```
CCCCCCCCCCCC  LLL                 DDDDDDDDDDDD
CCCCCCCCCCCC  LLL                 DDDDDDDDDDDD
CCCCCCCCCCCC  LLL                 DDDDDDDDDDDD
CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
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CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
CCC           LLL                 DDD        DDD
CCCCCCCCCCCC  LLLLLLLLLLLLLLLL    DDDDDDDDDDDD
CCCCCCCCCCC   LLLLLLLLLLLLLLLL    DDDDDDDDDDDD
 CCCCCCCCCCC  LLLLLLLLLLLLLLLL    D. DDDDDDDDD
```

```
BBBBBBBB      AAAAAA     CCCCCCCC  KK      KK  UU      UU  PPPPPPPP
BBBBBBBB      AAAAAA     CCCCCCCC  KK      KK  UU      UU  PPPPPPPP
BB      BB   AA    AA   CC         KK     KK   UU      UU  PP      PP
BB      BB   AA    AA   CC         KK    KK    UU      UU  PP      PP
BB      BB   AA    AA   CC         KK   KK     UU      UU  PP      PP
BB      BB   AA    AA   CC         KK  KK      UU      UU  PP      PP
BBBBBBBB     AA    AA   CC         KKKKK       UU      UU  PPPPPPPP
BBBBBBBB     AA    AA   CC         KKKKK       UU      UU  PPPPPPPP
BB      BB   AAAAAAAAAA CC         KK  KK      UU      UU  PP
BB      BB   AAAAAAAAAA CC         KK   KK     UU      UU  PP
BB      BB   AA    AA   CC         KK    KK    UU      UU  PP
BB      BB   AA    AA   CC         KK     KK   UU      UU  PP           ....
BBBBBBBB     AA    AA   CCCCCCCC   KK      KK  UUUUUUUUUU  PP           ....
BBBBBBBB     AA    AA   CCCCCCCC   KK      KK  UUUUUUUUUU  PP           ....
                                                                      ....

   CCCCCCCC  LL          DDDDDDDD
   CCCCCCCC  LL          DDDDDDDD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
CC           LL          DD      DD
   CCCCCCCC  LLLLLLLLLL  DDDDDDDD
   CCCCCCCC  LLLLLLLLLL  DDDDDDDD
```

```
module BACKUPCMD

  Version:       'V04-000'

        V03-005 LY0515          Larry Yetto          24-JUL-1984 11:08
                Do not allow both /RECORD and /DELETE on the same line

        V03-004 JEP0004         J. Eric Pollack,     21-Aug-1983
                Revise /ENCRYPT syntax

        V03-003 JEP0003         J. Eric Pollack,     23-Apr-1983  10:53
                Add support for encrypted savesets.

        V03-002 MLJ0108         Martin L. Jack       13-Apr-1983
                Remove $DATETIME from BEFORE and SINCE.

        V03-001 ACG0314         Andrew C. Goldstein  10-Feb-1983  22:24
                Make /NOREWIND and /NOINITIALIZE default for save sets

define type encryp_val
    keyword NAME                value(type=$outlog)
    keyword ALGORITHM           value(type=$outlog,default="DESCBC")
    keyword VALUE               value(list)
define syntax BACKUP_LIST
    parameter P1
        label=INPUTS
        prompt="From"
        value(list,type=$infile)
    parameter P2
        label=OUTPUTS
        prompt="To"
        value(list,type=$outfile)
define verb BACKUP
    parameter P1
        label=INPUTS
        prompt="From"
        value(required,list,type=$infile)
    parameter P2
        label=OUTPUTS
        prompt="To"
        value(required,list,type=$outfile)
    qualifier ANALYZE
    qualifier BACKUP
    qualifier BEFORE
        value(required)
    qualifier BLOCK_SIZE
        value(required)
    qualifier BRIEF
    qualifier BUFFER_COUNT
        value(required)
    qualifier COMMENT
        value(required)
    qualifier COMPARE
    qualifier CONFIRM
    qualifier CRC
        default
```

```
    qualifier CREATED
    qualifier DELETE
    qualifier DENSITY
        value(required)
    qualifier ENCRYPT
        value(list,type=encryp_val)
        disallow ENCRYPT.NAME and ENCRYPT.VALUE
    qualifier EXCLUDE
        value(required,list,type=$infile)
    qualifier EXPIRED
    qualifier FAST
    qualifier FULL
    qualifier GROUP_SIZE
        value(required)
    qualifier IGNORE
        value(required,list,type=$infile)
    qualifier IMAGE
    qualifier INCREMENTAL
    qualifier INITIALIZE
    qualifier INTERCHANGE
    qualifier JOURNAL
        value(type=$outfile)
    qualifier LABEL
        value(required,list)
    qualifier LIST
        value
        syntax=BACKUP_LIST
    qualifier LOG
    qualifier MODIFIED
    qualifier NEW_VERSION
    qualifier OVERLAY
    qualifier OWNER_UIC
        placement=local
        value(type=$uic)
    qualifier PHYSICAL
    qualifier PROTECTION
        placement=positional
        value(list)
    qualifier RECORD
    qualifier REPLACE
    qualifier REWIND
    qualifier SAVE_SET
        placement=local
    qualifier SELECT
        value(required,list,type=$infile)
    qualifier SINCE
        value(required)
    qualifier TRUNCATE
    qualifier VERIFY
    qualifier VOLUME
        value(required)
    disallow  DELETE and RECORD
```

BACKUP
CLD

DCLTABLES
CLD

DISMOUNT
CLD

ENCRYPT
CLD

REPLY
CLD

CLD

CREATE
CLD

MCRINT
CLD

SET
CLD

DCLTABLES
MAP

DEF
CLD

DMO
CLD

LIBRARIAN
CLD

PASCAL
CLD

RUN
CLD

ACC
CLD

BAD
CLD

DCLINT
CLD

DELETE
CLD

DUMP
CLD

EXCHANGE
CLD

MCRTABLES
CLD

PATCH
CLD

CHECKSUM
CLD

ANALYZE
CLD

EDIT
CLD

FORTRAN
CLD

LINK
CLD

MESSAGE
CLD

PHONE
CLD

CLISYM1
CLD

MCRSET
CLD

RUNOFF
CLD

PSECTS
R32

DIFF
CLD

MONITOR
CLD

RECOVER
CLD

MCRTABLES
MAP

CONVERT
CLD

HELP
CLD

MACRO
CLD

DIRECTORY
CLD

SDL
CLD

JNLUSR
MAR

COPY
CLD

EDT
CLD

INIT
CLD

MOUNT
CLD

RENAME
CLD

MAIL
CLD

SEARCH
CLD