

**Source:** SA5 (Telecom Management)  
**Title:** Rel-4 CR 32.303 (CM; Notification IRP CORBA SS) & 32.603 (Basic CM IRP CORBA Solution Set) Addition of missing CORBA exception  
**Document for:** Decision  
**Agenda Item:** 7.5.3

If the "parent" 32.303CR002 is approved (Notification IRP CORBA Solution Set in S5-020068), then also the "child" 32.603CR004 can be approved (Basic CM IRP CORBA Solution Set in S5-020156).

Doc-1st-Level	Spec	CR	Phase	Subject	Category	Version - Current	Version - New	Doc-2nd-Level	Workitem
SP-020038	32.303	002	Rel-4	Addition of missing generic CORBA exception "ValueNotSupported" into CORBA module "ManagedGenericIRPSystem"	F	4.1.0	4.2.0	S5-020068	OAM-FM
SP-020038	32.603	004	Rel-4	Addition of missing CORBA exception "ManagedGenericIRPSystem::ValueNotSupported" onto CORBA method "find_managed_objects"	F	4.1.0	4.2.0	S5-020156	OAM-CM

## CHANGE REQUEST

⌘ **32.303 CR 002** ⌘ rev **-** ⌘ Current version: **4.1.0** ⌘

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

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘	Addition of missing generic CORBA exception "ValueNotSupported" into CORBA module "ManagedGenericIRPSystem"	
<b>Source:</b>	⌘	SA5	
<b>Work item code:</b>	⌘	OAM-FM	<b>Date:</b> ⌘ 01/03/2002
<b>Category:</b>	⌘	<b>F</b>	<b>Release:</b> ⌘ REL-4
		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 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)

<b>Reason for change:</b>	⌘	Missing generic CORBA exception for unsupported optional parameter value.
<b>Summary of change:</b>	⌘	Addition of missing generic CORBA exception "ValueNotSupported" into CORBA module "ManagedGenericIRPSystem".
<b>Consequences if not approved:</b>	⌘	As the generic correction requested through this "parent" CR provides required support for the specific correction requested through the attached "child" Rel-4 CR 32.603 (Basic CM IRP CORBA Solution Set – S5-020156–S5C020042r1), "consequences if not approved" of the "child" CR also apply here:  Basic CM IRP CORBA Solution Set (32.603) would be inconsistent with Basic CM IRP Information Service (32.602).

<b>Clauses affected:</b>	⌘	Annex A	
<b>Other specs affected:</b>	⌘	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications	⌘ If this "parent" CR is approved then also the attached "child" CR can be approved: 32.603CR004 (Basic CM IRP CORBA Solution Set in S5-020156).
<b>Other comments:</b>	⌘		

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## Annex A (normative): IDL Specification (file name “ManagedGenericIRPConstDefs.idl”)

```
●●●
module ManagedGenericIRPSystem
{
  ●●●
  /*
  Exception thrown when an invalid parameter value is passed.
  The parameter shall be the actual parameter name.
  */
  exception InvalidParameter { string parameter; };

  /*
  Exception thrown when a valid but unsupported parameter value is passed.
  The parameter shall be the actual parameter name.
  */
  exception ValueNotSupported { string parameter; };

  ●●●
};
●●●
```

## CHANGE REQUEST

⌘ **32.603 CR 004** ⌘ rev - ⌘ Current version: **4.1.0** ⌘

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

Proposed change affects: ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Addition of missing CORBA exception "ManagedGenericIRPSystem::ValueNotSupported" onto CORBA method "find_managed_objects"		
<b>Source:</b>	⌘ SA5		
<b>Work item code:</b>	⌘ OAM-CM	<b>Date:</b>	⌘ 01/03/2002
<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>	⌘ <b>REL-4</b> Use <u>one</u> of the following releases: <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>REL-4</b> (Release 4) <b>REL-5</b> (Release 5)

<b>Reason for change:</b>	⌘ Missing CORBA exception "ManagedGenericIRPSystem::ValueNotSupported" on CORBA method "find_managed_objects".
<b>Summary of change:</b>	⌘ Addition of missing CORBA exception "ManagedGenericIRPSystem::ValueNotSupported" onto CORBA method "find_managed_objects".
<b>Consequences if not approved:</b>	⌘ Basic CM IRP CORBA Solution Set (32.603) would be inconsistent with Basic CM IRP Information Service (32.602):  In the Information Service (32.602) the operation "getContainment" is <b>optional</b> , whereas in the CORBA Solution Set (32.603) the CORBA equivalent to that operation would erroneously be <b>mandatory</b> .

<b>Clauses affected:</b>	⌘ 6.3, Annex A
<b>Other specs affected:</b>	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications  This "child" CR can only be approved if its attached "parent" CR has been approved: 32.303CR002 (Notification IRP CORBA Solution Set in S5-020068).
<b>Other comments:</b>	⌘ <u>For information only:</u>  Supporting or not supporting Basic CM IRP Information Service optional operation "getContainment" translates in Basic CM IRP CORBA Solution Set into supporting or not supporting optional value "NAMES" on field "contents" of parameter "searchControl" of CORBA method "find_managed_objects".

### 6.3 Operation parameter mapping



Table 3: Mapping from IS getContainment parameters to SS equivalents

IS Operation parameter	SS Method parameter	Qualifier
 Status	<a href="#">exception ManagedGenericIRPSystem::ValueNotSupported</a> , exception UndefinedMOException, exception IllegalDNFormatException, exception UndefinedScopeException, exception IllegalScopeTypeException, exception IllegalScopeLevelException, exception IllegalFilterFormatException, exception FilterComplexityLimit	M



## Annex A (normative): CORBA IDL, Access Protocol

```

#ifndef BasicCmIRPSystem_idl
#define BasicCmIRPSystem_idl

#include "CommonIRPConstDefs.idl"
#include "ManagedGenericIRPSystem.idl"

module BasicCmIRPSystem
{

    interface BasicCmIrpOperations
    {

        /**
         * Performs a containment search, using a SearchControl to
         * control the search and the returned results.
         *

         * @raises ManagedGenericIRPSystem::ValueNotSupported if a valid but
         * unsupported parameter value is passed. E.g. the contents
         * field in the searchcontrol parameter contains the value NAMES and
         * the optional getContainment IS operation is not supported.
         * @raises UndefinedMOException The MO does not exist.

         */
        BasicCmInformationIterator find_managed_objects(in DN baseObject,
                                                    in SearchControl searchControl,
                                                    in AttributeNameSet requestedAttributes)

        raises (ManagedGenericIRPSystem::ValueNotSupported,

                UndefinedMOException,

                FilterComplexityLimit);

    };
};


```