

DICOM Correction Proposal Form

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Correction Number		CP-90	
Log Summary: Retire Overlay LUTs			
Type of Modification: Retirement		Name of Standard PS 3.3	
Rationale for Correction: The description of the overlay LUTs is not complete. Important text from ACR-NEMA V2.0 was lost. However, at best, these LUTs are not really adequate. They should be retired. In the case of grayscale display for printers, the needed function is provided in the image overlay box presentation module C.13.10. Soft display can be addressed in a similar manner when a service class is written.			
Sections of document affected: See each section below			
Correction Wording: See below.			

4 **PS 3.3 Add the following to C.9.2**

6 Attributes describing display of grayscale and color overlays were defined in a previous version of the DICOM Standard. These have now been retired and have been moved to Annex I.x

PS 3.3 Remove from Table C.9-2

Overlay Descriptor - Gray	(60xx,1100)	3	The number of bits in each entry of (60xx,1200)
Overlay Descriptor - Red	(60xx,1101)	3	The number of bits in each entry of (60xx,1201)
Overlay Descriptor - Green	(60xx,1102)	3	The number of bits in each entry of (60xx,1202)
Overlay Descriptor - Blue	(60xx,1103)	3	The number of bits in each entry of (60xx,1203)
Overlays- Gray	(60xx,1200)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.
Overlays - Red	(60xx,1201)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.
Overlays - Green	(60xx,1202)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.
Overlays- Blue	(60xx,1203)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.

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PS 3.3 Add Section I.x

Supplement P -- Print Service Class Clarification --1

I.x Retired Overlay Plane Module Attributes

2 The following Attributes have been retired from Table C.9-2 Overlay Plane Module Attributes.

Attribute Name	Tag	Type	Attribute Description
Overlay Descriptor - Gray	(60xx,1100)	3	The number of bits in each entry of (60xx,1200)
Overlay Descriptor - Red	(60xx,1101)	3	The number of bits in each entry of (60xx,1201)
Overlay Descriptor - Green	(60xx,1102)	3	The number of bits in each entry of (60xx,1202)
Overlay Descriptor - Blue	(60xx,1103)	3	The number of bits in each entry of (60xx,1203)
Overlays- Gray	(60xx,1200)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.
Overlays - Red	(60xx,1201)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.
Overlays - Green	(60xx,1202)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.
Overlays- Blue	(60xx,1203)	3	Overlay bits. A value of 1 indicted that the pixel is part of the overlay plane.

4 **PS 3.6**

Mark the above Attributes Retired in Section 6.