AD-A171 163   ONLINE FIVE YEAR SCHEDULE SYSTEM (ONLFYSED) TERMINAL   1/1
               USERS GUIDE(U) JOINT DATA SYSTEMS SUPPORT CENTER
               WASHINGTON DC   OCT 85

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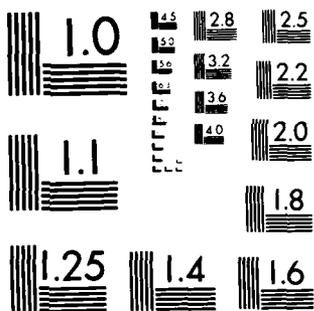
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AD–A171 163

**JOINT DATA SYSTEMS
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ONLINE FIVE YEAR SCHEDULE SYSTEM (ONLEXXED)
TERMINAL USERS GUIDE
OCTOBER 1985

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APPENDICES

Section. 1.   GENERAL DESCRIPTION

1.1   Purpose

The objective of the Online Exercise Schedule System (ONLEXKED) Terminal Users Guide is to provide the J-3 and specific CINC users with the information necessary to use the system effectively.

1.2   PROJECT REFERENCES

ONLEXKED assists the Joint Exercise Division (JED) of the organization of the Joint Chiefs of Staff (OJCS) Director for operations (J-3), in the preparation of 5-year Exercise Schedule reports which are generated and distributed to participating CINCs. ONLEXKED operates using the WWMCCS Honeywell 6000 (H6000) computer.

Related reference documentation includes the following:

a. Honeywell. 765/775/785 Visual Information Projection (VIP) Systems. AA19, Rev. 1, May 1973.
b. Honeywell. 7700 Series Visual Information Projection (VIP) Systems Preliminary Edition. A129, August 1973
c. Honeywell. TSS Terminal/Batch Interface. DD21, April 1974.
d. Department of Defense, Automated Data Systems Documentation Standards. 7935.1-5, September 1977.
e. Command and Control Technical Center, CCTC H6000 Programmers Handbook, Procedures Manual, PM 34-79, 15 March 1979.
f. Command and Control Technical Center, WIN User Handbook, Volume 1, File Transfer Service (FTS), TM 187-78, June 1978.
g. SM 437-79, dated 17 July 1979, "JCS Directed and JCS Coordinated Exercise Program."

SECTION 2. SYSTEM SUMMARY

2.1 System Application

The purpose of the online 5-year Exercise Schedule (ONLEXKED) is to provide automated support to assist action officers in the exercise program development process. This is accomplished via a conversational question - answer mode between the user and the executing ONLEXKED program. It provides the capability to create exercises, handle periodic updates and retrievals, and print reports by selected fiscal years. Additionally, remote users of this system can maintain their own data base and can send specified exercises to the JCS Directed and Coordinated Exercise Data Base via the WWMCCS Intercomputer Network (WIN).

2.2 System Operations

Transactions are entered via automated preformatted Cathode Ray Tube (CRT) displays which allow the user to input data in prepositioned fields and select various commands to perform functions necessary to maintain the JCS Directed and Coordinated Exercise Data Base. Time sharing programs accept and interpret user inputs to provide the following capabilities:

(a) Add a new exercise to the data base.

(b) Update an existing exercise.

(c) Delete an entire exercise or specific data from a given exercise.

(d) Transfer specified exercise(s) between a remote user's data base and the JCS resident data base.

(e) List all exercises currently on the data base.

(f) Copy information from an existing exercise into an exercise which is being created.

(g) List all valid terminal commands.

(h) Print selected reports (from site resident data base)

2.3 System Organization

The ONLEXKED system is comprised of four time-sharing environment modules. Each module performs a specific function. The ONLUPD program is the controller of the system. This module determines, based on user inputs, what ONLEXKED module needs to be called into core for execution. EDIT is called to screen inputs transaction for errors. UPDATE is called to add, change or delete data from the data base. RESE is called to resequence internal line numbers within a given paragraph.

The modules are made available to the terminal through a standard Honeywell TSS command called JDAC (Job Direct Access Communication). This allows a terminal user to directly communicate with an executing program. The relationships and interfaces between the ONLEXKED module are depicted in Appendix A Figure 1.

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SECTION 3. GENERAL TERMINAL PROCEDURES

This section will discuss general procedures that are common throughout the
ONLEXKED system. Responding to prompt characters, generating NULL responses,
the END command, the DONE command, the EXIT command, the HELP command and the
LIST command are described. In the examples below, (TX) means depress the
transmit key and (NULL) means enter a NULL response. This will apply from
here on in throughout the Users Guide.

3.1 RESPONDING TO PROMPT CHARACTERS

When the ONLEXKED system expects the user to respond, it issues double
question marks (??). At this time the user moves the cursor to the (??) and
enters the appropriate response. The question marks are overwritten.

        EXAMPLE
            Terminal Output; Header Level
                              ??
            User Response;   PUR (TX)
                This command enters the Purpose paragraph.

            NOTE: The PUR command would be written directly over the ??.

If after entering a response, as shown above, the terminal comes back with
a -?, always respond with a NULL response. NULL responses for the Honeywell
terminal types 786 and 7705 are described as follows;
    a. For terminal 786 depress the following keys in the sequence described;
EXT, LR, PRT/TX.
    b. For terminal 7705 depress the CLEAR key, then press the CRT key and
hold while pressing the TRANSMIT key.

3.2 DONE EXIT AND END COMMANDS

DONE, EXIT and END commands are used to terminate processing at a given
level and return control to the next higher level.

While in the PARAGRAPH LEVEL:

    EXIT: Returns control to the HEADER LEVEL
    DONE: Returns control to the EXERCISE LEVEL
    END: Terminates the ONLEXKED program

While in the HEADER LEVEL:

    DONE: Returns control to the EXERCISE LEVEL
    EXIT: Not a valid command at this level
    END: Terminates the ONLEXKED program
See appendix E for description of each field in the header screen

While in the EXERCISE LEVEL:
        END: Terminates the ONLEXKED program

3.3.   LIST COMMAND

The LIST command is available at all three levels. If issued at the
EXERCISE LEVEL, a list of all the Exercises resident on the data base and the
originating CINC, time an exercise was sent from a remote site, and the date
and time of the latest update is listed on the screen.

When the LIST command is issued at the HEADER or PARAGRAPH LEVEL, the
preformatted displays for the HEADER and selected paragraph is listed with its
associated data. This gives the user the capability to review data content
within a given exercise item.

3.4 HELP COMMAND

The HELP command is available at all three levels. When issued, it
provides a list of all the valid commands that are available in the level in
which the command was invoked. (See Appendix C for a listing of the HELP
displays.

SECTION 4.   ONLEXKED OPERATING INSTRUCTIONS

4.1.   Computer Log—On Procedure   (See Appendix A Figure 2)

   a. Enter $*$5,TSS

   b. Display   Site Dependent

   c. Display   IDENT user dependent

4.1.1 ONLEXKED Program Initiation Procedures

   d. Display   *

   e. Enter   CARD OLD A01IDP00/ONLEXKED/JCL/ONLUPD,R

   f. Display   *

   g. Enter   Run

   h. Display   SNUMB 9999t
                  #AT this point, ONLEXKED is loaded for
                  execution and given a system number (9999t)
                  where 9999t is system assigned number.

   i. Enter   JSTS 9999t
                  #This gives the user the status of the job.

   j. Display   9999t-01 EXECUTING

   k. Enter   JDAC 9999t
                  # Enter JDAC only when JOB status comes back
                  with EXECUTING. This sets up the linkage
                  with the executing program (ONLUPD) and the
                  user terminal.

   l. Display   Display line L.

   m. ENTER   NULL response.

   n. Display   Display line N.

   o. Enter   NULL response

# Denotes explanatory remarks.

#These two displays initialize internal program functions.

P-Q. Display   EXERCISE SCHEDULE UPDATE PROGRAM EXERCISE LEVEL
                    #The system is now ready to accept user input.
                    Display line P. gives the day and time user logged-on.
                    Line Q provides USERID of user and the site which logged
                    on. System will display :Exercise Schedule update
                    program:
                    #Note: The first level available to the user is the
                    EXERCISE LEVEL.

4.2   EXERCISE LEVEL PROCEDURES

4.2.1   OLD COMMAND (See Appendix A Figure 3)
  a.   Display   EXERCISE LEVEL

  b.   Enter   OLD

  c.   Display   EXERCISE NAME

  d.   Enter   Name of exercise to be retrieved
                      #A short form can be used: ∩LD, Exercise name. This
                      avoids the system prompting the user for the Exercise
                      name

                      #The system will retrieve the named exercise from the
                      data base and pass control to the HEADER LEVEL.

4.2.2   New Command (See Appendix A Figure 4)
  a.   Display   EXERCISE LEVEL

  b.   Enter   NEW

  c.   Display   EXERCISE NAME

# Denotes explanatory remarks.

d.   Enter   Name of exercise to be created.

            #A short form can be used: NEW, EXERCISE
            name. This avoids the system prompting the
            user for Exercise name.

            #Control will be passed to the HEADER LEVEL
            at this time to input header data for the
            new exercise.

4.2.3   CPY (Copy) Command (See Appendix A Figure 5)

a.   Display   EXERCISE LEVEL

b.   Enter   CPY, name of exercise to be copied into new
            exercise being created.
            #This is a short form.

c.   Display   NEW EXERCISE

d.   Enter   Exercise into which exercise name in (b)
            above is to be copied.

e.   Display   Contents of Entry b. were copied into Entry
            d. 010 records were copied.

            #Information display telling user the names
            of the exercises used in the copy function
            and the number of records copied.

f.   Display   MORE EXERCISES TO COPY (Y or N)

g.   Enter   N, to end function
            Y, will allow user to copy additional
            exercises.

4.2.4   DEL (Delete) Command (See Appendix A Figure 6)

a.   Display   EXERCISE LEVEL

# Denotes explanatory remarks

b. Enter   DEL, name of exercise to be deleted.

#Short form is being used.

c. Display   DELETE EXERCISE: <u>EXERCISE NAME</u>
(Y or N)
d. Enter   Y, Deletes message.
N, Ignores delete request.

#Gives user a second chance before actually
deleting exercise.

e. Display   DELETED EXERCISE: <u>Exercise name</u>

#Information display telling the user the
message was seleted.

f. Display   MORE EXERCISES TO BE DELETED   (Y or N)

g. Enter   N, terminates delete function
Y, allows user to delete additional
exercises.

4.2.5   <u>SEN (SEND) COMMAND</u>   (See Appendix A Figure 7)

a. Display   EXERCISE LEVEL

b. Enter   Sen

C. Display   EXERCISE NAME TO BE SENT

d. Enter   Exercise name of exercise to be sent to JCS
resident data base.

e. Display   MORE EXERCISES TO BE SENT (Y OR N)

f. Enter   Y, to continue
N, terminate send function.

#Exercises are written to a PRMFL. FTS is used to
transfer file to a particular CINC or to JCS. A batch program
is invoked to add records to the Data Base. See Appendix H
for specific instructions.

denotes explanatory remarks.

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\# Denotes explanatory remarks.

4.2.6 <u>REP (REPORT Command)</u> (See Appendix A Figure 8)

a.	Display	EXERCISE LEVEL
b.	Enter	REP
c.	Display	SPECIFY TYPE(s) OF REPORT(s) DESIRED.

                          1=SIGNIFICANT EXERCISE.
                          2=JCS DIRECTED & COORDINATED EXERCISE
                          3=TRANSPORTATION REPORT.

d.	Enter	Specify a desired report: "1" or "2" or "3".

**RESPONSE TO "1" (SIGNIFICANT EXERCISES)
                \#This will be displayed if user desired
                 significant exercises.

e.	Display	STARTING DATE (YYMMDD) OF SIGNIFICANT EXERCISES
f.	Enter	YYMMDD numeric date
g.	Display	ENDING DATE (YYMMDD) OF SIGNIFICANT EXERCISES.
h.	Enter	YYMMDD Numeric Date
i.	Display	TRANSPORTATION PRINTED TO WHAT YEAR? (YY).
j.	Enter	
k.	Display	CINCS

XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX

        Users can select certain cinc's exercides by
        placing 3-character command codes followed
        by a comma. The maximum of 20 cincs can be
        selected in this manner. If users responded
        null to this display, the program will select
        exercises from all cincs.

RESPONSE to "2" (JCS DIRECTED AND COORDINATED EXERCISES)

a.	Display	STARTING DATE (YYMMDD) OF JCS DIRECTED AND COORDINATED EXERCISE
b.	Enter	YYMMDD Numeric Date
c.	DISPLAY	ENDING DATE (YYMMDD) OF JCS DIRECTED AND COORDINATED EXERCISE
d.	Enter	YYMMDD Numeric Date

e. Display   CINCS
                XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX

                Users can select certain cinc's exercises by
                placing 3-character command codes followed
                by a comma. The maximum of 20 cincs can be
                selected in this manner. If users responded
                null to this display, the program will select
                exercises from all cincs.

**RESPONSE TO "3" (TRANSPORTATION REPORT).

a. Display   STARTING FISCAL DATE (YYMMDD)
b. Enter   YYMMDD Numeric Date.
c. Display   ENDING FISCAL DATE (YYMMDD)
d. Enter   YYMMDD Numeric date.
e. Display   CINCS
                XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,

                #Users can select certain cinc's exercises by
                placing 3-character command codes followed
                by a comma. The maximum of 20 cincs can be
                selected in this manner. If users responded
                null to this display, the program will select
                exercises from all cincs.
f. Display   SPAWNING REPORT IN PROGRESS...
               SPAWNED REPORT SNUMB

                #This is an information display telling the
                user that the print report is being spawned
                and the system number (SNUMB) of the job.
                A spawned job is one in which a job is put
                into execution independent of the ONLEXKED
                program. The SNUMB always has a Z suffix
                Example 9999Z. Note: Record this SNUMB
                when its displayed in order to pick up job
                when its completed.

4.3. HEADER LEVEL PROCEDURES

The following is an example of adding data at the HEADER
LEVEL There is really no difference in procedures
when entering data to create exercise header data or
changing a field already existing. The procedure is the same
except for the transaction code used

     The field names in the Header format are self-explanatory.
Two fields used, however, need to be defined. The DATE MASK is
used to print TBD (TO BE DETERMINED) on the Joint Exercise
Schedule Report when the employment date is or inclusive date unknown. To use
this feature, enter any non-numeric character in the data field.
The NATURE field is used to describe the nature of the exercise
(amphibious, mobilization, general war, etc). To date, no pres-
cribed entries have been established by the OJCS. Any six character
entry will be accepted by the system.

4.3.1   Adding and Changing Header Data (See Appendix A Figure 9)

     a.   Display   EXERCISE LEVEL
     b.   Enter   OLD, OLD Exercise name or NEW, New Exercise
                      name.
                      #OLD retrieves an existing exercise and NEW is
                      used to create an exercise. EXERCISE NAME =
                      displays exercise name used.
     c.   Display   HEADER LEVEL
     d.   Enter   LIST
                      #See discussion of LIST command in Section 3
                      (paragraph 3.3)
     e.   Display   Preformatted Header
     f.   Enter at Line B   A, B001 = J Redcom MAC - To add
                              data: Move cursor to the (*) at
                              Line B. The entry is typed under
                              the formatted fields. Tab to the
                              last character in the line and de-
                              press transmit key.

# Denotes explanatory remarks.

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This particular entry added CINC Code = J,
Sponsor -l= US REDCOM, SPONSOR -2=MAC and
deleted SPONSOR -3. This same procedure
applies to all data entry lines (A,B,C, and D).
To change existing data: Move cursor to the
line to be changed (Line B) enter A, C at the
(*) and tab to the field to be changed. Change
the field and TAB to end of the line and transmit.
Example: C,B001=_____SAC_____(TX). This
entry changes SPONSOR 2 from MAC to SAC.
If the NEW command is used, the data fields dis-
played will be blank. If the OLD command is used,
the contents of the data fields will be displayed.

g.   Display FILE UPDATED

#Information display telling user that the file
 has been updateded. 1, 2, 3 are only valid entries
 for part. Part 3 is for service related exercise only.
 An Entry must be made in START and END for INCLUSIVE
 DATE. C, D, N, are only valid entries in type.

4.3.2   CPY (Copy) PARAGRAPH PROCEDURE   (See Appendix A Figure 10)
     The copy function at this level, allows the user to copy a
given paragraph from an existing exercise into the same paragraph
of the exercise currently being processed. If the paragraph of the
exercise that receives the data already has entries present, they
will be overwritten when the CPY command is used.

     a. Display HEADER LEVEL
     b. Enter   CPY
     c. Display PARAGRAPH TO BE COPIED

     # Denotes explanatory remarks.

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d.   Enter   Paragraph name.

          #See Appendix B for valid HEADER LEVELS
          commands. DESC is the Description Paragraph.
e.   Display EXERCISE NAME WHERE PARAGRAPH PARAGRAPH NAME
          is copied from
f.   Enter   Exercise name.

          #Paragraph name was replaced by DESCRIPTION,
          the paragraph requested in Entry d. above.
g.   Display COPIED PARAGRAPH: Paragraph Name
               From: Exercise Name
               To : Exercise Name

          #Information display telling user that the
          paragraph requested for copy (DESCRIPTION)
          was copied from and to the exercises named.
h.   Display MORE PARAGRAPHS TO BE COPIED (Y or N)
i.   Enter   N, to terminate copy function
          Y, to copy additional paragraphs.

4.3.3 DEL (DELETE) PARAGRAPH PROCEDURE (See Appendix A Figure 11)

    This function allows the user to delete selected paragraphs
in a given exercise.
a.   Display HEADER LEVEL
b.   Enter   DEL
c   Display PARAGRAPH TO BE DELETED
d.   Enter   Paragraph name.

          #See Appendix B for a list of valid HEADER
          LEVEL commands. PUR is the Purpose paragraph.

#Denotes explanatory remarks.

e. Display   DELETE PARAGRAPH <u>Paragraph name</u>
                OF EXERCISE <u>Exercise name</u>
                (Y or N)

f. Enter   Y, Deletes requested paragraph
                N, Ignores delete request.

g. Display   NNN RECORDS WERE DELETED

                # Information display telling user how many
                  records were deleted.

h. Display   MORE PARAGRAPHS TO BE DELETED (Y OR N)

i. Enter   N, to terminate delete function
                Y, to delete additional paragraphs.

4.4 <u>PARAGRAPH LEVEL</u> Procedures

The procedures to follow will discuss adding lines, changing lines and deleting lines within a selected paragraph. These rules apply to all the paragraphs except the FUN (FUNDS) paragraph which will be explained separately.

4.4.1. <u>LINE HANDLING</u>
Adding, deleting, changing and inserting, lines.

4.4.1.1. <u>Adding Lines</u> (See Appendix A Figure 12)
    a. Display   HEADER LEVEL
    b. Enter   PUR
    c. Displlay   Preformatted Purpose Paragraph

# Denotes explanatory remarks.

d.   Enter   A,·999= THE PURPOSE OF THIS EXERCISE---
                      #Move the cursor to the first (*)
                      Line and enter A (ADD), tab to the
                      first position after the = sign
                      and begin entering data until the "/" is
                      reached. Continue this procedure until the
                      last line is complete. Tab to the first pos-
                      ition past the "/" and depress the Transmit
                      key. Line numbers are automatically generated.

e.   Display FILE UPDATED.
                      #Information display telling user the file has
                      been updated.

4.4.1.2 Deleting Lines (See Figures 13 & 14)
    a.   Enter   D, NNN - MMM

    b. Example
       D,   002- 005
                      #To delete lines from a paragraph, all that
                      is required is to enter the D, NNN - MMM
                      Command. NNN= Starting line number
                               MMM= Ending line number.
                      In this example, lines 2 through 5 would be
                      deleted and the paragraph line numbers auto-
                      matically resequenced.

4.4.1.3. Changing and Inserting Lines (See Figure 15 & 16)
    a. Enter   C, 001 = CHANGE LINE 1.
                      #Move the cursor to the (*) of line to be
                      changed. Enter the change, tab to the first
                      position after the "/" and transmit. In the
                      example, line 001 was changed.

Denotes explanatory remarks.

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b. Enter   A, 002 = INSERT
             THIS LINE AFTER
             PURPOSE - LINE 6 -----
             #Move the cursor to the (*) of the line
             that will precede the line to be inserted.
             Enter the inserted line as shown in (b)
             above, tab to the first position after the "/"
             and transmit.
             In the example, a line was inserted after Purpose
             Paragraph line 02.
             NOTE: In the previous example line 02 through 05
             was deleted and the paragraph was resequenced.
             This is why the data "LINE 6" appears as the second
             line. When more than 10 lines are to added press
             trx key after line 10 is complete. Press Clear Key
             and enter A,011= LINE 11 Data, continue for 10 more
             lines and follow same procedures until desired lines
             are entered.

4.4.2   FUN (FUNDS) Procedures (See Appendix A Figure 17 & 18)

             Entering data in the FUN (FUNDS)
             paragraph is similar to making
             entries at the HEADER LEVEL. Entries
             are made sequentially under the pre-
             defined fields. To add data, enter data
             under the fields that apply. To change
             data enter the field that has to be changed
a. Display PREFORMATTED FUN PARAGRAPH
B. ENTER   A,001 = 00052 00056-----
             #Move the cursor to the (*) under the TR field,
             enter A (ADD), tab to the first position
             after the ≈ sign and enter data under the cost
             fields that apply. To change a field, enter a
             C (CHANGE) at the (*), tab to the field that
             needs changing, enter the change, tab to the
             end of the line and transmit.

Denotes explantory remarks.

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APPENDIX - A

DISPLAYS ON ENTERING, ADDING AND DELETING INFORMATION
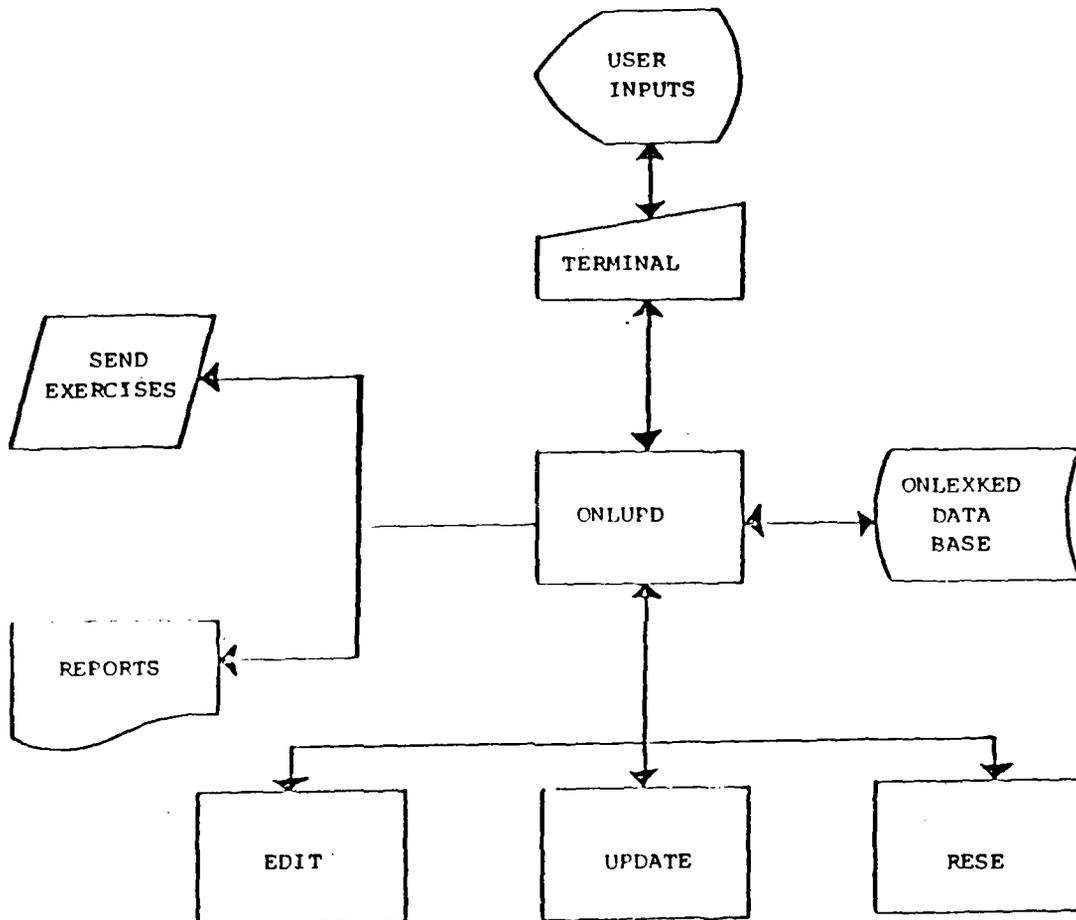
ONLEXKED INTERFACES

FIGURE 1.

A-1

```
                                          LINE NO. AS SHOWN IN TEXT
$5,TSS                                                     (A)
TERMINAL  ID                                               (B)
USERID$PASSWORD ?         (SITE DEPENDENT)                 (C)

IDENT?                    (SITE DEPENDENT)

CLASSIFICATION OF YOUR JOB ?        (ENTER PROPER CLASSIFICATION)

CLASSIFICATION OF FILE YOU CREATE?   (ENTER PROPER CLASSIFICATION)

STSTEM ?                                                   (D)
CARD old A01IDP00/ONLEXKED/JCL/ONLUPD,R      (TX)          (E)

READY                                                      (F)
*RUN   (TX)                                                (G)

SNUMB 2100T                                                (H)
*JSTS 2100T   (TX)                                         (I)

2100-T   EXECUTING                                         (J)
*JDAC 2100t    (TX)                                        (K)
```

FIGURE 2.(1 of 2)

2100T-01 Maximun Allowable Remote Input String Is 2048 Characters.   (L)
?? (NULL)   (M)

2100-t Please Set Longest Remote Ouptut Line Character Count   (N)
  Allowable Max. = 1268 Current = 880, New Value = ?   (NULL)   (O)

AS OF : 29 MARCH 1980   10:58:16   (P)

USERID : DJ8EI63201 :   SITE YOU ARE ON : REDCOM   (Q)

```
* * * * * * * * * * * * * * * * * *
*                                 *
*                                 *
*EXERCISE SCHEDULE UPDATE PROGRAM *
*                                 *
*                                 *
*                                 *
* * * * * * * * * * * * * * * * * *
```

EXERCISE LEVEL.

LOG - ON PROCEDURES (CONTINUED)

FIGURE 2 (2 of 2)

```
EXERCISE LEVEL.                                                            (A)
OLD, NEW, CPY, DEL, OR SEN, EXERCISE NAME, REP, LIST, HELP, OR END.
??
OLD (TX)                                                                   (B)

EXERCISE NAME                                                              (C)
??
NIFTY NUGET (TX)                                                           (D)
```

OLD COMMAND

Figure 3

```
EXERCISE LEVEL.
OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME, REP, LIST, HELP, OR END            (A)
??

NEW (TX)                                                                    (B)

EXERCISE NAME                                                               (C)
??

NEW EXERCISE 80 (TX)                                                        (D)
```

NEW COMMAND

Figure 4

```
EXERCISE LEVEL.
OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME, REP, LIST, HELP, OR END.          (A)
??
CPY,NEW EXERCISE 80 (TX)                                                   (B)

NEW EXERCISE                                                               (C)
??
NEW EXERCISE 81 (TX)                                                       (D)

CONTENTS OF EXERCISE          NEW EXERCISE 80                              (E)
WERE COPIED TO NEW EXERCISE   NEW EXERCISE 81

010 RECORDS WERE COPIED
MORE EXERCISES TO COPY (Y or N)                                            (F)
??
N (TX)                                                                     (G)
```

COPY COMMAND (EXERCISES)

Figure 5

```
EXERCISE LEVEL.                                                              (A)
OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME, REP, LIST, HELP, OR END.
??
DEL,NEW EXERCISE 81 (TX)                                                     (B)

DELETE EXERCISE:NEW EXERCISE 81                                              (C)
(Y OR N)
??
Y (TX)                                                                       (D)

DELETED EXERCISE: NEW EXERCISE 81                                            (E)
MORE EXERCISES TO BE DELETED (Y or N)                           .            (F)
??
N (TX)                                                                       (G)
```

DELETE COMMAND (EXERCISES)

FIGURE 6

```
EXERCISE LEVEL.                                                                (A)
OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME, REP, LIST, HELP, OR END.
??
SEN (TX)                                                                       (B)

EXERCISE NAME TO BE SENT                                                       (C)
??
NEW EXERCISE 80 (TX)                                                           (D)

MORE EXERCISES TO BE SENT (Y or N)                                             (E)
??
N (TX)                                                                         (F)
```

SEND COMMAND

Figure 7

```
EXERCISE LEVEL.                                                              (A)
OLD, NEW, CPY, DEL, OR SEN,EXERCISENAME, REP, LIST,, HELP, OR END.
??
REP  (TX)                                                                    (B)
WHICH REPORTS WOULD YOU LIKE TO PRODUCE?


SPECIFY TYPE(s) OF REPORT(s) DESIRED.                                         (C)
1=SIGNIFICANT EXERCISE.

2=JCS DIRECTED & COORDINATED EXERCISE
3=TRANSPORTATION REPORT.
??
1      (TX)                                                                  (D)
STARTING DATE (YYMMDD) OF SIGNIFICANT EXERCISES?                             (E)
??
820101                    (TX)                                               (F)
ENDING DATE (YYMMDD) OF SIGNIFICANT EXERCISES?                               (G)
??
838181                    (TX)                                               (H)


TRANSPORTATION PRINTED TO WHAT YEAR? (YY)                                    (I)
??
82                        (TX)                                               (J)


                          CINCS                                              (K)
XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,
                                        .


SPAWNING THE REPORT.......
SPAWNED REPORT 1204z
MORE REPORT? (Y OR N)
??
Y                              (TX)
```

<p align="center">REPORT COMMAND
FIGURE 8 (1 of 3)</p>

```
SPECIFY A TYPE OF REPORT
1=SIGNIFICANT EXERCISES.

2=JCS DIRECTED & COORDINATED EXERCISE
3=TRANSPORTATION REPORT.
??
2                               (TX)
STARTING DATE (YYMMDD) OF JCS DIRECTED AND COORDINATED EXERCISES?
??
821001                          (TX)
ENDING DATE (YYMMDD) OF JCS DIRECTED AND COORDINATED EXERCISES?
??
860930                          (TX)

                        CINCS
XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,

SPAWNING THE REPORT.....
SPAWNED REPORT 1204Z
MORE REPORT?   (Y OR N)
??
Y                       (TX)
```

                    REPORT COMMAND
                    FIGURE 8 (2 of 3)

```
SPECIFY TYPE(S) OF REPORT(S( DESIRED.
1=SIGNIFICANT EXERCISE.

2=JCS DIRECTED & COORDINATED EXERCISE
3=TRANSPORTATION REPORT
??
3?                          (TX)

STARTING FISCAL DATE (YYMMDD)
??
840930                      (TX)

ENDING FISCAL DATE (YYMMDD)
??
851001                      (TX)

                    CINCS
XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX,XXX
??

SPAWNING THE REPORT.....

SPAWNED REPORT 1238z
MORE REPORT ?  (Y OR N)
??
N                  (TX)
```

REPORT COMMAND
FIGURE 8 (3 of 3)

```
EXERCISE NAME=
T       INCLUSIVE     EMPLOYMENT    DATE
R       START  FINISH START  FINISH MASK
X,A001=YYMMDD YYMMDD YYMMDD YYMMDD X
A,A001=830211 830315 830316 830316                          (A)


        CINC SPONSOR-1           SPONSOR-2          SPONSOR-3
X,B001=XXX  XXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXX XXXXXXXXXXXX
A,B001=J    US REDCOM           MAC                -          (B)


        LENGTH TYPE NATURE PART  CRIT CNCL   CRIT APPL
X,B002=999     X   XXXXX  X.    XXXXXX      XXXXX
A,B002=        C                                            (C)


        EXERCISE LOCATION NO-1         LOCATION NO-2
X,C001=XXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX
A,C001=LOCATION NO. A                LOCATION NO. B          (D)
```

HEADER FORMAT DISPLAY

ADDING AND CHANING DATA

FIGURE 9

A-12

```
HEADER LEVEL.                                                           (A)
??
CPY  (TX)                                                               (B)

PARAGRAPH TO BE COPIED                                                  (C)
??
DESC (TX)                                                               (D)

EXERCISE NAME WHERE PARAGRAPH DESCRIPTION                               (E)
IS COPIED FROM.
??
NEW EXERCISE 80  (TX)                                                   (F)

COPIED PARAGRAPH  :DESCRIPTION                                          (G)
          FROM  :          NEW EXERCISE 80
          TO    :          NEW EXERCISE 81
MORE PARAGRAPHS TO BE COPIED  (Y OR N)                                  (H)
??
N (TX)                                                                  (I)
```

.

COPY COMMAND   (PARAGRAPHES)

FIGURE 10

```
HEADER LEVEL.                                              (A)
??
DEL  (TX)                                                  (B)

PARAGRAPH TO BE DELETED.                                   (C)
??
PUR  (TX)                                                  (D)

DELETE PARAGRAPH PURPOSE                                   (E)
OF EXERCISE            NEW EXERCISE 80
(Y OR N)                                                   (F)
??
Y   (TX)                                                   (G)

001  RECORD WERE DELETED

MORE PARAGRAPHS TO BE DELETED  (Y OR N)                    (H)
??                         .
N   (TX)                                                   (I)
```

DELETE COMMAND (PARAGRAPHS)

FIGURE 11

```
HEADER LEVEL                                                        (A)
??
PUR  (TX)                                                           (B)


EXERCISE  :NEW EXERCISE 80                                          (C)
    PURPOSE PARAGRAPH

THIS PARAGRAPH CONTAINS 000 LINES.

TR        PURPOSE DATA
X,999=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
A,999=THE PURPOSE OF THIS EXERCISE IS TO GIVE AN         /          (D)
A,999=EXAMPLE OF HOW TO ENTER DATA INTO THE ONLINE       /
A,999=EXERCISE SCHEDULE SYSTEM.                          /     (TX)
*,999=                                                   /
*,999=                                                   /
*,999=                                                   /
*,999=                                                   /
*,999=                                                   /
*,999=                                                   /
??
FILE UPDATED                                                        (□)
```

ADDING PARAGRAPH LINES

FIGURE 12

```
*,001=PURPOSE - LINE  1..................................../
*,002=PURPOSE - LINE  2..................................../
*,003=PURPOSE - LINE  3..................................../
*,004=PURPOSE - LINE  4..................................../
*,005=PURPOSE - LINE  5..................................../
*,006=PURPOSE - LINE  6..................................../
*,007=PURPOSE - LINE  7..................................../
*,008=PURPOSE - LINE  8..................................../
*,009=PURPOSE - LINE  9..................................../
*,010=PURPOSE - LINE  10..................................../
*,011=PURPOSE - LINE  11..................................../
*,012=PURPOSE - LINE  12..................................../
*,013=PURPOSE - LINE  13..................................../
*,014=PURPOSE - LINE  14..................................../

D 002-0005     (TX)
-?
(NULL)
```

DELETING PARAGRAPH LINES

FIGURE 13

```
??
L  (TX)
-?
(NULL)

*,001=PURPOSE - LINE 1...................................../
*,002=PURPOSE - LINE 6...................................../
*,003=PURPOSE - LINE 7 ...................................../
*,004=PURPOSE - LINE 8...................................../
*,005=PURPOSE - LINE 9...................................../
*,006=PURPOSE - LINE 10...................................../
*,007=PURPOSE - LINE 11...................................../
*,008=PURPOSE - LINE 12...................................../
*,009=PURPOSE - LINE 13...................................../
*,010=PURPOSE - LINE 14...................................../
```

RESULT OF DELETE LINES FUNCTION
FIGURE 14

```
C,001=CHANGE LINE 1                                              (A)
A,002=INSERT THIS LINE AFTER PURPOSE  - LINE 6........../        (B)
L (TX)
-?
(NULL)
```

CHANGING AND INSERTING PARAGRAPH LINES

FIGURE 15

```
*,001=CHANGE LINE 1
*,002=PURPOSE - LINE 6..................................../
*,003=INSERT THIS LINE AFTER PURPOSE - 6................./
*,004=PURPOSE - LINE 7..................................../
*,005=PURPOSE - LINE 8..................................../
*,006=PURPOSE - LINE 9..................................../
*,007=PURPOSE - LINE 10.................................../
*,008=PURPOSE - LINE 11.................................../
*,009=PURPOSE - LINE 12.................................../
*,010=PURPOSE - LINE 13.................................../
*,011=PURPOSE - LINE 14.................................../
??
```

RESULT OF CHANGE AND INSERTION
OF PARAGRAPH LINES

FIGURE 16

```
FUN    (TX)


EXERCISE :          NEW EXERCISE 80
TRANS PARAGRAPH.                                                              (A)

TRANS FIGURES AS: 9999.9

                  -REQUIREMENTS-
          TR      SL-7      BKBLK      RO-RO
          X,999=99999      99999      99999
SEALIFT   *,001=


          TR        C-5    C-130   C-140    COML
          X,999=99999     99999   99999    99999
AIRLIFT   *,002

??
```

FUND PARAGRAPH

FIGURE 17

FUN   (TX)

EXERCISE :   NEW EXERCISE 80   (A)
TRANS PARAGRAPH.

TRANS FIGURES ARE ENTERED AS 9999.9

```
                -REQUIREMENTS-
           TR        SL-7     BKBLK       RO-RO
           X,999=99999       99999       99999
SEALIFT    A,001=00052       00056                      (TX)                           (B)


           TR        C-5      C-130       C-140     COML
           X,999=99999       99999       99999     99999
AIRLIFT    *,002=                                            (TX)
```

??

TRANS PARAGRAPH
RESULT OF ADDING DATA
FIGURE 18

APPENDIX - B

PREFORMATTED DISPLAYS

```
LIST  (TX)


EXERCISE NAME=          NEW EXERCISE 80
T       INCLUSIVE      EMPLOYMENT     DATE
R       START  FINISH START  FINISH MASK
X,A001=YYMMDD YYMMDD YYMMDD YYMMDD X
*,A001=


       CINC SPONSOR-1              SPONSOR-2              SPONSOR-3
X,B001=XXX  XXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXX  XXXXXXXXXXXX
*,B001=


       LENGTH TYPE NATURE PART  CRIT CNCL   CRIT APPL
X,B002=999    X    XXXXX   X    XXXXXX      XXXXX
*,B002=


       EXERCISE LOCATION NO-1         LOCATION NO-2
X,C001=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXX
*,C001=
```

```
HEADER LEVEL.
??
PUR  (TX)

EXERCISE :NEW EXERCISE 80
    PURPOSE PARAGRAPH

THIS PARAGRAPH CONTAINS 014 LINES.

TR        PURPOSE DATA
X,999=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999............................................................................................................/
*,999...........................................................................................4
```

```
FOR   (TX)


EXERCISE   :NEW EXERCISE 80
      FORCES PARAGRAPH

THIS PARAGRAPH CONTAINS 000 LINES.

TR          FORCES DATA
X,999=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
*,999=....................................................../
??
```

REM   (TX)

EXERCISE   :NEW EXERCISE 80
     REMARKS PARAGRAPH

THIS PARAGRAPH CONTAINS 000 LINES.

TR   REMARKS DATA
X,999=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
??

DES   (TX)

EXERCISE :NEW EXERCISE 80
DESCRIPTION PARAGRAPH

THIS PARAGRAPH CONTAINS 000 LINES.

TR   DESCRIPTION DATA
X,999=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
??

SER (TX)

EXERCISE :NEW EXERCISE 80
     SERIES PARAGRAPH

THIS PARAGRAPH CONTAINS 000 LINES.

TR   SERIES DATA
X,999=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
*,999=   /
??

EXERCISE :   ABLE ARCHER 84 (CPX)
TRANS PARAGRAPH.

TRANS FIGURES ARE ENTERED AS 9999.9

                -REQUIREMENTS-
        TR   SL-7   BKBLK   RO-RO
        X,999= 99999   99999   99999
SEALIFT *,

        TR   C-5   C-130   C-141   COML
        X,999=99999   99999   99999   99999
AIRLIFT *,
??

APPENDIX - C

HELP COMMAND DISPLAYS

EXERCISE LEVEL.
OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME ; REP; LIST; HELP; OR END.


```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*             EXERCISE LEVEL USER RESPONSES                    *
*  OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME; REP; LIST; OR END. *
*          OLD -  RETRIEVES AN OLD EXERCISE.                   *
*          NEW -  BUILDS A NEW EXERCISE.                       *
*          CPY -  COPIES AN EXISTING EXERCISE.                 *
*          DEL -  DELETES AN EXERCISE.                         *
*          SEN -  SENDS AN EXERCISE TO JCS.                    *
*            , - COMMA REQUIRED.                               *
*  EXERCISE NAME - THE NAME OF THE EXERCISE.                   *
*          REP - SPAWNS REPORT JOB.                            *
*         LIST - LIST EXERCISES.                               *
*          END - TERMINATES SESSION.                           *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

HEADER LEVEL.
??
HELP   (TX)

```
      * * * * * * * * * * * * * * * * * * * * * * * * *
      *              HEADER LEVEL USER RESPONES          *
      *             END - TERMINATES SESSION.            *
      *            DONE - RETURNS TO EXERCISE LEVEL.     *
      *               L - LIST HEADER INFORMATION.       *
      *             DES - ENTERS DESCRIPTION PARAGRAPH   *
      *             PUR - ENTERS PURPOSE PARAGRAPH.      *
      *             FOR - ENTERS FORCES PARAGRAPH.       *
      *             REM - ENTERS REMARKS PARAGRAPH.      *
      *             SER - ENTERS SERIES PARAGRAPH.       *
      *             FUN - ENTERS FUNDS PARAGRAPH.        *
      *             CPY - COPYS A PARAGRAPH.             *
      *             DEL - DELETES A PARAGRAPH            *
      * TO ADD OR CHANGE LINES ON THE HEADER RECORDS ENTER: *
      * COL 1:        A - ADD THIS LINE.                 *
      *               C - CHANGE THIS LINE.              *
      * COL 2        ',' COMMA REQUIRED.                 *
      * COL 3         A - PARAGRAPH TYPE A.              *
      *               B - PARAGRAPH TYPE B.              *
```
WOULD YOU LIKE TO CONTINUE (Y OR N)
??   Y (TX)

```
*                    C - PARAGRAPH TYPE C.               *
* COL 4-6   001-002 - RECORD LINE NUMBER                 *
* COL 7            '=' EQUAL SIGN REQUIRED.              *
* COL 8-80         - DATA IN GIVEN FORMAT,              *
*                    THE CHARACTER '-' IN ANY           *
*                    FIELDS(s) DELETES THOSE FIELD(s).  *
*                    SPACES IN ANY OF THE FIELD(s)      *
*                    IGNORES THOSE FIELD(s)             *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

HEADER LEVEL.
??

APPENDIX - D

EXERCISE LIST DISPLAY

```
EXERCISE LEVEL.
OLD, NEW, CPY, DEL, OR SEN,EXERCISE NAME; REP; LIST; HELP; OR END.
??
LIST   (TX)


        * * * * * * * * * * * * * * * * * * * * * * * * * *
        *EXERCISE                         ORIG        TIMES        *
        *NAME                             CINC   SENT    UPDATED   *
        * NEW EXERCISE 80                  7                0002102115*
        * NEW EXERCISE 81                  7                0002102115*
        * NIFTY NUGGET                     7                0002102115*
```

HEADER AND DATA ELEMENT DESCRIPTION
APPENDIX E

```
EXERCISE NAME=
T       INCLUSIVE       EMPLOYMENT      DATE
R       START   FINISH  START   FINISH  MASK
X,A001=YYMMDD YYMMDD YYMMDD YYMMDD X
*,A001=

        CINC SPONSOR-1              SPONSOR-2              SPONSOR-3
X,B001=XXX  XXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXX  XXXXXXXXXXX
*,B001=

        LENGTH TYPE NATURE PART  CRIT CNCL   CRIT APPL
X,B002=999     X    XXXXXX   X     XXXXXX       XXXXXX
*,B002=

        EXERCISE LOCATION NO-1              LOCATION NO-2
X,C001=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXX
*,C001=
```

HEADER FORMAT DISPLAY

HEADER FIELD DESCRIPTION

ITEM DONE	FIELD DESCRIPTION	SIZE	RANGE OF VALUE
START-INCLUSIVE	Starting Inclusive Date of the exercise	6	Any mumeric character in YYMMDD Format ** Mandatory Entry
END-INCLUSIVE	Terminating Inclusive date of exercise	6	Any numeric characters in YYMMDD format ** Mandatory entry
START-EMPLOYMENT	Starting employment Date of the exercise	6	Any numeric characters in YYMMDD Format or Spaces **
END-EMPLOYMENT	Terminating employment date of exercise	6	Any numeric characters in YYMMDD Format or Spaces **
DATE-MASK	Not implemented	1	Any character
CINC	Command code for the inputter of the exercise	3	Valid Command Code defined in the CINC-TABLE **
SPONSOR-1	Name of the sponsor of the exercise	18	Alphanumeric characters (Free Format) or Spaces **
SPONSOR-2	Name of the sponsor of the exercise	18	Alphanumeric characters (FREE FORMAT) or Spaces **
SPONSOR-3	Name of the sponsor of the exercise	18	Alphanumeric characters (FREE FORMAT) or Spaces **

** "-" followed by spaces will delete the value from these fields

HEADER FIELD DESCRIPTION

ITEM DONE	FIELD DESCRIPTION	SIZE	RANGE OF VALUE
LENGTH	Duration of the exercise in days	3	Any numeric values or spaces **
Type	Type of exercise: Coordinated exercise or Directed exercise	1	C = Coordinated D = Directed N = Neither Mandatory entry
NATURE	Nature of the exercise	6	Alphanumeric characters (FREE FORMAT) or SPACES **
PART	PART	1	1=Part I of significant 2=Part II of significat 3=Service related exercise only Mandatory entry
PRES-CNCL	Presidential cancellation date	6	Any numeric characters in YYMMDD format. Only used in conjunction with "1" or "2" in Part field **
CRIT-APP-DATE	Critical approval date	6	Any numeric characters in YYMMDD Format. Only used in conjunction with "1" or "2" in Part field **
EXERCISE LOCATION NO 1	Location of the exercise	18	Alphanumeric field (Free Format) **
LOCATION NO 2	Location of the exercise	18	Alphanumeric field (Free Format) **

** "-" followed by spaces will delete the value from these fields

CINC TABLE
APPENDIX F

VALID CINC TABLE

USCINCLANT	2
NORAD	3N
USCINCEUR	4
CINCUSAFE	4F
CINCUSNAVEUR	4N
COMTHIRDFLT	4N3
COMSIXTHFLT	4N6
USCINCPAC	5
WESTCOM	5A
USASCH	5AS
CINCUNC	5CK
CINCPACAF	5F
COMUSKOREA	5K
COMSEVEPTHFLT	5N7
CINCCFC	5T
USCINCSO	6
USCINCRED	7
SAC	8
U S ARMY	A
AFCENT	AT
CINCHAN	C
CHOD DENMARK	CHD
CHOD NORAY	CHN
SEC DEF	D
DCA EUROPE	DK2
SACEUR	E
U S AIR FORCE	F
MILITARY TRAFFIC MGMT	H
MILITARY SEALIFT CMD	I
JCS	J
JOINT EX. CONTROL GP	JEC
MILITARY AIRLIFT CMD	K
SACLANT	L
U S MARINE CORPS	M
US NAVY	N
US COAST GUARD	P
FBI	QD

CIA	QX
AUSTRALIA	SAS
CANADA	SCA
GERMANY, FED. REPUBLIC OF	SGE
KOREA, REPLUBLIC OF	SKS
PHILIPPINES	SRP
UNITED KINGDOM	SUK
UNITED STATES	SUS
UNKNOWN AT THIS	UUU
WHITE HOUSE	W
NAT'L MILITARY CMD CENTER	X
NAT'L EMERG ABN CMD POST	XAB
ALTERNATE NMC	XAC
NORTH ATLANTIC TREATY ORGN	Y
CINCSOUTH	Y01
CINCNORTH	Y02
CONDECA	Y03
SEATO	Y04
CENTO	Y05
COMANZUKNAU	Y06
CINCENT	Y07
COMNAUSOUTH	Y08
COMIBERLANT	Y09
COMSONOR	Y10
CDR ALLIED FOR, N. NORWAY	Y11
USCENTCOM	CEN
DNA	DH
ADCOM	9

DATA BASE UPDATE REPORT
APPENDIX G

PRODUCING THE FIVE -YEAR DATA BASE UPDATE REPORT

Using CARDIN, bring the following JCL string into AFT File A01IDP00/ONLEXKED/JCL/PRNT. Check $IDENT TO INSURE IT CONFORMS TO your requirements, change if necessary, then execute JCL.

The report generated will provide a listing of all exercises that were either added, changed or deleted. It should be noted that one of the above actions has to take place in order for the exercise to be included in the report.

The report will print in the format described on page G-2.

AS OF JANUARY 18, 1982

		DATES	
EXERCISE	ADDED	UPDATED	DELETED
ABLE ARCHER 80 (CPX		01 15 82	
ABLE ARCHER 81 (CPX)	10 29 83	10 29 81	10 29 84
ALOUD ALPHA 85		09 30 85	
AMALGAM CHIEF 85-2		10 01 85	

DATE FILMED

0=8