

| | | |
|-----------|------------|------------|
| EEEEEEEEE | DDDDDDDDDD | TTTTTTTTTT |
| EEEEEEEEE | DDDDDDDDDD | TTTTTTTTTT |
| EEEEEEEEE | DDDDDDDDDD | TTTTTTTTTT |
| EEE | DDD | TTT |
| EEEEEEEEE | DDDDDDDDDD | TTT |
| EEEEEEEEE | DDDDDDDDDD | TTT |
| EEEEEEEEE | DDDDDDDDDD | TTT |

| | | | | | | | | | |
|------------|----------|--------|---------|----|----------|----|---------|------------|-----------|
| TTTTTTTTT1 | RRRRRRRR | AAAAAA | NN | NN | SSSSSSSS | LL | AAAAAA | TTTTTTTTTT | EEEEEEEEE |
| TTTTTTTTT2 | RRRRRRRR | AAAAAA | NN | NN | SSSSSSSS | LL | AAAAAA | TTTTTTTTTT | EEEEEEEEE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RRRRRRRR | AA | AA | NN | SS | LL | AA | AA | EE |
| TT | RRRRRRRR | AA | AA | NN | SS | LL | AA | AA | EE |
| TT | RR | RR | AAAAAAA | NN | SS | LL | AAAAAAA | TT | EE |
| TT | RR | RR | AAAAAAA | NN | SS | LL | AAAAAAA | TT | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |
| TT | RR | RR | AA | AA | SS | LL | AA | AA | EE |

| | | |
|----------|-----------|---------|
| RRRRRRRR | EEEEEEEEE | QQQQQQ |
| RRRRRRRR | EEEEEEEEE | QQQQQQ |
| RR | RR | EE |
| RRRRRRRR | EEEEEEE | QQ |
| RRRRRRRR | EEEEEEE | QQ |
| RR | RR | EE |
| RR | RR | EEEEEEE |
| RR | RR | EEEEEEE |

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This file, TRANSLATE.REQ, contains the definitions of the translate tables
used for string searches, and of the names of the unprintable characters.

Revision history:

- 1-001 - Original. JBS 15-Jul-1982
 - 1-002 - Add the fallbacks for the DEC Multinational supplementary set. JBS 10-Aug-1982
 - 1-003 - Improve the structure of the fallbacks list to improve compile time. JBS 11-Aug-1982
 - 1-004 - Fix some bugs in the fallbacks list. JBS 20-Aug-1982
 - 1-005 - Convert the fallbacks list to the (nearly identical) compose list. JBS 20-Aug-1982
 - 1-006 - Fix the representation list entry for Mu. JBS 22-Aug-1982
 - 1-007 - Fix Mu again. JBS 23-Aug-1982
 - 1-008 - Update the representation list based on the draft terminal interface architecture
keyboard level 2 spec, revision 0.0, section 8.2.9.10. JBS 14-Sep-1982
 - 1-009 - Correct errors in the translate tables for oe, OE, and y''. JBS 07-Dec-1982
 - 1-010 - Add conditional for VT220 support. JBS 10-Feb-1983
 - 1-011 - Fix the macros to compile when VT220 support is turned off. JBS 12-Feb-1983
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TRANSLATE.REQ;1

16-SEP-1984 16:50:23.33 Page 2

G 5
LIBRARY 'EDTSRC:SUPPORTS';

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+ A translate table that leaves characters alone.
 This is only used as a prototype for constructing other tables.

MACRO

CHAR_EXACT =

| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|---|---------|
| xx'00' | xx'01' | xx'02' | xx'03' | xx'04' | xx'05' | xx'06' | xx'07' | | 00 - 07 |
| xx'08' | xx'09' | xx'0A' | xx'0B' | xx'0C' | xx'0D' | xx'0E' | xx'0F' | | 08 - 0F |
| xx'10' | xx'11' | xx'12' | xx'13' | xx'14' | xx'15' | xx'16' | xx'17' | | 10 - 17 |
| xx'18' | xx'19' | xx'1A' | xx'1B' | xx'1C' | xx'1D' | xx'1E' | xx'1F' | | 18 - 1F |
| xx'20' | xx'21' | xx'22' | xx'23' | xx'24' | xx'25' | xx'26' | xx'27' | | 20 - 27 |
| xx'28' | xx'29' | xx'2A' | xx'2B' | xx'2C' | xx'2D' | xx'2E' | xx'2F' | | 28 - 2F |
| xx'30' | xx'31' | xx'32' | xx'33' | xx'34' | xx'35' | xx'36' | xx'37' | | 30 - 37 |
| xx'38' | xx'39' | xx'3A' | xx'3B' | xx'3C' | xx'3D' | xx'3E' | xx'3F' | | 38 - 3F |
| xx'40' | xx'41' | xx'42' | xx'43' | xx'44' | xx'45' | xx'46' | xx'47' | | 40 - 47 |
| xx'48' | xx'49' | xx'4A' | xx'4B' | xx'4C' | xx'4D' | xx'4E' | xx'4F' | | 48 - 4F |
| xx'50' | xx'51' | xx'52' | xx'53' | xx'54' | xx'55' | xx'56' | xx'57' | | 50 - 57 |
| xx'58' | xx'59' | xx'5A' | xx'5B' | xx'5C' | xx'5D' | xx'5E' | xx'5F' | | 58 - 5F |
| xx'60' | xx'61' | xx'62' | xx'63' | xx'64' | xx'65' | xx'66' | xx'67' | | 60 - 67 |
| xx'68' | xx'69' | xx'6A' | xx'6B' | xx'6C' | xx'6D' | xx'6E' | xx'6F' | | 68 - 6F |
| xx'70' | xx'71' | xx'72' | xx'73' | xx'74' | xx'75' | xx'76' | xx'77' | | 70 - 77 |
| xx'78' | xx'79' | xx'7A' | xx'7B' | xx'7C' | xx'7D' | xx'7E' | xx'7F' | : | 78 - 7F |

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| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|---|---------|
| xx'80' | xx'81' | xx'82' | xx'83' | xx'84' | xx'85' | xx'86' | xx'87' | | 80 - 87 |
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| xx'90' | xx'91' | xx'92' | xx'93' | xx'94' | xx'95' | xx'96' | xx'97' | | 90 - 97 |
| xx'98' | xx'99' | xx'9A' | xx'9B' | xx'9C' | xx'9D' | xx'9E' | xx'9F' | | 98 - 9F |
| xx'A0' | xx'A1' | xx'A2' | xx'A3' | xx'A4' | xx'A5' | xx'A6' | xx'A7' | | A0 - A7 |
| xx'A8' | xx'A9' | xx'AA' | xx'AB' | xx'AC' | xx'AD' | xx'AE' | xx'AF' | | A8 - AF |
| xx'B0' | xx'B1' | xx'B2' | xx'B3' | xx'B4' | xx'B5' | xx'B6' | xx'B7' | | B0 - B7 |
| xx'B8' | xx'B9' | xx'BA' | xx'BB' | xx'BC' | xx'BD' | xx'BE' | xx'BF' | | B8 - BF |
| xx'C0' | xx'C1' | xx'C2' | xx'C3' | xx'C4' | xx'C5' | xx'C6' | xx'C7' | | C0 - C7 |
| xx'C8' | xx'C9' | xx'CA' | xx'CB' | xx'CC' | xx'CD' | xx'CE' | xx'CF' | | C8 - CF |
| xx'D0' | xx'D1' | xx'D2' | xx'D3' | xx'D4' | xx'D5' | xx'D6' | xx'D7' | | D0 - D7 |
| xx'D8' | xx'D9' | xx'DA' | xx'DB' | xx'DC' | xx'DD' | xx'DE' | xx'DF' | | D8 - DF |
| xx'E0' | xx'E1' | xx'E2' | xx'E3' | xx'E4' | xx'E5' | xx'E6' | xx'E7' | | E0 - E7 |
| xx'E8' | xx'E9' | xx'EA' | xx'EB' | xx'EC' | xx'ED' | xx'EE' | xx'EF' | | E8 - EF |
| xx'F0' | xx'F1' | xx'F2' | xx'F3' | xx'F4' | xx'F5' | xx'F6' | xx'F7' | | F0 - F7 |
| xx'F8' | xx'F9' | xx'FA' | xx'FB' | xx'FC' | xx'FD' | xx'FE' | xx'FF' | : | F8 - FF |

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%IF SUPPORT_VT220
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!+
! Translation table to convert lower case letters to upper case.
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MACRO

CHAR CI =

| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|----|---------|
| xx'00' | xx'01' | xx'02' | xx'03' | xx'04' | xx'05' | xx'06' | xx'07' | | 00 - 07 |
| xx'08' | xx'09' | xx'0A' | xx'0B' | xx'0C' | xx'0D' | xx'0E' | xx'0F' | | 08 - 0F |
| xx'10' | xx'11' | xx'12' | xx'13' | xx'14' | xx'15' | xx'16' | xx'17' | | 10 - 17 |
| xx'18' | xx'19' | xx'1A' | xx'1B' | xx'1C' | xx'1D' | xx'1E' | xx'1F' | | 18 - 1F |
| xx'20' | xx'21' | xx'22' | xx'23' | xx'24' | xx'25' | xx'26' | xx'27' | | 20 - 27 |
| xx'28' | xx'29' | xx'2A' | xx'2B' | xx'2C' | xx'2D' | xx'2E' | xx'2F' | | 28 - 2F |
| xx'30' | xx'31' | xx'32' | xx'33' | xx'34' | xx'35' | xx'36' | xx'37' | | 30 - 37 |
| xx'38' | xx'39' | xx'3A' | xx'3B' | xx'3C' | xx'3D' | xx'3E' | xx'3F' | | 38 - 3F |
| xx'40' | xx'41' | xx'42' | xx'43' | xx'44' | xx'45' | xx'46' | xx'47' | | 40 - 47 |
| xx'48' | xx'49' | xx'4A' | xx'4B' | xx'4C' | xx'4D' | xx'4E' | xx'4F' | | 48 - 4F |
| xx'50' | xx'51' | xx'52' | xx'53' | xx'54' | xx'55' | xx'56' | xx'57' | | 50 - 57 |
| xx'58' | xx'59' | xx'5A' | xx'5B' | xx'5C' | xx'5D' | xx'5E' | xx'5F' | | 58 - 5F |
| xx'60' | xx'41' | xx'42' | xx'43' | xx'44' | xx'45' | xx'46' | xx'47' | | 60 - 67 |
| xx'48' | xx'49' | xx'4A' | xx'4B' | xx'4C' | xx'4D' | xx'4E' | xx'4F' | | 68 - 6F |
| xx'50' | xx'51' | xx'52' | xx'53' | xx'54' | xx'55' | xx'56' | xx'57' | | 70 - 77 |
| xx'58' | xx'59' | xx'5A' | xx'7B' | xx'7C' | xx'7D' | xx'7E' | xx'7F' | | 78 - 7F |
| xx'80' | xx'81' | xx'82' | xx'83' | xx'84' | xx'85' | xx'86' | xx'87' | | 80 - 87 |
| xx'88' | xx'89' | xx'8A' | xx'8B' | xx'8C' | xx'8D' | xx'8E' | xx'8F' | | 88 - 8F |
| xx'90' | xx'91' | xx'92' | xx'93' | xx'94' | xx'95' | xx'96' | xx'97' | | 90 - 97 |
| xx'98' | xx'99' | xx'9A' | xx'9B' | xx'9C' | xx'9D' | xx'9E' | xx'9F' | | 98 - 9F |
| xx'A0' | xx'A1' | xx'A2' | xx'A3' | xx'A4' | xx'A5' | xx'A6' | xx'A7' | | A0 - A7 |
| xx'A8' | xx'A9' | xx'AA' | xx'AB' | xx'AC' | xx'AD' | xx'AE' | xx'AF' | | A8 - AF |
| xx'B0' | xx'B1' | xx'B2' | xx'B3' | xx'B4' | xx'B5' | xx'B6' | xx'B7' | | B0 - B7 |
| xx'B8' | xx'B9' | xx'BA' | xx'BB' | xx'BC' | xx'BD' | xx'BE' | xx'BF' | | B8 - BF |
| xx'C0' | xx'C1' | xx'C2' | xx'C3' | xx'C4' | xx'C5' | xx'C6' | xx'C7' | | C0 - C7 |
| xx'C8' | xx'C9' | xx'CA' | xx'CB' | xx'CC' | xx'CD' | xx'CE' | xx'CF' | | C8 - CF |
| xx'D0' | xx'D1' | xx'D2' | xx'D3' | xx'D4' | xx'D5' | xx'D6' | xx'D7' | | D0 - D7 |
| xx'D8' | xx'D9' | xx'DA' | xx'DB' | xx'DC' | xx'DD' | xx'DE' | xx'DF' | | D8 - DF |
| xx'C0' | xx'C1' | xx'C2' | xx'C3' | xx'C4' | xx'C5' | xx'C6' | xx'C7' | | E0 - E7 |
| xx'C8' | xx'C9' | xx'CA' | xx'CB' | xx'CC' | xx'CD' | xx'CE' | xx'CF' | | E8 - EF |
| xx'F0' | xx'D1' | xx'D2' | xx'D3' | xx'D4' | xx'D5' | xx'D6' | xx'D7' | | F0 - F7 |
| xx'D8' | xx'D9' | xx'DA' | xx'DB' | xx'DC' | xx'DD' | xx'FE' | xx'FF' | %; | F8 - FF |

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+ Translate table to convert characters to their non-diacritical equivalents.

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MACRO

CHAR DI =

| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|----|---------|
| xx'00' | xx'01' | xx'02' | xx'03' | xx'04' | xx'05' | xx'06' | xx'07' | | 00 - 07 |
| xx'08' | xx'09' | xx'0A' | xx'0B' | xx'0C' | xx'0D' | xx'0E' | xx'0F' | | 08 - 0F |
| xx'10' | xx'11' | xx'12' | xx'13' | xx'14' | xx'15' | xx'16' | xx'17' | | 10 - 17 |
| xx'18' | xx'19' | xx'1A' | xx'1B' | xx'1C' | xx'1D' | xx'1E' | xx'1F' | | 18 - 1F |
| xx'20' | xx'21' | xx'22' | xx'23' | xx'24' | xx'25' | xx'26' | xx'27' | | 20 - 27 |
| xx'28' | xx'29' | xx'2A' | xx'2B' | xx'2C' | xx'2D' | xx'2E' | xx'2F' | | 28 - 2F |
| xx'30' | xx'31' | xx'32' | xx'33' | xx'34' | xx'35' | xx'36' | xx'37' | | 30 - 37 |
| xx'38' | xx'39' | xx'3A' | xx'3B' | xx'3C' | xx'3D' | xx'3E' | xx'3F' | | 38 - 3F |
| xx'40' | xx'41' | xx'42' | xx'43' | xx'44' | xx'45' | xx'46' | xx'47' | | 40 - 47 |
| xx'48' | xx'49' | xx'4A' | xx'4B' | xx'4C' | xx'4D' | xx'4E' | xx'4F' | | 48 - 4F |
| xx'50' | xx'51' | xx'52' | xx'53' | xx'54' | xx'55' | xx'56' | xx'57' | | 50 - 57 |
| xx'58' | xx'59' | xx'5A' | xx'5B' | xx'5C' | xx'5D' | xx'5E' | xx'5F' | | 58 - 5F |
| xx'60' | xx'61' | xx'62' | xx'63' | xx'64' | xx'65' | xx'66' | xx'67' | | 60 - 67 |
| xx'68' | xx'69' | xx'6A' | xx'6B' | xx'6C' | xx'6D' | xx'6E' | xx'6F' | | 68 - 6F |
| xx'70' | xx'71' | xx'72' | xx'73' | xx'74' | xx'75' | xx'76' | xx'77' | | 70 - 77 |
| xx'78' | xx'79' | xx'7A' | xx'7B' | xx'7C' | xx'7D' | xx'7E' | xx'7F' | | 78 - 7F |
| xx'80' | xx'81' | xx'82' | xx'83' | xx'84' | xx'85' | xx'86' | xx'87' | | 80 - 87 |
| xx'88' | xx'89' | xx'8A' | xx'8B' | xx'8C' | xx'8D' | xx'8E' | xx'8F' | | 88 - 8F |
| xx'90' | xx'91' | xx'92' | xx'93' | xx'94' | xx'95' | xx'96' | xx'97' | | 90 - 97 |
| xx'98' | xx'99' | xx'9A' | xx'9B' | xx'9C' | xx'9D' | xx'9E' | xx'9F' | | 98 - 9F |
| xx'A0' | xx'A1' | xx'A2' | xx'A3' | xx'A4' | xx'A5' | xx'A6' | xx'A7' | | A0 - A7 |
| xx'A8' | xx'A9' | xx'AA' | xx'AB' | xx'AC' | xx'AD' | xx'AE' | xx'AF' | | A8 - AF |
| xx'B0' | xx'B1' | xx'B2' | xx'B3' | xx'B4' | xx'B5' | xx'B6' | xx'B7' | | B0 - B7 |
| xx'B8' | xx'B9' | xx'BA' | xx'BB' | xx'BC' | xx'BD' | xx'BE' | xx'BF' | | B8 - BF |
| xx'41' | xx'41' | xx'41' | xx'41' | xx'41' | xx'41' | xx'C6' | xx'43' | | C0 - C7 |
| xx'45' | xx'45' | xx'45' | xx'45' | xx'49' | xx'49' | xx'49' | xx'49' | | C8 - CF |
| xx'D0' | xx'4E' | xx'4F' | xx'4F' | xx'4F' | xx'4F' | xx'4F' | xx'D7' | | D0 - D7 |
| xx'4F' | xx'55' | xx'55' | xx'55' | xx'55' | xx'59' | xx'DE' | xx'DF' | | D8 - DF |
| xx'61' | xx'61' | xx'61' | xx'61' | xx'61' | xx'61' | xx'E6' | xx'63' | | E0 - E7 |
| xx'65' | xx'65' | xx'65' | xx'65' | xx'69' | xx'69' | xx'69' | xx'69' | | E8 - EF |
| xx'F0' | xx'6E' | xx'6F' | xx'6F' | xx'6F' | xx'6F' | xx'6F' | xx'F7' | | F0 - F7 |
| xx'6F' | xx'75' | xx'75' | xx'75' | xx'75' | xx'79' | xx'FE' | xx'FF' | %; | F8 - FF |

ZFI

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+ Translation table to convert lower case letters to upper case
 and remove diacritical marks.

%IF SUPPORT_VT220
%THEN

MACRO

CHAR GENERAL =

| | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|----|---------|
| xx'00' | xx'01' | xx'02' | xx'03' | xx'04' | xx'05' | xx'06' | xx'07' | | 00 - 07 |
| xx'08' | xx'09' | xx'0A' | xx'0B' | xx'0C' | xx'0D' | xx'0E' | xx'0F' | | 08 - 0F |
| xx'10' | xx'11' | xx'12' | xx'13' | xx'14' | xx'15' | xx'16' | xx'17' | | 10 - 17 |
| xx'18' | xx'19' | xx'1A' | xx'1B' | xx'1C' | xx'1D' | xx'1E' | xx'1F' | | 18 - 1F |
| xx'20' | xx'21' | xx'22' | xx'23' | xx'24' | xx'25' | xx'26' | xx'27' | | 20 - 27 |
| xx'28' | xx'29' | xx'2A' | xx'2B' | xx'2C' | xx'2D' | xx'2E' | xx'2F' | | 28 - 2F |
| xx'30' | xx'31' | xx'32' | xx'33' | xx'34' | xx'35' | xx'36' | xx'37' | | 30 - 37 |
| xx'38' | xx'39' | xx'3A' | xx'3B' | xx'3C' | xx'3D' | xx'3E' | xx'3F' | | 38 - 3F |
| xx'40' | xx'41' | xx'42' | xx'43' | xx'44' | xx'45' | xx'46' | xx'47' | | 40 - 47 |
| xx'48' | xx'49' | xx'4A' | xx'4B' | xx'4C' | xx'4D' | xx'4E' | xx'4F' | | 48 - 4F |
| xx'50' | xx'51' | xx'52' | xx'53' | xx'54' | xx'55' | xx'56' | xx'57' | | 50 - 57 |
| xx'58' | xx'59' | xx'5A' | xx'5B' | xx'5C' | xx'5D' | xx'5E' | xx'5F' | | 58 - 5F |
| xx'60' | xx'41' | xx'42' | xx'43' | xx'44' | xx'45' | xx'46' | xx'47' | | 60 - 67 |
| xx'48' | xx'49' | xx'4A' | xx'4B' | xx'4C' | xx'4D' | xx'4E' | xx'4F' | | 68 - 6F |
| xx'50' | xx'51' | xx'52' | xx'53' | xx'54' | xx'55' | xx'56' | xx'57' | | 70 - 77 |
| xx'58' | xx'59' | xx'5A' | xx'7B' | xx'7C' | xx'7D' | xx'7E' | xx'7F' | | 78 - 7F |
| xx'80' | xx'81' | xx'82' | xx'83' | xx'84' | xx'85' | xx'86' | xx'87' | | 80 - 87 |
| xx'88' | xx'89' | xx'8A' | xx'8B' | xx'8C' | xx'8D' | xx'8E' | xx'8F' | | 88 - 8F |
| xx'90' | xx'91' | xx'92' | xx'93' | xx'94' | xx'95' | xx'96' | xx'97' | | 90 - 97 |
| xx'98' | xx'99' | xx'9A' | xx'9B' | xx'9C' | xx'9D' | xx'9E' | xx'9F' | | 98 - 9F |
| xx'A0' | xx'A1' | xx'A2' | xx'A3' | xx'A4' | xx'A5' | xx'A6' | xx'A7' | | A0 - A7 |
| xx'A8' | xx'A9' | xx'AA' | xx'AB' | xx'AC' | xx'AD' | xx'AE' | xx'AF' | | A8 - AF |
| xx'B0' | xx'B1' | xx'B2' | xx'B3' | xx'B4' | xx'B5' | xx'B6' | xx'B7' | | B0 - B7 |
| xx'B8' | xx'B9' | xx'BA' | xx'BB' | xx'BC' | xx'BD' | xx'BE' | xx'BF' | | B8 - BF |
| xx'41' | xx'41' | xx'41' | xx'41' | xx'41' | xx'41' | xx'C6' | xx'43' | | C0 - C7 |
| xx'45' | xx'45' | xx'45' | xx'45' | xx'49' | xx'49' | xx'49' | xx'49' | | C8 - CF |
| xx'D0' | xx'4E' | xx'4F' | xx'4F' | xx'4F' | xx'4F' | xx'4F' | xx'D7' | | D0 - D7 |
| xx'4F' | xx'55' | xx'55' | xx'55' | xx'55' | xx'59' | xx'DE' | xx'DF' | | D8 - DF |
| xx'41' | xx'41' | xx'41' | xx'41' | xx'41' | xx'41' | xx'C6' | xx'43' | | E0 - E7 |
| xx'45' | xx'45' | xx'45' | xx'45' | xx'49' | xx'49' | xx'49' | xx'49' | | E8 - EF |
| xx'F0' | xx'4E' | xx'4F' | xx'4F' | xx'4F' | xx'4F' | xx'4F' | xx'D7' | | F0 - F7 |
| xx'4F' | xx'55' | xx'55' | xx'55' | xx'55' | xx'59' | xx'FE' | xx'FF' | %; | F8 - FF |

ZFI

<BLF/PAGE>

+ Definitions of the text names of the characters.
Only those characters with text names other than Xnn are listed here.
Form feed is handled as a special case since its text can be changed.

<BLF/NOMACRO>

MACRO

```
CHAR NAMES =
  XX'0A', XC'L', XC'F',
  XX'0B', XC'V', XC'T',
  XX'0D', XC'C', XC'R',
  XX'1B', XC'E', XC'S', XC'C',
  XX'7F', XC'D', XC'E', XC'L',
%IF SUPPORT VT220 %THEN
  XX'84', XC'I', XC'N', XC'D',
  XX'85', XC'N', XC'E', XC'L',
  XX'86', XC'S', XC'S', XC'A',
  XX'87', XC'E', XC'S', XC'A',
  XX'88', XC'H', XC'T', XC'S',
  XX'89', XC'H', XC'T', XC'J',
  XX'8A', XC'V', XC'T', XC'S',
  XX'8B', XC'P', XC'L', XC'D',
  XX'8C', XC'P', XC'L', XC'U',
  XX'8D', XC'R', XC'I',
  XX'8E', XC'S', XC'S', XC'Z',
  XX'8F', XC'S', XC'S', XC'3',
  XX'90', XC'D', XC'C', XC'S',
  XX'91', XC'P', XC'U', XC'1',
  XX'92', XC'P', XC'U', XC'2',
  XX'93', XC'S', XC'T', XC'S',
  XX'94', XC'C', XC'C', XC'H',
  XX'95', XC'M', XC'W',
  XX'96', XC'S', XC'P', XC'A',
  XX'97', XC'E', XC'P', XC'A',
  XX'98', XC'C', XC'S', XC'I',
  XX'9C', XC'S', XC'T',
  XX'9D', XC'O', XC'S', XC'C',
  XX'9E', XC'P', XC'M',
  XX'9F', XC'A', XC'P', XC'C',
  XX'A1', XC'!',
  XX'A2', XC'C', XC '/',
  XX'A3', XC'L', XC'-',
  XX'A5', XC'Y', XC'-',
  XX'A7', XC'S', XC'0',
  XX'A8', XC'X', XC'0',
  XX'A9', XC'C', XC'0',
  XX'AA', XC'a', XC'',
  XX'AB', XC'<', XC'Z',
  XX'B0', XC'0', XC'^',
  XX'B1', XC'+', XC'-',
  XX'B2', XC'2', XC'^',
  XX'B3', XC'3', XC'^',
  XX'B5', XC'/', XC'U',
  XX'B6', XC'P', XC'!',
  XX'B7', XC'.', XC'@'
```

xx' B9': xc' 1', xc' ^',
xx' BA': xc' 0', xc' ,
xx' BB': xc' >', xc' 5',
xx' BC': xc' 1', xc' 4',
xx' BD': xc' 1', xc' 2',
xx' BF': xc' ?', xc' ?',
xx' CO': xc' A', xc' ,
xx' C1': xc' A', xc' ,
xx' C2': xc' A', xc' ,
xx' C3': xc' A', xc' ,
xx' C4': xc' A', xc' ,
xx' C5': xc' A', xc' *',
xx' C6': xc' A', xc' E',
xx' C7': xc' C', xc' ,
xx' C8': xc' E', xc' ,
xx' C9': xc' E', xc' ,
xx' CA': xc' E', xc' ,
xx' CB': xc' E', xc' ,
xx' CC': xc' I', xc' ,
xx' CD': xc' I', xc' ,
xx' CE': xc' I', xc' ,
xx' CF': xc' I', xc' ,
xx' D1': xc' N', xc' ,
xx' D2': xc' O', xc' ,
xx' D3': xc' O', xc' ,
xx' D4': xc' O', xc' ,
xx' D5': xc' O', xc' ,
xx' D6': xc' O', xc' ,
xx' D7': xc' O', xc' E',
xx' D8': xc' O', xc' ,
xx' D9': xc' U', xc' ,
xx' DA': xc' U', xc' ,
xx' DB': xc' U', xc' ,
xx' DC': xc' U', xc' ,
xx' DD': xc' Y', xc' ,
xx' DF': xc' s', xc' s',
xx' EO': xc' a', xc' ,
xx' E1': xc' a', xc' ,
xx' E2': xc' a', xc' ,
xx' E3': xc' a', xc' ,
xx' E4': xc' a', xc' ,
xx' E5': xc' a', xc' *',
xx' E6': xc' a', xc' e',
xx' E7': xc' c', xc' ,
xx' E8': xc' e', xc' ,
xx' E9': xc' e', xc' ,
xx' EA': xc' e', xc' ,
xx' EB': xc' e', xc' ,
xx' EC': xc' i', xc' ,
xx' ED': xc' i', xc' ,
xx' EE': xc' i', xc' ,
xx' EF': xc' i', xc' ,
xx' F1': xc' n', xc' ,
xx' F2': xc' o', xc' ,
xx' F3': xc' o', xc' ,
xx' F4': xc' o', xc' ,

```
XX'F5', XC'o', XC'..';
XX'F6', XC'o', XC'..';
XX'F7', XC'o', XC'e';
XX'F8', XC'o', XC'/'';
XX'F9', XC'u', XC'..';
XX'FA', XC'u', XC'..';
XX'FB', XC'u', XC'..';
XX'FC', XC'u', XC'..';
XX'FD', XC'y', XC'..';

%FI      XX'00'          ! Flag to terminate the table
%;
```

```
:<BLF/MACRO>
:<BLF/PAGE>
```

Table of information about each character.

bit 0 = this is a lower-case letter
bit 1 = this is an upper-case letter
bits 2-3 = display information, coded as follows:
 0 = display as self on all terminals
 1 = display as '^x'
 2 = display as <name>, except on 8-bit terminals
 if the character is %X'80' or above, in which case
 display as self
 3 = display as <Xnn>
bits 4-7 = diacritical information, coded as follows:
 0 = no diacritical
 1 = diacritical, base letter is 'A' or 'a'
 2 = diacritical, base letter is 'C' or 'c'
 3 = diacritical, base letter is 'E' or 'e'
 4 = diacritical, base letter is 'I' or 'i'
 5 = diacritical, base letter is 'N' or 'n'
 6 = diacritical, base letter is 'O' or 'o'
 7 = diacritical, base letter is 'U' or 'u'
 8 = diacritical, base letter is 'Y' or 'y'
 9 = E unused

If the byte contains "F0" this is a digit.

MACRO

```

CHAR_INFO = {
    xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04',
    xx'04', xx'00', xx'08', xx'08', xx'08', xx'08', xx'08', xx'04', xx'04', xx'04',
    xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04',
    xx'04', xx'04', xx'04', xx'08', xx'04', xx'04', xx'04', xx'04', xx'04', xx'04',
    xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00',
    xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00',
    xx'F0', xx'F0', xx'F0', xx'F0', xx'F0', xx'F0', xx'F0', xx'F0', xx'F0', xx'F0',
    xx'F0', xx'F0', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00',
    xx'00', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02',
    xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02',
    xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02', xx'02',
    xx'02', xx'02', xx'02', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00',
    xx'00', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01',
    xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01', xx'01',
    xx'01', xx'01', xx'01', xx'00', xx'00', xx'00', xx'00', xx'00', xx'00', xx'08'
} ; 78 - 7F

```

%IF SUPPORT_VT220
%THEN

| | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|----|---|----|
| xx'0C' | xx'0C' | xx'0C' | xx'0C' | xx'08' | xx'08' | xx'08' | xx'08' | 80 | - | 87 |
| xx'08' | 88 | - | 8F |
| xx'08' | 90 | - | 97 |
| xx'0C' | xx'0C' | xx'0C' | xx'08' | xx'08' | xx'08' | xx'08' | xx'08' | 98 | - | 9F |
| xx'0C' | xx'08' | xx'08' | xx'08' | xx'0C' | xx'08' | xx'0C' | xx'08' | A0 | - | A7 |
| xx'08' | xx'08' | xx'08' | xx'08' | xx'0C' | xx'0C' | xx'0C' | xx'0C' | A8 | - | AF |
| xx'08' | xx'08' | xx'08' | xx'08' | xx'0C' | xx'08' | xx'08' | xx'08' | B0 | - | B7 |
| xx'0C' | xx'08' | xx'08' | xx'08' | xx'08' | xx'08' | xx'0C' | xx'08' | B8 | - | BF |

| | |
|---|---------|
| xx'1A', xx'1A', xx'1A', xx'1A', xx'1A', xx'1A', xx'0A', xx'2A', | C0 - C7 |
| xx'3A', xx'3A', xx'3A', xx'3A', xx'4A', xx'4A', xx'4A', xx'4A', | C8 - CF |
| xx'0C', xx'5A', xx'6A', xx'6A', xx'6A', xx'6A', xx'6A', xx'0A', | D0 - D7 |
| xx'0A', xx'7A', xx'7A', xx'7A', xx'7A', xx'8A', xx'0C', xx'08', | D8 - DF |
| xx'19', xx'19', xx'19', xx'19', xx'19', xx'19', xx'09', xx'29', | E0 - E7 |
| xx'39', xx'39', xx'39', xx'39', xx'49', xx'49', xx'49', xx'49', | E8 - EF |
| xx'0C', xx'59', xx'69', xx'69', xx'69', xx'69', xx'69', xx'09', | F0 - F7 |
| xx'09', xx'79', xx'79', xx'79', xx'79', xx'89', xx'0C', xx'0C', | F8 - FF |

XF1

%:

! End of file TRANSLATE.REQ

0130 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

ERRMSG
REQ

TRACEOFF
REQ

SUPPORTS
REQ

TRACEON
REQ

TRANSLATE
REQ

TRAROUNAM
REQ

BADKEY
LIS

CALLWIO
LIS

CHMBEGSEN
LIS

CHMBELL
LIS

CHMCHGE
LIS

CHMDELLIN
LIS

SYSSYM
REQ

TRANNAME
REQ

TRACELIT
REQ

CALLFIO
LIS

CHMBEGWRD
LIS

CHMCRLRC
LIS

EDTREQ
REQ

KEYPADDEF
REQ

RE

CHMBEEP
LIS

CHMCHANGE
LIS

CHMDELCHR
LIS

TRACEMAC
REQ

VERSION
REQ

CHMCHKCC
LIS

CHMEINPUT
LIS

PSECTS
REQ