

**3GPP TSG-CN Meeting #24  
02 – 04 June 2004, Seoul, KOREA**

**NP-040263**

**Source:** CN5 (OSA)  
**Title:** Rel-6 CR 29.198-01 OSA API Part 1: Overview (Correct Java Rulebook to introduce UI service naming rule)  
**Agenda item:** 9.7 (OSA Enhancements [\[OSA3\]](#))  
**Document for:** APPROVAL

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Doc-1st-	Spec	CR	Rev	Phase	Subject	Cat	Version	Doc-2nd-	Workite
NP-040263	29.198-01	030	-	Rel-6	Correct Java Rulebook to introduce UI service naming rule	F	6.0.1	N5-040055	OSA3

## CHANGE REQUEST

⌘ **29.198-01 CR 030** ⌘ rev **-** ⌘ Current version: **6.0.1** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** UICC apps  ME  Radio Access Network  Core Network

<b>Title:</b>	⌘ Correct Java Rulebook to introduce UI service naming rule		
<b>Source:</b>	⌘ CN5 AePONA – Eamonn Murray		
<b>Work item code:</b>	⌘ OSA3	<b>Date:</b>	⌘ 06/02/2004
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ <b>REL-6</b>
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

<b>Reason for change:</b>	⌘ The release 6 User Interaction service introduces additional UI Admin interfaces and functionality. The Java realisation rules require additional rules to cope with the UI modifications and to prevent naming collisions of methods and events
<b>Summary of change:</b>	⌘ Modify service specific rules in J2SE Java realisation for UI service
<b>Consequences if not approved:</b>	⌘ Existing Java rules cannot cope with Rel 6 UI service without a significant repackaging of the classes in UML

<b>Clauses affected:</b>	⌘ C 4.12						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
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	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td style="width: 20px;"><input type="checkbox"/></td> </tr> </table> O&M Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
<b>Other comments:</b>	⌘						

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

\*\*\*\*\* Start of Change # 1 \*\*\*\*\*

## C.4.12 User Interaction Specific Rules

### C.4.12.1 Interfaces representing UML IpUI and IpUICall Rule

The following mappings take account of the fact that when the TpAssignmentID rule is applied the Java interfaces representing UML IpUICall does not extend the Java interfaces representing UML IpUI.

Java UIGeneric replaces the UML IpUI. Methods common to both the Java UIGeneric and Java UICall are pulled up into a super-interface called UI. UML IpAppUI and IpAppUiCall interfaces are replaced by a UListener interface.

### C.4.12.2 Naming Collisions of ~~GUI and GUI Activities~~ IpUI and IpUICall Rule

Naming collisions that arise through ~~GUI-IPUI~~ and ~~GUI-IPUICall~~ ~~activities-methods~~ e.g. XXX, having the same name will be dealt with by prefixing the Call Related UI activities by “CallRelated”. Methods to create the activity will become createCallRelatedXXX()and events will become CallRelatedXXXEvent.

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### C.4.12.3 Naming Collisions of IpUICall and IpUIAdminManager Rule

Naming collisions that arise through IpUICall and IpUIAdminManager methods,e.g. XXX, having the same name will be dealt with by prefixing the UI Admin activities by “AdminRelated”. Methods to create the activity will become createAdminRelatedXXX() and events will become AdminRelatedXXXEvent.

\*\*\*\*\* End of Change # 1 \*\*\*\*\*