

CCCCCCCCCCCC	LLL	DDDDDDDDDD	
CCCCCCCCCCCC	LLL	DDDDDDDDDD	
CCCCCCCCCCCC	LLL	DDDDDDDDDD	
CCC	LLL	DDD	DDD
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
CCC	LLL	DDD	DDD
CCCCCCCCCCCC	LLLLLLLLLLLLLLLL	DDDDDDDDDD	
CCCCCCCCCCCC	LLLLLLLLLLLLLLLL	DDDDDDDDDD	
CCCCCCCCCCCC	LLLLLLLLLLLLLLLL	DDDDDDDDDD	

```

RRRRRRR  EEEEEEEEE  CCCCCCCC  000000  VV      VV  EEEEEEEEE  RRRRRRR
RRRRRRR  EEEEEEEEE  CCCCCCCC  000000  VV      VV  EEEEEEEEE  RRRRRRR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RRRRRRR  EEEEEEEEE  CCCCCCCC  00      00  FF      FF  RRRRRRR
RRRRRRR  EEEEEEEEE  CCCCCCCC  00      00  FF      FF  RRRRRRR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RR      RR  FF      CC      00      00  FF      FF  RR      RR
RR      RR  EEEEEEEEE  CCCCCCCC  000000  VV      VV  EEEEEEEEE  RR      RR
RR      RR  EEEEEEEEE  CCCCCCCC  000000  VV      VV  EEEEEEEEE  RR      RR

```

```

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  LLLLLLLLL  DDDDDDDD
CCCCCCCC  LLLLLLLLL  DDDDDDDD

```



module recovercmd

Version: 'V04-000'

```

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```

Facility: RECOVR

Abstract:

This module contains The command language definitions which the command language interpreter uses to parse the command line for the DCL RECOVER command

Author:

Modified by:

- V03-005 DAS0001 David Solomon 16-Jun-1983  
Update to reflect implementation of RMS recovery (simplification of RODBAs). Remove /NEW VERSION, /OUTPUT. Specify REQUIRED keyword values for qualifiers that take them. Replace /UNTIL with /TIME. Use SYNTAX and TYPE features to allow syntax checking at DCL parse time, instead of at run-time.
- V03-004 LY0340 Larry Yetto 29-MAR-1983 14:54:51  
Replace source into [CLD.SRC] It seems that we have two copies of this CLD in different places
- V03-003 PRB0143 Paul Beck 25-MAR-1983  
Replace /PROCESS qualifier with /SESSID.
- V03-002 LY0289 Larry Yetto 03-Feb-1983  
Replace source

!--

```
define type file_keywords
  keyword create

define type time_keywords
  keyword first      value(type=$datetime,required)
  keyword last       value(type=$datetime,required)

define syntax recover_volume
  parameter p1,      prompt='Device',value(list,required,
                    type=$device),label=input
  parameter p2,      prompt='Label',value,label=label

define syntax recover_ru
  parameter p1,      prompt='Recovery unit id',value(list,required),
                    label=input

define verb recover
  image recover
  parameter p1,      prompt='file',value(list,required),label=input
  qualifier file,    nonnegatable,default,
                    value(list,type=file_keywords)
  qualifier volume   nonnegatable,syntax=recover_volume
  qualifier recovery_unit nonnegatable,syntax=recover_ru
  qualifier session_id value
  qualifier active    value(default='NONE')
  qualifier journal   value(list,required)
  qualifier backward
  qualifier forward
  qualifier log
  qualifier time      value(list,required,type=time_keywords)

  disallow           any2( forward, backward )
  disallow           any2( file, volume, recovery_unit )
```



BACKUP CLD	DCLTABLES CLD	DISMOUNT CLD	ENCRYPT CLD	LIBRARIAN CLD	REPLY CLD
CLD	CREATE CLD	DMO CLD	MCRINT CLD	SET CLD	SET CLD
DCLTABLES MAP	DEF CLD	EXCHANGE CLD	PASCAL CLD	RUN CLD	RUN CLD
ACC CLD	BAD CLD	DCLINT CLD	DELETE CLD	DUMP CLD	EXCHANGE CLD
ANALYZE CLD	CHECKSUM CLD	EDIT CLD	FORTRAN CLD	LINK CLD	MESSAGE CLD
CLISYMI CLD	DIFF CLD	HELP CLD	MACRO CLD	MONITOR CLD	RECOVER CLD
CONVERT CLD	DIRECTORY CLD	INIT CLD	MOUNT CLD	RENAME CLD	SEARCH CLD
DIRECTORY CLD	EDIT CLD	MAIL CLD	SEARCH CLD	SEARCH CLD	SEARCH CLD
PSECTS R32	MCRTABLES MAP	MONITOR CLD	RECOVER CLD	RECOVER CLD	RECOVER CLD
UNLUSR MAR	COPY CLD	RENAME CLD	SEARCH CLD	SEARCH CLD	SEARCH CLD