Subject: Seven characters defined by the C standard need names
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1   Edits

Edits refer to 02-007. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by associated text, while a page and line number followed by + (-) indicates that associated text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[The values of the seven escape sequences for "Character display semantics" (5.2.2 of the C standard) are not provided in Section 15. The following table provides them.]

The following entities shall be named constants of type character with a length parameter of   372:17-22
one. The kind parameter value shall be equal to the value of C_CHAR unless C_CHAR $= -1$, in
which case the kind parameter value shall be the same as for default kind. The values of these
constants are specified in Table 1. In the case that C_CHAR $\neq -1$ the value is specified using
C syntax. The semantics of these values are explained in 5.2.1 and 5.2.2 of the C standard.

Table 1: **Names of C characters with special semantics**

Name	C definition	Value	
		C_CHAR $= -1$	C_CHAR $\neq -1$
C_NULL_CHAR	null character	CHAR(0)	'\0'
C_ALERT	alert	ACHAR(7)	'\a'
C_BACKSPACE	backspace	ACHAR(8)	'\b'
C_FORM_FEED	form feed	ACHAR(12)	'\f'
C_NEW_LINE	new line	ACHAR(10)	'\n'
C_CARRIAGE_RETURN	carriage return	ACHAR(13)	'\r'
C_HORIZONTAL_TAB	horizontal tab	ACHAR(9)	'\t'
C_VERTICAL_TAB	vertical tab	ACHAR(11)	'\v'