APPENDIX A, Part I

Development of Milestone Schedules for Selected Logistics Support Directorate Programs. (U)


Technical Report

FROM 12/86 TO 9/87

1987 September 15

53

Appendix Milestone Schedules, Acquisition Management, Data Base Development

The Logistics Support Directorate is responsible for numerous developmental programs requiring comprehensive milestone schedules to guide programs through the Army's extensive materiel acquisition cycle. Schedules are developed using micro-computers to assist Project Engineers with the management of key activities. The objective of this effort was to develop milestone schedules for selected developmental programs. Examples were generated for use by Project Engineers when they develop future milestone schedules. The document also includes examples of a data request form to extract data from Project Engineers and a user's manual for data base management.

SECURITY CLASSIFICATION

AD-A185 808

UNCLASSIFIED

UNLIMITED

REPORT SECURITY CLASSIFICATION

DEFENSE CLASSIFICATION

N/A

UNCLASSIFIED

N/A

SAIC-87/1780

N/A

Science Applications Int'l Corp

US Army Belvoir Research, Development and Engineering Center

1710 Goodridge Drive, T-7-2

McLean, Virginia 22102

Commander

Fort Belvoir, Virginia 22060-5606

11 TITLE (include Security Classification)

A

PERSONAL AUTHOR(S)

B

12 TYPE OF REPORT

C

Technical Report

13b TIME COVERED

D

FROM 12/86 TO 9/87

14 DATE OF REPORT (Year, Month, Day)

E

1987 September 15

15 PAGE COUNT

F

53

16 SUPPLEMENTARY NOTATION

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

Acquisition Milestone Schedules, Acquisition Management, Data Base Development

21 ABSTRACT SECURITY CLASSIFICATION

UNCLASSIFIED

22a NAME OF RESPONSIBLE INDIVIDUAL

22b TELEPHONE (include Area Code)

Mr. James Stephens

703-664-5092

22c OFFICE SYMBOL

STRBE-FP

0033

SECURITY CLASSIFICATION OF THIS PAGE
DEVELOPMENT OF MILESTONE SCHEDULES FOR SELECTED LOGISTICS SUPPORT DIRECTORATE PROGRAMS

APPENDIX A, PART I
HTPM TEMPLATES

Science Applications International Corporation

DTIC
SELECTED
OCT 07 1987

DISTRIBUTION STATEMENT A
Approved for public release
Distribution Unlimited
DEVELOPMENT OF MILESTONE SCHEDULES
FOR
SELECTED LOGISTICS SUPPORT DIRECTORATE PROGRAMS

APPENDIX A, PART I
HTPM TEMPLATES

15 SEPTEMBER 1987

BRUCE B. HALSTEAD
ARTHUR A. NARRO
THOMAS J. FIDD
KURT A. KLADIVKO
JERRI Y. GIST

Prepared for:
US Army
Belvoir Research, Development and Engineering Center

Under
Contract Number DAAK70-84-D-0053
Task Order 0033

"The views, opinions and/or findings contained in this report are those of
the authors and should not be construed as an official Department of the
Army position, policy or decision unless so designated by other
documentation."

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Military Operations Analysis Division
1710 Goodridge Drive, T-7-2
McLean, Virginia 22102
# APPENDIX A

## HTPM TEMPLATES

### TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PART I: TEMPLATES</strong></td>
<td></td>
</tr>
<tr>
<td>ORGANIZATION OF DATA</td>
<td>A-1</td>
</tr>
<tr>
<td>RESEARCH AND DEVELOPMENT TEMPLATE</td>
<td></td>
</tr>
<tr>
<td>CONCEPT EXPLORATION PHASE</td>
<td>A-3</td>
</tr>
<tr>
<td>DEMONSTRATION AND VALIDATION PHASE</td>
<td>A-13</td>
</tr>
<tr>
<td>FULL SCALE DEVELOPMENT PHASE</td>
<td>A-35</td>
</tr>
<tr>
<td>PRODUCTION AND DEPLOYMENT PHASE</td>
<td>A-58</td>
</tr>
<tr>
<td>NONDEVELOPMENT ITEM TEMPLATE</td>
<td></td>
</tr>
<tr>
<td>PHASE I</td>
<td>A-71</td>
</tr>
<tr>
<td>PHASE II</td>
<td>A-86</td>
</tr>
<tr>
<td>PHASE III</td>
<td>A-100</td>
</tr>
<tr>
<td>ARMY STREAMLINED ACQUISITION PROCESS TEMPLATE</td>
<td></td>
</tr>
<tr>
<td>TECHNOLOGY BASE ACTIVITIES PHASE</td>
<td>A-112</td>
</tr>
<tr>
<td>PROOF OF PRINCIPLE PHASE</td>
<td>A-122</td>
</tr>
<tr>
<td>DEVELOPMENT/PRODUCTION PROVE OUT PHASE</td>
<td>A-137</td>
</tr>
<tr>
<td>PRODUCTION AND DEPLOYMENT PHASE</td>
<td>A-153</td>
</tr>
<tr>
<td>PRODUCT IMPROVEMENT PROGRAM</td>
<td></td>
</tr>
<tr>
<td>PHASE I</td>
<td>A-165</td>
</tr>
<tr>
<td>PHASE II</td>
<td>A-174</td>
</tr>
<tr>
<td>PHASE III</td>
<td>A-188</td>
</tr>
<tr>
<td>PHASE IV</td>
<td>A-204</td>
</tr>
</tbody>
</table>

<p>| <strong>PART II: TASK SUMMARIES</strong> | |
| RESEARCH AND TECHNOLOGY | |
| CONCEPT EXPLORATION PHASE | A-216 |
| DEMONSTRATION AND VALIDATION PHASE | A-229 |
| FULL SCALE DEVELOPMENT PHASE | A-253 |
| PRODUCTION AND DEPLOYMENT PHASE | A-278 |</p>
<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART II: TASK SUMMARIES (CON’T)</td>
<td></td>
</tr>
<tr>
<td>NONDEVELOPMENT ITEM</td>
<td></td>
</tr>
<tr>
<td>PHASE I</td>
<td>A-295</td>
</tr>
<tr>
<td>PHASE II</td>
<td>A-309</td>
</tr>
<tr>
<td>PHASE III</td>
<td>A-327</td>
</tr>
<tr>
<td>ARMY STREAMLINED ACQUISITION PROCESS</td>
<td></td>
</tr>
<tr>
<td>TECHNOLOGY BASE ACTIVITIES PHASE</td>
<td>A-344</td>
</tr>
<tr>
<td>PROOF OF PRINCIPLE PHASE</td>
<td>A-357</td>
</tr>
<tr>
<td>DEVELOPMENT/PRODUCTION PROVE OUT PHASE</td>
<td>A-372</td>
</tr>
<tr>
<td>PRODUCTION AND DEPLOYMENT PHASE</td>
<td>A-394</td>
</tr>
<tr>
<td>PRODUCT IMPROVEMENT PROGRAM</td>
<td></td>
</tr>
<tr>
<td>(TASK SUMMARIES FOR ASAP PROCESS ALSO PERTAIN TO THE PIP PROCESS)</td>
<td></td>
</tr>
</tbody>
</table>
HARVARD TOTAL MANAGER PROGRAM TEMPLATES

ORGANIZATION OF DATA

1. This Appendix contains four versions of HTPM templates designed to be fit to on-going and future Logistics Support Directorate acquisition programs to enhance management efforts.

   a. Two versions were provided by the Study Sponsor as a result of previous work. The first two versions contained in this Appendix are those versions, updated to accommodate the latest changes in Army acquisition procedures contained in pertinent regulations and directives. They are:

      - Research and Development (R&D)
      - Nondevelopment Item (NDI)

   b. Two additional versions, developed during the conduct of this analysis, are also included.

      - Army Streamlined Acquisition Process (ASAP)
      - Product Improvement Program (PIP)

   c. Each version is subdivided into phases:

      - R&D
        -- Concept Exploration (CE)
        -- Demonstration and Validation (DV)
        -- Full Scale Development (FS)
        -- Production and Deployment (PD)

      - NDI
        -- NDI1 (similar to CE above)
        -- NDI2 (similar to DV and FS above)
        -- NDI3 (similar to PD above)

      - ASAP
        -- ASAP1 (Technology Base Activities)
        -- ASAP2 (Proof of Principle)
        -- ASAP3 (Development/Production Prove Out)
        -- ASAP4 (Production and Deployment)

      - PIP
        -- PIP1 (Phases are similar to ASAP Phases above)
        -- PIP2
        -- PIP3
        -- PIP4

   d. This Appendix contains a roadmap for each main program associated with a phase and roadmaps for each subprogram associated with each main program. A roadmap consists of milestones, tasks and subprograms.
- Milestones are depicted by boxes. Milestones with names beginning with "D" (D8040) are "Dummy" milestones required when two or more tasks lead into one task or when one task branches into two or more tasks.

- The critical path is denoted by double lines.

- Tasks are named on the activity line. Tasks with names beginning with "CONT" (CONT. 02) or "D" followed by a number (D0160) are dummy tasks required when there are two or more milestones in sequence.

- Subprograms appear similar to tasks. They can be differentiated from tasks because their names begin with an asterisk, "*". For example, "*CEAP" would be a subprogram of the CE main program. However, if the subprogram name is eight characters long, the first two characters will be replaced by the "*". For example, "NILSARAM", a subprogram of NDII would be represented in the NDII main program as "*LSARAM".

2. The templates (or roadmaps) are followed by an alphabetically sorted task and milestone list, summarizing the tasks contained in the templates. Summaries include the task or milestone name, the schedule to which it belongs, AMMS or BELVOIR code numbers as appropriate, responsibilities for task accomplishment, event duration times, and task descriptions.
CONCEPT EXPLORATION PHASE

RESEARCH AND DEVELOPMENT TEMPLATE
CONCEPT EXPLORATION PHASE OF THE LIFE CYCLE MANAGEMENT MODEL

AMMS MILESTONES AND TASKS HAVE BEEN GIVEN NAMES TO DESCRIBE THE ACTIVITIES BEING UNDERTAKEN DURING THIS PERIOD.

THE ACQUISITION STRATEGY IS THE HEART OF PROGRAM PLANNING AND SETS THE BASIC COURSE OF ACTION TO BE FOLLOWED. (AR 70-1)

MILESTONES WHICH HAVE NAMES BEGINNING WITH "D", SUCH AS "DB040", ARE "DUMMY" MILESTONES. HTPM REQUIRES THESE NODES IN CASES WHERE TWO OR MORE TASKS LEAD INTO ONE TASK OR WHERE ONE TASK BRANCHES INTO TWO OR MORE TASKS.

THE TASKS ADDED ARE PROVIDED AS PERTINENT TO THE ACCOMPLISHMENT OF THE AMMS MILESTONES AS DESCRIBED IN DA PAM 700-XX. DURATION TIMES ARE BASED UPON ESTIMATED LEVELS OF EFFORT AND EXTRAPOLATION FROM SIMILAR TASKS PREVIOUSLY BUILT INTO THE SCHEDULE.

TASKS WHICH HAVE NAMES BEGINNING WITH "CONT", SUCH AS "CONT. 02", ARE "DUMMY" TASKS. HTPM REQUIRES THESE NODES IN CASES WHERE THERE ARE TWO MILESTONES IN SEQUENCE.
THE TASK ADDED IS PERTINENT TO THE ACCOMPLISHMENT OF THE AMMS MILESTONE.
CONCEPT EXPLORATION PHASE OF THE LIFE CYCLE MANAGEMENT MODEL

23-Mar-1987

THE SCP IS REQUIRED FOR THE MILESTONE I IPR PACKAGE.
(AR 70-1, AMC/TRADOC PAM 70-2, DA PAM 700-XX)

TASK AND MILESTONES ADDED TO SCHEDULE TO ACCOMPLISH PROGRAM MANAGEMENT PLANNING.
(AR 70-1, AR 71-9, AMC/TRADOC PAM 70-2, AND DA PAM 700-XXX)

THE LOA HAS BEEN SUSPENDED. THE ROC IS THE FORMAL REQUIREMENT DOCUMENT.
THE ROC IS NOT NORMALLY APPROVED UNTIL PROOF OF PRINCIPLE HAS BEEN CONDUCTED UNDER AN APPROVED O & O PLAN.
(AR 71-9, AMC/TRADOC PAM 70-2)
THE DEVELOPMENT OF THE BOIP AND QQPRI WILL BE PERFORMED DURING THE DEMONSTRATION AND VALIDATION PHASE CONCURRENT WITH THE ROC APPROVAL PROCESS. (AR 71-9, AR 71-2, AMC/TRADOC PAM 70-2, AND DA PAM 700-XXX)
DEMONSTRATION AND VALIDATION PHASE
RESEARCH AND DEVELOPMENT TEMPLATE
MILESTONES WHICH HAVE NAMES BEGINNING WITH "D", SUCH AS "D8040", ARE "DUMMY" MILESTONES. HTPM REQUIRES THESE NODES IN CASES WHERE TWO OR MORE TASKS LEAD INTO ONE TASK OR WHERE ONE TASK BRANCHES INTO TWO OR MORE TASKS.

THE TASKS ADDED ARE PROVIDED AS PERTINENT TO THE ACCOMPLISHMENT OF THE AMMS MILESTONES AS DESCRIBED IN DA PAM 700-XX. DURATION TIMES ARE BASED UPON ESTIMATED LEVELS OF EFFORT AND EXTRAPOLATION FROM SIMILAR TASKS PREVIOUSLY BUILT INTO THE SCHEDULE.
DEMOnstration AND VALIDATION PHASE

22-Aug-1987

Project IV

DA PTL LD 130.00 Dvs

D2270 DUMMY

PMAPP 128.00 Dvs

DIAG 45.00 Dvs

TD DMA AMMS2315

UP LSA/R 130.00 Dvs

DEPOT ID 127.00 Dvs

TECHNICAL DATA DEVELOPED FOR DEPOT MAINTENANCE REPAIRS (DA PAM 700-XXX)

SCHR/LD 15.00 Dvs

C PD DEF 10.00 Dvs

TT1 ST AMMS2130 145.00 Dvs

TT1 COMP AMMS2140

COND ST 5.00 Dvs

CONV SAR CNST SA 10.00 Dvs 45.00 Dvs

TPS MANAGEMENT PLAN FROM THE AMMS REGULATION AND THE TASKS NECESSARY FOR ACCOMPLISHMENT

DA PAM 700-XXX CHANGES DEVELOPMENTAL TESTS (DTs) TO TECHNICAL TESTS (TTs).

CONTRIBUTION
DA PAM 700-XXX CHANGES OPERATIONAL TESTS (OTs) TO USER TESTS (UTs).

THE AS AND COEA ARE REQUIRED IN THE IPR PACKAGE. THE PACKAGE SHOULD CONTAIN THE MOST CURRENT INFORMATION. (AR 70-1, AMC/TRADOC PAM 70-2)
THE DCP IS REQUIRED FOR THE MILESTONE II IPR. THE TASKS HAVE BEEN ADDED TO REACH THIS OBJECTIVE. (AR 70-1, AMC/TRADOC PAM 70-2, DA PAM 700-XXX)

UPDATE THE ILSP TO INCLUDE THE SFA AND THE PROVISIONING PLAN. (DA PAM 700-XXX)
DEMONSTRATION AND VALIDATION PHASE
22-Apr-1987

Project: DV

DEVELOPMENT OF THE IPR PACKAGE HAS BEEN MOVED SO AS TO INCLUDE THE UPDATED ILSP.
THE BOIPFD AND TQOPRI WILL BE DEVELOPED CONCURRENTLY AND IN COORDINATION TO EXPEDITE DEVELOPMENT OF BOTH. THEY WILL BE SUBMITTED ALONG WITH THE DI TO EARA AS A PACKAGE. EARA REVIEWS THIS PACKAGE AND SUBMITS IT TO TRADOC. THE DI WILL BE SUBMITTED TO DESCOM. (AMC/TRADOC PAM 70-2, AR 71-2)

THE BOIP/QQPRI WILL BE DEVELOPED AND APPROVED CONCURRENTLY WITH THE ROC. (AR 71-9)
REQUIRED HEADQUARTERS DA
APPROVAL ADDED PER AMC/TRADOC
PAM 70-2, DA PAM 700-XXX.
THE ROC WILL NOT NORMALLY BE APPROVED
UNTIL PROOF OF PRINCIPLE (DEMONSTRATION
AND VALIDATION) HAS BEEN CONDUCTED
UNDER AN APPROVED O & O PLAN. (AR 71-9)
THE DEVELOPMENT OF A DRAFT REQUIREMENT DOCUMENT (i.e., ROC) INITIATES THE ASSIGNMENT OF A Z-LIN AND DEVELOPMENT OF THE TBOIPFD AND TQOPRI. (AR 71-2)

THE TIMELINESS OBJECTIVE REQUIRES THAT THE BOIP AND THE ROC BE APPROVED AT THE SAME TIME. (AR 71-9)
FULL SCALE DEVELOPMENT PHASE
RESEARCH AND DEVELOPMENT TEMPLATE
FULL SCALE DEVELOPMENT PHASE
23-APR-1987

TASKS ADDED TO SCHEDULE BASED UPON GUIDANCE FROM AR 71-9, AR 70-1, DA PAM 700-XXX, AND AMC/TRADOC PAM 70-2

MILESTONES WHICH HAVE NAMES BEGINNING WITH "D", SUCH AS "DB040", ARE "DUMMY" MILESTONES. HTPM Requires these nodes in cases where two or more tasks lead into one task or where one task branches into two or more tasks.

TASKS WHICH HAVE NAMES BEGINNING WITH "CONT", SUCH AS "CONT.O2", ARE "DUMMY" TASKS. HTPM Requires these nodes in cases where there are two milestones in sequence.

THE TASKS ADDED ARE PROVIDED AS PERTINENT TO THE ACCOMPLISHMENT OF THE AMMS MILESTONES AS DESCRIBED IN DA PAM 700-XX. DURATION TIMES ARE BASED UPON ESTIMATED LEVELS OF EFFORT AND EXTRAPOLATION FROM SIMILAR TASKS PREVIOUSLY BUILT INTO THE SCHEDULE.
FULL SCALE DEVELOPMENT PHASE
23-Apr-1987

TASK AND MILESTONES ADDED
TO SCHEDULE TO ACCOMPLISH
PROGRAM MANAGEMENT PLANNING.
(AR 70-1, AR 71-9, AMC/TRADOC
PAM 70-2, AND DA PAM 700-XXX)
FULL SCALE DEVELOPMENT PHASE
23-Apr-1987

IN AMC/TRADOC 70-2 AND DA PAM 700-XXX THE NAME FOR DEVELOPMENTAL TESTS (DTS) HAS BEEN CHANGED TO TECHNICAL TESTS (TTs)

---

Page 3
IN DA PAM 700-XXX THE NAME OF OPERATIONAL TESTS (OTs) HAS BEEN CHANGED TO USER TESTS (UTs)

CONTRAINT

TASKS ADDED TO SCHEDULE BASED UPON GUIDANCE FROM DA PAM 700-XXX AND AMC/TRADOC PAM 70-2
FULL SCALE DEVELOPMENT PHASE
23-APR-1987

TASKS AND
MILESTONES
ADDED BASED
UPON GUIDANCE
IN DA PAM 700-XXX

TASKS ADDED FOR
ACCOMPLISHMENT
OF AMMS MILESTONE.
(DA PAM 700-XXX)

TASKS ADDED TO
ADHERE TO AND
ACCOMPLISH
AMMS MILESTONE.
(DA PAM 700-XXX,
AMC/TRADOC 70-2)
FULL SCALE DEVELOPMENT PHASE
23-APR-1987

TASKS AND
MILESTONES
ADDED BASED
UPON GUIDANCE
IN DA PAM 700-XXX
FULL SCALE DEVELOPMENT PHASE

Project: FSFB100

23-APR-1987

Page 1
FULL SCALE DEVELOPMENT PHASE
23-Apr-1987

Project: FSIPR2

```
<table>
<thead>
<tr>
<th>Stage</th>
<th>Action</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start</td>
<td>EST POST</td>
<td>32.00 hrs</td>
</tr>
<tr>
<td></td>
<td>CRD PKG</td>
<td>05.00 hrs</td>
</tr>
<tr>
<td></td>
<td>BCU CMTS</td>
<td>19.00 hrs</td>
</tr>
<tr>
<td></td>
<td>MARB CVD</td>
<td>10.00 hrs</td>
</tr>
<tr>
<td></td>
<td>TACT MTC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>END</td>
<td></td>
</tr>
</tbody>
</table>
```

AMHS3795
NONE
FULL SCALE DEVELOPMENT PHASE
23-APR-1987

<table>
<thead>
<tr>
<th>Entity</th>
<th>Action</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>0.00 s</td>
<td>0.00 s</td>
</tr>
<tr>
<td>UPO LSH</td>
<td>00.00 s</td>
<td>00.00 s</td>
</tr>
<tr>
<td>DUMMY</td>
<td>22.00 s</td>
<td>22.00 s</td>
</tr>
<tr>
<td>COMPL DEM</td>
<td>5.00 s</td>
<td>5.00 s</td>
</tr>
<tr>
<td>SB UIDEM</td>
<td>55.00 s</td>
<td>55.00 s</td>
</tr>
<tr>
<td>END</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

A-52
FULL SCALE DEVELOPMENT PHASE
23-Apr-1987

Diagram of processes with durations.
THE TASKS ADDED ARE PROVIDED
AS PERTINENT TO THE ACCOMPLISHMENT
OF THE AMMS MILESTONES AS
DESCRIBED IN DA PAM 700-XX.
DURATION TIMES ARE BASED UPON
ESTIMATED LEVELS OF EFFORT
AND EXTRAPOLATION FROM SIMILAR
TASKS PREVIOUSLY BUILT INTO
THE SCHEDULE.
TASKS ADDED TO SCHEDULE BASED UPON GUIDANCE FROM DA PAM 700 XXX AND AMC/TRADOC PAM 70 2
PRODUCTION AND DEPLOYMENT PHASE
RESEARCH AND DEVELOPMENT TEMPLATE
MILESTONES AND TASKS
ADDED TO COMPLETE
THE BOIP/QQPRI
PROCESS. (AR 71-2,
AMC/TRADOC PAN
70-2, AND DA
PAM 700-XXXX)

MILESTONES WHICH HAVE NAMES BEGINNING WITH "D",
SUCH AS "DB040", ARE "DUMMY" MILESTONES. HTPM
REQUIRES THESE NODES IN CASES WHERE TWO OR
MORE TASKS LEAD INTO ONE TASK OR WHERE ONE TASK
BRANCHES INTO TWO OR MORE TASKS.

TASKS WHICH HAVE NAMES BEGINNING WITH "CONT",
SUCH AS "CONT 02", ARE "DUMMY" TASKS. HTPM
REQUIRES THESE NODES IN CASES WHERE THERE
ARE TWO MILESTONES IN SEQUENCE.

THE TASKS ADDED ARE PROVIDED
AS PERTINENT TO THE ACCOMPLISHMENT
OF THE AMMS MILESTONES AS
DESCRIBED IN DA PAM 700-XX.
DURATION TIMES ARE BASED UPON
ESTIMATED LEVELS OF EFFORT
AND EXTRAPOLATION FROM SIMILAR
TASKS PREVIOUSLY BUILT INTO
THE SCHEDULE.
TASKS ADDED TO
SCHEDULE BASED
UPON GUIDANCE FROM
DA PAM 700-XXX AND
AMC/TRADOC PAM 70-2

THE TASKS ADDED ARE PROVIDED
AS PERTINENT TO THE ACCOMPLISHMENT
OF THE AMMS MILESTONES AS
DESCRIBED IN DA PAM 700-XX.
DURATION TIMES ARE BASED UPON
ESTIMATED LEVELS OF EFFORT
AND EXTRAPOLATION FROM SIMILAR
TASKS PREVIOUSLY BUILT INTO
THE SCHEDULE.
PRODUCTION AND DEPLOYMENT PHASE

23-APR-1967

SCHED C → KE1 TRNG → TRN DIST → CONT. 01 → IAP CPL → CONT. 02
AMMS4000 → 20.00 Dts.
AMMS4090
AMMS3225

Tasks added to schedule based upon guidance from DA Pam 700-XXX.

The tasks added are provided as pertinent to the accomplishment of the AMMS Milestones as described in DA Pam 700-XX. Duration times are based upon estimated levels of effort and extrapolation from similar tasks previously built into the schedule.
NONDEVELOPMENT ITEM PHASE I

NDI TEMPLATE
MILESTONES WHICH HAVE NAMES BEGINNING WITH "D", SUCH AS "DB040", ARE "DUMMY" MILESTONES. HTPM REQUIRES THESE NODES IN CASES WHERE TWO OR MORE TASKS LEAD INTO ONE TASK OR WHERE ONE TASK BRANCHES INTO TWO OR MORE TASKS.

TASKS WHICH HAVE NAMES BEGINNING WITH "CONT", SUCH AS "CONT. 02", ARE "DUMMY" TASKS. HTPM REQUIRES THESE NODES IN CASES WHERE THERE ARE TWO MILESTONES IN SEQUENCE.

THE TASKS ADDED ARE PROVIDED AS PERTINENT TO THE ACCOMPLISHMENT OF THE AMMS MILESTONES AS DESCRIBED IN DA PAM 700-XX. DURATION TIMES ARE BASED UPON ESTIMATED LEVELS OF EFFORT AND EXTRAPOLATION FROM SIMILAR TASKS PREVIOUSLY BUILT INTO THE SCHEDULE.
THE LOA HAS BEEN SUSPENDED. THE ROC IS THE FORMAL REQUIREMENT DOCUMENT. THE ROC IS NOT NORMALLY APPROVED UNTIL PROOF OF PRINCIPLE HAS BEEN CONDUCTED UNDER AN APPROVED O & O PLAN.

(AR 71-9, AMC/TRADOC PAM 70-2)
THE BOIP AND OQPRI WILL BE DEVELOPED AND
APPROVED CONCURRENTLY WITH THE ROC. THESE
DOCUMENTS WILL BE DEVELOPED AFTER THE
PROGRAM HAS COMPLETED THE PROOF OF PRINCIPLE
PHASE (NDI).
The Acquisition Strategy is the heart of program planning and sets the basic course of action to be followed (AR 70-1).
THE AS AND COLA ARE REQUIRED PROGRAM MANAGEMENT DOCUMENTS. THESE DOCUMENTS PACKAGE SHOULD CONTAIN THE MOST CURRENT PROGRAM DATA. THE DCP IS REQUIRED FOR THE MILESTONE III IPR. THE TASKS HAVE BEEN ADDED TO ACHIEVE THIS OBJECTIVE. (AR 70-1, AMC/TRADOC PAM 70-2, DA PAM 700-XXX)

MILESTONES WHICH HAVE NAMES BEGINNING WITH "D", SUCH AS "DBO40", ARE "DUMMY" MILESTONES. HTPM REQUIRES THESE NODES IN CASES WHERE TWO OR MORE TASKS LEAD INTO ONE TASK OR WHERE ONE TASK BRANCHES INTO TWO OR MORE TASKS.

THE TASKS ADDED ARE PROVIDED AS PERTINENT TO THE ACCOMPLISHMENT OF THE AHMS MILESTONES AS DESCRIBED IN DA PAM 700-IX. DURATION TIMES ARE BASED UPON ESTIMATED LEVELS OF EFFORT AND EXTRAPOLATION FROM SIMILAR TASKS PREVIOUSLY BUILT INTO THE SCHEDULE.

TASKS WHICH HAVE NAMES BEGINNING WITH "CONT", SUCH AS "CON1 02", ARE "DUMMY" TASKS. HTPM REQUIRES THESE NODES IN CASES WHERE THERE ARE TWO MILESTONES IN SEQUENCE.
THESE ILS TASKS ARE REQUIRED FOR UPDATING THE ILSP TO INCLUDE THE SFA AND THE PROVISIONING PLAN. (DA PAM 700-XXX)

REQUIRED TASKS AND MILESTONES ADDED PER DA PAM 700-XXX.

THE ROC WILL NOT NORMALLY BE APPROVED UNTIL PROOF OF PRINCIPLE (DEMONSTRATION AND VALIDATION) HAS BEEN CONDUCTED UNDER AN APPROVED O & O PLAN. (AR 71-9, AMC/TRADOC PAM 70-2)

DUPLICATE NAMES HAVE BEEN CHANGED.
DUPLICATE NAMES HAVE BEEN CHANGED.
NONDEVELOPMENT ITEM PHASE III

NDI TEMPLATE
MILESTONE ADDED
BASED UPON
GUIDANCE IN
DA PAM 700-XXX

MILESTONES AND TASKS
ADDED TO COMPLETE
THE BOIP/QQPR1
PROCESS. (AR 71-2,
AMC/TRADOC PAM
70-2, AND DA
PAM 700-XXX

MILESTONES WHICH HAVE NAMES BEGINNING WITH "O".
SUCH AS "DB040", ARE "DUMMY" MILESTONES. HPIM
REQUIRES THESE NODES IN CASES WHERE TWO OR
MORE TASKS LEAD INTO ONE TASK OR WHERE ONE TASK
BRANCHES INTO TWO OR MORE TASKS.

THE TASKS ADDED ARE PROVIDED
AS PERTINENT TO THE ACCOMPLISHMENT
OF THE AMMS MILESTONES AS
DESCRIBED IN DA PAM 700-XX.
DURATION TIMES ARE BASED UPON
ESTIMATED LEVELS OF EFFORT
AND EXTRAPOLATION FROM SIMILAR
TASKS PREVIOUSLY BUILT INTO
THE SCHEDULE.

TASKS WHICH HAVE NAMES BEGINNING WITH "CONT".
SUCH AS "CONT. 02", ARE "DUMMY" TASKS. HPIM
REQUIRES THESE NODES IN CASES WHERE THERE
ARE TWO MILESTONES IN SEQUENCE.
NONDEVELOPMENT ITEM (NDI) PHASE III

23-Apr-1987

PROJECT: NDI3

Tasks added to schedule based upon guidance from DA PAM 700-XXX and AMC/TRADOC PAM 70-2
Tasks added to schedule based upon guidance from DA Pam 700-XXX and AMC/TRAN PAM 70-2
ASAP PHASE I

TECHNOLOGY BASE ACTIVITIES
ASAP PHASE II
PROOF OF PRINCIPLE
PROOF OF PRINCIPLE PHASE OF THE HSAP MODEL
20-May-1987
Page 2
PROOF OF PRINCIPLE PHASE OF THE ASAP MODEL

14-May-1987

A-129
PROOF OF PRINCIPLE PHASE OF THE SMIF MODEL
20-Mar-1987
ASAP PHASE III
DEVELOPMENT/PRODUCTION PROVE OUT
ASAP PHASE IV

PRODUCTION AND DEPLOYMENT
PHASE I

PIP TEMPLATE
PRODUCT IMPROVEMENT PROGRAM PHASE I

Project: PILSP

1. Start
2. DEV SRO
   10.00 Dvs
3. PRE LSR
   10.00 Dvs
4. CRD ILSP
   30.00 Dvs
5. DRO PLAN
6. DFT ILSP
   60.00 Dvs
7. PP DEV
   40.00 Dvs
8. LOG STAT
   10.00 Dvs
9. ILSP AMC
   NONE
10. 0100
11. DUMMY
12. ILSP 2 AMC
   5.00 Dvs
13. OCS LOC
   10.00 Dvs
14. ILS REV
   AMMS100
15. ILS APP
   22.00 Dvs
16. ILS AVL
   AMMS1080
PRODUCT IMPROVEMENT PROGRAM PHASE I

Project: PIDOPLAN

PI PROP → FEAS STY → D10 PLN
NONE
AMMS0300

D10 DEV → 40.00 Dvs
D10 JNC
AMMS0400
PREP MRC

MARC 1
80350

ENLZ D10 → END
AS BEGIN
HRK SRVL
40.00 Dvs
60.00 Dvs
DUMMY
PHASE II

PIP TEMPLATE
DEVELOPMENT OF MILESTONE SCHEDULES FOR SELECTED LOGISTICS SUPPORT DIRECTO. (U) SCIENCE APPLICATIONS INTERNATIONAL CORP MCLEAN VA MILITARY OP.

UNCLASSIFIED B B HALSTEAD ET AL. 15 SEP 87 F/G 15/5 ML
PHASE III

PIP TEMPLATE
PRODUCT IMPROVEMENT PROGRAM PHASE III

START  PREP THP  REV THP  FIN THP  VALD DOC  UPD DOC  FIN DOC  ICTP DEV  PREP NET  END

DUMMY  22.00 Dvs  37.00 Dvs  44.00 Dvs  22.00 Dvs  37.00 Dvs  22.00 Dvs  AMMS3210  44.00 Dvs  DUMMY
PHASE IV

PIP TEMPLATE
END
12-87
DTC