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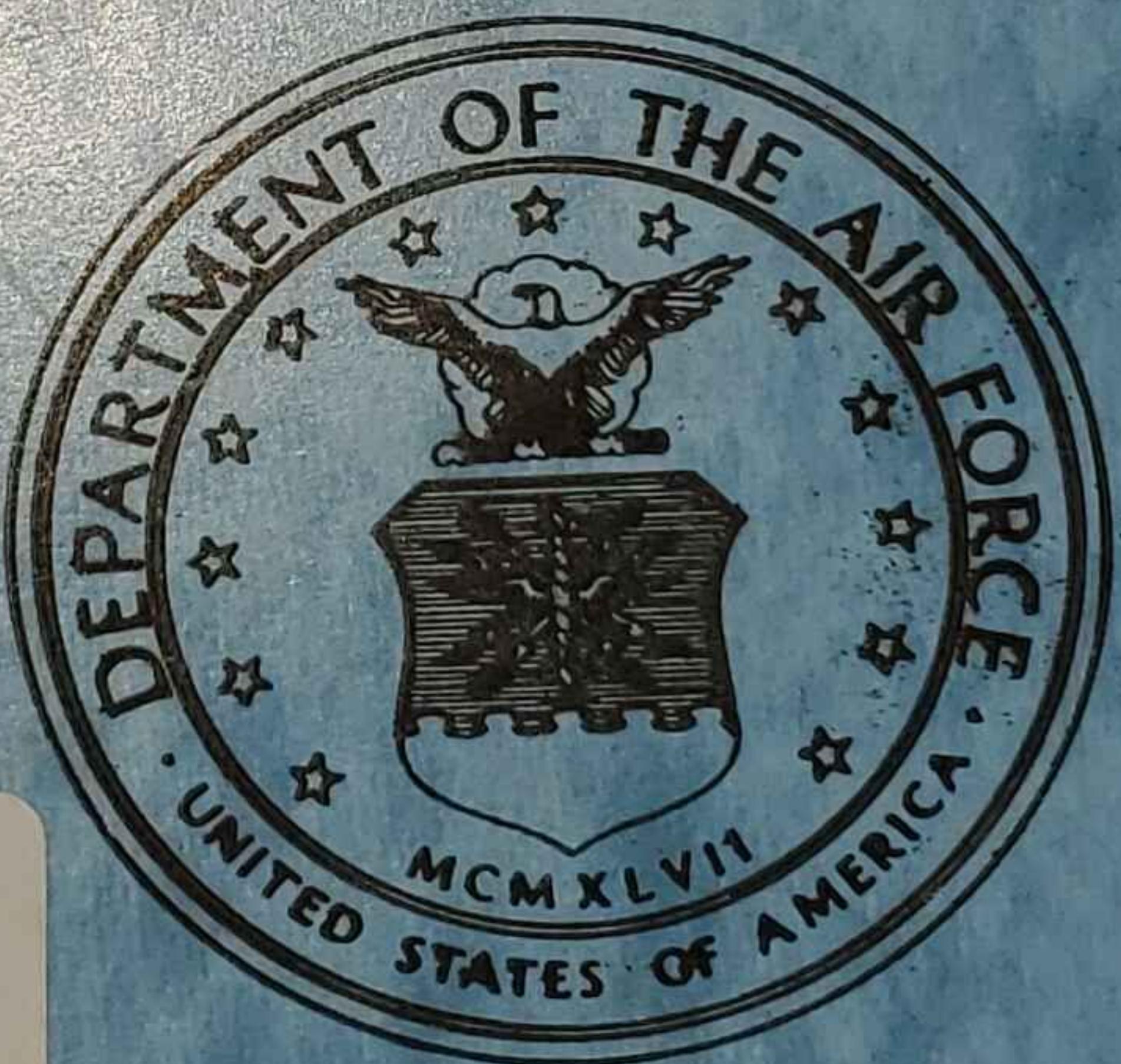
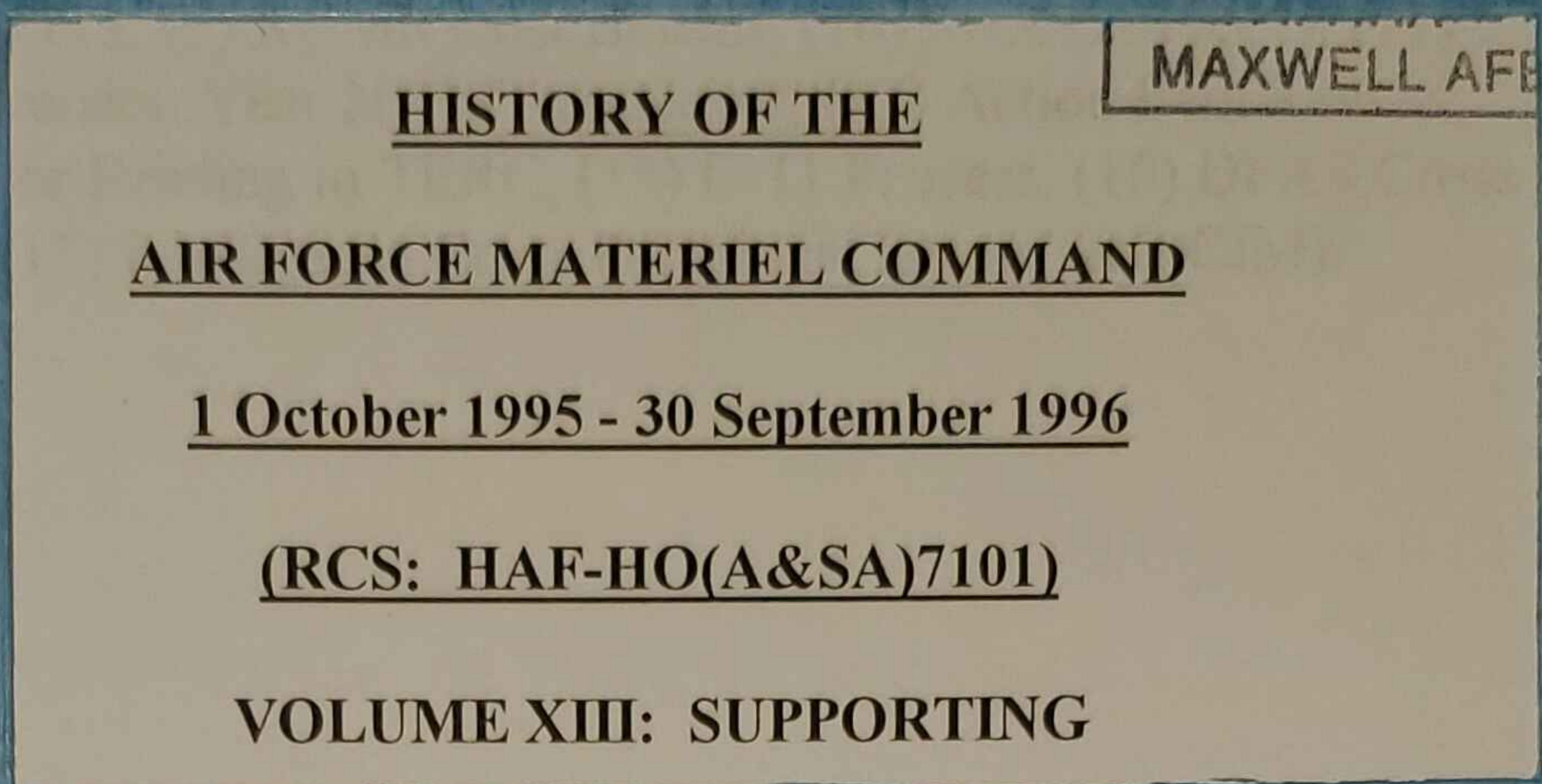
K 226.01
1 OCT 1995 - 30 SEP 1996

v. 13

RETURN TO:
HQ AFHRA
600 CHENNAULT CIR
MAXWELL AFB, AL 36112

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HISTORY



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K226.01
1 OCT 1995 —
30 SEP 1996

v. 13

RETURN TO
HQ AFHRA
MAXWELL AFB AL 36112

HISTORY OF THE
AIR FORCE MATERIEL COMMAND
1 October 1995 - 30 September 1996
(RCS: HAF-HO(A&SA)7101)
VOLUME XIII: SUPPORTING
DOCUMENTS IV-66

by

Jean August
Herbert P. Carlin
William Elliott
Carol H. Parks
Layne B. Peiffer
William W. Suit
John D. Weber

Office of the Command Historian
HQ Air Force Materiel Command
Wright-Patterson Air Force Base, Ohio
April 1997

AFMC Historical Study No 8

01121431

IV- 66 Memo, BoOD for T&E to See Dist, "Minutes of the 5 Mar 96 Board of Operating Directors (BoOD) Meeting," 12 Apr 96, w/17 attach papers and briefings: (1) TERIB Members, (2) Review of Action Items, (3) OSD Issues, (4) Activities at the BoD, (5) GPS/RAJPO Logistics Sustainment, (6) TERIB/Reliance Restructure, (7) T&E Investment Control, (8) TRMP/TIS, (9) RUMS Cost Benefit, (10) MECC to REG, (11) T&E CIM, (12) Software Conversion Year 2000 Changeover, (13) Action Item Review, (14) TECNET Briefing Slides for Briefing to TERC, (15) C-11 Process, (16) DFAS Cross Functional Issue (T&E CIM), (17) Intelligence Cross Functional Issue (T&E CIM).



DEPARTMENT OF DEFENSE
BOARD OF OPERATING DIRECTORS FOR TEST AND EVALUATION

Department of the Army
HQ U.S. Army Test and Evaluation Command
Aberdeen Proving Ground MD 21005-5055

Department of the Navy
HQ Naval Air Warfare Center Weapons Division
China Lake CA 93555-6001

Department of the Air Force
HQ Air Force Materiel Command
Wright-Patterson AFB OH 45433-5714



MEMORANDUM FOR SEE DISTRIBUTION

12 Apr 96

FROM: Chairman, T&E Board of Operating Directors
4225 Logistics Ave, Suite 2
Wright-Patterson AFB OH 45433-5714

SUBJECT: Minutes of the 5 Mar 96 Board of Operating Directors (BoOD) Meeting

1. The meeting was held at the Conference Center, NAWS China Lake CA on 5 Mar 96. The attendance list and agenda are at Attachments 1 & 2, respectively.
2. Maj Gen Gideon opened the meeting with several recognition certificates to outgoing TERIB members. Those present to receive the certificates were Mr. Dillard Bullard and Mr. Robert Reiner.
3. Lt Col Arvai reviewed the action items listing. Action items closed are listed in Attachment 3. Those remaining open and those generated during this meeting are listed at Attachment 4. The following action items were discussed:
 - a. 7-95-9 T&E CONOPS. The CONOPS has gone through some extensive modifications since the initial draft last summer. It was decided that further coordination would be limited to the BoOD and BoD. Dr. Foulkes presented it to the BoOD for their review and will then forward to the BoD.
 - b. 12.1.18 RCS SOW. Any further action on developing a RCS cost analysis methodology or gathering of workload data will be included in the upcoming congressionally directed Section 277 LAB/T&E 5-year consolidation plan. No further efforts required by IDA on the SOW.
4. Dr. Patricia Sanders assumed Mr. John Bolino's responsibilities as OSD Deputy Director, Test Facilities and Resources, upon his retirement effective 3 Mar 96. Defense spending will continue to be reduced. Military Personnel reductions are almost complete; Civilian Personnel will continue to draw down. Procurement will draw down for the next two years and then have some resurgence in FY98-FY01. Leap-ahead technologies will remain in the budget with other systems that drive our T&E requirements. Perceptions are that T&E infrastructure is too big and that T&E is not participating adequately in acquisition reform. However, in some circles, the initiative is to seek "rightsized" infrastructure. This may force a review of technology needs to test new system technologies and may result in a modest increase in test infrastructure investments. The goals of Dr. Sanders' staff and the BoOD are similar and they look forward to continuing to work issues together with BoOD members in responding to our changing environment.

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5. BoD Activities were summarized by Mr. James Franchini. Congressional staffers stated that the intent of the "section 277" language in the FY96 Defense Authorization Bill was to focus on reducing "Bricks/Mortar" and not people. Perception from congressional staffers is that we need to reduce by 20-50 percent. Desire is to be more effective than BRAC and to craft infrastructure to be viable for 60 years. In addition, desire is to recoup as much of DoD's investment as possible through initiatives such as privatization. A DoD memo is in preparation to initiate a study to identify Lab and T&E consolidations/restructuring opportunities with a target of reducing Lab/T&E infrastructure costs by 20 percent each by 2005. DDR&E is responsible for the Lab portion and the BoD is responsible for the T&E portion. The consolidation/restructure of Lab/T&E facilities will be the responsibility of an IPT. Discussions suggested that studies should be completed by Jan 98 in order to support the POM for 2000. However, perception is that congressional staff would like to see reductions earlier than study completion dates although there is no implementation vehicle. Suggestion was made that the staff review and update "excess capacity" numbers and set thresholds for review of specific areas in the future.

6. Lt Col Tom Whittemore summarized GPS/RAJPO Logistics Sustainment progress. CTEIP only supports development costs. Program office staff expenses are now shared among the three services as an unfunded requirement. Solution for Depot Sustainment in the near-term is to continue plans for Interim Contractor Support (ICS). Long-term solutions are more difficult. No defined mechanism exists to transition CTEIP programs to the services. Availability of technical data, hardware/software support tools, and test equipment are also issues that complicate long-term decisions. Analysis shows contractor support is more cost effective than organic support. Several members suggested that, rather than a depot contracting for the support, a lead range be designated to contract for the support. Next step is for the IPT to define the Range Management Concept. Action Items 3-96-1 and 3-96-2.

7. Dr. Dan Stewart provided summary of the TERIB/Reliance Restructure activities and related action items from prior BoOD meetings. The TERIB was reduced from 20 to 12 functionally aligned members (including 3 co-chairs) with potential to reduce to 9 members total. Reliance areas are being realigned to the 9 TERIB functional areas. Next step is to evolve functional leadership roles from old Reliance structure to tri-service reliance integration teams which support the new TERIB structure. BoOD approved proposed concept/approach for final TERIB/Reliance structure. Final Plan is to be presented at next BoOD meeting. Action Item 3-96-3.

8. Mr. Frank Phillips presented the subject of T&E Investment Control. Key issues include investment at T&E sites that is inconsistent with the Reliance roadmap, investment in test capability at other sites that unnecessarily duplicates existing T&E capability, and government investment in contractor test capability that unnecessarily duplicates existing capability. Effective control of investment in test capability requires process definition, policy implementation, and support of the acquisition community. Action Item 3-96-4.

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9. Dr. Stewart provided an overview of TRMP/TIS areas including background, approach, and status of actions. Key issues include a lack of control over all T&E investments since significant investments are made outside of the TRMP/TIS process, the lack of a DoD strategic planning process to address Burt/Coyle tasking to BoD (ES) in Nov 95, and need to resolve potential conflicts in BoD and JTOC target responsibilities. TRMP will be provided to BoD after it is finalized by TERIB and approved by BoOD.

10. Mr. Todd Stevenson of JPO provided summary of RUMS cost benefit analysis. Utilization measurement system is required to support basic business processes at MRTFBs. RUMS collects consistent utilization data across the services, although existing service unique systems are providing adequate information for utilization measurement. At the current level of funding across all three services, potential for savings would not appear to justify a centralized effort to automate the current RUMS. In short, there are no compelling reasons to replace RUMS at this time. BoOD decided not to expand RUMS to collect data on rationale for nonavailability.

11. Mr. Bill Egan of the JPO provided summary of MRTFB Environmental Coordinating Committee (MECC) to Range Commanders Council Environmental Group (REG) transition. By-laws and plans are to be provided to the RCC in Jun 96.

12. Col Ken Spencer provided summary of topics requested related to T&E CIM. T&E Strategic Plan is with BoOD for staff review. The BoOD questioned the use of Business Process Re-engineering (BPR) savings to fund additional efforts. The BoOD will send a letter to DTSE&E addressing this issue. Joint Test Assets Database (JTAD) is designed for tracking DoD-owned assets. However, the BoOD questioned the requirement for this system. The BoOD will review and approve a study to define the business requirements for a JTAD system. Year 2000 Software issue POA&M was presented for approval; JPO will establish a small study of the issue and its impact on T&E activities. Action Items 3-96-5, 3-96-6, 3-96-7, and 3-96-8.

\signed\

FRANCIS C. GIDEON, JR
Major General, USAF
Chairman

Attachments:

- 1. Attendees' List
- 2. Agenda
- 3. Closed Action Items List
- 4. Open Action Items List

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BoOD Agenda
Conference Center, Bldg 874
5 Mar 95
China Lake CA

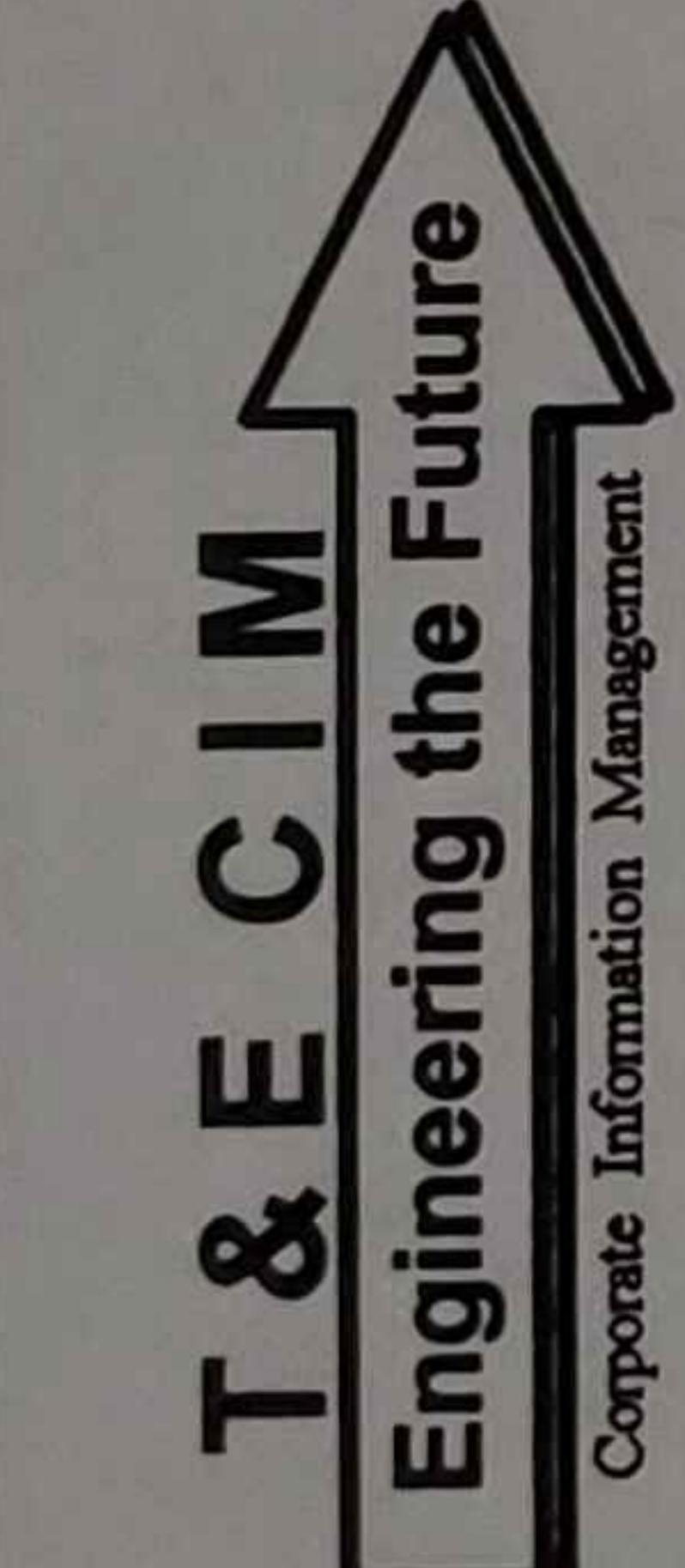
0800 - 0900	Executive Session	BoOD Principals
0900 - 0905	Welcome	RADM McKinney & Maj Gen Gideon
0905 - 0915	Recognition of Former ✓ TERIB Members	Maj Gen Gideon
0915 - 0920	Admin Remarks	Mr. Dan Long
0920 - 0930	✓ Review of Action Items	Lt Col Arvai
0930 - 0950	✓ OSD Issues	Dr. Sanders
0950 - 1020	✓ Activities at the BoD	Mr. Franchini
1020 - 1105	✓ GPS/RAJPO Logistics Sustainment	Lt Col Whittemore
1105 - 1120	Break	
1120 - 1150	✓ TERIB/Reliance Restructure	Dr. Stewart
1150 - 1215	✓ T&E Investment Control	Mr. Phillips
1215 - 1245	Working Lunch - China Lake Brief and Film	
1245 - 1330	✓ TRMP/TIS	Dr. Stewart
1330 - 1500	✓ Demonstration of China Lake Projects	
1500 - 1520	✓ RUMS Cost Benefit	Mr. Stevenson
1520 - 1530	✓ MECC to REG	Mr. Egan
1530 - 1645	✓ T&E CIM Strategic Plan JTAD Plans ✓ Software Conversion Year 2000 Changeover FY96 Budget and Plans Steering Council	Col Spencer
1645 - 1700	✓ Action Item Review	Lt Col Arvai
1700	Adjourn	

Point papers in read-ahead on:

- ✓ TECNET Briefing Slides for Briefing to TERC
- ✓ C-11 Process
- ✓ DFAS Cross Functional Issue (T&E CIM)
- ✓ Intelligence Cross Functional Issue (T&E CIM)

✓ = papers attached

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Year 2000 Software Issue (Approval Decision)

Problem and Background

- Many computer programs will fail as the century turns
Computer programs clock their dates from the year "1900" using two-digit date field
When the "00" of the Year 2000 is entered systems will not recognize the correct year
99 and 00 are used in date fields to denote special situations
- OSD/DTSE&E Tasking:
Establish a program to ensure that all systems used by T&E and expected to migrate through Year 2000 are compliant

Objective and Scope

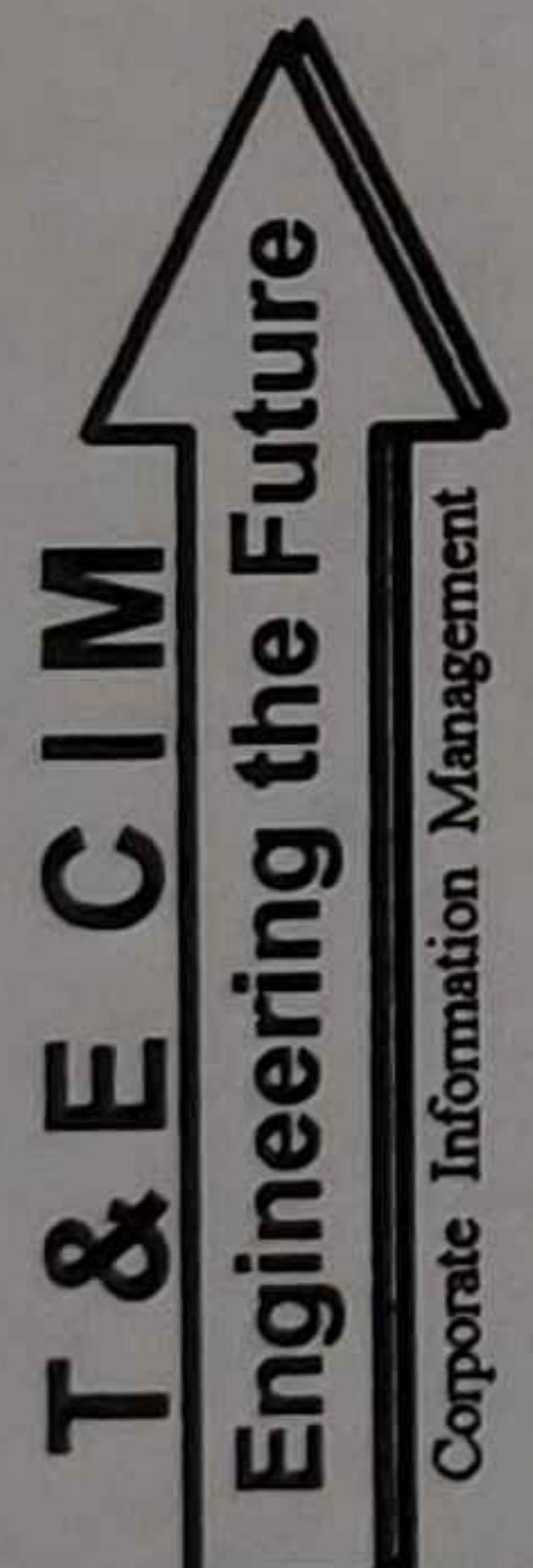
Objective:

- Develop a detailed plan for the T&E community to address the Year 2000 Software Issue

Scope:

- Define:

the problem,
impact to T&E community,
activities of other organizations,
options for the T&E community



Study Participants

- Jerry Brown NAWC-AD - Chair
- Membership
 - T&E Business Community (3 Reps)
 - T&E Engineering Community (3 Reps)

Schedule and Resources

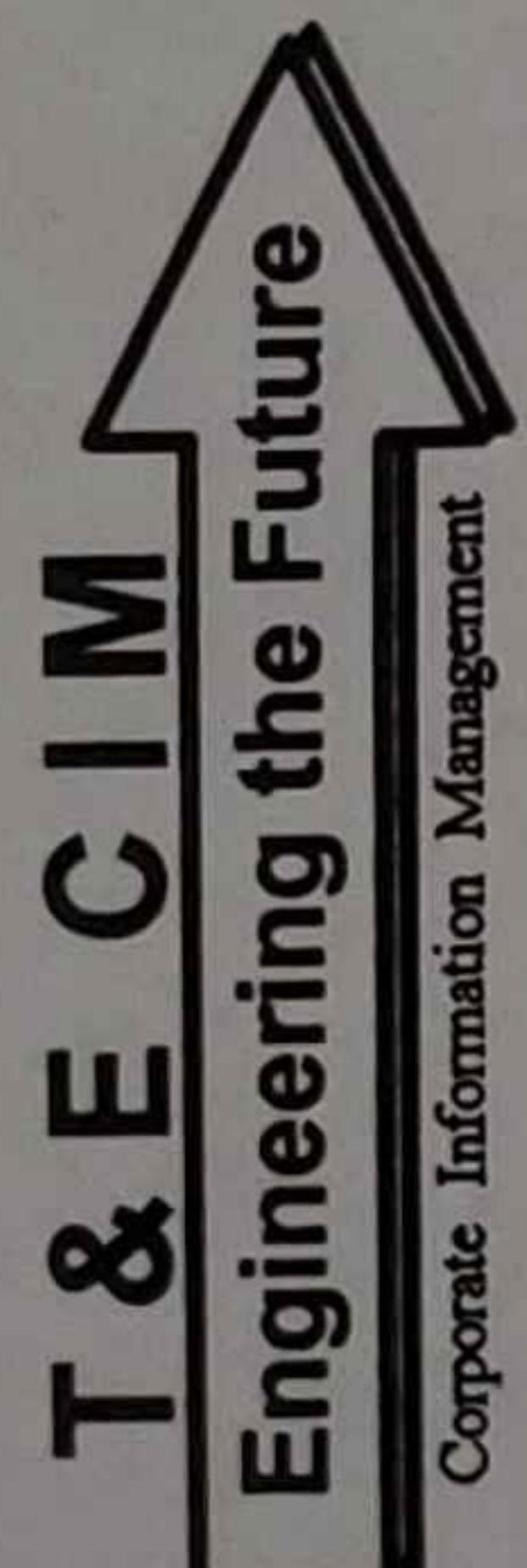
Schedule

- Group will meet late March 96
- Group will report back to the TERIB/BoOD in 90 days

Resources (estimated)

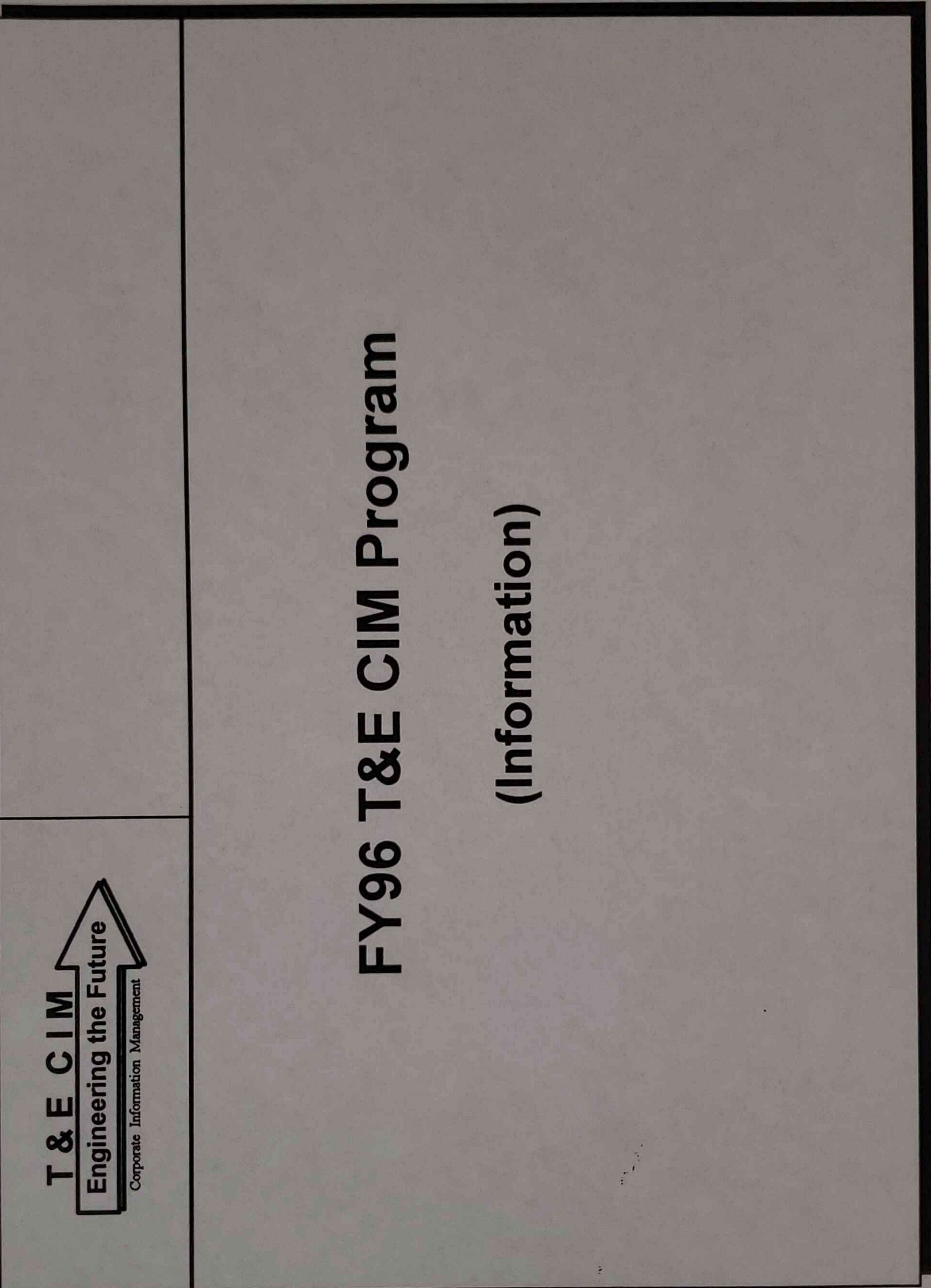
- 30K government travel
- 30K contractor support

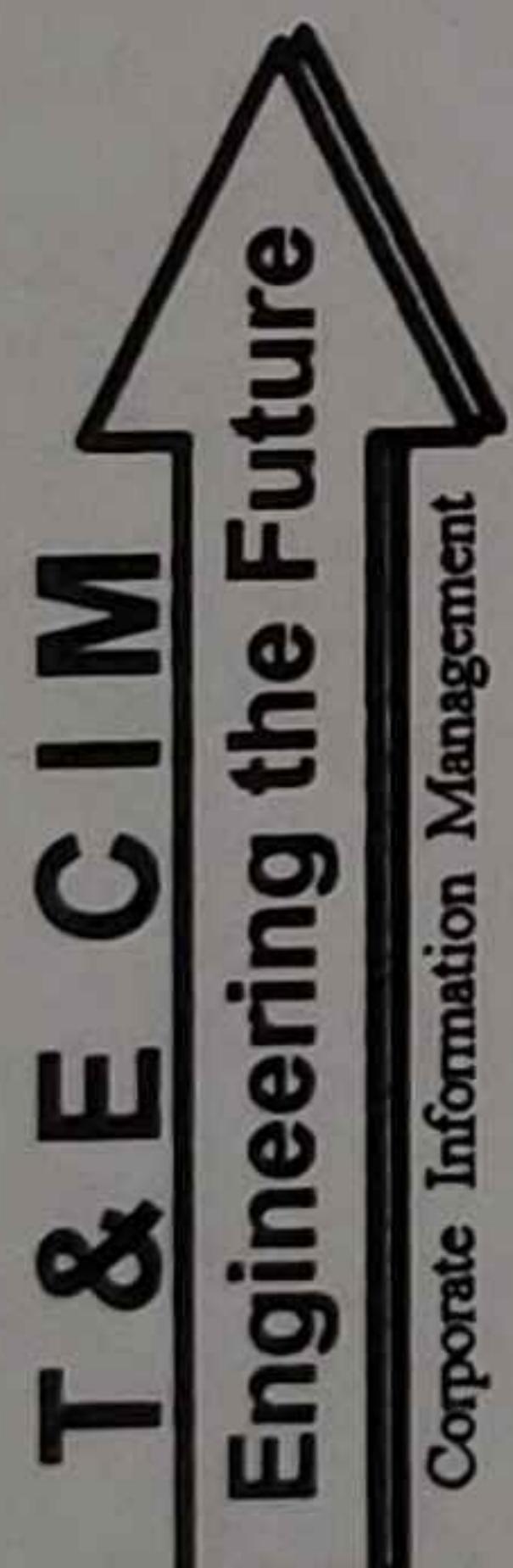
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Recommendations

- BoOD review and approve POA&M
BoOD designate T&E CIM as funding source
Send to BoD and T&E Steering Council

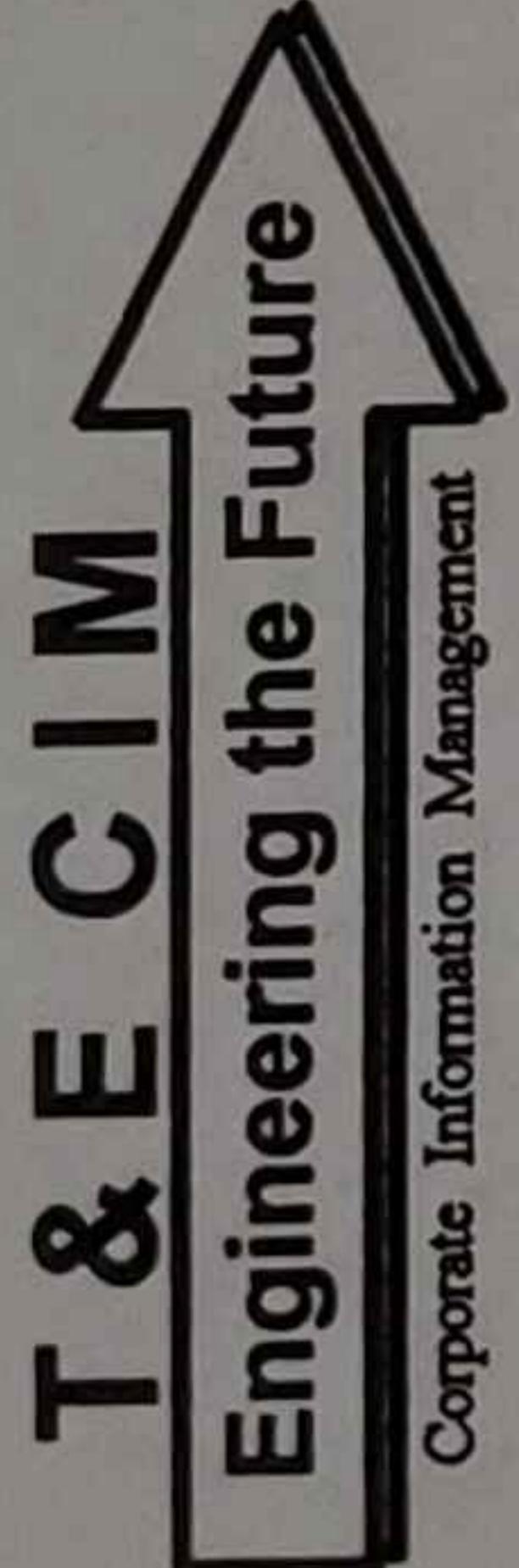




Proposed FY96 Schedule

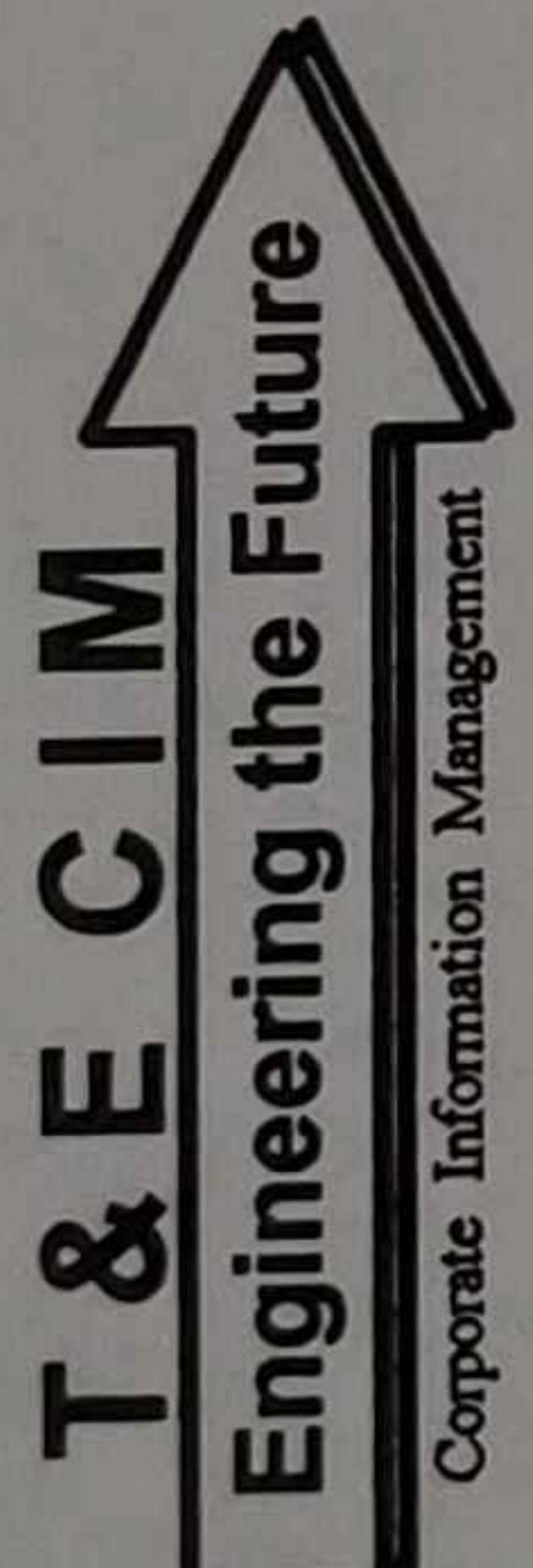
- Current Investment Planning Project
 - Business Area Improvement Plan Apr 96
 - BAIP Implementation May - ??? 96
- Proposed Investment Planning Follow-on
 - POA&M Mar 96
 - Process Definition Workshops Jun - Aug 96
 - Business Area Improvement Plan Sep 96

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Proposed FY96 Schedule (continued)

- JTAD Phase 2
 - POA&M
 - Process Assessment Workshops
 - Business Area Improvement Plan
- TEMP Process Improvement
 - POA&M
 - Process Assessment Workshops
 - Business Area Improvement Plan



Proposed FY96 Schedule (continued)

- Range Utilization Process Improvement
POA&M Aug 96
- Process Assessment Workshops Oct 96 - Mar 97
- Business Area Improvement Plan May 97
- Workload Projection ?

T & E CIM

Engineering the Future
Corporate Information Management

T&E CIM Funding

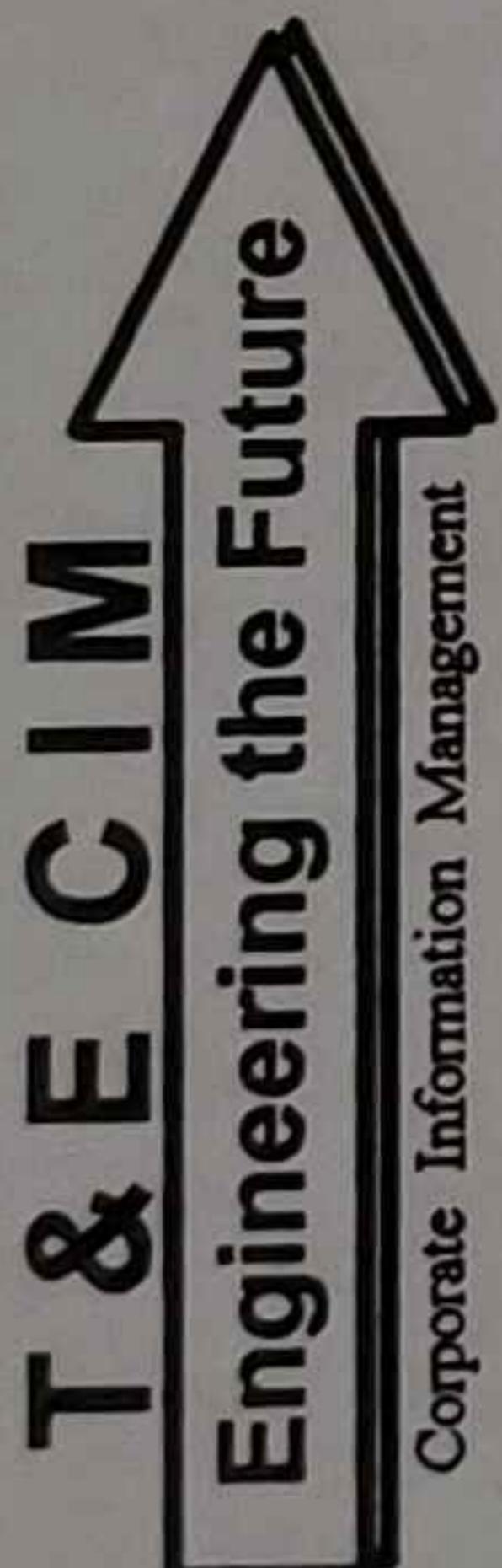
- Authorized \$1.488 M FY96 from OSD BPR (CIM) Fund
- Contract issues and staffing may delay funds until May 96
 - Residual FY95 contract funds run out in Mar 96
 - Government TDY funds borrowed from JPO
- Impact: T&E CIM may need to shut down until funding issue is resolved
- OSD/DTSE&E is actively working the funding issue
- OSD/DOT&E conducting independent BPR effort using OSD CIM funds -- T&E CIM not currently involved

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T&E CIM Steering Council

- The next T&E CIM Steering Council should meet in late March or early April
- The major issues proposed for review are:
 - T&E CIM Projects List
(BoOD Letter)
 - T&E CIM Strategic Plan
(in BoOD staffing)
 - T&E CIM Funding Sources
(BoOD Principal issue)
Year 2000 Software Issue
(in BoOD staffing)
- Read ahead briefing will be staffed through the BoOD prior to the meeting

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Recommendations

- **BoOD review and approve T&E CIM Strategic Plan**
Send to BoD and T&E Steering Council
- **BoOD review and approve POA&M for JTAD Phase 2 activity**
- **BoOD review and approve POA&M for Year 2000 Software Issue**
BoOD designate T&E CIM as funding source
Send to BoD and T&E Steering Council

**Plan of Action and Milestones
for
Year-2000 Software Issue**

OBJECTIVE: The objective of this POA&M is to develop a workable plan for the T&E community to deal with a "Year-2000 Problem" that involves year representation in automated systems and software. This POA&M is in response to an OSD/DTSE&E Memorandum date January 1996.

SCOPE: Assess T&E vulnerability to the Year-2000 problem, define the related business and technical impacts, review other organization's Year-2000 efforts and identify a range of options for the T&E community to address this issue.

BACKGROUND: There is a real risk that automated systems, including software applications, will yield inaccurate results at or near the century change if the year is represented using only two digits. This problem manifests itself when the year becomes "00". As the century cannot be determined, the computation on the "00" year can lead to totally inappropriate answers. Often a "00" or "99" in the automated year representation indicates an accepted "default" condition. In such cases, the year problem can manifest itself as early as the year 1999. This problem also immediately affects any forecasting system that expresses the year in two digits and projects into the next century. Even if a system is updated to account for four digit year representation, it is still vulnerable to other systems that feed it two digit year information. Such information is frequently embedded in "intelligent numbers", such as Job Order Numbers. Even many personal computers have design susceptibility to this fault.

ASD (C3I) has notified all DoD of the impending risk. The T&E community is vulnerable in real-time operations such as weapon system testing, range and flight safety systems, and time critical data processing where two digit year representation may be involved. The full range of business systems that support T&E are also in jeopardy of failure at or before the year 2000. The recent "Year 2000 Blueprint for Success" conference, heavily attended by DoD, revealed that as many as 50% of all systems expected to still exist by 2000 may not be Year-2000 compliant. Conference speakers noted that a top down approach is required to achieve success. A SECDEF Memorandum of 27 November 1995 establishes Year-2000 guidelines for new start acquisition programs. Other DoD initiatives are taking shape.

APPROACH: Given the pervasive nature of the Year-2000 problem and the ongoing initiatives to address it, the T&E approach should be proactive but not duplicative. To formulate such an approach, we propose forming a small group of T&E experts to answer a number of key questions: determine the evolving guidance and other initiatives at service and related functional areas; assess the extent of T&E specific vulnerabilities and how to pinpoint them; and heighten universal T&E awareness of the Year-2000 problem and the range of potential methods and solutions that can be brought to bear. An

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assessment criteria may be developed by which high leverage T&E systems are identified early and targeted for Year-2000 upgrades. Issues dealing with the timing of cross-functional changes must also be understood. These factors, and other pertinent Year-2000 information must then be folded into a comprehensive Year-2000 plan for the T&E community. The team will examine the Year-2000 issue, including: the extent of the problem in the T&E community, best practices for identifying vulnerable systems and applications, best practices for rectifying the Year-2000 problem when identified, means of identifying and addressing necessary interfaces with systems from other functional areas, methods for dealing with vendor supplied software, methods for documentation and other best practices from Government and industry.

PROPOSED STUDY TEAM: The approach to developing such a plan involves establishment of a short term team focused on the Year-2000 problem. This team, chaired by Mr. Jerry Brown of the Naval Air Warfare Center - Aircraft Division, Patuxent River, Maryland, will be composed of six BoOD/RCC selected members. Three will represent the services from the T&E business community and three will represent the services from the T&E engineering community.

SCHEDULE: The team will be stand-up in late March 1996. It will have 90 days to conduct research and prepare a comprehensive plan. It will report this plan to the BoOD.

RESOURCES: The support of this team will require \$30K for required travel and attendance at scheduled meetings. Another \$30K is required for contractor administrative support. Recommended funding source is T&E CIM. Team salary shall be borne by the providing organizations.

LOGISTICS: The team is at liberty to identify its own logistics needs within the constraints of available resources. The T&E CIM office will assist in making necessary arrangements.

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