

PERT & Critical Path

- 1. Create Work Breakdown Structure
- 2. Sequence WBS activities (arrow chart)
- 3. Review arrow chart with line managers (experts)
- 4. Estimate activity duration by line managers (experts)
- 5. Look at/adjust Critical Path
- 6. Place calendar dates on each event and insure resources are available

Management Cost and Control System

- Am I on schedule?
- Am I on budget?
- Am I meeting the project objectives?
- How do I get back on track?
- How do I get the information to evaluate the above items?
- How do I communicate the project's status to the rest of the world?

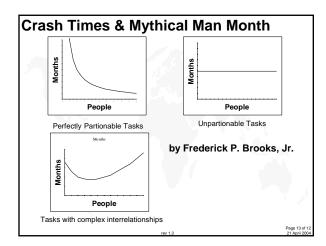
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Getting the Information

- Team is the key, the person doing the work is in the best position to know how their part of the project is going.
- Education about the Management Cost and Control System for the whole team
- MBWA Management by working around phone calls, e-mail, video conferencing, face to face, time card input, status reports
- Trade off between status reporting and doing the work

Am I on schedule and on budget?

- Gantt Charts
- Network Charts
- Plan vs. Actual vs. Revised Plan
- Identify why things went faster or slower than planned
- You can get lost in the tracking system



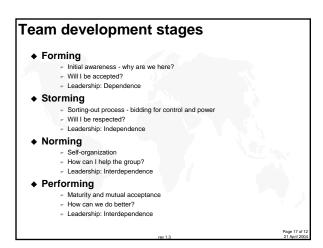
Failures of plans

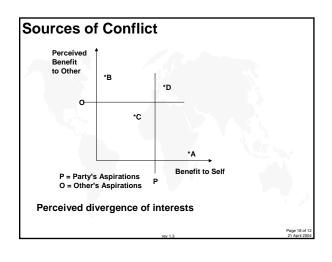
- Corporate goals not understood at lower organizational levels
- Plans encompass too much in too little time
- Poor financial estimates
- Plans based upon insufficient data
- No planning methodology
- Planning performed by a planning group
- Management assumes that all activities will be completed on schedule

Stopping a project

- Final achievement of the objectives
- Poor initial planning and market prognosis
- A better alternative is found
- A change in the company strategy
- Allocated time is succeeded
- Budgeted costs are exceeded
- Key people leave the organization
- Personal whims of management
- Problem too complex for the resources available







Conflict Handling Modes

- Inaction (Withdrawal)
 - Retreating from an actual or potential disagreement. Termination of efforts to resolve the conflict.
- Yielding (Smoothing)
 Lowering one's aspirations.
- Contending (Forcing)
 - Any effort to resolve a conflict on one's own terms without regard to the other party's interests. Making threats, imposing penalties, preemptive actions.
- Problem Solving (Confrontation, Compromising)
 Any effort to identify the issues dividing the parties and to develop and move toward a solution that appeals to both sides.

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