

Correction Number: CP-147	
Log Summary: Character Set Clarifications	
Type of Modification: Clarification	Name of Standard: PS 3.3, 3.5 - 1998
Rationale for Correction: <ol style="list-style-type: none"><li>1. Correct typos in Section 2: Normative references.</li><li>2. Some references to ISO IR number defined terms are not in the correct "ISO_IR nnn" form.</li><li>3. Remove reference to Addenda</li><li>4. Clarify derivation from ISO IR numbers</li><li>5. Explain relationship between ISO registration number and ISO 8859 in tables. For example, in the column of Character Set in PS 3.3 Table C.12-2 and Table C.12-3, it is better to change the description from "Supplementary set" for G1 and "ISO 646" for G0 to "Supplementary set of ISO 8859" for both G1 and G0.</li><li>6. Correct a typo in PS 3.3 Table C.12-3 that had an extraneous quote in an escape sequence.</li><li>7. Correct a typo in PS 3.3 Table C.12-3, where 1976 shouldn't be specified for JIS X 0201</li></ol>	
Sections of document affected: PS 3.5 Section 2: Normative references PS 3.5 Section 6.1.2.3: Encoding of character repertoires PS 3.5 Section 6.1.2.4: Code Extension Techniques PS 3.3 Section C.12.1.1.2: Specific Character Set PS 3.3 Table C.12-2 and C.12-3.	
Correction Wording:	

*Item: Amend PS 3.5 Section 2:*

ISO 9834-3:1990 Part 3: Procedures for the Assignment of Object Identifier Component Values for Joint ISO-CCITT Use

ISO/IEC Directives, 1989 Part 3 - Drafting and presentation of International Standards

JIS X ~~0201~~ **0208** -1990 Code for the Japanese Graphic Character set for information interchange

*Item: Amend PS 3.5 Section 6.1.2.3:*

Note: When the value of the Attribute Specific Character Set (0008,0005) is either ~~“IR 13”~~ “ISO\_IR 13” or “ISO 2022 IR 13”, the graphic character represented by the bit combination 05/12 is a ‘ ¥ ’ (YEN SIGN) in the character set of ISO-IR 14.

*Item: Amend PS 3.5 Section 6.1.2.4:*

If such Code Extension techniques are used, the related Specific Character Set or Sets shall be specified by value 2 to value n of the Attribute Specific Character Set (0008,0005) of the SOP Common Module (see PS 3.3 ~~Addenda~~), and shall be stated in the Conformance Statement.

*Item: Amend PS 3.3 Section C.12.1.1.2:*

If the Attribute Specific Character Set (0008,0005) is not present or has only a single value, Code Extension techniques are not used. Defined terms for the Attribute Specific Character Set (0008,0005), when single valued, are **derived from the** International Registration Number as per ISO 2375 (e.g., ~~IR 100~~ **ISO\_IR 100** for Latin alphabet No. 1). See Table C.12-2.

*Item: Amend PS 3.3 Table C.12-2:*

**Table C.12-2**

Character Set Description	Defined Term	ISO registration number	Number of characters	Code element	Character Set
Default repertoire	none	ISO-IR 6	94	G0	ISO 646
Latin alphabet No. 1	ISO_IR 100	ISO-IR 100	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Latin alphabet No. 2	ISO_IR 101	ISO-IR 101	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Latin alphabet No. 3	ISO_IR 109	ISO-IR 109	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Latin alphabet No. 4	ISO_IR 110	ISO-IR 110	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Cyrillic	ISO_IR 144	ISO-IR 144	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Arabic	ISO_IR 127	ISO-IR 127	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Greek	ISO_IR 126	ISO-IR 126	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Hebrew	ISO_IR 138	ISO-IR 138	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Latin alphabet No. 5	ISO_IR 148	ISO-IR 148	96	G1	<b><u>Supplementary set of ISO 8859</u></b>
		ISO-IR 6	94	G0	
Japanese	ISO_IR 13	ISO-IR 13	94	G1	JIS X 0201: Katakana
		ISO-IR 14	94	G0	JIS X 0201: Romaji

*Item: Amend PS 3.3 Table C.12-2:*

Table C.12-3

Character Set Description	Defined Term	Standard for Code Extension	ESC sequence	ISO registration number	Number of characters	Code element	Character Set
Default repertoire	ISO 2022 IR 6	ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	ISO 646
Latin alphabet No. 1	ISO 2022 IR 100	ISO 2022	ESC 02/13 04/01	ISO-IR 100	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Latin alphabet No. 2	ISO 2022 IR 101	ISO 2022	ESC 02/13 04/02	ISO-IR 101	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Latin alphabet No. 3	ISO 2022 IR 109	ISO 2022	ESC 02/13 04/03	ISO-IR 109	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Latin alphabet No. 4	ISO 2022 IR 110	ISO 2022	ESC 02/13 04/04	ISO-IR 110	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Cyrillic	ISO 2022 IR 144	ISO 2022	ESC 02/13 04/12	ISO-IR 144	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Arabic	ISO 2022 IR 127	ISO 2022	ESC 02/13 04/07	ISO-IR 127	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Greek	ISO 2022 IR 126	ISO 2022	ESC 02/13 04/06	ISO-IR 126	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Hebrew	ISO 2022 IR 138	ISO 2022	ESC 02/13 04/08	ISO-IR 138	96	G1	<b>Supplementary set of ISO 8859</b>

		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Latin alphabet No. 5	ISO 2022 IR 148	ISO 2022	ESC 02/13 04/13	ISO-IR 148	96	G1	<b>Supplementary set of ISO 8859</b>
		ISO 2022	ESC 02/08 04/02	ISO-IR 6	94	G0	
Japanese	ISO 2022 IR 13	ISO 2022	<b>ESC 02/09 04/09</b>	ISO-IR 13	94	G1	JIS X 0201: Katakana
		ISO 2022	ESC 02/08 04/10	ISO-IR 14	94	G0	JIS X 0201- <del>1976</del> : Romaji