizing Radiation
  - Non-Ionizing radiation
  - Laser radiation
- Industrial Hygiene
  - Biological Research Program
  - Asbestos
  - Lead
  - Bloodborne Pathogens
  - Indoor Air Quality
  - Noise
  - Hearing Conservation
  - Respiratory Protection

# QSH/Occupational Health Branch

- Occupational Medicine
  - Federal Workers Compensation Program
  - Ergonomics
  - Medical Services Contract
  - Fitness Center
  - Employee Assistance Program
  - Food Sanitation

# QSH/Occupational Health Branch

- Changes to Occupational Health Branch Functions
  - Medical Services Contract – Moved from the Office of Human Resources to the Safety, Health, and Environmental Division
  - Employee Assistance Program – Previously a civil servant position residing in the Office of Human Resources, now subcontracted under the Medical Services contract.
  - Federal Workers Compensation Program – Moved from the Office of Human Resources to the Safety, Health, and Environmental Division