

IIIIII	NN	NN	TTTTTTTT	EEEEEEEE	RRRRRRRR	VV	VV	EEEEEEEE	NN	NN	EEEEEEEE	
IIIIII	NN	NN	TTTTTTTT	EEEEEEEE	RRRRRRRR	VV	VV	EEEEEEEE	NN	NN	EEEEEEEE	
II	NN	NN	TT	EE	RR	RR	VV	EE	NN	NN	EE	
II	NN	NN	TT	EE	RR	RR	VV	EE	NN	NN	EE	
II	NNNN	NN	TT	EE	RR	RR	VV	EE	NNNN	NN	EE	
II	NNNN	NN	TT	EE	RR	RR	VV	EE	NNNN	NN	EE	
II	NN	NN	TT	EEEEEEEE	RRRRRRRR	VV	VV	EEEEEEEE	NN	NN	EEEEEEEE	
II	NN	NN	TT	EEEEEEEE	RRRRRRRR	VV	VV	EEEEEEEE	NN	NN	EEEEEEEE	
II	NN	NN	TT	EE	RR	RR	VV	EE	NN	NN	EE	
II	NN	NNNN	TT	EE	RR	RR	VV	EE	NN	NNNN	EE	
II	NN	NN	TT	EE	RR	RR	VV	EE	NN	NN	EE	
II	NN	NN	TT	EE	RR	RR	VV	EE	NN	NN	EE	
II	NN	NN	TT	EE	RR	RR	VV	EE	NN	NN	EE	
IIIIII	NN	NN	TT	EEEEEEEE	RR	RR	VV	EEEEEEEE	NN	NN	EEEEEEEE
IIIIII	NN	NN	TT	EEEEEEEE	RR	RR	VV	EEEEEEEE	NN	NN	EEEEEEEE

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLL	IIIIII	SSSSSSSS


```
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0002 C Version: 'V04-000'
0003 C
0004 C*****
0005 C*
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0023 C*
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0025 C*****
0026 C
0027 C
0028 C
0029 C Author Brian Porter Creation date 22-JUL-1983
0030 C
0031 C
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 C
0049 C Subroutine INTERVENE_INCREMENT (lun)
0050 C
0051 C
0052 C implicit none
0053 C
0054 C byte lun
0055 C
0056 C integer*4 intervening_records
0057 C integer*4 lib$extzv
```

INTERVENE_INCREMENT

N 14
16-Sep-1984 00:04:51
5-Sep-1984 13:59:25VAX-11 FORTRAN V3.4-56
DISK\$VMSMASTER:[ERF.SRC]INTERVENE.FOR;1

Page 2

```
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          10      write(lun,10) ('*',repeat_count = 1,72)
0076          format(' ',72a1)
0077
0078          15      write(lun,15) intervening_records
0079          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 CJN 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-00000004	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=LISS: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

INTERVENE_INCREMENT

C 15
16-Sep-1984 00:04:51
5-Sep-1984 13:59:25

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

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COMPILATION STATISTICS

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

KM
VO
41
54
20
5A
41
49
50
50
00
42
55
41
42
53
43
53
40
20
4E
20
2F
4F
4E

