

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2016/01/19
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Correction Number	CP1510
Log Summary: Correct UPS-RS errors	
Name of Standard PS3.18 2015c	
Rationale for Correction: <ul style="list-style-type: none">• Error in UPS-RS RetrieveUPS section.• Incorrect WebSocket payload example.	
Correction Wording:	

Update PS 3.18 Section 6.9.4.2 Behavior as follows

5 6.9.4.2 Behavior

The Origin-Server shall return, via the HTTP/1.1 response, the indicated Unified Procedure Step Instance to the User-Agent.

Note: The requirement for the Origin-Server to respond to GET requests for UPS Instances that have moved to the COMPLETED or CANCELED state is limited. See Section CC.2.1.3 in PS3.4 .

- 10 The **Origin-Server User-Agent** shall not return the Transaction UID (0008,1195) Attribute. This is necessary to preserve this Attribute's role as an access lock.

The **Origin-Server User-Agent** shall return the HTTP/1.1 Response Status Code applicable to the associated request. A Failure Code shall indicate that the Origin-Server has not returned the SOP Instance.

- 15 *Update PS 3.18 Section 6.9.1.1.1 as follows:*

6.9.11.1.1 Request Message Body

WebSocket Events are encoded as WebSocket data frames with an opcode of "%x1" (text).

The frame payload data shall be a DICOM JSON dataset containing the attributes of the Event Report.

Note

- 20 1. Example WebSocket payload:

```
†
"00000002": [ "1.2.840.10008.5.1.4.34.6.4" ],
"00000100": [ 256 ],
"00000110": [ 23 ],
```

```

25  "00001000": [ "1.2.840.10008.5.1.4.34.6.4.2.3.44.22231" ],
    "00001001": [ 1 ],
    "00741238": [ "SCHEDULED" ],
    "00744041": [ "READY" ]
    †
30  { "00000002": { "vr" : "UI",
                  "value": [ "1.2.840.10008.5.1.4.34.6.4" ] },
    "00000100": { "vr" : "US",
                  "value": [ 256 ] },
35  "00000110": { "vr" : "US",
                  "value": [ 23 ] },
    "00000800": { "vr" : "US",
                  "value": [ 0 ] },
    "00001000": { "vr" : "UI",
                  "value": [ "1.2.840.10008.5.1.4.34.6.4.2.3.44.22231" ] },
40  "00001002": { "vr" : "US",
                  "value": [ 1 ] },
    "00741000": { "vr" : "CS",
                  "value": [ "SCHEDULED" ] },
45  "00404041": { "vr" : "CS",
                  "value": [ "READY" ] }
    }

```

2. The WebSocket protocol does not allow content negotiation so it is not possible to support both XML and JSON encoding of Event Report messages without extending the protocol.

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