
Source: SA5 (Telecom Management)
Title: 2 Rel-5 CRs 32.663 & 32.673 (CORBA solution sets of: Kernel Configuration Management & State Management IRP)
Document for: Approval
Agenda Item: 7.5.3

Doc-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Ver-Current	Doc-2nd-Level	Workitem
SP-030143	32.663	001	-	Rel-5	CORBA IDL Compiler Errors	F	5.0.0	S5-036325	OAM-NIM
SP-030143	32.673	001	-	Rel-5	CORBA IDL Compiler Errors, Invalid CORBA IDL Include Reference	F	5.0.0	S5-036326	OAM-NIM

CHANGE REQUEST

⌘ **32.663 CR 001** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

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

Title:	⌘ CORBA IDL Compiler Errors		
Source:	⌘ S5		
Work item code:	⌘ OAM-NIM	Date:	⌘ 28/02/2003
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		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)

Reason for change:	⌘ CORBA IDL Compilation Errors		
Summary of change:	⌘ <ul style="list-style-type: none"> • Added the following missing exceptions: GetKernelCMIRPNotificationProfileException, GetKernelCMIRPOperationProfileException and GetNRMIRPVersion. • Added the missing #include "ManagedGenericIRPSystem.idl" reference. 		
Consequences if not approved:	⌘ CORBA IDL will not compile.		

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

How to create CRs using this form:

Change in Clause Annex A

Annex A (normative): CORBA IDL, Access Protocol

```

#ifndef KernelCmIRPSystem_idl
#define KernelCmIRPSystem_idl

#include "ManagedGenericIRPConstDefs.idl"
#include "ManagedGenericIRPSystem.idl"

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

module KernelCmIRPSystem
{
    exception GetKernelCMIRPNotificationProfileException { string reason; };
    exception GetKernelCMIRPOperationProfileException { string reason; };
    exception GetNRMIRPVersion { string reason; };

    /**
     * The KernelCmIrpOperations interface.
     * Supports a number of Resource Model versions.
     */
    interface KernelCmIrpOperations
    {

        /**
         * Get the version(s) of the interface
         *
         * @raises GetNRMIRPVersion when the system for some reason
         *   can not return the supported versions.
         * @returns all supported versions.
         */
        void get_NRM_IRP_version
        (
            out ManagedGenericIRPConstDefs::VersionNumberSet versionNumberList,
            out ManagedGenericIRPConstDefs::VersionNumberSet vSEVersionNumberList
        )
        raises (GetNRMIRPVersion);

        /**
         * Return the list of all supported operations and their supported
         * parameters for a specific KernelCM IRP version.
         */
        ManagedGenericIRPConstDefs::MethodList get_kernel_CM_IRP_operation_profile
        (
            in ManagedGenericIRPConstDefs::VersionNumber kernel_CM_IRP_version
        )
        raises (GetKernelCMIRPOperationProfileException,
            ManagedGenericIRPSystem::OperationNotSupported,
            ManagedGenericIRPSystem::InvalidParameter);

        /**
         * Return the list of all supported notifications and their supported
         * parameters for a specific KernelCM IRP version.
         */
    }
}

```

```
ManagedGenericIRPConstDefs::MethodList
  get_kernel_CM_IRP_notification_profile
  (
    in ManagedGenericIRPConstDefs::VersionNumber kernel_CM_IRP_version
  )
  raises (GetKernelCMIRPNotificationProfileException,
         ManagedGenericIRPSystem::OperationNotSupported,
         ManagedGenericIRPSystem::InvalidParameter);
};
};
#endif
```

End of Change in Annex A End of Document

CHANGE REQUEST

⌘ **32.673 CR 001** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

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

Title:	⌘ CORBA IDL Compiler Errors, Invalid CORBA IDL Include Reference		
Source:	⌘ S5		
Work item code:	⌘ OAM-NIM	Date:	⌘ 28/02/2003
Category:	⌘ F	Release:	⌘ Rel-5
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	<i>Use <u>one</u> of the following releases:</i> 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)	

Reason for change:	⌘ CORBA IDL Compilation Errors		
Summary of change:	⌘ <ul style="list-style-type: none"> Remove blank in CORBA IDL header Replace underscore with a period. 		
Consequences if not approved:	⌘ CORBA IDL will not compile.		

Clauses affected:	⌘ Annex A.2						
Other specs affected:	<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"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	⌘						

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.

Change in Clause Annex A.2

A.2 IDL specification (file name "StateManagementIRPOptConstDefs.idl")

```

#ifndef StateManagementIRPOptConstDefs_idl
#define StateManagementIRPOptConstDefs_idl

#include "CosNotification.idl"
#include "ManagedGenericIRPConstDefs.idl"
#include "-StateManagementIRPConstDefs_-.idl"

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

/* ## Module: StateManagementIRPOptConstDefs
This module contains commonly used optional definitions for State Management IRP
=====
*/
module StateManagementIRPOptConstDefs
{

    /*
    Definition of Operational State based on X.721 [3], if optional.
    */
    union OperationalStateTypeOpt switch(boolean)
    {
        case TRUE: StateManagementIRPConstDefs::OperationalState
operational_state;
    };

    /*
    Definition of Usage State based on X.721 [3], if optional.
    */
    union UsageStateTypeOpt switch(boolean)
    {
        case TRUE: StateManagementIRPConstDefs::UsageState usage_state;
    };

    /*
    Definition of Administrative State based on X.721 [3], if optional.
    */
    union AdministrativeStateTypeOpt switch(boolean)
    {
        case TRUE: StateManagementIRPConstDefs::AdministrativeState
administrative_state;
    };

    /*
    Definition of Alarm Status based on X.721 [3], if optional.
    */
    union AlarmStatusTypeOpt switch(boolean)
    {
        case TRUE: StateManagementIRPConstDefs::AlarmStatus alarm_status;
    };

    /*
    Definition of Procedural Status based on X.721 [3], if optional.
    */

```

```
union ProceduralStatusTypeOpt switch(boolean)
{
    case TRUE: StateManagementIRPCConstDefs::ProceduralStatus
procedural_status;
};

/*
Definition of Availability Status based on X.721 [3], if optional.
*/
union AvailabilityStatusTypeOpt switch(boolean)
{
    case TRUE: StateManagementIRPCConstDefs::AvailabilityStatus
availability_status;
};

/*
Definition of Control Status based on X.721 [3], if optional.
*/
union ControlStatusTypeOpt switch(boolean)
{
    case TRUE: StateManagementIRPCConstDefs::ControlStatus control_status;
};

/*
Definition of Standby Status based on X.721 [3], if optional.
*/
union StandbyStatusTypeOpt switch(boolean)
{
    case TRUE: StateManagementIRPCConstDefs::StandbyStatus standby_status;
};

/*
Definition of Unknown Status based on X.721 [3], if optional.
*/
union UnknownStatusTypeOpt switch(boolean)
{
    case TRUE: StateManagementIRPCConstDefs::UnknownStatus unknown_status;
};
};
#endif
```

End of Change in Annex A.2 End of Document
