



24 October 1986

Bruce McLeod
Cullinet Software, Inc.
Skyline Plaza #4, 5th Floor
5113 Leesburg Pike
Falls Church, Virginia 22041

Dear Bruce,

Enclosed you will find a list of topics, questions, and functional capabilities our group will expect to have demonstrated and/or answered during our visit to Cullinet next week. Also enclosed you will find examples of requisitions, RFPs, contracts, and other documentation now used to procure an item(s).

Hopefully this package will help Cullinet in tailoring their presentation to our needs.

If you have any questions regarding the documentation, please contact me on

Sincerely,

Enclosures

SDE-2

TRW

MONTHLY STATUS REVIEW

MONTH ENDING: 30 SEPTEMBER 1986

Project Manager Concurrence for Task 01 - TADS MAINTENANCE Status

I have reviewed the attached report and ✓ DO DO NOT
concur as reported.

STAT

Project Manager Name

15 Oct 86
Date

Comments:

AS OF: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: TADS MAINTENANCE

REPORTING PERIOD: 4th QUARTER FY86

TASKS PLANNED

- RESOLVE PR/CRs
- SUPPORT BASELINE PROCESS

- OBTAIN AUSCOM SOURCE CODE
- RESEARCH POTENTIAL CANDIDATE COMMERCIAL CM SOFTWARE PACKAGES
- DEVELOP NEW TADS HELP CAPABILITY USING VM/CMS FACILITY
- DEVELOP 300K POINTS/DISPLAY IMPLEMENTATION IN ALL ESL (ALGORITHM) ROUTINES
- DEVELOP AUTOMATIC TABLE OF CONTENTS AND INDEX FOR TADS REFERENCE MANUAL

TASKS ACCOMPLISHED

- COMPLETED 62 PR/CRs AND 16 DURs
- BUILT AND TESTED BASELINES
IBM 22.30/CGS 5.30
IBM 22.40/CGS 5.40
IBM 22.50/CGS 5.50
- COMPLETED
- IN PROGRESS
- COMPLETED

- COMPLETED

- COMPLETED

UNPLANNED TASKS ACCOMPLISHED

- PARTICIPATED IN PLANNING SESSION WITH CUSTOMER ON NEXT YEAR'S TADS ACTIVITIES
- UPDATED AND CORRECTED CGS CM SCRIPTS

AS OF: 30 SEPTEMBER 1986

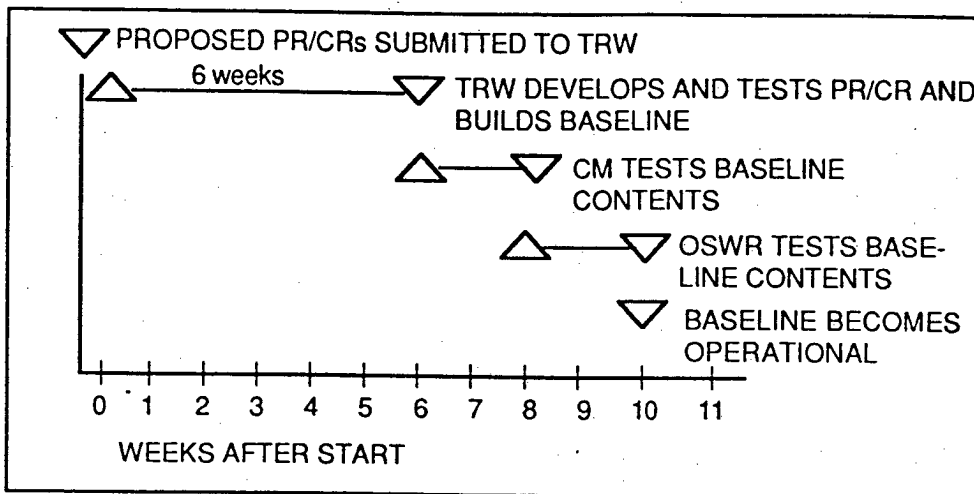
SDE-2/TRW

TASK ID: TADS MAINTENANCE

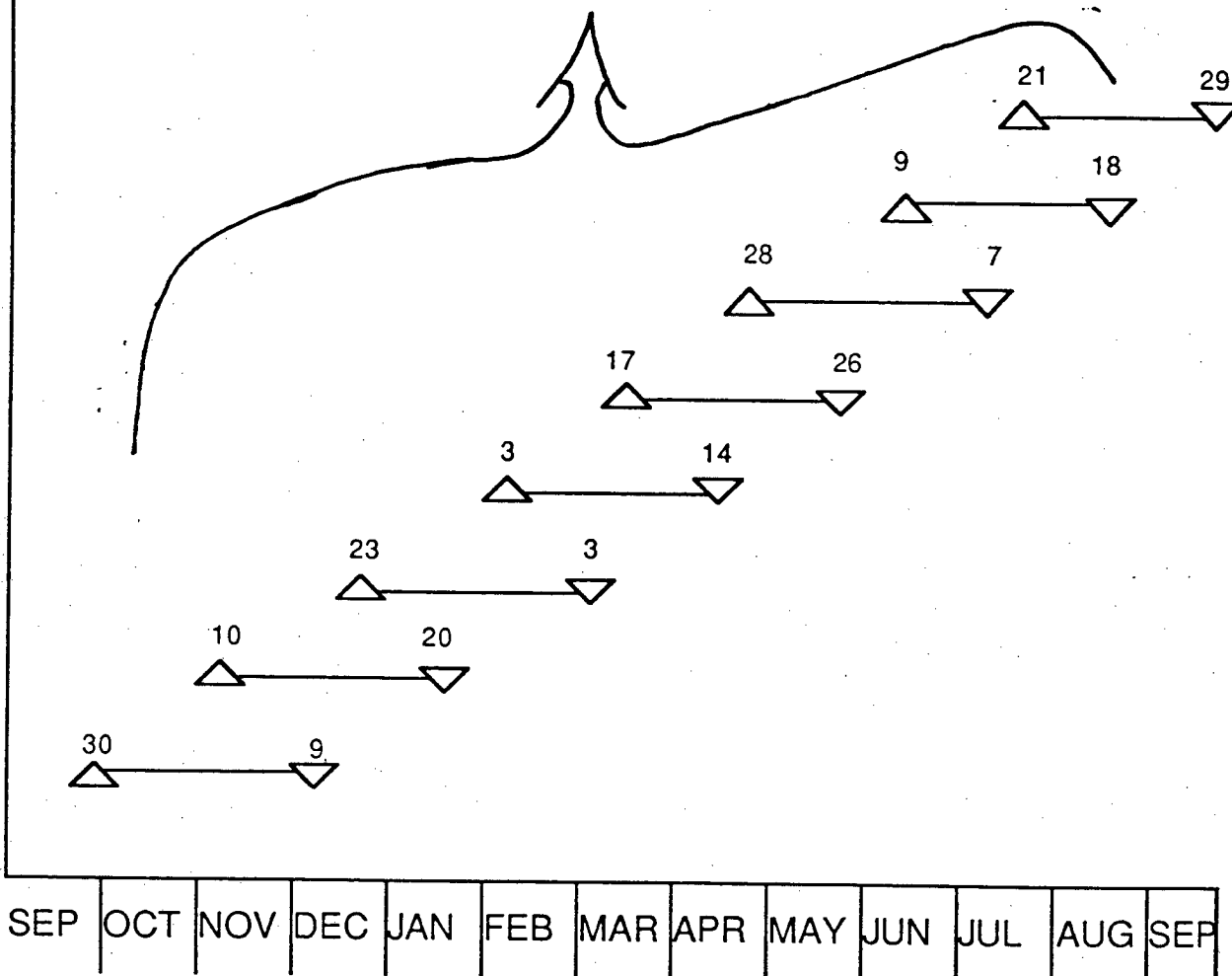
REPORTING PERIOD: 4th QUARTER FY86

PLANNED ACCOMPLISHMENTS

- BEGIN DEBUGGING WRITE PROTOCOL PROBLEM
- IMPLEMENT AND TEST SPEEDUPS FOR CHROMATICS NETWORK DRIVER
- BUILD AND TEST IBM 22.60/CGS 5.60 BASELINE
- DELIVER IBM 22.50/CGS 5.50 BASELINE AS PRODUCTION SYSTEM
- BEGIN GATHERING STATISTICS FOR TADS DAILY HARDWARE/SOFTWARE STATUS REPORT
- ATTEND SEMINARS INVOLVING CONFIGURATION MANAGEMENT AND CONTROL PACKAGE AND SUN WORKSTATION WITH CUSTOMER
- CONTINUE TO EVALUATE ESL ROUTINES, MAKE RECOMMENDATIONS, AND IMPLEMENT
- CONTINUE TO RESOLVE DATABASE CONFLICT CONTROL PROBLEMS
- CONTINUE TO UPDATE CM SCRIPTS
- DELIVER LATEST UPDATES TO DEVELOPMENT FACILITY
- CONTINUE TO RESOLVE HIGH PRIORITY PR/CRs AND PROVIDE USER SUPPORT



BASELINE IMPLEMENTATION CYCLE



TADS PROPOSED FY87 BASELINE SCHEDULE
FIGURE 6-1

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MONTH ENDING: 30 SEPTEMBER 1986

SDE-2

TASK ID: TASK 01 - TADS MAINTENANCE

PERIOD OF PERFORMANCE: 14 OCTOBER 1985 - 30 SEPTEMBER 1986

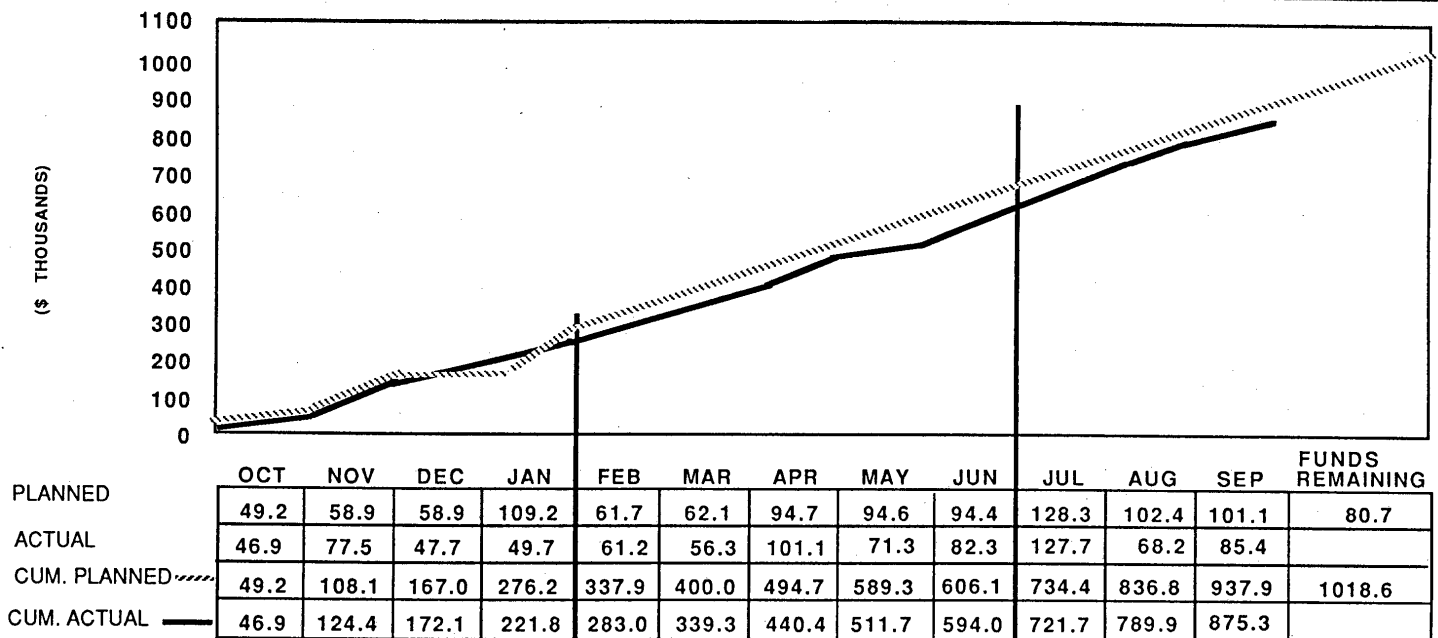


Chart includes cost-plus-fixed fee. Revised plan in June for June through September and made adjustment in July to reflect sub-contract labor.

Project Manager Concurrence for Task 03 - PC INSTALLATION AND
SUPPORT Status

I have reviewed the attached report and _____ DO _____ DO NOT
concur as reported.

Project Manager Name

Date

Comments:

AS OF: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: PC INSTALLATION AND SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

TASKS PLANNED

- PREPARE FUNCTIONAL DESCRIPTION OF THE DISSEMINATORS AID CAPABILITY
- PREPARE COURSE MATERIAL FOR A INTRODUCTION TO THE PC COURSE
- PROVIDE TECHNICAL SUPPORT TO PC USERS

TASKS ACCOMPLISHED

- COMPLETED
- IN PROGRESS
- CONTINUOUS

UNPLANNED TASKS ACCOMPLISHED

- WROTE A WHITE PAPER DESCRIBING VARIOUS OPTIONS FOR ADDING SECURITY FEATURES TO THE IBM PC
- CONFIGURED AN IBM PC AT TO BE USED WITH THE DMA LASER VIDEO DISK MAP SYSTEM
- DEVELOPED A SIMPLE NO SOLDER METHOD FOR MODIFYING THE IBM PC AT SERIAL CABLES TO INCLUDE A NULL MODEM
- ASSISTED IN THE PLANS FOR THE INSTALLATION OF A LOCAL AREA NETWORK FOR THE CONTRACTS OFFICE
- PROVIDED TECHNICAL SUPPORT TO SAFE USERS

SDE-2/TRW

AS OF: 30 SEPTEMBER 1986

TASK ID: PC INSTALLATION AND SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

PLANNED ACCOMPLISHMENTS

- UNPACK AND CONFIGURE THE IBM PC ATs FOR THE CONTRACT OFFICE
- INSTALL AND TEST THE LOCAL AREA NETWORK FOR THE CONTRACT OFFICE
- DRY RUN THE INTRODUCTION TO THE PC COURSE MATERIAL

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MONTH ENDING: 30 SEPTEMBER 1986

SDE-2

TASK ID: TASK 03 - PC INSTALLATION & SUPPORT PERIOD OF PERFORMANCE: 6 JANUARY 1986 - 30 SEPTEMBER 1986

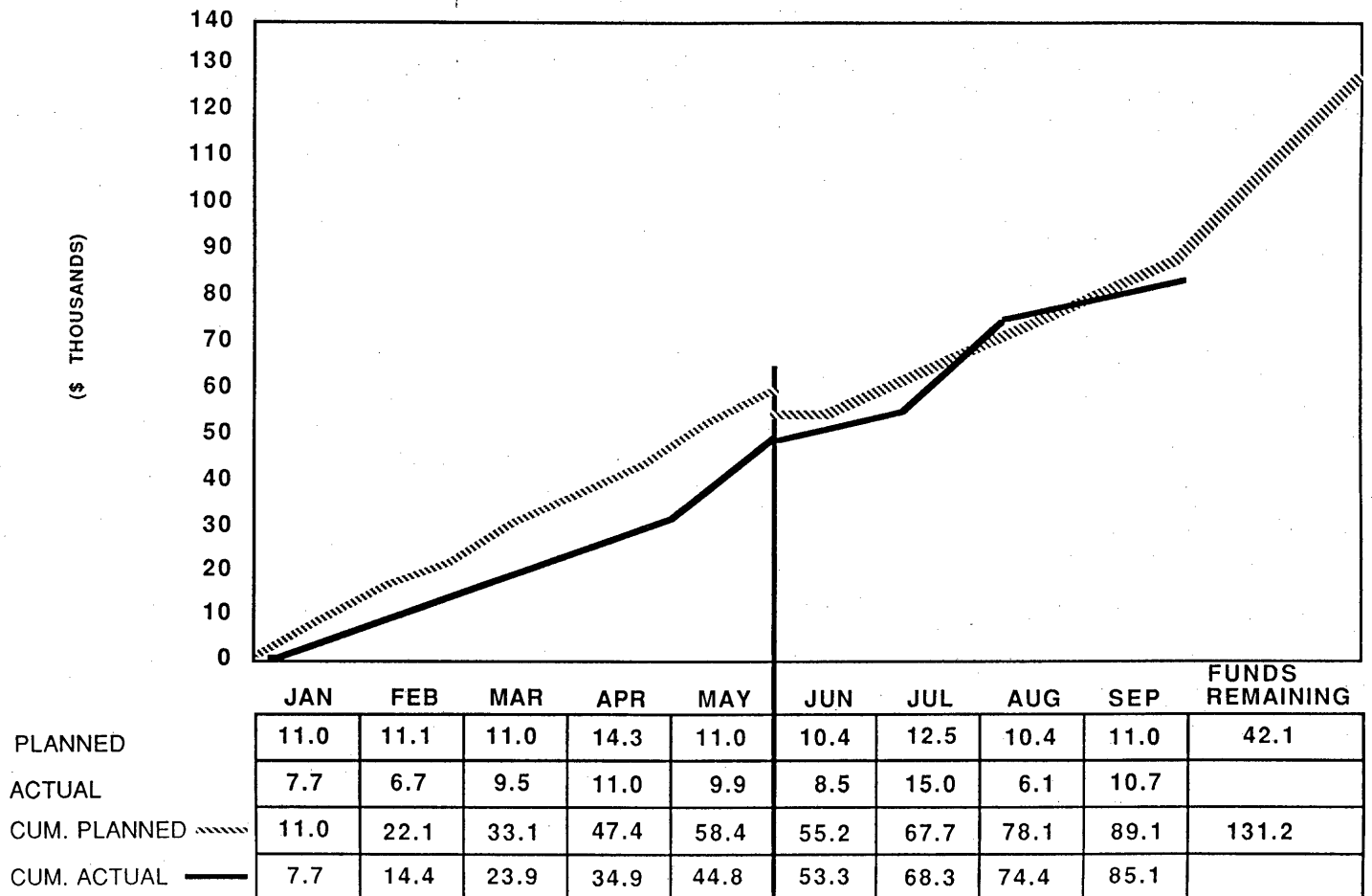


Chart includes cost-plus-fixed fee. Revised plan for June through September.

Project Manager Concurrence for Task 05 - AUTODIR SUPPORT Status

I have reviewed the attached report and ✓ DO DO NOT
concur as reported.

STAT

~~Project Manager~~ Name

10/21/86
Date

Comments:

AS OF: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: AUTODIR SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

TASKS PLANNED

- TRANSFER PRODUCTION JOBS TO PRODUCTION SYSTEM
- PRODUCE CS REPORTS
- PERFORM ROUND-TO-SQUARE TAPE CONVERSION
- INITIATE ETECS ELECTRONIC TRANSFER OF DATA EXPERIMENT
- PROVIDE TECHNICAL SUPPORT

TASKS ACCOMPLISHED

- 361 ROUTINES TRANSFERRED TO PANVALET PRODUCTION
- DELIVERED
- COMPLETED
- IN PROGRESS
- CONTINUOUS

UNPLANNED TASKS ACCOMPLISHED

- BRIEFED PRODUCTION PERSONNEL ON AUTODIR PROCESSING FLOW
- RESOLVED NUMEROUS JCL PROBLEMS

AS OF: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: AUTODIR SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

PLANNED ACCOMPLISHMENTS

- COMPLETE RFC 246 PERSONALITY INDEXES FOR THE 1310 AND 1320 REPORTS
- COMPLETE TWO AD HOC REQUESTS
 - RESOLVE DATA DISCREPANCIES BETWEEN HARD COPY AND TAPE ON THE 1340 REPORT
 - PROVIDE FIELD EDIT FOR SUPPRESSION CODES IN MULTIPLE BATCH REPORTS
- START WORK ON RFC 255 - PERMIT USER TO SUPPLY OVERALL SECURITY CLASSIFICATION AND DATE SELECTION FOR THE 1330 REPORT
- PROVIDE TECHNICAL SUPPORT
- COMPLETE ETECS ELECTRONIC DATA TRANSFER EXPERIMENT

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MONTH ENDING: 30 SEPTEMBER 1986

SDE-2

TASK ID: TASK 05 - AUTODIR SUPPORT

PERIOD OF PERFORMANCE: 01 MARCH 1986 - 30 SEPTEMBER 1986

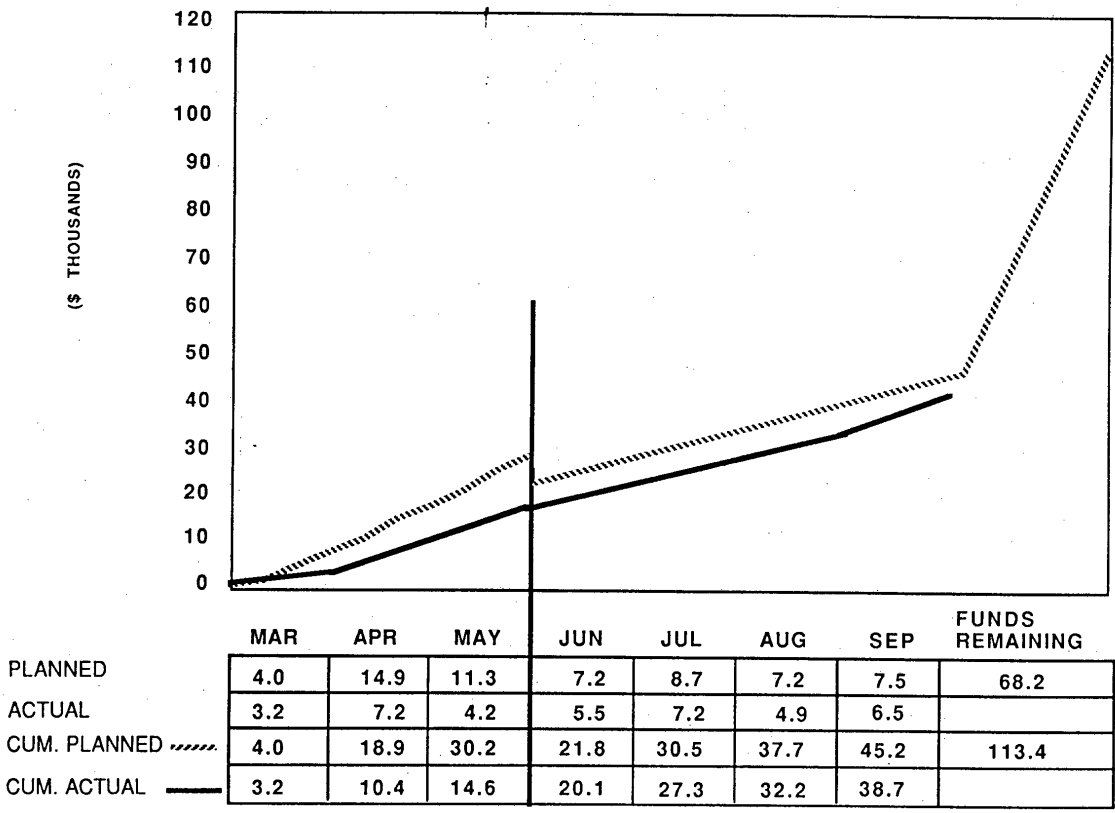


Chart includes cost plus fixed fee. Revised plan for June through September.

AS OF: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: CLAS

REPORTING PERIOD: 4th QUARTER FY86

TASKS PLANNED

- SUPPORT THE PREPARATION OF THE TECHNICAL EVALUATION DOCUMENT
- DEMONSTRATE THE FEASIBILITY OF UPDATING CULLINET GL FROM MSA PACKAGES
- DEMONSTRATE THE FEASIBILITY OF USING IDMS TOOLS TO ACCESS/DISPLAY MSA RELATED DATA
- SUPPORT INSTALLATION OF MSA AT HEADQUARTERS
 - IDENTIFY IDMS/R REQUIREMENTS
 - IDENTIFY DCI REQUIREMENTS
- PROVIDE TECHNICAL SUPPORT

TASKS ACCOMPLISHED

- COMPLETED
- COMPLETED
- COMPLETED
- IN PROGRESS
 - COMPLETED
 - COMPLETED
- CONTINUOUS

UNPLANNED TASKS ACCOMPLISHED

- INSTALLED MSA AP PTFs
- PERFORMED SYSGEN TO INSTALL ADS/O MAPPING CAPABILITY AND NEW USER IDs
- INSTALLED UPDATED VERSION OF MSA PURCHASING PACKAGE

SDE-2/TRW

AS OF: 30 SEPTEMBER 1986

TASK ID: CLAS

REPORTING PERIOD: 4th QUARTER FY86

PLANNED ACCOMPLISHMENTS

- INSTALL (DCI) AT HEADQUARTERS *Data Communications Interface*
- INSTALL IDMS/R 8604 MAINTENANCE TAPE
- FIX PAGE RANGES IN THE PURCHASING SYSTEM
- OBTAIN FUNCTIONAL REQUIREMENTS ENHANCEMENTS FOR MSA PACKAGES FROM OL
- IDENTIFY DATA CONVERSION NEEDS FOR GIM TO IDMS/R CONVERSION
- PREPARE ACCEPTANCE TEST PLAN FOR MSA PACKAGES
- REVIEW IDMS/R HISTORY FILE DATA CONTENT
- CONDUCT FURTHER IDMS/R AND MSA TECHNICAL EVALUATIONS
 - GENERATE INPUT MENU
 - REVIEW PURGE TECHNIQUES
 - ADD NEW ITEM TO EXISTING SCHEMAS AND PROGRAMS
- DOCUMENT OPERATING PROCEDURES AT HEADQUARTERS

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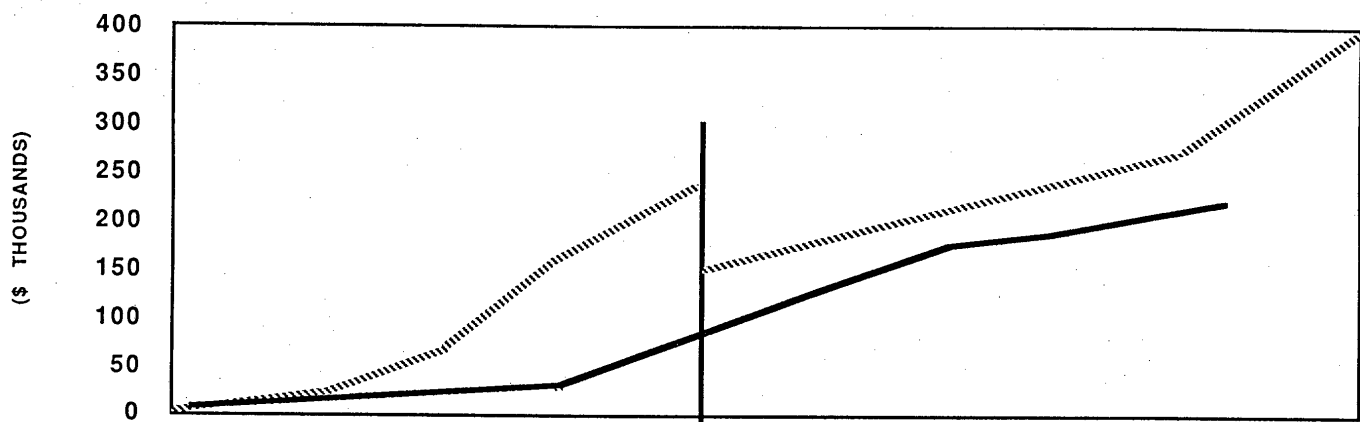
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AS OF: 30 SEPTEMBER 1986

SDE-2

TASK ID: TASK 04 - CLAS

PERIOD OF PERFORMANCE: 31 JANUARY 1986 - 30 SEPTEMBER 1986



	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FUNDS REMAINING
PLANNED	20.7	65.5	75.8	74.1	46.0	55.2	46.0	48.4	127.3
ACTUAL	8.8	15.8	23.1	26.9	32.9	29.3	29.9	51.6	
CUM. PLANNED	20.7	86.2	162.0	236.1	120.6	175.8	221.8	270.2	397.5
CUM. ACTUAL	8.8	24.6	47.7	74.6	107.5	136.8	166.7	218.3	

Chart includes cost-plus-fixed fee. Revised plan for June through September.

Project Manager Concurrence for Task 06 - OTS SUPPORT Status

I have reviewed the attached report and ✓ DO DO NOT
concur as reported.

STAT

Project Manager Name

21 Oct. 86
Date

Comments:

AS OF: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: OTS SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

TASKS PLANNED

- DEVELOP A TOP-LEVEL REQUIREMENTS DOCUMENT
- DEVELOP A DATA REQUIREMENTS DOCUMENT
- PREPARE BRIEFING FOR OTS DIRECTOR
- CONTINUE RESEARCH OF PROPERTY MANAGEMENT SOFTWARE OPTIONS
- PARTICIPATE IN INTERVIEWS, BRIEFINGS, AND TECHNICAL EXCHANGE MEETINGS

TASKS ACCOMPLISHED

- DRAFT COMPLETED
- IN PROGRESS
- COMPLETED
- IN PROGRESS
- CONTINUOUS

SDE-2/TRW

AS OF: 30 SEPTEMBER 1986

TASK ID: OTS SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

PLANNED ACCOMPLISHMENTS

- INCORPORATE REQUIREMENTS GATHERED AT THE OTS OFF-SITE INTO THE TOP-LEVEL REQUIREMENTS DOCUMENT
- CONTINUE FURTHER DEFINITION OF THE FUNCTIONAL REQUIREMENTS THROUGH COMPONENT INTERVIEWS AND DOCUMENTATION REVIEW
- COMPLETE DEVELOPMENT AND REVIEW OF THE REMAINING EQUIPMENT-TYPE FUNCTIONAL FLOW CHARTS
- COMPLETE THE DATA REQUIREMENTS DOCUMENT FOR THE OTS PROPERTY MANAGEMENT SYSTEM

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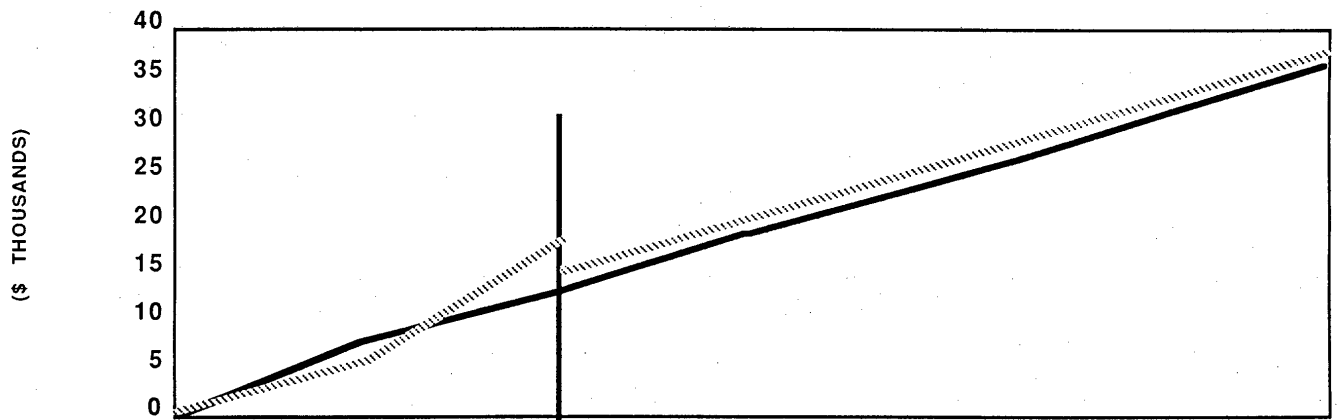
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MONTH ENDING: 30 SEPTEMBER 1986

SDE-2

TASK ID: TASK O6 - OTS SUPPORT

PERIOD OF PERFORMANCE: 14 APRIL 1986 - 30 SEPTEMBER 1986



	APR	MAY	JUN	JUL	AUG	SEP
PLANNED	7.0	10.2	6.0	7.2	6.0	6.7
ACTUAL	7.2	6.5	5.1	7.0	5.9	7.1
CUM. PLANNED /////	7.0	17.2	19.7	26.9	32.9	39.6
CUM. ACTUAL ————	7.2	13.7	18.8	25.8	31.7	38.8

Chart includes cost-plus-fixed fee. Plan revised for June through September.

Project Manager Concurrence for Task 07 - BARS SUPPORT Status

I have reviewed the attached data and ✓ DO _____ DO NOT concur
as reported.

STAT

[Redacted Signature Box]

Project Manager

10/10/86
Date

Comments:

The TRW staff on BARS is doing a very good job at working towards project milestones in support of our January delivery of ABF. Their dedication inspires exceptional work from other staff and contractor project members also working towards the January delivery.

SDE-2/TRW

MONTH ENDING: 30 SEPTEMBER 1986

TASK ID: BARS SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

TASKS PLANNED

- SUPPORT THE DEVELOPMENT OF THE ABF DESIGN OVERVIEW DOCUMENT
- SUPPORT THE DEVELOPMENT OF THE FRS-ABF ICD
- DEVELOP ADS/O DIALOGS AND RESPONSES FOR WORKSHOP
- PARTICIPATE IN DRY-RUN AND WORKSHOP
- SUPPORT CULPRIT REPORT DEVELOPMENT
- DEVELOP RETRIEVAL AND PAGING DISPLAYS FOR ALL TRANSLATION TABLES
- DEFINE REQUIREMENTS FOR AND DEVELOP THE CPB2 ROLL-UP AND DISPLAY CAPABILITY
- DEVELOP FRS-ABF INTERFACE CAPABILITY USING PL/1
- DEFINE REQUIREMENTS FOR AND DEVELOP THE MULTI-TARGET RULE DIALOG

TASKS ACCOMPLISHED

- COMPLETED
- IN PROGRESS
- COMPLETED
- COMPLETED
- IN PROGRESS
- IN PROGRESS
- IN PROGRESS
- IN PROGRESS
- IN PROGRESS

MONTH ENDING: 30 SEPTEMBER 1986

SDE-2/TRW

TASK ID: BARS SUPPORT

REPORTING PERIOD: 4th QUARTER FY86

PLANNED ACCOMPLISHMENTS

- SUPPORT CULPRIT REPORT DEVELOPMENT
- SUPPORT THE DELIVERY OF THE FRS-ABF ICD
- DELIVER RETRIEVAL AND PAGING DISPLAYS FOR ALL TRANSLATION TABLES
- DELIVER CPB2 ROLL-UP AND DISPLAY
- DELIVER PL/1 CODE FOR FRS-ABF INTERFACE
- DELIVER MULTI-TARGET RULE DIALOG
- PROVIDE REQUESTED SUPPORT FOR IOC IN JANUARY

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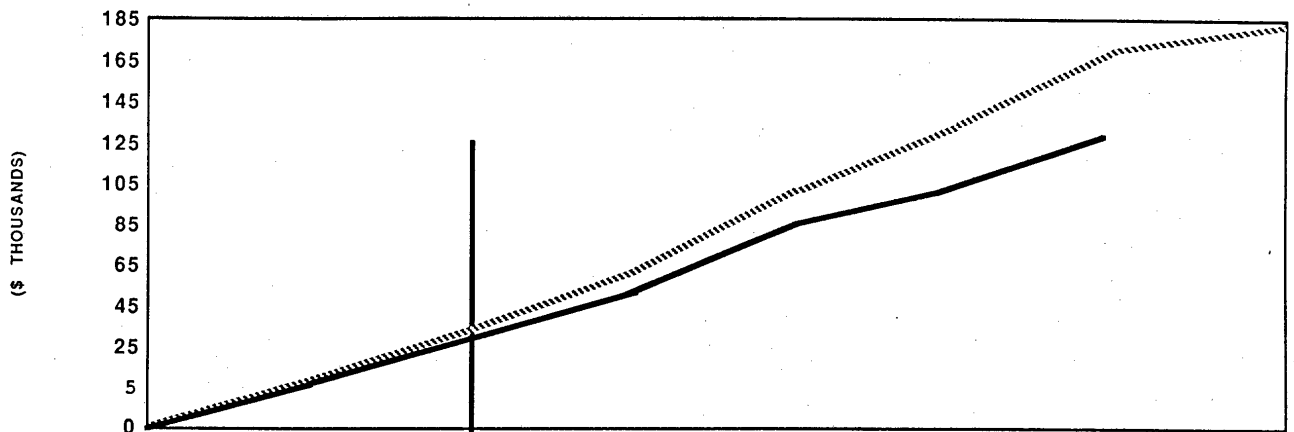
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SDE-2

MONTH ENDING: 30 SEPTEMBER 1986

TASK ID: TASK O7 - BARS SUPPORT

PERIOD OF PERFORMANCE: 21 APRIL 1986 - 30 SEPTEMBER 1986



	APR	MAY	JUN	JUL	AUG	SEP	ORIGINALLY PROPOSED
PLANNED	7.0	26.7	34.6	41.5	34.6	36.2	
ACTUAL	6.7	17.6	25.3	34.5	15.5	29.3	
CUM. PLANNED	7.0	33.7	58.9	100.4	135.0	171.2	180.2
CUM. ACTUAL	6.7	24.3	49.6	84.1	99.6	128.9	

Chart includes cost-plus-fixed fee. Revised plan for June through September.

FY87 CARRY-OVER 42.3

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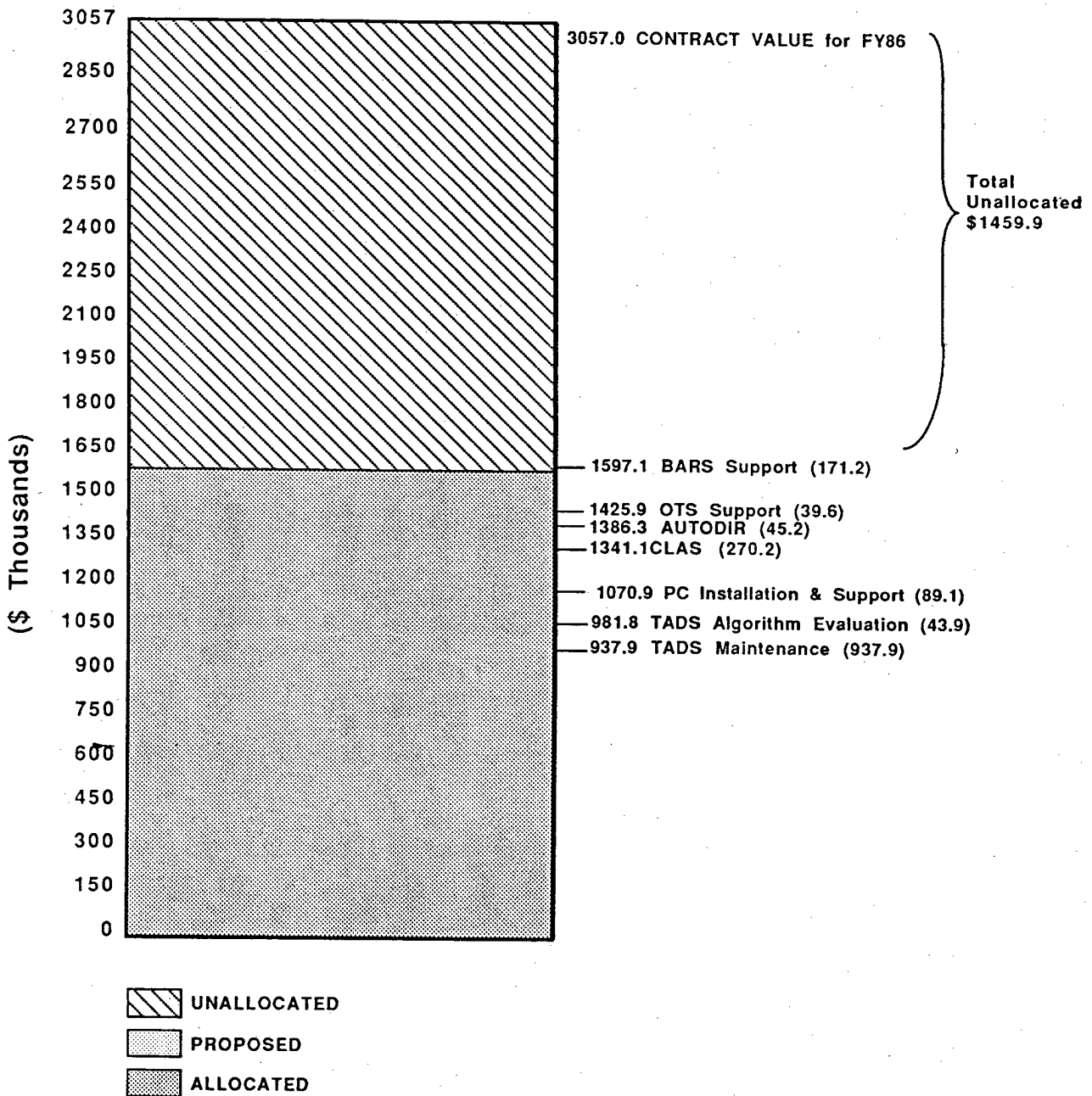
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AS OF: 30 SEPTEMBER 1986

SDE-2 TASKING STATUS FOR FY86



(\$ Shown includes fee)

IMPLEMENTATION PHASE

- TRAIN KEY PERSONNEL
 - Vendor Courses
- FINE TUNE PACKAGE
 - User Acceptance Test
 - Inititate Changes
 - Test Changes
- TRAIN USERS
 - In-House Courses

unclassified