

Source: SA5 (Telecom Management)

Title: Rel-5 CR 32.674 (Configuration Management; State Management/IRP: CMIP solution set): Addition of the missing OID for ts32-674Package

Document for: Approval

Agenda Item: 7.5.3

Doc-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Doc-2nd-Level	Workitem
SP-030421	32.674	001	-	Rel-5	Addition of the missing OID for ts32-674Package	F	5.0.0	S5-037028	OAM-NIM

**3GPP TSG-SA5 (Telecom Management)
Meeting #35, Sophia, Antipolis, 1-5 September 2003**

S5-037028

CR-Form-v7
CHANGE REQUEST
⌘ 32.674 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:	⌘	Addition of the missing OID for ts32-674Package	
Source:	⌘	SA5 (olaf.pollakowski@siemens.com)	
Work item code:	⌘	OAM-NIM	Date: ⌘ 05/09/2003
Category:	⌘	F	Release: ⌘ Rel-5
		<i>Use one 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 one 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:	⌘	The definition of the OIDs for the packages specified in this TS makes use of the OID for ts32-674Package. However, the OID for ts32-674Package is not defined.
Summary of change:	⌘	The definition of the OID for ts32-674Package is provided.
Consequences if not approved:	⌘	The packages defined in this TS would have no OID and could not be referenced.

Clauses affected:	⌘	Foreword, 1, 4, 6										
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;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table>	Y	N		X		X		X	Other core specifications	⌘
		Y	N									
			X									
	X											
	X											
			Test specifications									
			O&M Specifications									
Other comments:	⌘											

Change in Clause 1

1 Scope

The present document specifies the Common Management Information Protocol (CMIP) Solution Set (SS) for the ~~Generic~~-State Management [IRP](#): Information Service defined in 3GPP TS 32.672 [6]. 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 ~~Generic~~-State Management [IRP](#) over the CMIP interfaces
- Clause 6 contains the ASN.1 definitions supporting the GDMO definitions provided in clause 5.

This solution set is related to 3GPP TS 32.672 (V5.0.X).

End of Change in Clause 1

Change in Clause 4

4 Basic aspects

4.1 General

The present document provides all the GDMO definitions necessary to implement the ~~Generic~~-State Management [IRP](#): Information Service [6] for the CMIP interface.

4.2 State and Status ~~A~~attributes

This solution set introduces the [following](#) packages:

- ~~'operationalStateAttributePackage';~~
- ~~'usageStateAttributePackage';~~
- ~~'administrativeStateAttributePackage';~~
- ~~'alarmStatusAttributePackage';~~
- ~~'proceduralStatusAttributePackage';~~
- ~~'availabilityStatusAttributePackage';~~
- ~~'controlStatusAttributePackage';~~
- ~~'standbyStatusAttributePackage';~~ ~~and~~
- ~~'unknownStatusAttributePackage';~~

Each of these packages contains just one single state management attribute as defined in ITU-T Recommendation X.721 [7] or ITU-T Recommendation M.3100 [8]. The packages can be used in [the GDMO definition of a](#) ~~other~~ MOCs by explicitly ~~importing-including~~ one or more of these [attributes/packages](#), depending on the needs of that MOC.

4.3 Mapping

The semantics of the **Generic**-State Management [IRP](#) are defined in 3GPP TS 32.672 [6]. The definitions of the management services and management information defined there are independent of any implementation technology and protocol.

This subclause maps these technology and protocol independent definitions onto the equivalencies of the CMIP Solution Set of the **Generic**-State Management [IRP](#).

4.3.1 Mapping of IOCs

The following table shows the mapping of the information object classes defined in the IS of the **Generic**-State Management [IRP](#) to the equivalent MOCs of this CMIP Solution Set.

Table 4.1: Mapping of IOCs

IS IOCs of the Generic State Management: IS	CMIP SS MOCs of this CMIP SS
StateManagementEntity	no mapping needed for an archetype

4.3.2 Mapping of Attributes

The following table shows the mapping of the IOC attributes defined in the IS of the **Generic**-State Management [IRP](#) to their equivalents in this CMIP Solution Set.

Table 4.2: Mapping of Attributes

IS Attribute defined in 3GPP TS 32.672 [6]	CMIP SS Attribute defined in this CMIP SS
operationalState	operationalState (ITU-T Recommendation X.721 [7])
usageState	usageState (ITU-T Recommendation X.721 [7])
administrativeState	administrativeState (ITU-T Recommendation X.721 [7])
alarmStatus	alarmStatus (ITU-T Recommendation M.3100 [8])
proceduralStatus	proceduralStatus (ITU-T Recommendation X.721 [7])
availabilityStatus	availabilityStatus (ITU-T Recommendation X.721 [7])
controlStatus	controlStatus (ITU-T Recommendation X.721 [7])
standbyStatus	standbyStatus (ITU-T Recommendation X.721 [7])
unknownStatus	unknownStatus (ITU-T Recommendation X.721 [7])

End of Change in Clause 4

Change in Clause 6

6 ASN.1 Definitions

```
TS32-674TypeModule {itu-t(0) identified-organization(4) etsi(0) mobileDomain(0) umts-Operation-
Maintenance(3) ts-32-674(674) informationModel(0) asn1Module(2) version1(1)}
```

```
DEFINITIONS IMPLICIT TAGS ::=
BEGIN
```

```
--EXPORTS everything
--IMPORTS nothing
```

```
-- 3GPP TS 32.674 related Object Identifiers
```

```
baseNodeUMTS OBJECT IDENTIFIER ::= {itu-t(0) identified-organization(4) etsi(0)
mobileDomain(0) umts-Operation-Maintenance(3) }
```

```

ts32-674Prefix      OBJECT IDENTIFIER ::= {baseNodeUMTS ts-32-674(674)}
ts32-674InfoModel  OBJECT IDENTIFIER ::= {ts32-674Prefix informationModel(0)}

ts32-674ObjectClass OBJECT IDENTIFIER ::= {ts32-674InfoModel managedObjectClass(3)}
ts32-674Package    OBJECT IDENTIFIER ::= {ts32-674InfoModel package(4)}
ts32-674Parameter  OBJECT IDENTIFIER ::= {ts32-674InfoModel parameter(5)}
ts32-674Attribute  OBJECT IDENTIFIER ::= {ts32-674InfoModel attribute(7)}
ts32-674Action     OBJECT IDENTIFIER ::= {ts32-674InfoModel action(9)}
ts32-674Notification OBJECT IDENTIFIER ::= {ts32-674InfoModel notification(10)}

```

END -- of module TS32-674TypeModule

End of Change in Clause 6

Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jul 2002	--	--	--	--	SA5 has sent to SA email list for Information	1.0.0	
Sep 2002	S_17	SP-020471	--	--	Submitted to TSG SA #17 for Approval	2.0.0	5.0.0