

**Source:** SA5 (Telecom Management)  
**Title:** CR 32302-3-4 CM Notification IRP, 32323 Test management IRP  
CORBA SS  
**Document for:** Approval  
**Agenda Item:** 7.5.3

Doc-1st-Level	Spec	CR	R	Phase	Subject	Ca	VerCr	Doc-2nd-Level	Workitem
SP-050035	32.302	008	--	Rel-6	Apply Generic System Context	F	6.1.0	S5-056031	OAM-NIM
SP-050035	32.303	014	--	Rel-6	Generic System Context, update of reference to IS specification	F	6.2.0	S5-056073	OAM-NIM
SP-050035	32.304	009	--	Rel-6	Generic System Context, update of reference to IS specification	F	6.0.0	S5-056074	OAM-NIM
SP-050035	32.323	003	--	Rel-6	IDL incompliant to the style guide	F	6.1.0	S5-056065	OAM-NIM

**3GPP TSG-SA5 (Telecom Management)  
Meeting #41, Lisbon, PORTUGAL, 24-28 January 2005**

**S5-056031**

CR-Form-v7

**CHANGE REQUEST**

⌘ **32.302 CR 008** ⌘ rev **-** ⌘ Current version: **6.1.0** ⌘

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>	⌘ Apply Generic System Context	
<b>Source:</b>	⌘ SA5 (Ericsson, <a href="mailto:thomas.tovinger@ericsson.com">thomas.tovinger@ericsson.com</a> )	
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b> ⌘ 28/1/2005
<b>Category:</b>	⌘ <b>F</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> .	<b>Release:</b> ⌘ Rel-6 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>	⌘ Today we have redundant, time-consuming and error prone duplication of the same text for the System Context in all Interface IRPs.
<b>Summary of change:</b>	⌘ Align the title of subclause 4.1 with other Interface IRPs and modify the text of 4.1 with a generic text, referring to the new common definition in 32.150 for the System Context for all Interface IRPs, but keep the diagrams for readability.
<b>Consequences if not approved:</b>	⌘ Redundant, time-consuming and error prone duplication of the same text for the System Context in all Interface IRPs.

<b>Clauses affected:</b>	⌘ 2, 4.									
<b>Other specs affected:</b>	<table border="1"> <tr> <td><b>Y</b></td> <td><b>N</b></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table>	<b>Y</b>	<b>N</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘ Other core specifications ⌘ Test specifications ⌘ O&M Specifications
<b>Y</b>	<b>N</b>									
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<b>Other comments:</b>	⌘									

## Change in Clause 2

## 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

...

[11] 3GPP TS 32.311: "Telecommunication management; Generic Integration Reference Point (IRP) management: Requirements".

[12] [3GPP TS 32.150: "Telecommunication management; Integration Reference Point \(IRP\) Concept and definitions"](#).

## End of Change in Clause 2

## Change in Clause 4

## 4 System overview

### 4.1 System ~~C~~ontext ~~for Notification~~

[The general definition of the System Context for the present IRP is found in 3GPP TS 32.150 \[12\] subclause 4.7.](#)

[In addition, the set of related IRP\(s\) relevant to the present IRP is shown in the two diagrams below. ~~Figure 1 and figure 2 identify System contexts of Notification IRP in terms of implementations called IRPAgent and IRPManager.~~](#)

~~"IRPManager" depicts a process that interacts with IRPAgent for the purpose of receiving network Notifications via this IRP. IRPAgent detects network events. IRPAgent sends IRPManagers notifications carrying the events. Examples of IRPManagers can be a process running supporting network Notification logging device or supporting network Notification viewing devices (such as a local craft terminal) or a process running within a Network Manager (NM) as shown in figure 1 and figure 2. IRPAgent implements and supports this IRP. IRPAgent can run within one Element Manager (EM) with one or more NEs (see figure 1) or run within one NE (see figure 2). In the former case, the interfaces (represented by a thick dotted line) between the EM and the NEs are not subject of this IRP. Whether EM and NE share the same hardware system is not relevant to this IRP either. By observing the interaction across the IRP, one cannot deduce if EM and NE are integrated in a single system or if they run in separate systems.~~

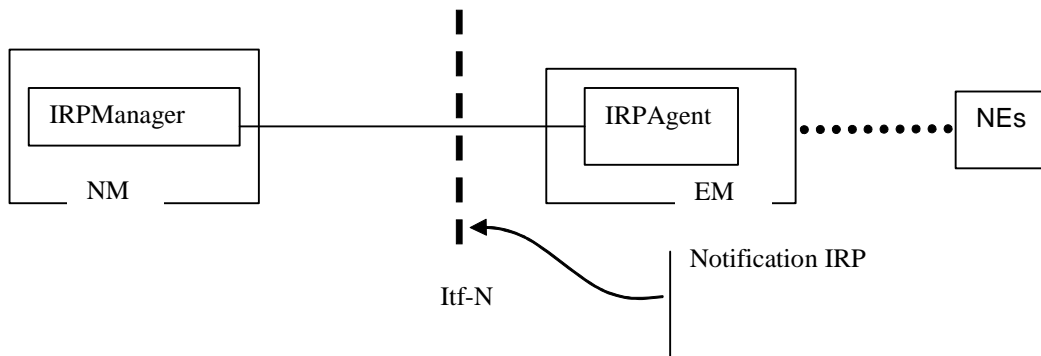


Figure 1: System Context A

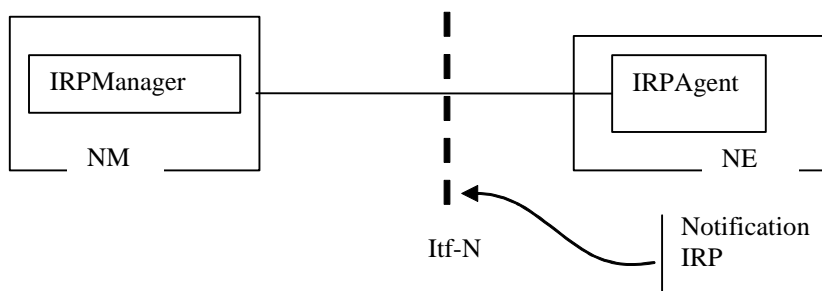


Figure 2: System Context B

**Change in Clause 4  
End of document**

Annex A (informative):  
Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Mar 2004	S_23	SP-040118	005	--	Update Ntf IRP IS using new Template and UML Repertoire	5.1.0	6.0.0
Dec 2004	S_26	SP-040793	007	--	Add missing rules on how to construct the string NotificationCategory	6.0.0	6.1.0

## CHANGE REQUEST

⌘ **32.323 CR 003** ⌘ rev **-** ⌘ Current version: **6.1.0** ⌘

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>	⌘ IDL incompliant to the style guide		
<b>Source:</b>	⌘ SA5 (huangsq@zte.com.cn)		
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b>	⌘ 28/01/2005
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-6
	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) Rel-7 (Release 7)

<b>Reason for change:</b>	⌘ The IDL does not reflect the format recommended by the style guide (TS 32.150).
<b>Summary of change:</b>	⌘ Add double slash between " #endif " and the macro.
<b>Consequences if not approved:</b>	⌘ The IDL won't conform to the styleguide, and will compile errors when using java compilers ( e.g., idlj.exe).

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

## Annex A (normative): IDL specifications

### A.1 IDL specification (file name "TestManagementIRPConstDefs.idl")

```
// File: TestManagementIRPConstDefs.idl

#ifndef _TESTMANAGEMENTIRPCONSTDEFS_IDL_
#define _TESTMANAGEMENTIRPCONSTDEFS_IDL_

#include "CosNotification.idl"
#include "ManagedGenericIRPConstDefs.idl"

// This statement must appear after all include statements
#pragma prefix "3gppsa5.org"

/* ## Module: TestManagementIRPConstDefs
This module contains commonly used definitions for Test Management IRP
=====
*/
module TestManagementIRPConstDefs
{
    /*
    This defines the notification type of this Test Management
    IRP.
    */
    const string NOTIFY_TM_TEST_RESULT = "x1";

    /*
    This enum defines the test state
    */
    enum TestStateType {
        NotInitialized,
        Idle,
        Initializing,
        Testing,
        Terminating,
        Disabled
    };

    /*
    This enum defines the test outcome
    */
    enum TestOutcomeType {
        Inconclusive,
        Pass,
        Fail,
        TimeOut,
        PrematureTermination
    };

    /*
    This block defines notification attributes of this IRP.
    These attribute values should not clash with those used
    in Notification header (see IDL of Notification IRP).
    */
    interface AttributeNameValue
    {
        const string TEST_INVOCATION_INITIATOR = "f";
        const string TEST_INVOCATION_ID = "g";
        const string TEST_ACTUAL_START_TIME = "h";
        const string TEST_ACTUAL_STOP_TIME = "i";
        const string TEST_OUTCOME = "j";
        const string MORT = "k";
    };
};
```

```

const string PROPOSED_REPAIR_ACTIONS = "l";
const string ADDITIONAL_INFORMATION = "m";
const string FILE_REFERENCE = "n";
const string FILE_EXPIRY_DATE = "o";
};

typedef string TestInvocationInitiator;
typedef string ToBeMonitoredTO;

typedef CosNotification::PropertySeq NVPairs;

/*
Define a seq of to-be-initiated-test
*/
struct ToBeInitiatedTest
{
    unsigned long max_testing_state_duration;//seconds;0->no limit
    string toBeTestedMORT; //MORT DN
    string tOClass; //Tester object class
    string tODN; //Tester object DN
    NVPairs tONVPair; //Tester object attributes in NV pairs
};
typedef sequence <ToBeInitiatedTest> ToBeInitiatedTestSeq;

/*
Define the structure returned by initiate_tests
*/
struct InitiateTestsResponseElement
{
    // If failureReason is NULL, the test is initiated successfully and
    // testInvocationId contains the invocation id. In case the tester object name is not
    // provided in the request, it shall be carried by testerObjectDN. In case the tester
    // object name is provided in the request tODN shall be NULL.
    // Else, the test initiation fails and failureReason contains
    // the failure reason and testInvocationId contains garbage.
    string failureReason;
    string testInvocationId;
    string tODN;
};
typedef sequence <InitiateTestsResponseElement> InitiateTestsResponse;

/*
Define a seq of to-be-terminated-test
*/
typedef string TestInvocationId;
typedef sequence <TestInvocationId> ToBeTerminatedTestSeq;

/*
Define the structure returned by terminate_tests
*/
struct TerminateTestsResponseElement
{
    // If failureReason is NULL, the test has terminated successfully and
    // testInvocationId identifies the terminated invocation.
    // Else, the test termination fails and failureReason contains
    // the failure reason and testInvocationId contains garbage.
    string failureReason;
    string testInvocationId;
};
typedef sequence <TerminateTestsResponseElement> TerminateTestsResponse;

/*
Define the structure of a TOAttributes.
*/
struct TOAttributes
{
    TestStateType testState;
    TestOutcomeType testOutcome;
    NVPairs attributesInNVPairs;
};
};
#endif //__TESTMANAGEMENTIRPCONSTDEFS_IDL_

```

---

## A.2 IDL specification (file name "TestManagementIRPSystem.idl")

```
// File: TestManagementIRPSystem.idl

#ifndef _TESTMANAGEMENTIRPSYSTEM_IDL_
#define _TESTMANAGEMENTIRPSYSTEM_IDL_

#include "TestManagementIRPConstDefs.idl"
#include "ManagedGenericIRPSystem.idl"

// This statement must appear after all include statements
#pragma prefix "3gppsa5.org"

/* ## Module: TestManagementIRPSystem
This module contains the specification of all methods of TestManagement IRP Agent.
=====
*/
module TestManagementIRPSystem
{
    /*
    System may fail to complete an operation. System can provide reason
    to qualify the failed reason. The semantics carried in reason
    is outside the scope of this IRP.
    */
    exception GetTestManagementIRPVersions { string reason; };
    exception GetTestManagementIRPOperationsProfile { string reason; };
    exception GetTestManagementIRPNotificationProfile { string reason; };
    exception InitiateTests { string reason; };
    exception TerminateTests { string reason; };
    exception MonitorTest { string reason; };

    interface TestManagementIRP
    {
        /*
        Return the list of all supported TestManagement IRP versions.
        */
        ManagedGenericIRPConstDefs::VersionNumberSet
        get_Test_Management_IRP_versions (
        )
        raises (GetTestManagementIRPVersions);

        /*
        Return the list of all supported operations and their supported
        parameters for a specific TestManagement IRP version.
        */
        ManagedGenericIRPConstDefs::MethodList
        get_Test_Management_IRP_operations_profile (
            in ManagedGenericIRPConstDefs::VersionNumber
            test_management_irp_version
        )
        raises (GetTestManagementIRPOperationsProfile,
            ManagedGenericIRPSystem::OperationNotSupported,
            ManagedGenericIRPSystem::InvalidParameter);

        /*
        Return the list of all supported notifications and their supported
        parameters for a specific TestManagement IRP version.
        */
        ManagedGenericIRPConstDefs::MethodList
        get_Test_Management_IRP_notification_profile (
            in ManagedGenericIRPConstDefs::VersionNumber
            test_management_irp_version
        )
        raises (GetTestManagementIRPNotificationProfile,
            ManagedGenericIRPSystem::OperationNotSupported,
            ManagedGenericIRPSystem::InvalidParameter);
    }
}

```



```

/*
Request to initiate tests.
*/
TestManagementIRPConstDefs::InitiateTestsResponse
initiate_tests (
    in TestManagementIRPConstDefs::TestInvocationInitiator
        test_invocation_initiator,
    in TestManagementIRPConstDefs::ToBeInitiatedTestSeq
        to_be_initiated_test_seq
)
raises (InitiateTests,
        ManagedGenericIRPSystem::InvalidParameter);

/*
Request to terminate tests.
*/
TestManagementIRPConstDefs::TerminateTestsResponse
terminate_tests (
    in TestManagementIRPConstDefs::ToBeTerminatedTestSeq
        to_be_terminated_test_seq
)
raises (TerminateTests,
        ManagedGenericIRPSystem::InvalidParameter);

/*
Request test info (to monitor a test).
*/
ManagedGenericIRPConstDefs::Signal monitor_test (
    in TestManagementIRPConstDefs::ToBeMonitoredTO
        to_be_monitored_TO,
    out TestManagementIRPConstDefs::TOAttributes to_attributes
)
raises (MonitorTest,
        ManagedGenericIRPSystem::InvalidParameter);

};
};
#endif __TESTMANAGEMENTIRPSYSTEM_IDL__

```

---

## A.3 IDL specification (file name "TestManagementIRPNotifications.idl")

```

// File: TestManagementIRPNotifications.idl

#ifndef _TESTMANAGEMENTIRPNOTIFICATIONS_IDL
#define _TESTMANAGEMENTIRPNOTIFICATIONS_IDL

#include "TestManagementIRPConstDefs.idl"
#include "NotificationIRPConstDefs.idl"
#include "NotificationIRPNotifications.idl"

// This statement must appear after all include statements
#pragma prefix "3gppsa5.org"

/* ## Module: TestManagementIRPNotifications
This module contains the specification of all notifications of Test Management IRP Agent.
=====
*/

module TestManagementIRPNotificationsfDefs
{
    /**
    * Constant definitions for the notifyTestResult notification
    */
    interface notifyTestResult: NotificationIRPNotifications::Notify
    {

```

```

const string EVENT_TYPE = "notifyTestResult";

/**
 * This constant defines the name of the period property,
 * which is transported in the remaining_body fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs:: TestInvocationInitiator.
 */
const string TEST_INVOCATION_INITIATOR =
    TestManagementIRPConstDefs::AttributeNameValue::TEST_INVOCATION_INITIATOR;

/**
 * This constant defines the name of the
 * TestInvocationId property,
 * which is transported in the remaining body
 * fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs:: TestInvocationId.
 */
const string TEST_INVOCATION_ID =
    TestManagementIRPConstDefs::AttributeNameValue::TEST_INVOCATION_ID;

/**
 * This constant defines the name of the
 * TestActualStartTime property,
 * which is transported in the remaining_body
 * fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs:: TestActualStartTime.
 */
const string TEST_ACTUAL_START_TIME =
    TestManagementIRPConstDefs::AttributeNameValue::TEST_ACTUAL_START_TIME;

/**
 * This constant defines the name of the
 * TestActualStopTime property,
 * which is transported in the remaining_body
 * fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs:: TestActualStopTime.
 */
const string TEST_ACTUAL_STOP_TIME =
    TestManagementIRPConstDefs::AttributeNameValue::TEST_ACTUAL_STOP_TIME;

/**
 * This constant defines the name of the
 * testOutcome property,
 * which is transported in the remaining_body
 * fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs:: testOutcome.
 */
const string TEST_OUTCOME = TestManagementIRPConstDefs::AttributeNameValue::TEST_OUTCOME;

/**
 * This constant defines the name of the
 * MORT property,
 * which is transported in the remaining_body
 * fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs::MORT.
 */
const string MORT = TestManagementIRPConstDefs::AttributeNameValue::MORT;

/**
 * This constant defines the name of the
 * ProposedRepairActions property,
 * which is transported in the remaining_body
 * fields.
 * The data type for the value of this property
 * is TestManagementIRPConstDefs::ProposedRepairActions.
 */
const string PROPOSED_REPAIR_ACTIONS =
    TestManagementIRPConstDefs::AttributeNameValue::PROPOSED_REPAIR_ACTIONS;

/**
 * This constant defines the name of the
 * AdditionalInformation property,

```

```

* which is transported in the remaining_body
* fields.
* The data type for the value of this property
* is TestManagementIRPConstDefs:: AdditionalInformation.
*/
const string ADDITIONAL_INFORMATION =
    TestManagementIRPConstDefs::AttributeNameValue::ADDITIONAL_INFORMATION;

/*
* This constant defines the name of the
* FileReference property,
* which is transported in the remaining_body
* fields.
* The data type for the value of this property
* is TestManagementIRPConstDefs:: FdditionalInformation.
*/
const string FILE_REFERENCE = TestManagementIRPConstDefs::AttributeNameValue::FILE_REFERENCE;

/*
* This constant defines the name of the
* FileExpiryDate property,
* which is transported in the remaining_body
* fields.
* The data type for the value of this property
* is TestManagementIRPConstDefs:: FileExpiryDate.
*/
const string FILE_EXPIRY_DATE =
    TestManagementIRPConstDefs::AttributeNameValue::FILE_EXPIRY_DATE;

};

};

#endif // _TESTMANAGEMENTIRPNOTIFICATIONS_IDL_

```

**End of change in Annex A**

## Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2002	S_16	SP-020328	--	--	Submitted to TSG SA #16 for Information	1.0.0	
Sep 2002	S_17	SP-020458	--	--	Submitted to TSG SA #17 for Approval	2.0.0	5.0.0
Dec 2002	--	--	--	--	Cosmetics	5.0.0	5.0.1
Jun 2004	S_24	SP-040243	001	--	Add missing parameter to the operation initiateTests	5.0.1	5.1.0
Sep 2004	S_25	SP-040541	--	--	Automatic upgrade to Rel- 6 (no CR) as per request in SP-040541 SA5_presentation_SA_25.ppt (slide 17)	5.1.0	6.0.0
Dec 2004	S_26	SP-040797	002	--	Align the IDL style innthe CORBA SS with the IDL Style Guide in 32.150	6.0.0	6.1.0

**3GPP TSG-SA5 (Telecom Management)  
Meeting #41, Lisbon, PORTUGAL, 24-28 January 2005**

**S5-056073**

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ <b>32.303 CR 014</b> ⌘ rev <b>-</b> ⌘ Current version: <b>6.2.0</b> ⌘

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>	⌘	Generic System Context, update of reference to IS specification
<b>Source:</b>	⌘	SA5 (Ericsson, <a href="mailto:thomas.tovinger@ericsson.com">thomas.tovinger@ericsson.com</a> )
<b>Work item code:</b>	⌘	OAM-NIM
	<b>Date:</b>	⌘ 28/1/2005
<b>Category:</b>	⌘	<b>F</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> .
	<b>Release:</b>	⌘ Rel-6
		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 Information Service (IS) for this IRP is being updated due to an approved CR (to introduce the Generic System Context).
<b>Summary of change:</b>	⌘	Update the reference in Scope to the new latest IS version.
<b>Consequences if not approved:</b>	⌘	Wrong reference in Scope to the IS version.

<b>Clauses affected:</b>	⌘	Scope				
<b>Other specs affected:</b>	⌘	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
<b>Other comments:</b>	⌘	This CR should only be approved if the corresponding CR on the IS to introduce the Generic System Context is approved (see the related CR collection document for an overview of all involved CR Tdoc numbers).				

## Change in Clause Scope

### 1 Scope

The present document specifies the Common Object Request Broker Architecture (CORBA) Solution Set (SS) for the IRP whose semantics is specified in Notification IRP: Information Service (3GPP TS 32.302 [5]).

This Solution Set specification is related to 3GPP TS 32.302 V6.2+.X.

## End of Change in Clause Scope

### Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2001	S_12	SP-010283	--	--	Approved at TSG SA #12 and placed under Change Control	2.0.0	4.0.0
Sep 2001	S_13	SP-010522	001	--	Eliminate guesses on IDL file names in Notification IRP: CORBA SS	4.0.0	4.1.0
Mar 2002	S_15	SP-020038	002	--	Addition of missing generic CORBA exception "ValueNotSupported" into CORBA module "ManagedGenericIRPSystem"	4.1.0	4.2.0
Mar 2002	S_15	--	--	--	Automatic upgrade to Rel-5 (no Rel-5 CR)	4.2.0	5.0.0
Sep 2002	S_17	SP-020482	004	--	Corrections to CORBA IDL specification "NotificationIRPSystem"	5.0.0	5.1.0
Sep 2002	S_17	SP-020479	005	--	Add optional parameters in CORBA Solution Set	5.0.0	5.1.0
Sep 2002	--	--	--	--	Corrected history box CR# & TS version#	5.1.0	5.1.1
Dec 2002	--	--	--	--	Cosmetics	5.1.1	5.1.2
Mar 2003	S_19	SP-030137	008	--	Remove unused suspend_subscription and resume_subscription methods	5.1.2	5.2.0
Mar 2003	S_19	SP-030137	009	--	Corrections of CORBA IDL syntax errors	5.1.2	5.2.0
Mar 2003	S_19	SP-030064	010	--	Update the usage IRP_VERSION in line with adopted release 5 policy - alignment with 32.111-3	5.1.2	5.2.0
Mar 2004	S_23	SP-040105	--	--	Automatic upgrade to Rel-6 (no CR)	5.2.0	6.0.0
Sep 2004	S_25	SP-040562	012	--	Update 32.303 using IDL Style Guide	6.0.0	6.1.0
Dec 2004	S_26	SP-040793	013	--	Remove filter requirement in IDL comments in the Notification IRP CORBA SS	6.1.0	6.2.0

## CHANGE REQUEST

⌘ **32.304 CR 009** ⌘ rev **-** ⌘ Current version: **6.0.0** ⌘

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>	⌘ Generic System Context, update of reference to IS specification		
<b>Source:</b>	⌘ SA5 (Ericsson, <a href="mailto:thomas.tovinger@ericsson.com">thomas.tovinger@ericsson.com</a> )		
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b>	⌘ 28/1/2005
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-6
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)		2 (GSM Phase 2)
	<b>A</b> (corresponds to a correction in an earlier release)		R96 (Release 1996)
	<b>B</b> (addition of feature),		R97 (Release 1997)
	<b>C</b> (functional modification of feature)		R98 (Release 1998)
	<b>D</b> (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

<b>Reason for change:</b>	⌘ The Information Service (IS) for this IRP is being updated due to an approved CR (to introduce the Generic System Context).
<b>Summary of change:</b>	⌘ Update the reference in Scope to the new latest IS version.
<b>Consequences if not approved:</b>	⌘ Wrong reference in Scope to the IS version.

<b>Clauses affected:</b>	⌘ Scope						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	⌘
	Y	N					
	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications	⌘				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications	⌘				
<b>Other comments:</b>	⌘ This CR should only be approved if the corresponding CR on the IS to introduce the Generic System Context is approved (see the related CR collection document for an overview of all involved CR Tdoc numbers).						

## Change in Clause Scope

### 1 Scope

The present document specifies the Common Management Information Protocol (CMIP) Solution Set (SS) for the Notification Integration Reference Point (IRP): Information Service defined in 3GPP TS 32.302 [3]. In detail:

- Clause 4 contains an introduction to some concepts that are the base for some specific aspects of the CMIP interfaces.
- Clause 5 contains the GDMO definitions for the Notification Management over the CMIP interfaces.
- Clause 6 contains the ASN.1 definitions supporting the GDMO definitions provided in clause 5.

This Solution Set specification is related to 3GPP TS 32.302 V6.20.X.

## End of Change in Clause Scope

### Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2001	S_12	SP-010283	--	--	Approved at TSG SA #12 and placed under Change Control	2.0.0	4.0.0
Sep 2001	S_13	SP-010471	001	--	SupportedNotificationCategory syntax	4.0.0	4.1.0
Sep 2001	S_13	SP-010471	002	--	Introduction of conditional packages	4.0.0	4.1.0
Sep 2001	S_13	SP-010471	003	--	OID modified according to TS 32.304 new number	4.0.0	4.1.0
Dec 2001	S_14	SP-010653	004	--	Maximize the reuse of ITU-T CMIP event report management functions	4.1.0	5.0.0
Mar 2002	S_15	SP-020031	006	--	Correction of errors in the GDMO and ASN.1 definitions	5.0.0	5.1.0
Jun 2002	S_16	SP-020290	007	--	Correction of erroneous notification header mapping table	5.1.0	5.2.0
Jun 2002	S_16	SP-020290	008	--	Introduction of SS (32.304) to IS (32.302) relation and correction of Foreword	5.1.0	5.2.0
Dec 2002	--	--	--	--	Cosmetics	5.2.0	5.2.1
Mar 2004	S_23	SP-040105	--	--	Automatic upgrade to Rel-6 (no CR)	5.2.1	6.0.0