

SCIENCE ADVISORS GENERAL REVIEWS OF GCD-AMP PLANNING DOCUMENTS

L.D. GARRETT, SA EXECUTIVE
SECRETARY

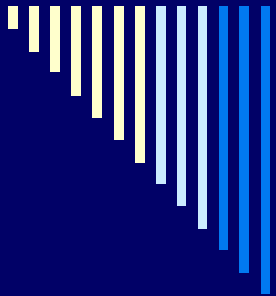
AMWG SUMMER MEETING
AUGUST 9-11, 2004

REVIEWS

- GCMRC STRATEGIC PLAN
- GCMRC CORE MONITORING PLAN
- GCMRC/AMWG LONG TERM EXPERIMENTAL PLAN
- GCMRC/AMWG HUMPBACK CHUB PLAN

GENERAL REVIEW FOCUS

- PLAN COMPLETENESS
- APPROPRIATE SCIENCE USED
- INVOKES ADAPTIVE MANAGEMENT PROCESS
- RESEARCH AND MONITORING BALANCE
- APPROPRIATE BASED ON KNOWLEDGE/NEED



PROCESS

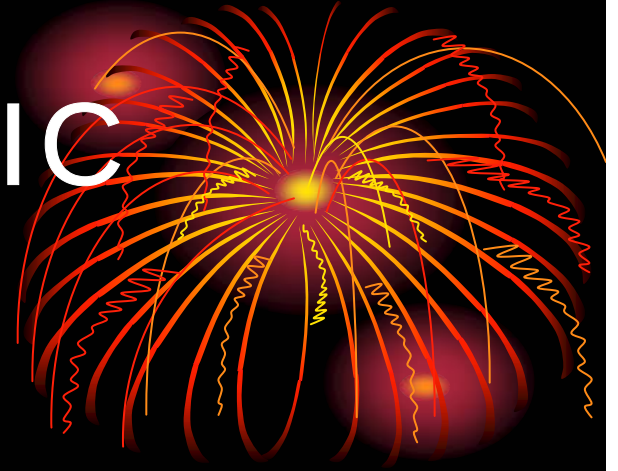
- ❑ REVIEW TIME; 15 DAYS; 6/9-23/2004
- ❑ ESTABLISH FOUR TEAMS
- ❑ USE OUTSIDE REVIEWERS
- ❑ ALL SAs REVIEW ALL PLANS, CONTRIBUTE TEXT TO FINAL REPORT
- ❑ TEAM LEADERS, EXECUTIVE SECRETARY MEET & PREPARE REPORT, SAs REVIEW
- ❑ ONLY KEY ISSUES IN OBSERVATIONS & RECOMMENDATIONS

GCMRC STRATEGIC PLAN

OBSERVATIONS

- GOOD ADMINISTRATIVE OPERATIONS PLAN
- LACKS STRATEGIES FOR SCIENCE, ADAPTIVE MANAGEMENT, INTEGRATION, MONITORING

GCMRC STRATEGIC PLAN



RECOMMENDATIONS

- KEEP CURRENT PLAN FOR PROGRAM ADMINISTRATION
- DRAFT A SEPARATE STRATEGIC SCIENCE PLAN
- RESPOND TO AMWG STRATEGIC PLAN, AMWG NEEDS
- INCLUDE LINKAGE TO & INTEGRATION FOR ALL RESOURCES/PLANS

GCMRC CORE MONITORING PLAN

OBSERVATIONS

- KEY DRIVING MONITORING QUESTIONS NOT APPARENT
- INSUFFICIENT LINKAGE TO OTHER SCIENCE PLANS, ADAPTIVE MANAGEMENT PROGRAM ACTIONS AND PROCESS
- REMOTE SENSING APPLICATIONS NEED GREATER CLARIFICATION
- “CORE” TERM CONFUSED BY INCLUSION OF “ECONOMICS”, “WATER QUALITY”, “LAKE POWELL”

GCMRC CORE MONITORING PLAN

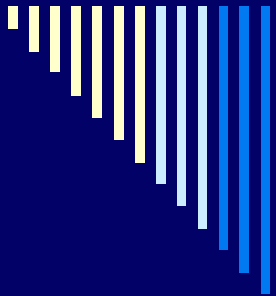
RECOMMENDATIONS

- ADDRESS MOST CRITICAL MANAGEMENT ISSUES
- PROTOCOL TO INTEGRATE EFFORTS WITH OTHER AGENCIES
- DISCONTINUE SOME PROGRAM MONITORING
- DETERMINE IF PROGRAM WILL CAPTURE POTENTIAL CHANGES IN LCR
- INTEGRATE DATA MANAGEMENT AND ANALYSIS

LONG-TERM EXPERIMENTAL PLAN

OBSERVATIONS

- Decoupling sediment from experiment appears valid
- Water temperature should be reevaluated as a random variable
- Lag effects of mechanical removal needs evaluation
- Interannual differences in fish year class strength may not be independent



LONG-TERM EXPERIMENTAL PLAN

RECOMMENDATIONS

- CONSIDER ACTIONS TO ENHANCE HBC AS PRECURSER TO BLOCK DESIGN
- CONDUCT RISK ASSESSMENTS OF ALTERNATIVE APPROACHES
- CONSIDER LONGER BLOCK (4YEARS) TO IMPROVE ASSESSMENTS
- CONSIDER OPPORTUNISTIC DESIGN
- INCREASE MODELING EFFORT
- GREATER INPUT FROM BIO-STATISTICIANS

HUMPBACK CHUB PLAN

OBSERVATIONS

- Good response to GCD-AMP goals
- Aggregation of management/research ideas; lacks prioritization, science basis, background
- Lacks evidence of interagency coordination, budget planning
- Insufficient attention to resource integration in science/management

HUMPBAC CHUB PLAN

RECOMMENDATIONS

- Better documentation of science basis and management rationale
- Organize projects by priority, using management rationale, knowledge, current status, budget constraints, benefits
- Consider more effort with decision analysis tools (i.e., MATA) to set priorities
- Distinguish between USFS recovery and GCD-AMP research and management goals
- Involve greater agency cooperation/coordination

OVERALL REVIEW OBSERVATIONS FOR IMPROVEMENT

- Better Science, Management, Budget Planning
- Better Interagency Cooperation, Coordination and Actions
- Better Integration of Science, Monitoring, and Management Plans and Actions