Specification Information Note
WAP-167_103-ServiceInd-20010926-a
Version 26-Sep-2001

for

Wireless Application Protocol
WAP-167-ServiceInd-20010731-a
Service Indication
Version 31-Jul-2001

A list of errata and updates to this document is available from the WAP Forum™ Web site, http://www.wapforum.org/, in the form of SIN documents, which are subject to revision or removal without notice.

Contents

1. SCOPE .......................................................................................................................................................................4
2. NOTATION ...............................................................................................................................................................4
3. ERROR IN FIGURE ................................................................................................................................................5
   3.1 CHANGE CLASSIFICATION ...............................................................................................................................5
   3.2 CHANGE SUMMARY .............................................................................................................................................5
   3.3 CHANGE DESCRIPTION .........................................................................................................................................5
4. MINOR CLERICAL CORRECTION ...........................................................................................................................7
   4.1 CHANGE CLASSIFICATION ...............................................................................................................................7
   4.2 CHANGE SUMMARY .............................................................................................................................................7
   4.3 CHANGE DESCRIPTION .........................................................................................................................................7
5. SCR TABLE CORRECTIONS ......................................................................................................................................8
   5.1 CHANGE CLASSIFICATION ...............................................................................................................................8
   5.2 CHANGE SUMMARY .............................................................................................................................................8
   5.3 CHANGE DESCRIPTION .........................................................................................................................................8

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1. Scope

This document provides changes and corrections to the following document files:
- WAP-167-ServiceInd-20010731-a

It includes changes from the following change requests:
- CR-WAP-167-20010907-ERICSSON-1

2. Notation

In the subsections describing the changes new text is underlined. Removed text has strikethrough marks. The presented text is copied from the specification. Text that is not presented is not affected at all. The change descriptions may also include editor’s notes similar to the one below. The notes are not part of the actual changes and must not be included in the changed text.

**Editor's note:** Framed notes like these only clarify where and how the changes shall be applied.
3. Error in Figure

3.1 Change Classification

Class 2 – Bug Fixes

3.2 Change Summary

This change amends figure 2 where box 2 and 3 are not in line with the (normative) text below the figure with respect to handling of a received SI with a created attribute value equal to another SI's created attribute value.

3.3 Change Description

Editor's note: In section 6.2, replace figure 2 with the following one ("(or of the same age)" moved from box 3 to box 2):

```
Received SI

(1) Received SI is expired?
  Yes
  Discard received SI (or mark it as expired)
  No

(2) Received SI older (or of the same age) than other SI with identical si-id?
  Yes
  Discard received SI
  No

(3) Received SI newer than other SI with identical si-id?
  Yes
  Delete old SI
  No

(4) Received SI has action=signal-none?
  No
  Pay regard to the info element (optional)
  Yes
  Discard received SI

(5) Received SI has action=delete?
  No
  Present the SI to the end-user
  Yes
```
2. **Handling of out of order delivery**

   The `created` attribute is used to determine the age of the SI in order to resolve race conditions between SIs that arrive in an order different from the one in which the push initiator sent them. If the value of the `created` attribute in a received SI is older than, or identical to, this attribute value in any other SI with identical `si-id`, the received SI MUST be silently discarded.

   SIs are subject to this operation only if both criteria stated below are fulfilled:

   - the `created` attribute has an explicitly assigned value
   - the `si-id` attribute or the `href` attribute, or both, has an explicitly assigned value

3. **Replacement**

   The `created` attribute is used to determine the age of an SI, which combined with the value of the `si-id` attribute provides the information needed for replacement. A received SI containing an `si-id` identical to the `si-id` of any older SI MUST replace the old SI. If the received SI and another SI with identical `si-id` contain identical values for the `created` attribute, the received SI MUST be silently discarded.

   SIs are subject to this operation only if both criteria stated below are fulfilled:

   - the `created` attribute has an explicitly assigned value
   - the `si-id` attribute or the `href` attribute, or both, has an explicitly assigned value
4. **Minor clerical correction**

4.1 Change Classification

Class 3 – Clerical Corrections

4.2 Change Summary

Section 8.2.1.1 mentions "WML tokenisation" instead of "SI tokenisation".

4.3 Change Description

*Editor's note: Apply the following changes in section 8.2.1.1*

The `WML-SI` tokenisation process SHOULD validate that attribute values defined as `%DateTime`; follow the syntax defined in section 5.2.1.
5. SCR Table Corrections

5.1 Change Classification

Class 3 – Clerical Corrections

5.2 Change Summary

The following changes amends erroneous SCR entries and updates the reference to the "Specification of WAP Conformance Requirements" document.

5.3 Change Description

Editor's note: Apply the following changes in section 2.1


Editor's note: Apply the following changes in Appendix A.1.2

<table>
<thead>
<tr>
<th>SI-CSE-C-001</th>
<th>UTF-8 Encoding.</th>
<th>5.1</th>
<th>O</th>
<th>WML-C-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>SI-CSE-C-002</td>
<td>UTF-16 Encoding.</td>
<td>5.1</td>
<td>O</td>
<td>WML-C-02</td>
</tr>
<tr>
<td>SI-CSE-C-003</td>
<td>UCS-4 Encoding.</td>
<td>5.1</td>
<td>O</td>
<td>WML-C-03</td>
</tr>
<tr>
<td>SI-CSE-C-004</td>
<td>Other character encoding.</td>
<td>5.1</td>
<td>O</td>
<td>WML-C-04</td>
</tr>
</tbody>
</table>

Editor's note: Apply the following changes in Appendix A.2.2

| SI-VAL-S-003   | SI validation.                   | 8.2.1.1 | O | SI-DOC-S-001 |