

Future Role of Floor Coordinators: Meeting the Challenges of a Maturing Facility

John Quintana, APS Operations Division

Presented at APS/Users Monthly Operation Meeting

9 March 2006



THE UNIVERSITY OF
CHICAGO



U.S. DEPARTMENT OF ENERGY

Argonne National Laboratory is managed by
The University of Chicago for the U.S. Department of Energy

History

- The Floor Coordinators have been a vital part of the APS since the construction phase of the facility.
 - Floor Coordinators would coordinate activities that beamlines required in order to construct beamlines and then coordinate services between APS/ANL and mostly non APS resident User staff.
 - Floor Coordinators effectively provided the “front face” of the APS to all of the resident users and still serve this function today.
 - Provide shift work floor operations functions (posting ESAFS etc...)
- Previously, the Floor Coordinators existed as a separate APS group (Experiment Floor Operations), a few years ago, they were combined with the Beamline Technical Support Group to form the current Experiment Operations Support Group.
- Floor Coordinator services are broadly broken down as:
 - Operations and Safety
 - Technical Support
 - Engineering Coordination and Radiation Safety System Support



Today

- Floor Coordinators Staffing
 - Population
 - *9 people who perform shift work duties*
 - *3 people who perform day shift work duties*
 - The size of this group represents a significant human resource for the APS.
- The combination of the Experiment Floor Operations Group with the Beamline Technical Group a few years ago was an indication of using the facility's resources in the most effective fashion.
 - Equipment and Detector Pools
 - Provide more Technical Support
- AOD is being eliminated and being replaced with the APS Engineering Support Division.
- Consequently, a reevaluation of the functions of all APS groups in view of the new organization is required.



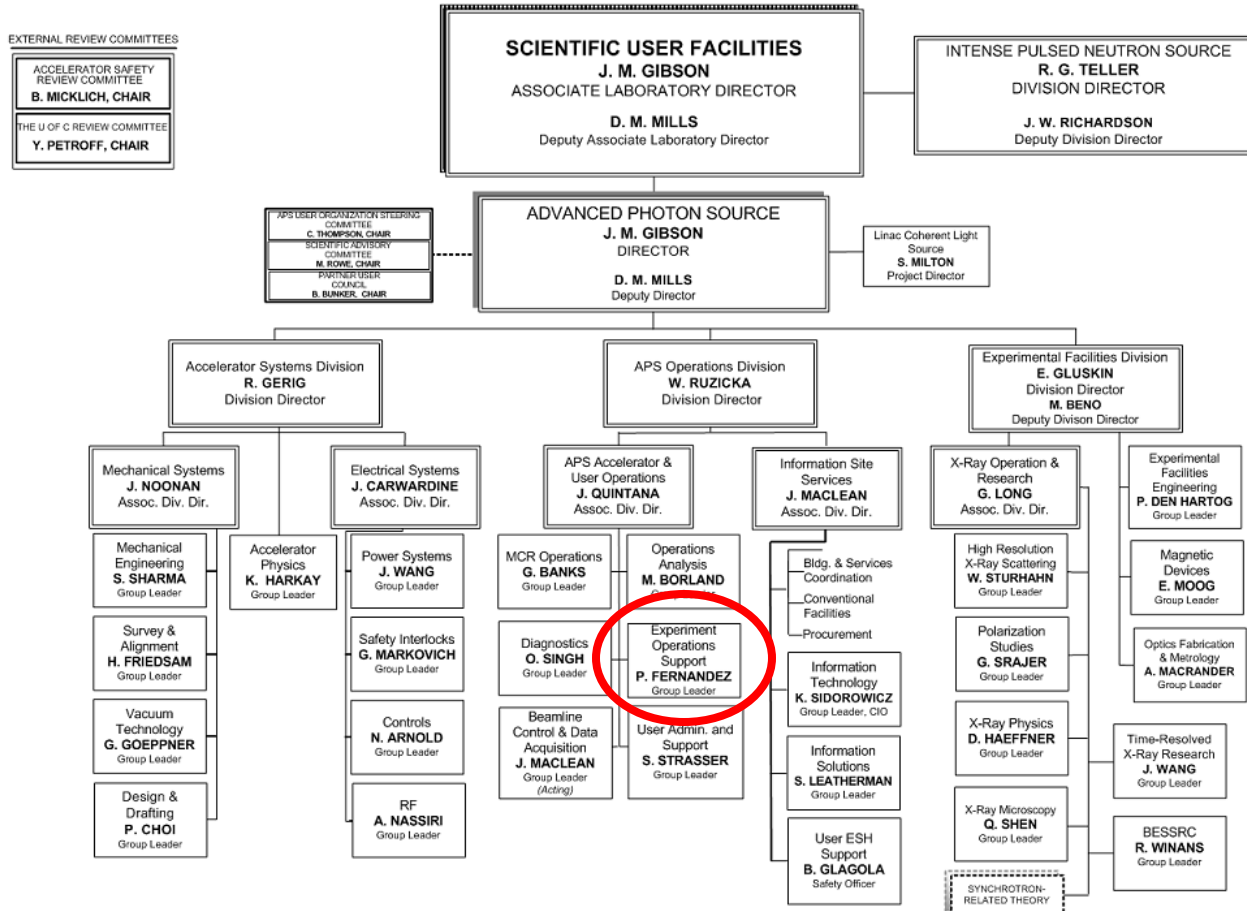


Talk Today

- What I won't talk about:
 - Specific Individual tasks that the floor coordinators perform.
 - *“Who will help me get/do a <fill in the blank>?”*
 - *These details are still being worked out by management and will be resolved prior to any operational impact.*
 - Nothing Changes in the current Floor Coordinator responsibilities for the remainder of this run (2006-1).
- What I will talk about:
 - The overall ideas behind the organization.
 - The general paradigm in the people who retain the title “Floor Coordinator”.



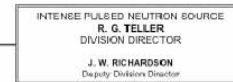
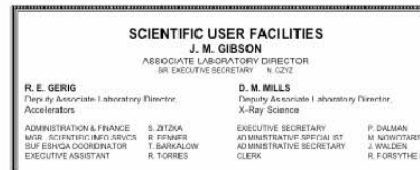
Current Location of the Floor Coordinators within the APS



EOS Contains FC's, Equipment Pool, Detector Pool and Development



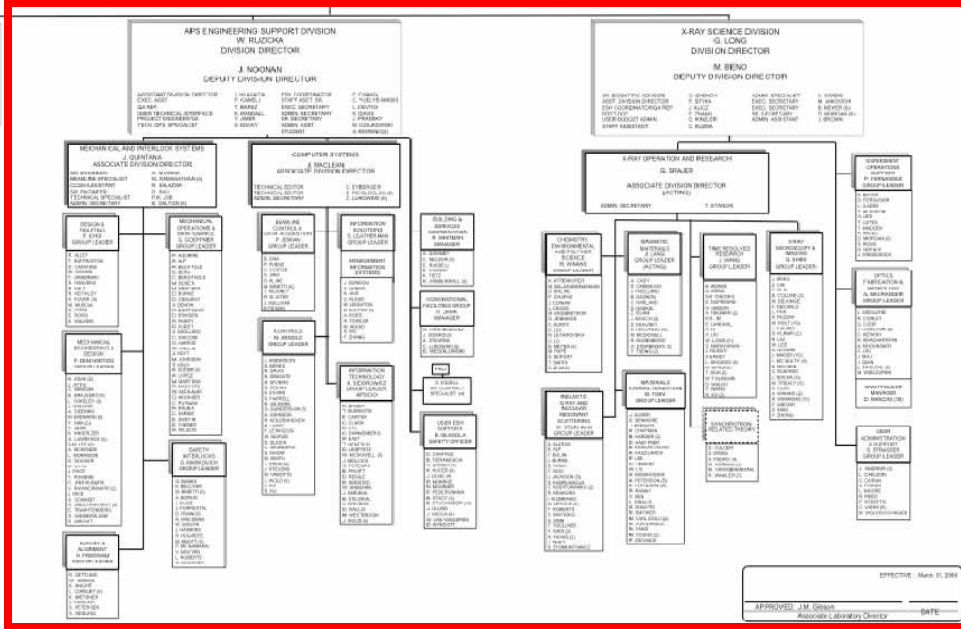
New APS Organization Structure



DRAFT
2/23/06

- EXTERNAL REVIEW COMMITTEES**
- ACCELERATOR SAFETY REVIEW COMMITTEE
B. MICKLICH, CHAIR
 - THE U OF C REVIEW COMMITTEE
Y. PETROFF, CHAIR

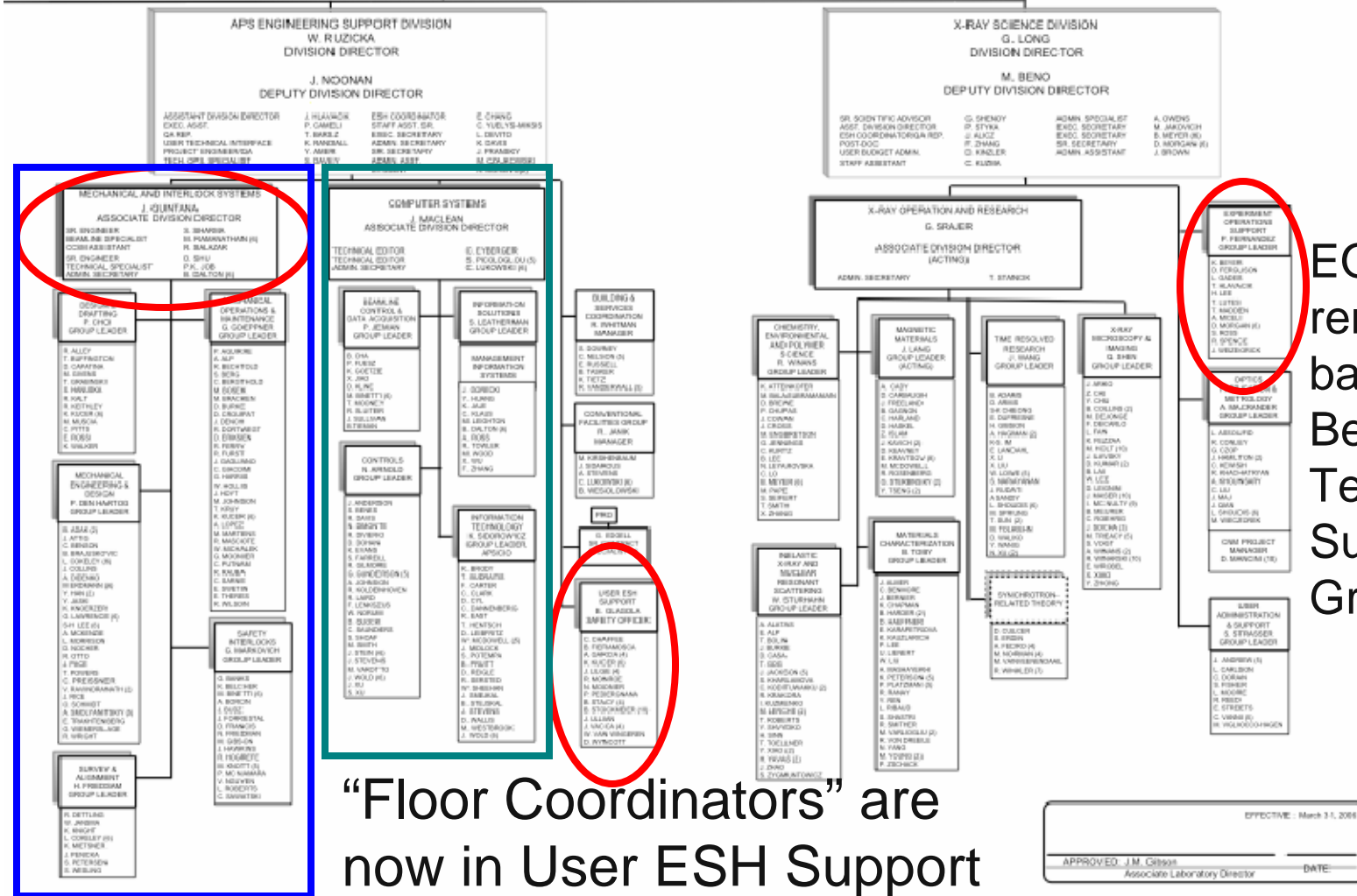
- ADVISORY COMMITTEES**
- AP SOURCE OPERATIONAL STRATEGY COMMITTEE
E. THOMPSON, CHAIR
 - RESEARCH ADVISORY COMMITTEE
P. BILZ, CHAIR
 - AP SOURCE OPERATIONAL STRATEGY COMMITTEE
E. THOMPSON, CHAIR



- ABBREVIATIONS**
- AS: ADMINISTRATIVE SECRETARY
 - EA: EXECUTIVE ASSISTANT
 - BS: BUSINESS SECRETARY
 - BC: BUSINESS COORDINATOR
 - GL: GROUP LEADER
 - AD: ASSISTANT DIVISION DIRECTOR
 - AD2: ASSISTANT DIVISION DIRECTOR
 - AD3: ASSISTANT DIVISION DIRECTOR
 - AD4: ASSISTANT DIVISION DIRECTOR
 - AD5: ASSISTANT DIVISION DIRECTOR
 - AD6: ASSISTANT DIVISION DIRECTOR
 - AD7: ASSISTANT DIVISION DIRECTOR
 - AD8: ASSISTANT DIVISION DIRECTOR
 - AD9: ASSISTANT DIVISION DIRECTOR
 - AD10: ASSISTANT DIVISION DIRECTOR
 - AD11: ASSISTANT DIVISION DIRECTOR
 - AD12: ASSISTANT DIVISION DIRECTOR
 - AD13: ASSISTANT DIVISION DIRECTOR
 - AD14: ASSISTANT DIVISION DIRECTOR
 - AD15: ASSISTANT DIVISION DIRECTOR
 - AD16: ASSISTANT DIVISION DIRECTOR
 - AD17: ASSISTANT DIVISION DIRECTOR
 - AD18: ASSISTANT DIVISION DIRECTOR
 - AD19: ASSISTANT DIVISION DIRECTOR
 - AD20: ASSISTANT DIVISION DIRECTOR
 - AD21: ASSISTANT DIVISION DIRECTOR
 - AD22: ASSISTANT DIVISION DIRECTOR
 - AD23: ASSISTANT DIVISION DIRECTOR
 - AD24: ASSISTANT DIVISION DIRECTOR
 - AD25: ASSISTANT DIVISION DIRECTOR
 - AD26: ASSISTANT DIVISION DIRECTOR
 - AD27: ASSISTANT DIVISION DIRECTOR
 - AD28: ASSISTANT DIVISION DIRECTOR
 - AD29: ASSISTANT DIVISION DIRECTOR
 - AD30: ASSISTANT DIVISION DIRECTOR
 - AD31: ASSISTANT DIVISION DIRECTOR
 - AD32: ASSISTANT DIVISION DIRECTOR
 - AD33: ASSISTANT DIVISION DIRECTOR
 - AD34: ASSISTANT DIVISION DIRECTOR
 - AD35: ASSISTANT DIVISION DIRECTOR
 - AD36: ASSISTANT DIVISION DIRECTOR
 - AD37: ASSISTANT DIVISION DIRECTOR
 - AD38: ASSISTANT DIVISION DIRECTOR
 - AD39: ASSISTANT DIVISION DIRECTOR
 - AD40: ASSISTANT DIVISION DIRECTOR
 - AD41: ASSISTANT DIVISION DIRECTOR
 - AD42: ASSISTANT DIVISION DIRECTOR
 - AD43: ASSISTANT DIVISION DIRECTOR
 - AD44: ASSISTANT DIVISION DIRECTOR
 - AD45: ASSISTANT DIVISION DIRECTOR
 - AD46: ASSISTANT DIVISION DIRECTOR
 - AD47: ASSISTANT DIVISION DIRECTOR
 - AD48: ASSISTANT DIVISION DIRECTOR
 - AD49: ASSISTANT DIVISION DIRECTOR
 - AD50: ASSISTANT DIVISION DIRECTOR
 - AD51: ASSISTANT DIVISION DIRECTOR
 - AD52: ASSISTANT DIVISION DIRECTOR
 - AD53: ASSISTANT DIVISION DIRECTOR
 - AD54: ASSISTANT DIVISION DIRECTOR
 - AD55: ASSISTANT DIVISION DIRECTOR
 - AD56: ASSISTANT DIVISION DIRECTOR
 - AD57: ASSISTANT DIVISION DIRECTOR
 - AD58: ASSISTANT DIVISION DIRECTOR
 - AD59: ASSISTANT DIVISION DIRECTOR
 - AD60: ASSISTANT DIVISION DIRECTOR
 - AD61: ASSISTANT DIVISION DIRECTOR
 - AD62: ASSISTANT DIVISION DIRECTOR
 - AD63: ASSISTANT DIVISION DIRECTOR
 - AD64: ASSISTANT DIVISION DIRECTOR
 - AD65: ASSISTANT DIVISION DIRECTOR
 - AD66: ASSISTANT DIVISION DIRECTOR
 - AD67: ASSISTANT DIVISION DIRECTOR
 - AD68: ASSISTANT DIVISION DIRECTOR
 - AD69: ASSISTANT DIVISION DIRECTOR
 - AD70: ASSISTANT DIVISION DIRECTOR
 - AD71: ASSISTANT DIVISION DIRECTOR
 - AD72: ASSISTANT DIVISION DIRECTOR
 - AD73: ASSISTANT DIVISION DIRECTOR
 - AD74: ASSISTANT DIVISION DIRECTOR
 - AD75: ASSISTANT DIVISION DIRECTOR
 - AD76: ASSISTANT DIVISION DIRECTOR
 - AD77: ASSISTANT DIVISION DIRECTOR
 - AD78: ASSISTANT DIVISION DIRECTOR
 - AD79: ASSISTANT DIVISION DIRECTOR
 - AD80: ASSISTANT DIVISION DIRECTOR
 - AD81: ASSISTANT DIVISION DIRECTOR
 - AD82: ASSISTANT DIVISION DIRECTOR
 - AD83: ASSISTANT DIVISION DIRECTOR
 - AD84: ASSISTANT DIVISION DIRECTOR
 - AD85: ASSISTANT DIVISION DIRECTOR
 - AD86: ASSISTANT DIVISION DIRECTOR
 - AD87: ASSISTANT DIVISION DIRECTOR
 - AD88: ASSISTANT DIVISION DIRECTOR
 - AD89: ASSISTANT DIVISION DIRECTOR
 - AD90: ASSISTANT DIVISION DIRECTOR
 - AD91: ASSISTANT DIVISION DIRECTOR
 - AD92: ASSISTANT DIVISION DIRECTOR
 - AD93: ASSISTANT DIVISION DIRECTOR
 - AD94: ASSISTANT DIVISION DIRECTOR
 - AD95: ASSISTANT DIVISION DIRECTOR
 - AD96: ASSISTANT DIVISION DIRECTOR
 - AD97: ASSISTANT DIVISION DIRECTOR
 - AD98: ASSISTANT DIVISION DIRECTOR
 - AD99: ASSISTANT DIVISION DIRECTOR
 - AD100: ASSISTANT DIVISION DIRECTOR

APPROVED: J.M. Gibson
Associate Laboratory Director DATE

Location of Floor Coordinator Functions, Engineering Services, and Computer Support in New Organization



EOS to be renamed back to Beamline Technical Support Group

“Floor Coordinators” are now in User ESH Support



Future Role of the Floor Coordinators

- Three family of functions are being separated.
 - Operations and Safety (User ESH Support/AES)
 - Technical Support (Beamline Technical Support Group/XSD)
 - Engineering Coordination and Radiation Safety System Support (Mechanical and Interlock Systems)
- Floor Coordinators who retain that title will be in User ESH Support.
 - Primary Focus is on-shift duties and User ESH Support.
 - This group retains the 0101 pager responsibility.
 - Floor Coordinators will pass on requests from the floor into AES and other entities who then manage the work process.
 - APS still provides same On Shift Operational functions.
- Coordination functions between and within the Engineering and Computer Support groups is the responsibility of AES line management.





Impact on the Experiment Hall

- To first order, there should be no impact although priorities may dictate the some tasks take longer. All essential APS services will still be provided.
 - Rather than having a group of local contacts who perform tasks for their respective sectors, the work responsibilities will be assigned to different groups. Resources are being allocated accordingly.
 - By placing the floor coordinators within the User ESH Support Group, their focus is concentrated toward safety activities. For example:
 - *Oversight*
 - *ESAF control*
 - *APS Enable Key Control*
 - *Floor Shift Work*
 - *Increased Safety Responsibilities*
- APS is currently going through the detailed list of floor coordinator tasks and reevaluating the impact of these activities. Retained tasks will be reassigned to relevant groups.





Impact on Shift Work

- AOD is considering the possibility of transferring the floor coordinator on the midnight shift from an on-site to an on-call status,
 - Provides more personnel to attend to User ESH Support Group functions
 - Wish to further increase the effectiveness of the User ESH Support Group.
- AOD is currently looking at the work performed by the midnight onsite FC to see if functions can be transferred to the Main Control Room. This process is ongoing and discussions have already begun with personnel in the new ASD division.
- If you have thoughts on this, please send them to
 - John Quintana: jpg@aps.anl.gov
- Goal is to manage all of our resources in a way that generates the greatest facility productivity.

