DICOM Correction Proposal

STATUS	Final Text
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Correction Number	CP-2348
Log Summary: Replace the terms 'Operations Statement' and 'Notifications Statement'	
Name of Standard PS3.4 2024a	
Rationale for Correction: There are 11 occurrences of the term "Operations Statement" and 10 occurrences of the term "Notifications Statement" in PS3.4. These terms should be Conformance Statement instead, as DICOM doesn't know about Operations and Notifications Statements.	
Correction Wording:	

Adapt text in B.4.4.2

B.4.4.2 Specialized Information Object Definition

The Standard SOP Class may be specialized by supporting additional private Attributes. The **Conformance** ~~SCU Operations~~ Statement shall describe these specializations and **shall** be formatted as defined in PS3.2. ~~Following this statement shall be the list of Attributes that may be sent or stored with SOP Instances.~~

Adapt text in F.8.4

F.8.4 Conformance Requirements

Implementations providing conformance to the Modality Performed Procedure Step Retrieve SOP Class shall be conformant as described in the following sections and shall include within their Conformance Statement information as described below.

An implementation may conform to this SOP Class as an SCU or as an SCP. The Conformance Statement shall be in the format defined in PS3.2.

F.8.4.1 SCU Conformance

An implementation that is conformant to this SOP Class as an SCU shall meet conformance requirements for the operations that it invokes.

F.8.4.1.1 Operations

Any Attributes for which Attribute Values may be requested (using the N-GET Service) by the SCU shall be enumerated in the **Conformance** ~~SCU Operations~~ Statement. The **Conformance** ~~SCU Operations~~ Statement shall be in the format defined in PS3.2.

F.8.4.2 SCP Conformance

An implementation that is conformant to this SOP Class as an SCP shall meet conformance requirements for the operations that it performs.

F.8.4.2.1 Operations

Any Attributes for which Attribute Values may be requested (using the N-GET Service) by the SCU shall be enumerated in the **Conformance** ~~SCP Operations~~ Statement. The **Conformance** ~~SCP Operations~~ Statement shall be in the format defined in PS3.2.

Adapt text in F.9.4

F.9.4.1.1 Notifications

All standard event types for which notifications may be requested by the SCU shall be enumerated in the **Conformance** ~~SCU Notifications~~ Statement. The **Conformance** ~~SCU Notifications~~ Statement shall include an enumerated list of the event types supported:

F.9.4.2.1 Notifications

Any optional Attributes that may be included in Standard notifications to the SCU shall be enumerated in the **Conformance** ~~SCP Notifications~~ Statement. The **Conformance** ~~SCP Notifications~~ Statement shall be formatted as defined in PS3.2. Following this statement shall be the list of event types and optional Attributes.

Adapt text in J.3.6

J.3.6 Conformance Requirements

Implementations claiming Standard SOP Class Conformance to the Storage Commitment Push Model SOP Class shall be conformant as described in this Section and shall include within their Conformance Statement information as described in this Section and sub- Sections.

An implementation may claim conformance to this SOP Class as an SCU, SCP or both. The Conformance Statement shall be in the format defined in PS3.2.

J.3.6.1 SCU Conformance

An implementation that is conformant to this SOP Class as an SCU shall meet conformance requirements for

- the operations and actions that it invokes

- the notifications that it receives.

The mechanisms used by the SCU to transfer SOP Instances to the SCP shall be documented.

J.3.6.1.1 Operations

The SCU shall document in the **Conformance** ~~SCU Operations~~ Statement the actions and behavior that cause the SCU to generate an N-ACTION primitive (Storage Commitment Request).

The SCU shall specify the SOP Class UIDs for which it may request storage commitment.

The SCU shall specify the duration of applicability of the Transaction UID. This may be specified as a time limit or a policy that defines the end of a transaction (e.g., how long will the SCU wait for a N-EVENT-REPORT).

The SCU shall specify if it supports the optional Storage Media File-Set ID & UID Attributes in the N-ACTION. If these Attributes are supported, the SCU shall also specify which Storage Media Application Profiles are supported.

The **Conformance** ~~SCU Operations~~ Statement shall be formatted as defined in PS3.2.

J.3.6.1.2 Notifications.

The SCU shall document in the **Conformance** ~~SCU Notifications~~ Statement the behavior and actions taken by the SCU upon receiving an N-EVENT- REPORT primitive (Storage Commitment Result).

The SCU shall specify the behavior and actions performed when a success status is received (i.e., if and when local SOP Instances copies are deleted).

The SCU shall specify the behavior and actions performed when a failure status is received (i.e., recovery mechanisms, etc.).

The **Conformance** ~~SCU Notifications~~ Statement shall be formatted as defined in PS3.2.

J.3.6.2 SCP Conformance.

An implementation that is conformant to this SOP Class as an SCP shall meet conformance requirements for

- the operations and actions that it performs

- the notifications that it generates.

J.3.6.2.1 Operations

The SCP shall document in the **Conformance** ~~SCP Operations~~ Statement the behavior and actions of the SCP upon receiving the N-ACTION primitive (Storage Commitment Request).

The SCP shall specify parameters indicating the level of storage commitment, such as:

- under what conditions the SCP would delete SOP Instances

- persistence of storage

- capacity

- volatility

- other pertinent information

The SCP shall specify the mechanisms and characteristics of retrieval of stored SOP Instances, such as:

- supported query/retrieve services

- latency

- other pertinent information

The SCP shall specify if it supports the optional Storage Media File-Set ID & UID Attributes in the N-ACTION. If these Attributes are supported, the SCP shall also specify which Storage Media Application Profiles are supported.

The **Conformance** ~~SCP Operations~~ Statement shall be formatted as defined in PS3.2.

J.3.6.2.2 Notifications

The SCP shall document in the **Conformance** ~~SCP Notifications~~ Statement the behavior and actions that cause the SCP to generate an N-EVENT- REPORT primitive (Storage Commitment Result).

The SCP shall specify if it supports the optional Storage Media File-Set ID & UID Attributes in the N-EVENT-REPORT and describe the policies for how the Media is used. The SCP shall also specify which Storage Media Application Profiles are supported.

The SCP shall specify if it supports the optional Retrieve AE Title (0008,0054) Attribute in the N-EVENT-REPORT and describe the policies for how it is used.

The **Conformance** ~~SCP Notifications~~ Statement shall be formatted as defined in PS3.2.

Adapt text in KK.2.4

KK.2.4 Conformance

An implementation may claim conformance to this SOP Class as an SCU, SCP or both. The Conformance Statement shall be in the format defined in PS3.2.

KK.2.4.1 SCU Conformance

An implementation that is conformant to the Inventory Creation SOP Class as an SCU shall meet conformance requirements for:

- the operations and actions that it invokes,

- the notifications that it receives.

KK.2.4.1.1 Operations

The SCU shall document in the **Conformance** ~~SCU Operations~~ Statement:

- the behavior and actions that cause the SCU to generate an N-ACTION primitive (Initiate, Request Status, Cancel, Pause, or Resume),

- the behavior and actions taken by the SCU upon receiving an N-ACTION error status.

KK.2.4.1.2 Notifications

The SCU shall document in the **Conformance** ~~SCU Notifications~~ Statement:

- the behavior and actions taken by the SCU upon receiving an N-EVENT-REPORT primitive (Inventory Terminated with Instances, Inventory Status, or Inventory Terminated without Instances).

KK.2.4.2 SCP Conformance

An implementation that is conformant to the Inventory Creation SOP Class as an SCP shall meet conformance requirements for:

- the operations and actions that it performs,

- the notifications that it generates.

KK.2.4.2.1 Operations

The SCP shall document in the **Conformance** ~~SCP Operations~~ Statement:

- the behavior and actions of the SCP upon receiving an N-ACTION primitive (Initiate, Request Status, Cancel, Pause, or Resume).

- the range of values that it supports for the Requested Status Interval (0008,0414), and the default value for periodic reporting of status if that Attribute is not provided by the SCU

- character repertoires supported in Specific Character Set (0008,0005) in the Scope of Inventory Sequence (0008,0400)

- support for Extended Matching Mechanisms (0008,040F) in the Scope of Inventory Sequence (0008,0400)

- the values supported for Inventory Level (0008,0403)

- Key Attributes supported for matching in the Scope of Inventory Sequence (0008,0400)

Note

Conformance requirements for the SCP with respect to the created Inventory SOP Instances are detailed in Section GG.6.6.1.

KK.2.4.2.2 Notifications

The SCP shall document in the **Conformance** ~~SCP Notifications~~ Statement:

- the behavior and actions that cause the SCP to generate an N-EVENT-REPORT primitive (Inventory Terminated with Instances, Inventory Status, or Inventory Terminated without Instances), and in particular the conditions that cause a transition to the PAUSED or FAILURE processing status and the generation of the associated N-EVENT-REPORT.

- the supported access mechanisms to Inventory SOP Instances referenced in the Inventory Terminated with Instances Notification, including the specific non-DICOM protocols (if any) referenced in the File Access URI (0008,0409).