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RRRRRRR      LL      DDDDDDD      IIIII      SSSSSSS      KK      KK
RRRRRRR      LL      DDDDDDD      IIIII      SSSSSSS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RRRRRRR      LL      DD      DD      II      SSSSS      KKKKK
RRRRRRR      LL      DD      DD      II      SSSSS      KKKKK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LL      DD      DD      II      SS      KK      KK
RR      RR      LLLLLLLLLL DDDDDDD      IIIII      SSSSSSS      KK      KK
RR      RR      LLLLLLLLLL DDDDDDD      IIIII      SSSSSSS      KK      KK

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LL      IIIII      SSSSSSS
LL      IIIII      SSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSS
LL      II      SSSSS
LL      II      SS
LL      II      SS
LL      II      SS
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LLLLLLLLLL IIIII      SSSSSSS
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SUBROUTINE RLDISK (LUN)

```
C  
C Version:      'V04-000'  
C  
C*****  
C*  
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C*  
C*****  
C  
C  
C      AUTHOR: BRIAN PORTER          CREATION DATE:5-FEB-1979  
C  
C++  
C      Functional description:  
C  
C      This module displays entries made for the rl11 controller.  
C  
C      Modified by:  
C  
C      V03-004 SAR0232      Sharon A. Reynolds,      28-Mar-1984  
C      Changed the call to UCBSL_OWNUIC to ORBSL_OWNER.  
C  
C      V03-003 SAR0093      Sharon A. Reynolds,      20-Jun-1983  
C      Changed the carriage control in the 'format' statements  
C      for use with ERF.  
C  
C      V03-002 SAR0050      Sharon A. Reynolds,      13-Jun-1983  
C      Removed brief/cryptic support.  
C  
C      v03-001 BP0001      Brian Porter,          20-AUG-1982  
C      Corrected device attention.  
C**  
C--  
C      INCLUDE 'SRC$:MSGHDR.FOR /NOLIST'  
C      INCLUDE 'SRC$:DEVERR.FOR /NOLIST'  
C  
C      INTEGER*4      RLCS  
C      INTEGER*4      RLBA
```

RL
CO
CO

```

0216 INTEGER*4 RLDA
0217 INTEGER*4 RLMP
0218 INTEGER*4 UBA_REGS(4)
0219 INTEGER*4 FIECD
0220 INTEGER*4 FIELD1
0221 INTEGER*4 FIELD2
0222 INTEGER*4 COMPRESS4
0223 INTEGER*4 COMPRESSC
0224
0225 BYTE DRIVE_FUNC
0226 BYTE LUN
0227
0228 EQUIVALENCE (RLCS,EMBSL_DV_REGSAV(0))
0229 EQUIVALENCE (RLBA,EMBSL_DV_REGSAV(1))
0230 EQUIVALENCE (RLDA,EMBSL_DV_REGSAV(2))
0231 EQUIVALENCE (RLMP,EMBSL_DV_REGSAV(3))
0232 EQUIVALENCE (UBA_REGS,EMBSL_DV_REGSAV(4))
0233
0234 PARAMETER NO_OPERATION = 0
0235 PARAMETER XFER_ERR = 1
0236 PARAMETER WRITE_CHECK = 1
0237 PARAMETER GET_STATUS = 2
0238 PARAMETER SEER = 3
0239 PARAMETER READ_HEADER = 4
0240 PARAMETER WRITE_DATA = 5
0241 PARAMETER READ_DATA = 6
0242 PARAMETER TIMEOUT = 96
0243
0244 CHARACTER*12 V1RL_CS(0:0)
0245 DATA V1RL_CS(0) /'DRIVE READY*'/
0246
0247 CHARACTER*17 V2RL_CS(6:7)
0248 DATA V2RL_CS(6) /'INTERRUPT ENABLE*'/
0249 DATA V2RL_CS(7) /'CONTROLLER READY*'/
0250
0251 CHARACTER*21 V3RL_CS(10:10)
0252 DATA V3RL_CS(10) /'OPERATION INCOMPLETE*'/
0253
0254 CHARACTER*20 V4RL_CS(13:15)
0255 DATA V4RL_CS(13) /'NON-EXISTENT MEMORY*'/
0256 DATA V4RL_CS(14) /'DRIVE ERROR*'/
0257 DATA V4RL_CS(15) /'COMPOSITE ERROR*'/
0258
0259 CHARACTER*17 DCRC_HCRC(0:1)
0260 DATA DCRC_HCRC(0) /'DATA CRC ERROR*'/
0261 DATA DCRC_HCRC(1) /'HEADER CRC ERROR*'/
0262
0263 CHARACTER*22 DLT_HNF(0:1)
0264 DATA DLT_HNF(0) /'DATA LATE ERROR*'/
0265 DATA DLT_HNF(1) /'HEADER NOT FOUND*'/
0266
0267 CHARACTER*6 V1RL_DA(3:3)
0268 DATA V1RL_DA(3) /'RESET*'/
0269
0270 CHARACTER*7 DIRECTION(0:1)
0271 DATA DIRECTION(0) /'REVERSE*'/
0272 DATA DIRECTION(1) /'FORWARD*'/

```


3-00000062	I*4	UBA_REGS	16	(4)
2-00000000	CHAR	V1RL_CS	12	(1:0)
2-000000CD	CHAR	V1RL_DA	6	(,:3)
2-000001DC	CHAR	V1RL_STATUS	120	(0:7)
2-0000000C	CHAR	V2RL_CS	34	(6:7)
2-00000115	CHAR	V2RL_STATUS	39	(3:5)
2-0000002E	CHAR	V3RL_CS	21	(10:10)
2-0000013C	CHAR	V3RL_STATUS	152	(8:15)
2-00000043	CHAR	V4RL_CS	60	(13:15)

LABELS

Address	Label	Address	Label	Address	Label	Address	Label	Address	Label	Address	Label
1-0000004D	100'	1-0000005F	125'	1-00000078	130'	**	140	1-0000009F	150'	1-000000BD	160'
1-000000C9	170'	1-000000E2	180'	1-000000EE	250'	1-000000FF	275'	1-00000110	280'	1-00000118	285'
1-00000120	290'	1-00000128	295'	1-0000014F	300'	1-00000157	305'	1-00000171	310'	1-00000179	315'
1-00000195	605'	1-000001BB	615'	1-000001C7	620'	1-000001CF	625'	1-000001E2	630'		

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name	Type	Name	Type	Name
	CALC_MAP		CALC_MAP2	I*4	COMPRESS4	I*4	COMPRESSC		DHEAD1
	IRP\$C_PID		IRP\$Q_IOSB		IRP\$W_BCNT		IRP\$W_BOFF	I*4	LIB\$EXTZV
	LINCHR		ORB\$L_OWNER		OUTPUT		RLDISK_QIO		UBA_DATAPATH
	UCB\$B_ERTCNT		UCB\$B_ERTMAX		UCB\$L_CHAR		UCB\$L_MEDIA		UCB\$L_OPCNT
	UCB\$W_STS								FRCTOF
									LIB\$INDEX
									UBA_MAPPING
									UCB\$W_ERRCNT

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RLDISK_Q10

H 13
16-Sep-1984 00:13:50
5-Sep-1984 14:21:35

VAX-11 FORTRAN V3.4-56
DISK\$VMSMASTER:[ERF.SRC]RLDISK.FOR;1

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COMMAND QUALIFIERS

FORTRAN /LIS=LIS\$:RLDISK/OBJ=OBJ\$:RLDISK MSRC\$:RLDISK

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)

/DEBUG=(NOSYMBOLS,TRACEBACK)

/STANDARD=(NOSYNTAX,NOSOURCE_FORM)

/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)

/F77 /NOG_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD_LINES /NOCROSS_REFERENCE /NOMACHINE_CODE /CONTINUATIONS=19

COMPILATION STATISTICS

Run Time: 9.03 seconds
Elapsed Time: 19.09 seconds
Page Faults: 248
Dynamic Memory: 228 pages

ROI

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061

PRO

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VAI

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A

This image displays a grid of 150 terminal windows, arranged in 10 rows and 15 columns. Each window shows a different system utility or report, with titles such as:

- RECELECT LIS
- RLDISK LIS
- PUDRIVER LIS
- PCL11T LIS
- ROLLUP LIS
- RXDISK LIS
- PCL11R LIS
- SB11 LIS
- RKDISK LIS

The windows contain various data, including lists of files, system parameters, and graphical representations of data. The text is rendered in a monospaced font, typical of early computer terminals.