



Emergency Medical Procedures: Human Factors Perspective



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Project Overview

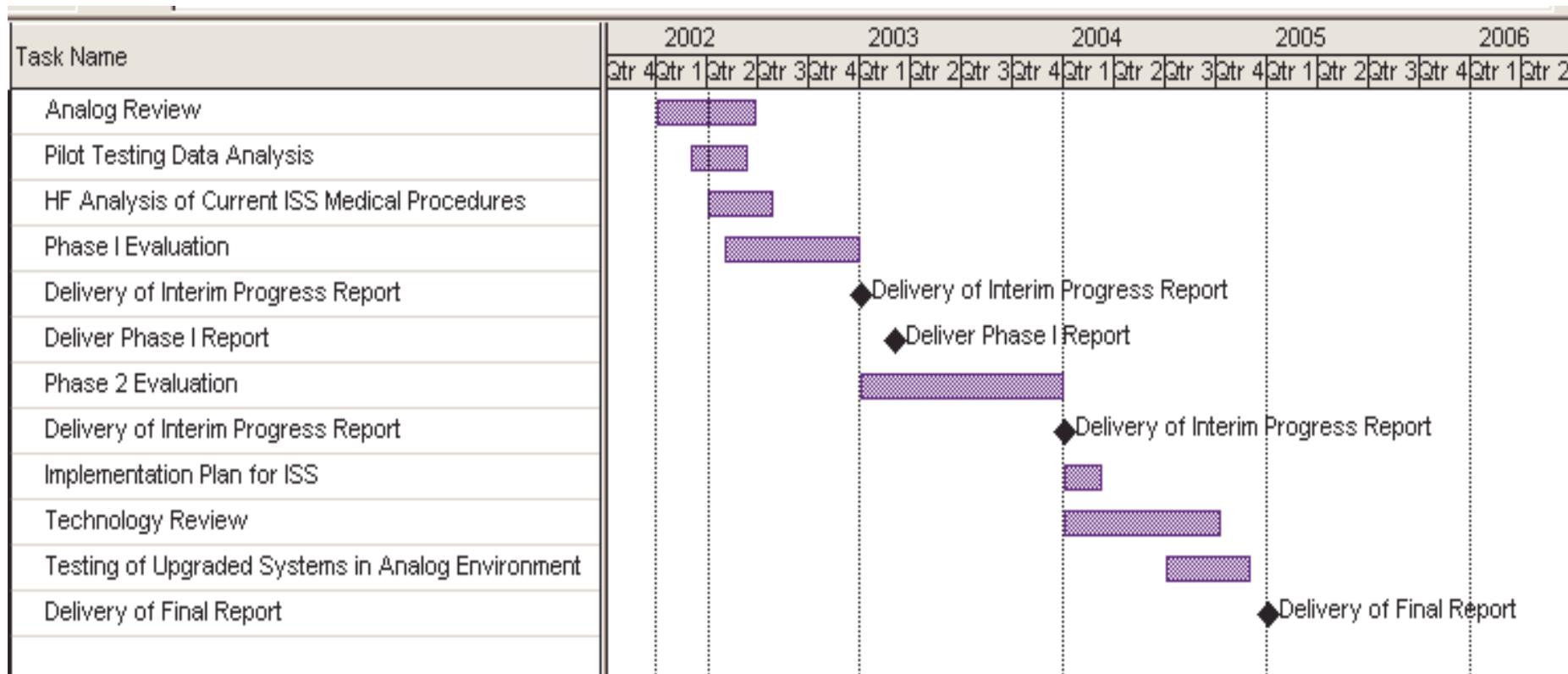


- Project Objective
 - Human Factors assessment of the ISS medical checklist, procedures and equipment
 - Determine shortfalls in the procedures, training communications and equipment
 - Recommend solutions that will improve survival rate of crewmembers in the event of medical emergency & decrease the likelihood of an emergent de-orbit.
- Approach
 - Preliminary Review of Analogue Environments
 - Usability Testing & Human Factors Analysis of procedures at NASA JSC





Project Schedule





Project Progress



- **On Track.**
- Database compiled of relevant publications and contacts of other groups engaged in a similar activity.
- Reviewed and analyzed the Harvard University preliminary test data on existing ISS ACLS procedures.
- Completed heuristic evaluation of the current ISS Medical Checklist.
- **Next Step:** Development of preliminary plan for Phase I Evaluation.

