DICOM Change Proposal Form - Final Text

Tracking Information - Administrator Use Only	
Change Proposal Number	CP-15
STATUS	voting-1, approved
Date of Last Update	12/14/94
Person Assigned	G. Claeys

Log Summary: Clarification of LUT data encoding and correction of publication errors	
Submitter Name G. Claeys	Submission date March 15, 1994
Type of Modification Inconsistency, errata	
Name of Document PS 3.3. 1993	Version Number
Rationale for change LUT data encoding is inconsistently defined	
Sections of document affected Section C.11.	

Suggested Wording of change

Section C.11.1.1.1 last paragraph states

"The third value specifies the number of bits for each entry in the LUT Data. It shall take the value 8 or 16. The LUT Data shall be stored in a format equivalent to 8 or 16 bits allocated and high bit equal 1-bits allocated."

and shall be replaced by

"The third value conveys the range of LUT entry values. It shall take the value 8 or 16, corresponding with the LUT entry value range of 256 or 65536.

> Note : the third value is not required for describing the LUT data and is only included for informational usage and for maintaining compatibility with ACR-NEMA 2.0.

The LUT Data contains the LUT entry values."

Table C.11-1 - row 6

Remove the sentence "If padding is required to complete a full word, the padding value shall be 0."

Table C.11-1 - row 9

Replace

"Specifies the output values of Rescale Slope (0028 (0028"
by

"Specifies the output units of Rescale Slope (0028,1053) and Rescale Intercept (0028,1052). Required if Rescale Intercept is present."

Table C.11-2 - row 6

Remove the sentence "If padding is required to complete a full word, the padding value shall be 0."