

CCCCCCCCCCCC
CCCCCCCCCCCC
CCCCCCCCCCCC
00000000 000 000 888888888888 888 RRRRRRRRRRR RRR TTTTTTTTTTTTT TTT LLL
00000000 000 000 888888888888 888 RRRRRRRRRRR RRR TTTTTTTTTTTTT TTT LLL
00000000 000 000 888888888888 888 RRRRRRRRRRR RRR TTTTTTTTTTTTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
000 000 000 888 888 RRR RRR TTT TTT LLL
00000000 000 000 888888888888 888 RRR RRR TTT TTT LLLLLLLLLLLLLLL
00000000 000 000 888888888888 888 RRR RRR TTT TTT LLLLLLLLLLLLLLL
00000000 000 000 888888888888 888 RRR RRR TTT TTT LLLLLLLLLLLLLLL

```

CCCCCCCC 000000 BBBB8888 DDDDDDDD EEEEEEEEEE EEEEEEEEEE DDDDDDDD IIIIII TTTTTTTTTT
CCCCCCCC 000000 BBBB8888 DDDDDDDD EEEEEEEEEE EEEEEEEEEE DDDDDDDD IIIIII TTTTTTTTTT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BBBB8888 DD      DD  EEEEEEEE EEEEEEEE DD      DD  II      TT
CC        00      00  BBBB8888 DD      DD  EEEEEEEE EEEEEEEE DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CC        00      00  BB      BB  DD      DD  EE      EE      EE      DD      DD  II      TT
CCCCCCCC 000000 BBBB8888 DDDDDDDD EEEEEEEEEE EEEEEEEEEE DDDDDDDD IIIIII TTTTTTTTTT
CCCCCCCC 000000 BBBB8888 DDDDDDDD EEEEEEEEEE EEEEEEEEEE DDDDDDDD IIIIII TTTTTTTTTT

```

```

....
....
....
....

```

```

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

```

(3)	51
(4)	83

DECLARATIONS	
COBSAB_DEEDIT - COBOL De-edit Translation Table	

```
0000 1 .TITLE COBSAB DEEDIT - COBOL De-edit
0000 2 .IDENT /1-0037 ; File: COBDEEDIT.MAR Edit: RKR1003
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0000 8 :* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0000 9 :* ALL RIGHTS RESERVED.
0000 10 :*
0000 11 :* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
0000 12 :* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
0000 13 :* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
0000 14 :* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
0000 15 :* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
0000 16 :* TRANSFERRED.
0000 17 :*
0000 18 :* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
0000 19 :* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
0000 20 :* CORPORATION.
0000 21 :*
0000 22 :* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 23 :* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28
0000 29 :++
0000 30 : FACILITY: COBOL Runtime Library
0000 31
0000 32 : ABSTRACT:
0000 33 : Translation table to aid COBOL-generated code perform
0000 34 : 'de-editing'. See more detailed functional description below.
0000 35 :
0000 36
0000 37 : ENVIRONMENT: Runs at any access mode, AST Reentrant
0000 38
0000 39 : AUTHOR: M. Jack, CREATION DATE: 01-JUL-1980
0000 40
0000 41 : MODIFIED BY:
0000 42
0000 43 : 1-001 - Original. MLJ 01-JUL-1980
0000 44 : 1-002 - Wrapped standard RTL boilerplate and some commentary around
0000 45 : table. RKR 3-SEP-80
0000 46 : 1-003 - Updated copyright to reflect 1981 release date and fixed
0000 47 : incorrect version number. RKR 6-JAN-81
0000 48 :--
```

```
0000 51 .SBTTL DECLARATIONS
0000 52 :
0000 53 : LIBRARY MACRO CALLS:
0000 54 :
0000 55 :
0000 56 : EXTERNAL DECLARATIONS:
0000 57 :
0000 58 : Prevent undeclared symbols from being automatically global.
0000 59 :
0000 60 : .DSABL GBL
0000 61 :
0000 62 : MACROS:
0000 63 :
0000 64 : NONE
0000 65 :
0000 66 : EQUATED SYMBOLS:
0000 67 :
0000 68 : NONE
0000 69 :
0000 70 : OWN STORAGE:
0000 71 :
00000000 72 : .PSECT _COB$DATA PIC, USR, CON, REL, LCL, NOSHR, -
0000 73 : NOEXE, RD, WRT, LONG
0000 74 :
0000 75 : NONE
0000 76 :
0000 77 : PSECT DECLARATIONS:
0000 78 :
0000 79 : .PSECT _COB$CODE PIC, USR, CON, REL, LCL, SHR, -
00000000 80 : EXE, RD, NOWRT, LONG
0000 81
```

```
0000 83 .SBTTL COBSAB_DEEDIT - COBOL De-edit Translation Table
0000 84 :++
0000 85 : FUNCTIONAL DESCRIPTION:
0000 86 :
0000 87 : Compiled code uses this table for a MOVTC instruction when there is a
0000 88 : numeric edited source and a numeric or numeric edited destination.
0000 89 : COBOL calls this case "de-editing". The MOVTC gets generated if there
0000 90 : were floating characters or implicit or explicit BLANK WHEN ZERO,
0000 91 : in order to translate any non-digits that might be in the result
0000 92 : to zeros.
0000 93 :
0000 94 COBSAB_DEEDIT::
0000 95 ; Octal Hex
0000 96 ; -----
0000 97 .ASCII '00000000000000000000000000000000' ; 000-037 00-1F
30 30 30 30 30 30 30 30 30 30 30 30 30 000C
30 30 30 30 30 30 30 30 30 30 30 30 30 0018
30 30 30 30 30 30 30 30 30 30 30 30 30 0020 98 .ASCII '0000000000000000000123456789000000' ; 040-077 20-3F
37 36 35 34 33 32 31 30 30 30 30 30 30 002C
30 30 30 30 30 30 30 30 30 30 30 30 30 0038
30 30 30 30 30 30 30 30 30 30 30 30 30 0040 99 .ASCII '00000000000000000000000000000000' ; 100-137 40-5F
30 30 30 30 30 30 30 30 30 30 30 30 30 004C
30 30 30 30 30 30 30 30 30 30 30 30 30 0058
30 30 30 30 30 30 30 30 30 30 30 30 30 0060 100 .ASCII '00000000000000000000000000000000' ; 140-177 60-7F
30 30 30 30 30 30 30 30 30 30 30 30 30 006C
30 30 30 30 30 30 30 30 30 30 30 30 30 0078
30 30 30 30 30 30 30 30 30 30 30 30 30 0080 101 .ASCII '00000000000000000000000000000000' ; 200-237 80-9F
30 30 30 30 30 30 30 30 30 30 30 30 30 008C
30 30 30 30 30 30 30 30 30 30 30 30 30 0098
30 30 30 30 30 30 30 30 30 30 30 30 30 00A0 102 .ASCII '00000000000000000000000000000000' ; 240-277 A0-BF
30 30 30 30 30 30 30 30 30 30 30 30 30 00AC
30 30 30 30 30 30 30 30 30 30 30 30 30 00B8
30 30 30 30 30 30 30 30 30 30 30 30 30 00C0 103 .ASCII '00000000000000000000000000000000' ; 300-337 C0-DF
30 30 30 30 30 30 30 30 30 30 30 30 30 00CC
30 30 30 30 30 30 30 30 30 30 30 30 30 00D8
30 30 30 30 30 30 30 30 30 30 30 30 30 00E0 104 .ASCII '00000000000000000000000000000000' ; 340-377 E0-FF
30 30 30 30 30 30 30 30 30 30 30 30 30 00EC
30 30 30 30 30 30 30 30 30 30 30 30 30 00F8
0100 105
0100 106 .END ; End of table COBSAB_DEEDIT
```

COBSAB_DEEDIT
Symbol table

- CCBOL De-edit

M 2

15-SEP-1984 23:42:34 VAX/VMS Macro V04-00
6-SEP-1984 10:44:06 [COBRTL.SRC]COBDEEDIT.MAR;1

Page 4
(4)

COBSAB_DEEDIT 00000000 RG 02

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
_COB\$DATA	00000000 (0.)	01 (1.)	PIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC LONG
_COB\$CODE	00000100 (256.)	02 (2.)	PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC LONG

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.03	00:00:00.48
Command processing	114	00:00:00.34	00:00:01.61
Pass 1	63	00:00:00.23	00:00:02.13
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	36	00:00:00.18	00:00:02.45
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	3	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	248	00:00:00.80	00:00:06.70

The working set limit was 900 pages.
1682 bytes (4 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
106 source lines were read in Pass 1, producing 10 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:COBDEEDIT/OBJ=OBJ\$:COBDEEDIT MSRC\$:COBDEEDIT/UPDATE=(ENH\$:COBDEEDIT)

0062 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

The image displays a grid of 120 terminal windows, arranged in 10 rows and 12 columns. Each window shows a different screen of a COBOL program. The programs are identified by labels in large, bold text within the windows:

- COBDIVQ LIS
- COBFINDA LIS
- COBDEXCE LIS
- COBEXPI LIS
- COBDEEDIT LIS
- COBDISPLA LIS
- COBESGGEN LIS
- COBERROR LIS
- COBDHANDL LIS

The windows contain various data, including text, tables, and graphical elements like bar charts. The overall appearance is that of a multi-processor terminal session from the VAX/VMS era.