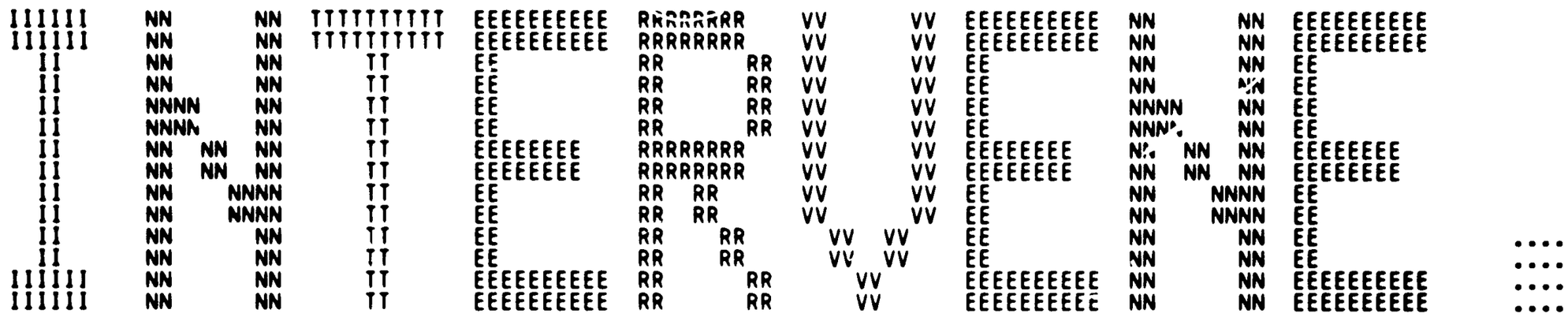
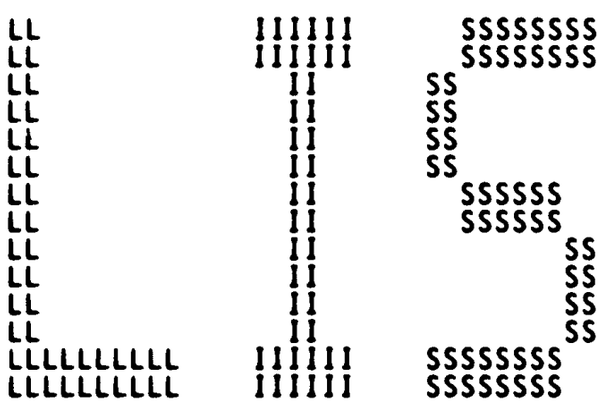
```
EEEEEEEEEEEEEEE  RRRRRRRRRRRR     FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR     FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR     FFFFFFFFFFFFFFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
```


IIIIII NN NN TTTTTTTTTT EEEEEEEEEE RRRRRRRR VV VV EEEEEEEEEE NN NN EEEEEEEEEE
IIIIII NN NN TTTTTTTTTT EEEEEEEEEE RRRRRRRR VV VV EEEEEEEEEE NN NN EEEEEEEEEE
II NN NN TT EE RR RR VV VV EE NN NN EE
II NN NN TT EE RR RR VV VV EE NN NN EE
II NNNN NN TT EE RR RR VV VV EE NNNN NN EE
II NNNN NN TT EE RR RR VV VV EE NNNN NN EE
II NN NN NN TT EEEEEEEE RRRRRRRR VV VV EEEEEEEE NN NN NN EEEEEEEE
II NN NN NN TT EEEEEEEE RRRRRRRR VV VV EEEEEEEE NN NN NN EEEEEEEE
II NN NNNN TT EE RR RR VV VV EE NN NNNN EE
II NN NNNN TT EE RR RR VV VV EE NN NNNN EE
II NN NN TT EE RR RR VV VV EE NN NN EE
II NN NN TT EE RR RR VV VV EE NN NN EE
IIIIII NN NN TT EEEEEEEEEE RR RR VV EEEEEEEEEE NN NN EEEEEEEEEE
IIIIII NN NN TT EEEEEEEEEE RR RR VV EEEEEEEEEE NN NN EEEEEEEEEE


LL IIIIII SSSSSSS
LL IIIIII SSSSSSS
LL II SS
LL II SS
LL II SS
LL II SS
LL II SSSSS
LL II SSSSS
LL II SS
LL II SS
LL II SS
LL II SS
LLLLLLLLLL IIIIII SSSSSSS
LLLLLLLLLL IIIIII SSSSSSS

```
0001     c
0002     c Version:      'V04-000'
0003     c
0004     c*****************************************************************************
0005     c*                                                                           *
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0022     c*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                  *
0023     c*                                                                           *
0024     c*                                                                           *
0025     c*****************************************************************************
0026     c
0027     c
0028     c
0029     c       Author  Brian Porter            Creation date   22-JUL-1983
0030     c
0031
0032     c++
0033     c       Functional description:
0034     c
0035     c
0036     c       Modified by:
0037     C
0038     C       V03-002 SAR0168         Sharon A. Reynolds      1-Nov-1983
0039     C               Fixed a problem with negative numbers being output
0040     C               in the intervening record message.
0041     C
0042     C       V03-001 SAR0135         Sharon A. Reynolds      9-Sep-1983
0043     C               Changed carriage control so that this routine can
0044     C               be used for ERF.
0045     C
0046     c--
0047     c--
0048
0049             Subroutine INTERVENE_INCREMENT (lun)
0050
0051
0052             implicit                none
0053
0054             byte            lun
0055
0056             integer*4       intervening_records
0057             integer*4       lib$extzv
```

```
0058              integer*4       compress4
0059              integer*4       repeat_count
0060
0061
0062              Intervening_records = intervening_records + 1
0063
0064              Return
0065
0066
0067
0068              Entry INTERVENE_OUTPUT (lun)
0069
0070
0071      5       if (intervening_records .GT. 0) then
0072
0073              call linchk (lun,3)
0074
0075              write(lun,10) ('*',repeat_count = 1,72)
0076      10      format(' ',72a1)
0077
0078              write(lun,15) intervening_records
0079      15      format(/' ',t8,i<compress4 (intervening_records)>,
0080             1 '. INTERVENING RECORD(S) WILL BE PRINTED AT INPUT FILE ''<EOF>''')
0081
0082              intervening_records = 0
0083              endif
0084
0085              Return
0086
0087
0088
0089              Entry INTERVENE_DECREMENT (lun)
0090
0091
0092              intervening_records = intervening_records - 1
0093
0094              goto 5
0095
0096              end
```

PROGRAM SECTIONS

	Name	Bytes	Attributes
0	$CODE	150	PIC CON REL LCL SHR EXE RD NOWRT LONG
1	$PDATA	89	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2	$LOCAL	40	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
	Total Space Allocated	279	

ENTRY POINTS

Address	Type	Name	Address	Type	Name
0-0000007B		INTERVENE_DECREMENT	0-00000000		INTERVENE_INCREMENT
0-0000000C		INTERVENE_OUTPUT			

VARIABLES

Address	Type	Name	Address	Type	Name
2-00000000	I*4	INTERVENING_RECORDS	2-00000004	I*4	LIB$EXTZV
AP-0000004@	L*1	LUN	2-00000008	I*4	REPEAT_COUNT

LABELS

Address	Label	Address	Label	Address	Label
0-00000015	5	1-00000005	10'	1-0000000D	15'

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name
I*4	COMPRESS4		LINCHK

COMMAND QUALIFIERS

```
  FORTRAN /LIS=LIS$:INTERVENE/OBJ=OBJ$:INTERVENE MSRC$:INTERVENE

  /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:	1.08 seconds
Elapsed Time:	4.23 seconds
Page Faults:	104
Dynamic Memory:	169 pages

GETCODE.LIS

INITPROC1.LIS

INITREAL.LIS

EXECIMAGE.LIS

ERFSUMM.LIS

INITBUS.LIS

INITPROC4.LIS

KMS3271.LIS

ERFTAPEVE.LIS

HEADER.LIS

FILES.LIS

ERLLOGSYS.LIS

INITPROC2.LIS

INIT_TAPE.LIS

ERLLOGMSG.LIS

INITDISK.LIS

INITPROC5.LIS

IMAGELOAD.LIS

INITPROC3.LIS

INTERVENE.LIS

ERFRTVEC.LIS

ERFSUMVEC.LIS