



```

LL      I11111  BBBBBBBB  AAAAAA  222222  EEEEEEEEE  RRRRRRRR  EEEEEEEEE  VV      VV
LL      I11111  BBBBBBBB  AAAAAA  222222  EEEEEEEEE  RRRRRRRR  EEEEEEEEE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  AA      AA  22      22  EE      EE  RR      RR  EE      EE  VV      VV
LLLLLLLL  I11111  BBBBBBBB  AA      AA  222222?22  EEEEEEEEE  RR      RR  EEEEEEEEE  VV      VV
LLLLLLLL  I11111  BBBBBBBB  AA      AA  222222?22  EEEEEEEEE  RR      RR  EEEEEEEEE  VV      VV

```

```

LL      I11111  SSSSSSSS
LL      I11111  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
LLLLLLLL  I11111  SSSSSSSS
LLLLLLLL  I11111  SSSSSSSS

```

LIB  
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(2) 49  
(3) 58  
(4) 89

HISTORY ; Detailed Current Edit History  
DECLARATIONS  
LIB\$AB\_ASC\_EBC\_REV

```
0000 1 .TITLE LIBSAB_ASC_EBC_REV Reversible ASCII to EBCDIC Trans. Table
0000 2 .IDENT /1=0027 ; File: LIBA2EREV.MAR
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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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 : FACILITY: GENERAL-PURPOSE UTILITY
0000 29 :++
0000 30 : ABSTRACT:
0000 31 : This module contains the Reversible ASCII to EBCDIC translation
0000 32 : table.
0000 33
0000 34
0000 35 :--
0000 36
0000 37 : VERSION: 1
0000 38
0000 39 : HISTORY:
0000 40
0000 41 : AUTHOR:
0000 42 : Peter D Gilbert, 10-Feb-1981
0000 43
0000 44 : MODIFIED BY:
0000 45
0000 46
0000 47
```

```
0000 49 .SBTTL HISTORY ; Detailed Current Edit History
0000 50
0000 51
0000 52 : Edit History for Version 1
0000 53 :
0000 54 : 1-001 - Original. PDG 10-Feb-1981
0000 55 : 1-002 - Change name of module and table to current names.
0000 56 : RKR 23-DEC-1981
```

```
0000 58 .SBTTL DECLARATIONS
0000 59
0000 60 :
0000 61 : INCLUDE FILES:
0000 62 : NONE
0000 63 :
0000 64 :
0000 65 :
0000 66 : EXTERNAL SYMBOLS:
0000 67 : NONE
0000 68 :
0000 69 :
0000 70 :
0000 71 : MACROS:
0000 72 : NONE
0000 73 :
0000 74 :
0000 75 :
0000 76 : PSECT DECLARATIONS:
0000 77 : .PSECT _LIB$CODE PIC, USR, CON, REL, LCL, SHR, EXE, RD, NOWRT
0000 78
0000 79 :
0000 80 : EQUATED SYMBOLS:
0000 81 : NONE
0000 82 :
0000 83 :
0000 84 :
0000 85 : OWN STORAGE:
0000 86 : NONE
0000 87 :
```

```

0000 89          .SBTTL LIB$AB_ASC_EBC_REV
0000 90
0000 91 :++
0000 92 : FUNCTIONAL DESCRIPTION:
0000 93 :
0000 94 : This is the Reversible ASCII to EBCDIC translation table, based
0000 95 : on ANSI X3.26 - 1970
0000 96 :
0000 97 : All ASCII graphics are translated to their equivalent EBCDIC
0000 98 : graphic except for:
0000 99 :
0000 100 : ASCII graphic          EBCDIC graphic
0000 101 : -----
0000 102 : [ (left square bracket)  cents sign
0000 103 : ! (exclamation point)   short vertical bar
0000 104 : ^ (circumflex)          logical not
0000 105 : ] (right square bracket) ! (exclamation point)
0000 106 :
0000 107 : Note that this translation table, unlike LIB$AB_ASC_EBC, is a
0000 108 : one-to-one onto mapping. That is, it has a reverse translation,
0000 109 : namely LIB$AB_EBC_ASC_REV.
0000 110 :--
0000 111
0000 112 LIB$AB_ASC_EBC_REV::
0000 113 .BYTE ^X00, ^X01, ^X02, ^X03, ^X37, ^X2D, ^X2E, ^X2F : 00-07
0008 114 .BYTE ^X16, ^X05, ^X25, ^X0B, ^X0C, ^X0D, ^X0E, ^X0F : 08-0F
0010 115 .BYTE ^X10, ^X11, ^X12, ^X13, ^X3C, ^X3D, ^X32, ^X26 : 10-17
0018 116 .BYTE ^X18, ^X19, ^X3F, ^X27, ^X1C, ^X1D, ^X1E, ^X1F : 18-1F
0020 117 .BYTE ^X4C, ^X4F, ^X7F, ^X7B, ^X5B, ^X6C, ^X50, ^X7D : 20-27
0028 118 .BYTE ^X4D, ^X5D, ^X5C, ^X4E, ^X6B, ^X60, ^X4B, ^X61 : 28-2F
0030 119 .BYTE ^XF0, ^XF1, ^XF2, ^XF3, ^XF4, ^XF5, ^XF6, ^XF7 : 30-37
0038 120 .BYTE ^XF8, ^XF9, ^X7A, ^X5E, ^X4C, ^X7E, ^X6E, ^X6F : 38-3F
0040 121 .BYTE ^X7C, ^XC1, ^XC2, ^XC3, ^XC4, ^XC5, ^XC6, ^XC7 : 40-47
0048 122 .BYTE ^XC8, ^XC9, ^XD1, ^XD2, ^XD3, ^XD4, ^XD5, ^XD6 : 48-4F
0050 123 .BYTE ^XD7, ^XD8, ^XD9, ^XE2, ^XE3, ^XE4, ^XE5, ^XE6 : 50-57
0058 124 .BYTE ^XE7, ^XE8, ^XE9, ^X4A, ^XE0, ^X5A, ^X5F, ^X6D : 58-5F
0060 125 .BYTE ^X79, ^X81, ^X82, ^X83, ^X84, ^X85, ^X86, ^X87 : 60-67
0068 126 .BYTE ^X88, ^X89, ^X91, ^X92, ^X93, ^X94, ^X95, ^X96 : 68-6F
0070 127 .BYTE ^X97, ^X98, ^X99, ^XA2, ^XA3, ^XA4, ^XA5, ^XA6 : 70-77
0078 128 .BYTE ^XA7, ^XA8, ^XA9, ^XC0, ^X6A, ^XD0, ^XA1, ^X07 : 78-7F
0080 129 .BYTE ^X20, ^X21, ^X22, ^X23, ^X24, ^X15, ^X06, ^X17 : 80-87
0088 130 .BYTE ^X28, ^X29, ^X2A, ^X2B, ^X2C, ^X09, ^X0A, ^X1B : 88-8F
0090 131 .BYTE ^X30, ^X31, ^X1A, ^X33, ^X34, ^X35, ^X36, ^X08 : 90-97
0098 132 .BYTE ^X38, ^X39, ^X3A, ^X3B, ^X04, ^X14, ^X3E, ^XE1 : 98-9F
00A0 133 .BYTE ^X41, ^X42, ^X43, ^X44, ^X45, ^X46, ^X47, ^X48 : A0-A7
00A8 134 .BYTE ^X49, ^X51, ^X52, ^X53, ^X54, ^X55, ^X56, ^X57 : A8-AF
00B0 135 .BYTE ^X58, ^X59, ^X62, ^X63, ^X64, ^X65, ^X66, ^X67 : B0-B7
00B8 136 .BYTE ^X68, ^X69, ^X70, ^X71, ^X72, ^X73, ^X74, ^X75 : B8-BF
00C0 137 .BYTE ^X76, ^X77, ^X78, ^X80, ^X8A, ^X8B, ^X8C, ^X8D : C0-C7
00C8 138 .BYTE ^X8E, ^X8F, ^X90, ^X9A, ^X9B, ^X9C, ^X9D, ^X9E : C8-CF
00D0 139 .BYTE ^X9F, ^XA0, ^XAA, ^XAB, ^XAC, ^XAD, ^XAE, ^XAF : D0-D7
00D8 140 .BYTE ^XB0, ^XB1, ^XB2, ^XB3, ^XB4, ^XB5, ^XB6, ^XB7 : D8-DF
00E0 141 .BYTE ^XB8, ^XB9, ^XBA, ^XBB, ^XBC, ^XBD, ^XBE, ^XBF : E0-E7
00E8 142 .BYTE ^XCA, ^XCB, ^XCC, ^XCD, ^XCE, ^XCF, ^XDA, ^XDB : E8-EF
00F0 143 .BYTE ^XDC, ^XDD, ^XDE, ^XDF, ^XEA, ^XEB, ^XEC, ^XED : F0-F7
00F8 144 .BYTE ^XEE, ^XEF, ^XFA, ^XFB, ^XFC, ^XFD, ^XFE, ^XFF : F8-FF
0100 145 :

```

LIB\$AB\_ASC\_EBC\_REV  
4-002

Reversible ASCII to EBCDIC Trans. Table<sup>D 6</sup>  
LIB\$AB\_ASC\_EBC\_REV

15-SEP-1984 23:45:43  
6-SEP-1984 11:03:00

VAX/VMS Macro V04-00  
[LIBRTL.SRC]LIBA2EREV.MAR;1

Page 5  
(4)

LI  
1-

0100 146 .END



LIB\$AB\_ASC\_EBC\_REV

00000000 RG 01

-----  
! Psect synopsis !  
-----

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 ( 0.)	00 ( 0.)	NOPIC USR CON ABS LCL NOSMR NOEXE NORD NOWRT NOVEC BYTE
LIB\$CODE	00000100 ( 256.)	01 ( 1.)	PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC BYTE

-----  
! Performance indicators !  
-----

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.06	00:00:00.58
Command processing	103	00:00:00.32	00:00:07.45
Pass 1	64	00:00:00.48	00:00:02.10
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	41	00:00:00.29	00:00:02.72
Symbol table output	2	00:00:00.01	00:00:00.17
Psect synopsis output	2	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	243	00:00:01.17	00:00:13.10

The working set limit was 900 pages.  
2739 bytes (6 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.  
146 source lines were read in Pass 1, producing 8 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\$:LIBA2EREV/OBJ=OBJ\$:LIBA2EREV MSRC\$:LIBA2EREV/UPDATE=(ENH\$:LIBA2EREV)

RTLMACB32 REQ	STRMACROS REQ	RTLOOBS REQ	RTLPSECT REQ	STRLNK REQ	RTLMAC MAR	LIBASCEBC LIS	LIBASTNP LIS	LIBBINTRE LIS	LIBCHAR LIS
					LIBDEF FOR	LIBANSTR LIS	LIBASMBX LIS	LIBBBCCI LIS	
					LIBABUPCA LIS	LIBADDP LIS			
					SIGDEF FOR	LIBASCTIM LIS			
					LIBTABMAC MAR	LIBATTACH LIS			
					LIBAZEREV LIS	LIBBSSSI LIS		LIBCALLG LIS	LIBCLICAL LIS
					LIBADDP LIS				