```
UUU          UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU          UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU          UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU          UUU  EEE                    TTT         PPP          PPP
UUU          UUU  EEE                    TTT         PPP          PPP
UUU          UUU  EEE                    TTT         PPP          PPP
UUU          UUU  EEE                    TTT         PPP          PPP
UUU          UUU  EEE                    TTT         PPP          PPP
UUU          UUU  EEE                    TTT         PPP          PPP
UUU          UUU  EEEEEEEEEEEE           TTT         PPPPPPPPPPPP
UUU          UUU  EEEEEEEEEEEE           TTT         PPPPPPPPPPPP
UUU          UUU  EEEEEEEEEEEE           TTT         PPPPPPPPPPPP
UUU          UUU  EEE                    TTT         PPP
UUU          UUU  EEE                    TTT         PPP
UUU          UUU  EEE                    TTT         PPP
UUU          UUU  EEE                    TTT         PPP
UUU          UUU  EEE                    TTT         PPP
UUU          UUU  EEE                    TTT         PPP
UUU          UUU  EEE                    TTT         PPP
UUUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE        TTT         PPP
UUUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE        TTT         PPP
UUUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE        TTT         PPP
```

FILEID**UETFORT01


```
UU      UU  EEEEEEEEEE  TTTTTTTTTT  FFFFFFFFFF    000000    RRRRRRRR    TTTTTTTTTT    000000      11
UU      UU  EEEEEEEEEE  TTTTTTTTTT  FFFFFFFFFF    000000    RRRRRRRR    TTTTTTTTTT    000000      11
UU      UU  EE              TT      FF          00      00  RR      RR      TT      00      00  1111
UU      UU  EE              TT      FF          00      00  RR      RR      TT      00      00  1111
UU      UU  EE              TT      FF          00      00  RR      RR      TT      00    0000    11
UU      UU  EE              TT      FF          00      00  RR      RR      TT      00    0000    11
UU      UU  EEEEEEEE        TT      FFFFFFFF    00      00  RRRRRRRR        TT      00  00  00    11
UU      UU  EEEEEEEE        TT      FFFFFFFF    00      00  RRRRRRRR        TT      00  00  00    11
UU      UU  EE              TT      FF          00      00  RR  RR          TT      000C    00    11
UU      UU  EE              TT      FF          00      00  RR  RR          TT      0000    00    11
UU      UU  EE              TT      FF          00      00  RR    RR        TT      00      00    11          ....
UU      UU  EE              TT      FF          00      00  RR    RR        TT      00      00    11          ....
UUUUUUUUUU  EEEEEEEEEE      TT      FF            000000    RR      RR      TT        000000    111111        ....
UUUUUUUUUU  EEEEEEEEEE      TT      FF            000000    RR      RR      TT        000000    111111        ....


LL              IIIIII      SSSSSSSS
LL              IIIIII      SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II              SS
LL                II              SS
LL                II              SS
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
0001     C
0002     C Version:      'V04-000'
0003     C
0004     C*****************************************************************************
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0023     C*                                                                           *
0024     C*                                                                           *
0025     C*****************************************************************************
0026
0027     C          ALCOA ENGINEERING STANDARDS -- 32.6.7.1            MAY, 1972
0028     C          TESTS OF STANDARD FORTRAN (ANSI X3.9-1966)
0029     C          TEST 3.5.3.3
0030     C
0031               PROGRAM UETFORT01
0032             INTEGER A(10), B(5,5), C(4,4,4), S
0033     C*****
0034             IPU=6
0035             ICU=5
0036     C*****
0037             ISW= 1
0038             WRITE (IPU,376)
0039       376 FORMAT(1H1,33X,39H ALCOA ENGINEERING STANDARD -- 32.6.7.1///)
0040             WRITE (IPU,378)
0041       378 FORMAT (20H BEGIN TEST 3.5.3.3 )
0042             DO 9 I=1,10
0043     9       A(I)= 0
0044             DO 81 J=1,5
0045             DO 81 I=1,5
0046     81      B(I,J)= 0
0047             DO 20 K=1,4
0048             DO 20 J=1,4
0049             DO 20 I=1,4
0050     20      C(I,J,K)=0
0051             S=1
0052     1       READ( ICU,11 ) I, A(I)
0053             IF( A(7) .NE. 7 ) GO TO 30
0054             S=2
0055     2       READ( ICU,11 ) I,J, B(I,J )
0056             IF( B(3,2) .NE. 8 ) GO TO 40
0057             S=3
```

```
0058     3     READ(ICU,11 ) I,J,K, C( I,J,K )
0059           IF( C(2,3,4) .NE. 58 ) GO TO 50
0060           S=4
0061     200   DO 12 I=1,10
0062     12    A(I)= 0
0063     4     READ( ICU,11 ) I,( A(L), L=1,I )
0064           DO 13 I=1,10
0065           IF( A(I) .NE. I ) GO TO 30
0066     13    CONTINUE
0067           S=5
0068     201   DO 14 J=1,5
0069           DO 14 I=1,5
0070     14    B(I,J)= 0
0071     5     READ( ICU,11 ) I,J,(( B(L,M),L=1,I),M=1,J )
0072           DO 15 J=1,5
0073           DO 15 I=1,5
0074           IF( B(I,J) .NE. I+5*(J-1) ) GO TO 40
0075     15    CONTINUE
0076           S=6
0077     202   DO 16 K=1,4
0078           DO 16 J=1,4
0079           DO 16 I=1,4
0080     16    C(I,J,K)= 0
0081     6     READ( ICU,11 ) I,J,K,((( C(L,M,N),L=1,I),M=1,J),N=1,K )
0082           DO 17 K=1,4
0083           DO 17 J=1,4
0084           DO 17 I=1,4
0085           IF( C(I,J,K) .NE. I+4*(J-1)+16*(K-1)  ) GO TO 50
0086     17    CONTINUE
0087           S=7
0088     203   DO 60 K=1,4
0089           DO 60 J=1,4
0090           DO 60 I=1,4
0091     60    C(I,J,K)= 0
0092     7     READ( ICU,11 ) I,J,K,C( 2*I, J-1, 3*K+1 )
0093           IF( C(2,3,4) .NE. 58 )  GO TO 50
0094           S=8
0095     205   DO 80 J=1,5
0096           DO 80 I=1,5
0097     80    B(I,J)=0
0098     8     READ( ICU,11 ) I,J,( B(I,N), N=1,J )
0099           DO 82 J=1,5
0100           IF( B(3,J) .NE. 3+5*(J-1) ) GO TO 40
0101     82    CONTINUE
0102     204   GO TO ( 18,19 ), ISW
0103     18    WRITE (IPU,21)
0104     21    FORMAT( 32H SUCESSFUL COMPLETION            )
0105     19    WRITE (IPU,377)
0106       377 FORMAT (21HOEND OF TEST 3.5.3.3 )
0107           STOP
0108     30    WRITE (IPU,31) S,A
0109     31    FORMAT( 19HOERROR IN STATEMENT, I2 / 9H ARRAY A  /
0110          1 1H , 10I3  )
0111     32    ISW= 2
0112           S=S+1
0113           GO TO ( 1,2,3,200,201,202,203,205,204 ), S
0114     40    WRITE (IPU,41) S,B
```

```
0115      41   FORMAT (19HOERROR IN STATEMENT,I2/9H ARRAY B ,(/
0116           11H ,2013))
0117           GO TO 32
0118     50    WRITE (IPU,51) S,C
0119       51  FORMAT (19HOERROR IN STATEMENT, I2/ 9H ARRAY C  ,(/
0120           11H ,2013))
0121           GO TO 32
0122     11    FORMAT(  3912 )
0123           END
```

PROGRAM SECTIONS

	Name	Bytes	Attributes
0	$CODE	1496	PIC CON REL LCL SHR EXE RD NOWRT LONG
1	$PDATA	275	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2	$LOCAL	484	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
	Total Space Allocated	2255	

ENTRY POINTS

Address	Type	Name
0-00000000		UETFORT01

VARIABLES

Address	Type	Name	Address	Type	Name	Address	Type	Name	Address	Type	Name
2-0000019C	I*4	I	2-00000194	I*4	ICU	2-00000190	I*4	IPU	2-00000198	I*4	ISW
2-000001A0	I*4	J	2-000001A4	I*4	K	2-000001A8	I*4	L	2-000001AC	I*4	M
2-000001B0	I*4	N	2-0000018C	I*4	S						

ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*4	A	40	(10)
2-00000028	I*4	B	100	(5, 5)
2-0000008C	I*4	C	256	(4, 4, 4)

LABELS

Address	Label	Address	Label	Address	Label	Address	Label	Address	Label	Address	Label
0-000000A3	1	0-000000E1	2	0-0000012E	3	**	4	**	5	**	6
**	7	**	8	**	9	1-0000010E	11'	**	12	**	13
**	14	**	15	**	16	**	17	0-00000505	18	0-0000051C	19
**	20	1-00000049	21'	0-0000053A	30	1-00000084	31'	0-00000564	32	0-00000580	40

```
  1-000000B0  41'       0-000005AC  50        1-000000DF  51'          **    60          **    80          **    81
     **       82        0-0000018B  200       0-000001F6  201       0-000002B4  202     0-000003CA  203     0-000004FC  204
  0-00000464  205       1-00000000  376'      1-0000006C  377'      1-00000032  378'
```

COMMAND QUALIFIERS

```
  FORTRAN /LIS=LIS$.UETFORT01/OBJ=OBJ$:UETFORT01 MSRC$:UETFORT01

  /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:           4.58 seconds
  Elapsed Time:       11.83 seconds
  Page Faults:        156
  Dynamic Memory:     197 pages
```

UETFORT03
LIS

UETFORT01
LIS

UETLPAK00
LIS

UETNETS00
LIS

UETDRIW00
LIS

UETFORT02
LIS