Source: **SA5 (Telecom Management)**

Title: **2 Rel-5/6 CR 32.674 State Management IRP CMIP SS**

Document for: **Approval**

Agenda Item: **7.5.3**

Doc1stevel	Specifica	CR	R	Phase	Subject	Ca	VersCu	Doc2ndLev	WorkitemsID
SP-040813	32.674	002	--	Rel-5	Correct GDMO code	F	5.1.0	S5-048833	OAM-NIM
SP-040813	32.674	003	--	Rel-6	Correct GDMO code	A	6.0.0	S5-048834	OAM-NIM

CR-Form-v7

CHANGE REQUEST

⌘	**32.674** CR **002**	⌘**rev**	**-**	⌘	Current version:	**5.1.0**	⌘

*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 **X**　Core Network **X**

Title:	⌘	Correct GDMO code
Source:	⌘	**SA5** (olaf.pollakowski@siemens.com)
Work item code: ⌘	OAM-NIM	**Date:** ⌘ 01/10/2004

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 <u>TR 21.900</u>.

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:	⌘	The label of the BEHAVIOUR construct given in the PACKAGE definitions does not correspond to the label used when defining this behaviour.
Summary of change: ⌘		The label of the BEHAVIOUR construct and the label used when defining the behaviour are aligned.
Consequences if not approved:	⌘	The GDMO code does not compile.

Clauses affected:	⌘	5

	Y	N		
Other specs affected: ⌘		X	Other core specifications ⌘	
		X	Test specifications	
	X		O&M Specifications	Rel-6 32.674

Other comments:	⌘	Rel-6 Mirror CR 32.674 in S5-048834.

Change in Clause 5

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5 GDMO Definitions

5.1 Packages

5.1.1 operationalStateAttributePackage

```
operationalStateAttributePackage PACKAGE
    —BEHAVIOUR
            ————operationalStateAttributePackageBehaviour;
    —ATTRIBUTES
            ————"Rec. X.721 | ISO/IEC 10165-2 : 1992":operationalState GET;
    ——REGISTERED AS {ts32-674Package 1};

operationalStateAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the operationalState attribute as described in
     —ITU--T Rec. X.721 of a managed object.";
```

5.1.2 usageStateAttributePackage

```
usageStateAttributePackage PACKAGE
    —BEHAVIOUR
            ————usageStateAttributePackageBehaviour;
    —ATTRIBUTES
            ————"Rec. X.721 | ISO/IEC 10165-2 : 1992":usageState GET;
    ——REGISTERED AS {ts32-674Package 2};

usageStateAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the usageState attribute as described in
     —ITU--T Rec. X.721 of a managed object.";
```

5.1.3 administrativeStateAttributePackage

```
administrativeStateAttributePackage PACKAGE
    —BEHAVIOUR
            ————administrativeStateAttributePackageBehaviour;
    —ATTRIBUTES
            ————"Rec. X.721 | ISO/IEC 10165-2 : 1992":administrativeState GET-REPLACE;
    ——REGISTERED AS {ts32-674Package 3};

administrativeStateAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the administrativeState attribute as described in
     —ITU--T Rec. X.721 of a managed object.";
```

5.1.4 alarmStatusAttributePackage

```
alarmStatusAttributePackage PACKAGE
    —BEHAVIOUR
            ————alarmStatusAttributePackageBehaviour;
    —ATTRIBUTES
            ————"Rec. M.3100 | 1995":alarmStatus GET;
    ——REGISTERED AS {ts32-674Package 4};

alarmStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the alarmStatus attribute as described in
     —ITU--T Rec. M.3100 of a managed object.";
```

5.1.5 proceduralStatusAttributePackage

```
proceduralStatusAttributePackage PACKAGE
    —BEHAVIOUR
```

```
                  proceduralStatusAttributePackageBehaviour;
       ATTRIBUTES
                  "Rec. X.721 | ISO/IEC 10165-2 : 1992": proceduralStatus GET;
     REGISTERED AS {ts32-674Package 5};
```

proceduralStatusAttributePackageBehaviour **BEHAVIOUR**
DEFINED AS
"This package has been defined to provide the proceduralStatus attribute as described in
ITU-T Rec. X.721 of a managed object.";

5.1.6 availabilityStatusAttributePackage

```
availabilityStatusAttributePackage PACKAGE
     BEHAVIOUR
                  availabilityStatusAttributePackage Behaviour;
     ATTRIBUTES
                  "Rec. X.721 | ISO/IEC 10165-2 : 1992": availabilityStatus GET;
     REGISTERED AS {ts32-674Package 6};
```

availabilityStatusAttributePackageBehaviour **BEHAVIOUR**
DEFINED AS
"This package has been defined to provide the availabilityStatus attribute as described in
ITU-T Rec. X.721 of a managed object.";

5.1.7 controlStatusAttributePackage

```
controlStatusAttributePackage PACKAGE
     BEHAVIOUR
                  controlStatusAttributePackageBehaviour;
     ATTRIBUTES
                  "Rec. X.721 | ISO/IEC 10165-2 : 1992": availabilityStatus GET;
     REGISTERED AS {ts32-674Package 7};
```

controlStatusAttributePackageBehaviour **BEHAVIOUR**
DEFINED AS
"This package has been defined to provide the controlStatus attribute as described in
ITU-T Rec. X.721 of a managed object.";

5.1.8 standbyStatusAttributePackage

```
standbyStatusAttributePackage PACKAGE
     BEHAVIOUR
                  standbyStatusAttributePackageBehaviour;
     ATTRIBUTES
                  "Rec. X.721 | ISO/IEC 10165-2 : 1992": standbyStatus GET;
     REGISTERED AS {ts32-674Package 8};
```

standbyStatusAttributePackageBehaviour **BEHAVIOUR**
DEFINED AS
"This package has been defined to provide the standbyStatus attribute as described in
ITU-T Rec. X.721 of a managed object.";

5.1.9 unknownStatusAttributePackage

```
unknownStatusAttributePackage PACKAGE
     BEHAVIOUR
                  unknownStatusAttributePackageBehaviour;
     ATTRIBUTES
                  "Rec. X.721 | ISO/IEC 10165-2 : 1992": unknownStatus GET;
     REGISTERED AS {ts32-674Package 9};
```

unknownStatusAttributePackageBehaviour **BEHAVIOUR**
DEFINED AS
"This package has been defined to provide the unknownStatus attribute as described in
ITU-T Rec. X.721 of a managed object.";

End of Change in Clause 5

Annex A (informative): Change history

Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
					Change history		
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
Sep 2003	S_21	SP-030421	001	--	Addition of the missing OID for ts32-674Package	5.0.0	5.1.0

CR-Form-v7

CHANGE REQUEST

⌘	**32.674** CR **003**	⌘**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 **X** Core Network **X**

Title:	⌘	Correct GDMO code

Source:	⌘	**SA5** (olaf.pollakowski@siemens.com)

Work item code: ⌘	OAM-NIM		***Date:*** ⌘	01/10/2004

Category:	⌘	**A**	***Release:*** ⌘	Rel-6

Use <u>one</u> of the following categories:
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be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
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Rel-6 *(Release 6)*

Reason for change:	⌘	The label of the BEHAVIOUR construct given in the PACKAGE definitions does not correspond to the label used when defining this behaviour.
Summary of change: ⌘		The label of the BEHAVIOUR construct and the label used when defining the behaviour are aligned.
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Clauses affected:	⌘	5

			Y	N		
Other specs affected:	⌘			X	Other core specifications	⌘
				X	Test specifications	
				X	O&M Specifications	

Other comments:	⌘	Rel-6 Mirror CR 32.674 of S5-048833.

Change in Clause 5

5 GDMO Definitions

5.1 Packages

5.1.1 operationalStateAttributePackage

```
operationalStateAttributePackage PACKAGE
...—BEHAVIOUR
           operationalStateAttributePackageBehaviour;
    —ATTRIBUTES
           "Rec. X.721 | ISO/IEC 10165-2 : 1992":operationalState GET;
    REGISTERED AS {ts32-674Package 1};

operationalStateAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the operationalState attribute as described in
    —ITU--T Rec. X.721 of a managed object.";
```

5.1.2 usageStateAttributePackage

```
usageStateAttributePackage PACKAGE
    —BEHAVIOUR
           usageStateAttributePackageBehaviour;
    —ATTRIBUTES
           "Rec. X.721 | ISO/IEC 10165-2 : 1992":usageState GET;
    REGISTERED AS {ts32-674Package 2};

usageStateAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the usageState attribute as described in
    —ITU--T Rec. X.721 of a managed object.";
```

5.1.3 administrativeStateAttributePackage

```
administrativeStateAttributePackage PACKAGE
    —BEHAVIOUR
           administrativeStateAttributePackageBehaviour;
    —ATTRIBUTES
           "Rec. X.721 | ISO/IEC 10165-2 : 1992":administrativeState GET-REPLACE;
    REGISTERED AS {ts32-674Package 3};

administrativeStateAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the administrativeState attribute as described in
    —ITU--T Rec. X.721 of a managed object.";
```

5.1.4 alarmStatusAttributePackage

```
alarmStatusAttributePackage PACKAGE
    —BEHAVIOUR
           alarmStatusAttributePackageBehaviour;
    —ATTRIBUTES
           "Rec. M.3100 | 1995":alarmStatus GET;
    REGISTERED AS {ts32-674Package 4};

alarmStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the alarmStatus attribute as described in
    —ITU--T Rec. M.3100 of a managed object.";
```

5.1.5 proceduralStatusAttributePackage

```
proceduralStatusAttributePackage PACKAGE
    —BEHAVIOUR
```

```
            proceduralStatusAttributePackageBehaviour;
    ATTRIBUTES
            "Rec. X.721 | ISO/IEC 10165-2 : 1992": proceduralStatus GET;
    REGISTERED AS {ts32-674Package 5};

proceduralStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the proceduralStatus attribute as described in
     ITU-T Rec. X.721 of a managed object.";
```

5.1.6 availabilityStatusAttributePackage

```
availabilityStatusAttributePackage PACKAGE
    BEHAVIOUR
            availabilityStatusAttributePackage Behaviour;
    ATTRIBUTES
            "Rec. X.721 | ISO/IEC 10165-2 : 1992": availabilityStatus GET;
    REGISTERED AS {ts32-674Package 6};

availabilityStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the availabilityStatus attribute as described in
     ITU-T Rec. X.721 of a managed object.";
```

5.1.7 controlStatusAttributePackage

```
controlStatusAttributePackage PACKAGE
    BEHAVIOUR
            controlStatusAttributePackageBehaviour;
    ATTRIBUTES
            "Rec. X.721 | ISO/IEC 10165-2 : 1992": availabilityStatus GET;
    REGISTERED AS {ts32-674Package 7};

controlStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the controlStatus attribute as described in
     ITU-T Rec. X.721 of a managed object.";
```

5.1.8 standbyStatusAttributePackage

```
standbyStatusAttributePackage PACKAGE
    BEHAVIOUR
            standbyStatusAttributePackageBehaviour;
    ATTRIBUTES
            "Rec. X.721 | ISO/IEC 10165-2 : 1992": standbyStatus GET;
    REGISTERED AS {ts32-674Package 8};

standbyStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the standbyStatus attribute as described in
     ITU-T Rec. X.721 of a managed object.";
```

5.1.9 unknownStatusAttributePackage

```
unknownStatusAttributePackage PACKAGE
    BEHAVIOUR
            unknownStatusAttributePackageBehaviour;
    ATTRIBUTES
            "Rec. X.721 | ISO/IEC 10165-2 : 1992": unknownStatus GET;
    REGISTERED AS {ts32-674Package 9};

unknownStatusAttributePackageBehaviour BEHAVIOUR
DEFINED AS
    "This package has been defined to provide the unknownStatus attribute as described in
     ITU-T Rec. X.721 of a managed object.";
```

End of Change in Clause 5

Annex A (informative): Change history

<table>
<tr><th colspan="8">Change history</th></tr>
<tr><th>Date</th><th>TSG #</th><th>TSG Doc.</th><th>CR</th><th>Rev</th><th>Subject/Comment</th><th>Old</th><th>New</th></tr>
<tr><td>Jul 2002</td><td>--</td><td>--</td><td>--</td><td>--</td><td>SA5 has sent to SA email list for Information</td><td>1.0.0</td><td></td></tr>
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<tr><td>Sep 2003</td><td>S_21</td><td>SP-030421</td><td>001</td><td>--</td><td>Addition of the missing OID for ts32-674Package</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td>Mar 2004</td><td>S_23</td><td>SP-040105</td><td>--</td><td>--</td><td>Automatic upgrade to Rel-6 (no CR)</td><td>5.1.0</td><td>6.0.0</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>