

## DICOM Correction Proposal

STATUS	Letter Ballot
Date of Last Update	2016/01/18
Person Assigned	Jim Philbin
Submitter Name	Harry Solomon
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Correction Number	CP-1537
Log Summary: Specify STOW error codes in decimal	
Name of Standard PS3.18	
Rationale for Correction: The attributes Failure Reason (0008,1197) and Warning Reason (0008,1196) in the STOW-RS response have VR US, and defined values are specified in hexadecimal. However, the representation of US in the response is as a decimal string. For the benefit of implementers, a translation of the hex to decimal would be useful.	
Correction Wording:	

### 6.6.1.3.2.1.1 Warning Reason

For the following semantics the associated value shall be used for the Warning Reason (0008,1196):

Status Code (hexadecimal)	Status Code (decimal)	Meaning	Explanation
B000	<u>45056</u>	Coercion of Data Elements	The STOW-RS Service modified one or more data elements during storage of the instance. See Section 6.6.1.3
B006	<u>45062</u>	Elements Discarded	The STOW-RS Service discarded some data elements during storage of the instance. See Section 6.6.1.3
B007	<u>45063</u>	Data Set does not match SOP Class	The STOW-RS Service observed that the Data Set did not match the constraints of the SOP Class during storage of the instance.

Additional codes may be used for the Warning Reason (0008,1196) to address the semantics of other issues.

In the event that multiple codes may apply, the single most appropriate code shall be used.

### 6.6.1.3.2.1.2 Failure Reason

For the following semantics the associated value shall be used for the Failure Reason (0008,1197). Implementation specific warning and error codes shall be defined in the conformance statement:

Status Code (hexadecimal)	Status Code (decimal)	Meaning	Explanation
A7xx	<u>42752 - 43007</u>	Refused out of Resources	The STOW-RS Service did not store the instance because it was out of resources

<b>A9xx</b>	<b><u>43264 - 43519</u></b>	<b>Error: Data Set does not match SOP Class</b>	The STOW-RS Service did not store the instance because the instance does not conform to its specified SOP Class
<b>Cxxx</b>	<b><u>49152 - 53247</u></b>	<b>Error: Cannot understand</b>	The STOW-RS Service did not store the instance because it cannot understand certain Data Elements
<b>C122</b>	<b><u>49442</u></b>	<b>Referenced Transfer Syntax not supported</b>	The STOW-RS Service did not store the instance because it does not support the requested Transfer Syntax for the instance.
<b>0110</b>	<b><u>272</u></b>	<b>Processing failure</b>	The STOW-RS Service did not store the instance because of a general failure in processing the operation.
<b>0122</b>	<b><u>290</u></b>	<b>Referenced SOP Class not supported</b>	The STOW-RS Service did not store the instance because it does not support the requested SOP Class

Additional codes may be used for the Failure Reason (0008,1197) to address the semantics of other issues.

In the event that multiple codes may apply, the single most appropriate code shall be used.