Source: SA5 (Telecom Management)

Title: 6 Rel-4/5 CR 32.602/612, Rel-5/6 32.662 System Context correction

Document for: Decision

Agenda Item: 7.5.3

Doc-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Doc-2nd-Level	Workitem
SP-040119	32.602	006	-	Rel-4	Correction of System Context	F	4.2.0	S5-046143	OAM-CM
SP-040119	32.602	007	-	Rel-5	Correction of System Context	А	5.2.0	S5-046144	OAM-CM
SP-040119	32.612	009	-	Rel-4	Correction of System Context	F	4.5.0	S5-046145	OAM-CM
SP-040119	32.612	010	-	Rel-5	Correction of System Context	А	5.2.0	S5-046146	OAM-CM
SP-040119	32.662	004	-	Rel-5	Correction of System Context	F	5.1.0	S5-046147	OAM-NIM
SP-040119	32.662	005	-	Rel-6	Correction of System Context	А	6.1.0	S5-046148	OAM-NIM

3GPP TSG-SA5 (1 Meeting #37, Mala		S5-046143				
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ж <mark>ана с</mark>	<mark>32.602</mark>	CR <mark>006</mark>	ж <b>rev</b>	<b>-</b> #	Current version	<sup></sup> 4.2.0 <sup>#</sup>
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Proposed change af	fects: L	JICC apps೫	ME	Radio A	ccess Network	X Core Network X
Title: ೫	Correctior	n of System Cor	ntext			
Source: ೫	SA5 (thor	nas.tovinger@e	ricsson.com)			
Work item code: ೫	OAM-CM				Date: ೫ <mark>2</mark>	27/2/2004
C	Jse <u>one</u> of t <i>F</i> (corr <i>A</i> (corr <i>B</i> (ada <i>C</i> (fund <i>D</i> (edit Detailed exp re found in 3 <i>H</i> 1. 1	responds to a con- lition of feature), ctional modification forial modification olanations of the a 3GPP <u>TR 21.900</u> .	rection in an ear on of feature) ) bove categories text in clause 4	can contains	Use <u>one</u> of the 2 (G R96 (R R97 (R R98 (R R98 (R R99 (R Rel-4 (R Rel-5 (R Rel-6 (R	Rel-4 following releases: SM Phase 2) elease 1996) elease 1997) elease 1998) elease 1999) elease 4) elease 5) elease 6) sentence and one
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Summary of change	ii ii 2. C	nteraction acros	s the Basic CN ngle system of	/I IRP, on r if they ru	e cannot deduce un in separate sy	g: "By observing the e if EM and NE are /stems". – replaced by new
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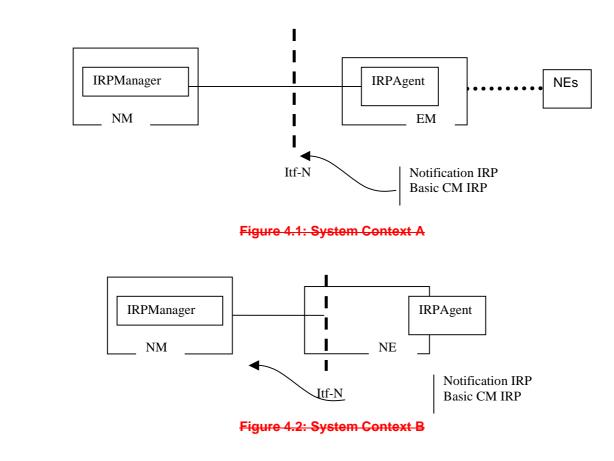
# 4 System overview

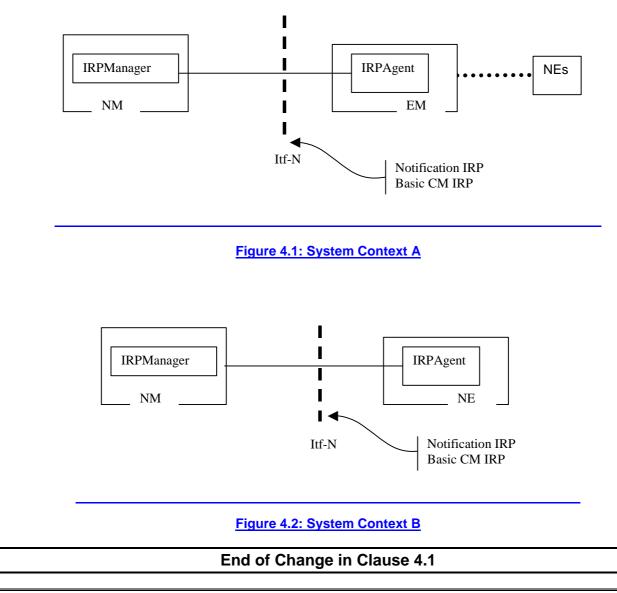
# 4.1 System context

Figure 4.1 and figure 4.2 identify system contexts of the subject IRP in terms of its implementation called IRPAgent and the user of the IRPAgent, called IRPManager. For a definition of IRPManager and IRPAgent, see 3GPP TS 32.102 [2].

The IRPAgent implements and supports the Basic CM IRP: IS. The IRPAgent can be an Element Manager (EM) or a mediator that interfaces one or more NEs (see Figure 4.1), or it can be a Network Element (NE) (see Figure 4.2). In the former case, the interfaces (represented by a thick dotted line) between the EM and the NEs are not subject of this IRP.

An NE can be managed via System Context A or B. The criterion for choosing System Context A or B to manage a particular NE is implementation dependent. An IRPAgent shall support one of the two System Contexts. By observing the interaction across the Itf-N, an IRPManager cannot deduce if <u>the EM and NE are integrated in a single system or if</u> they run in separate systems the IRPAgent supports System Context A or B.





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3GPP TSG-SA5 (Telecom Management) Meeting #37, Malaga, Spain, 23-27 Feb 2004								S	5-04614		
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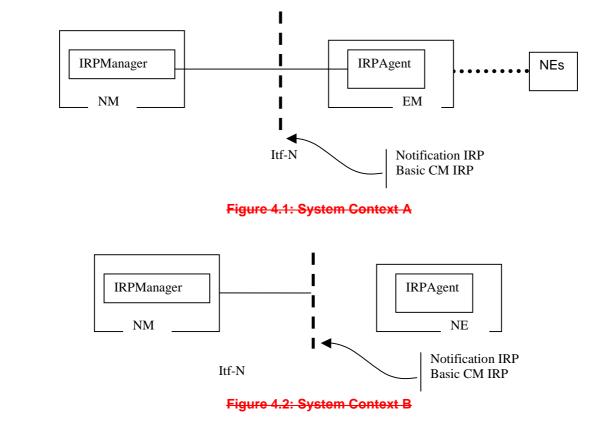
## 4 System overview

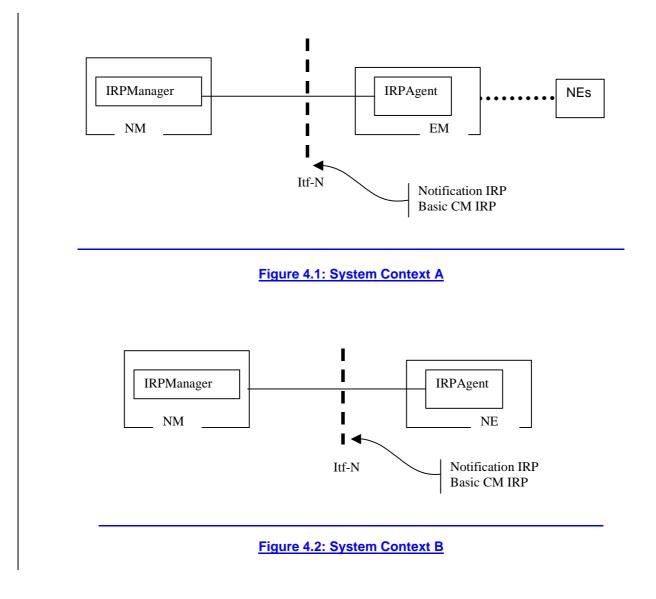
### 4.1 System context

Figure 4.1 and 4.2 identify system contexts of the IRP defined by the present specification in terms of its implementation called IRPAgent and the user of the IRPAgent, called IRPManager. For a definition of IRPManager and IRPAgent, see 3GPP TS 32.102 [2].

The IRPAgent implements and supports this IRP. The IRPAgent can reside in an Element Manager (EM) or a Network Element (NE) (see also [2] clause 8). In the former case, the interfaces (represented by a thick dotted line) between the EM and the NEs are not the subject of this IRP.

An NE can be managed via System Context A or B. The criterion for choosing System Context A or B to manage a particular NE is implementation dependent. An IRPAgent shall support one of the two System Contexts. By observing the interaction across the Itf-N, an IRPManager cannot deduce if the EM and NE are integrated in a single system or if they run in separate systems the IRPAgent supports System Context A or B.





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### End of Change in Clause 4.1

3GPP TSG-SA5 (Telecom Management) Meeting #37, Malaga, Spain, 23-27 Feb 2004

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How to create CRs using this form:

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# Rel-5 Mirror CR 32.612 in S5-046146.

S5-046145

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# 4 System Overview

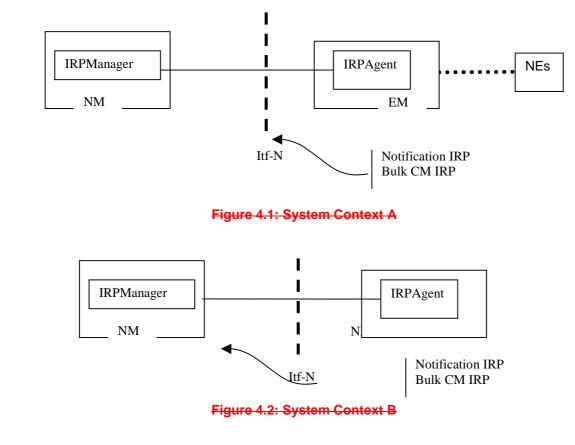
# 4.1 System Context

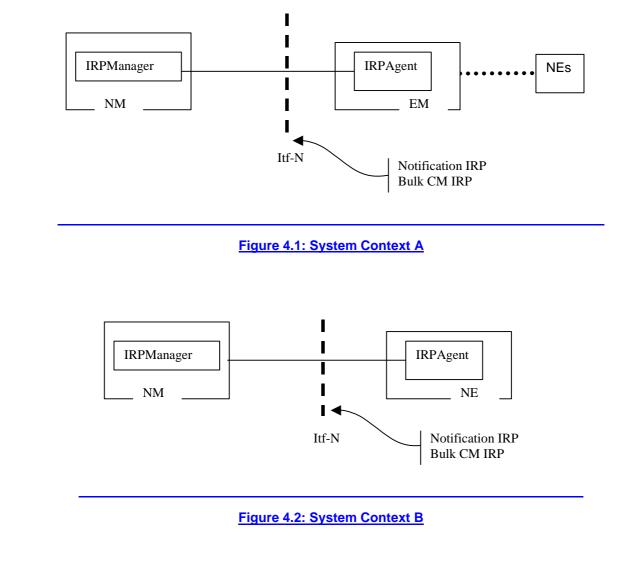
Figure 4.1 and Figure 4.2 identify system contexts of the subject IRP in terms of its implementation called IRPAgent and the user of the IRPAgent, called IRPManager. For a definition of IRPManager and IRPAgent, see 3GPP TS 32.102 [2].

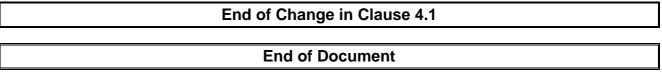
The IRP Agent implements and supports the Bulk CM IRP. The IRP Agent shall be an Element Manager (EM) or a mediator that interfaces to several NE (see Figure 4.1) or it can be a Network Element (NE) (see Figure 4.2). In the former case, the interfaces (represented by the a thick dotted line) between the EM and the NEs are not subject of this IRP.

An NE can be managed via System Context A or B. The criterion for choosing System Context A or B, to manage a particular NE, is implementation dependent. An IRPAgent shall support one of the two System Contexts. By observing the interaction across the Itf-N, an IRPManager cannot deduce if <u>the EM and NE are integrated in a single system or if</u> they run in separate systems the IRPAgent supports System Context A or B.

As indicated in Figure 4.1 and Figure 4.2, the subject IRP needs to be complemented with the Notification IRP 3GPP TS 32.302 [3]. (This is to allow the IRP Manager to subscribe and unsubscribe to notifications issued by the IRP Agent).







CR-Form-v7 CHANGE REQUEST ж Current version: 32.612 CR 010 ж жrev 5.2.0For **HELP** on using this form, see bottom of this page or look at the pop-up text over the *x* symbols. **Proposed change affects:** UICC apps# ME Radio Access Network X Core Network X Title: **#** Correction of System Context Source: **%** SA5 (thomas.tovinger@ericsson.com) Date: # 27/2/2004 Work item code: # OAM-CM Ж А Release: # Rel-5 Category: Use one of the following categories: Use one of the following releases: (GSM Phase 2) F (correction) 2 A (corresponds to a correction in an earlier release) R96 (Release 1996) **B** (addition of feature), R97 (Release 1997) **C** (functional modification of feature) R98 (Release 1998) **D** (editorial modification) R99 (Release 1999) (Release 4) Detailed explanations of the above categories can Rel-4 be found in 3GPP TR 21.900. Rel-5 (Release 5) Rel-6 (Release 6) 1. The System context in clause 4 contains one erroneous sentence and one Reason for change: # diagram editing error. The wrong sentence states that "By observing the interaction across the Itf-N, an IRPManager cannot deduce if the IRPAgent supports System Context A or B" – which is normally not true. Whether it is true or not depends on the vendor's network and IRPAgent configuration. Therefore this sentence should be replaced by the corresponding sentence in Alarm IRP, Notification IRP and PM IRP that states "By observing the interaction across the XXX IRP, one cannot deduce if EM and NE are integrated in a single system or if they run in separate systems". The latter is the original sentence at this position, and by mistake it had been modified during the last CR on this subclause. "Editorial review question" by MCC left in Annex B. 2. 3. Bad formatting of fig. 4.1 and 4.2. Summary of change: # Replace last sentence of subclause 4.1 with the following: "By observing the 1. interaction across the Basic CM IRP, one cannot deduce if EM and NE are integrated in a single system or if they run in separate systems". 2. Remove the "Editorial review question" by MCC left in Annex B. Correct corruption and bad formatting of fig. 4.1 and 4.2 – replaced by new 3. diagrams. Wrong assumption on the IRPManager (NM's) part, of what can be observed Consequences if Ж not approved: across Itf-N, which could have negative architectural consequences regarding initial configuration and start-up of Itf-N communication between NM and EM/NE. Clauses affected: ж 4.1 Ν X Other specs Other core specifications ж ж

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Test specifications

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# 4 System Overview

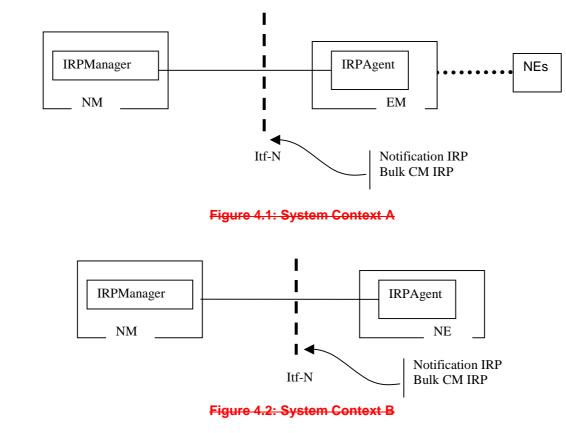
# 4.1 System Context

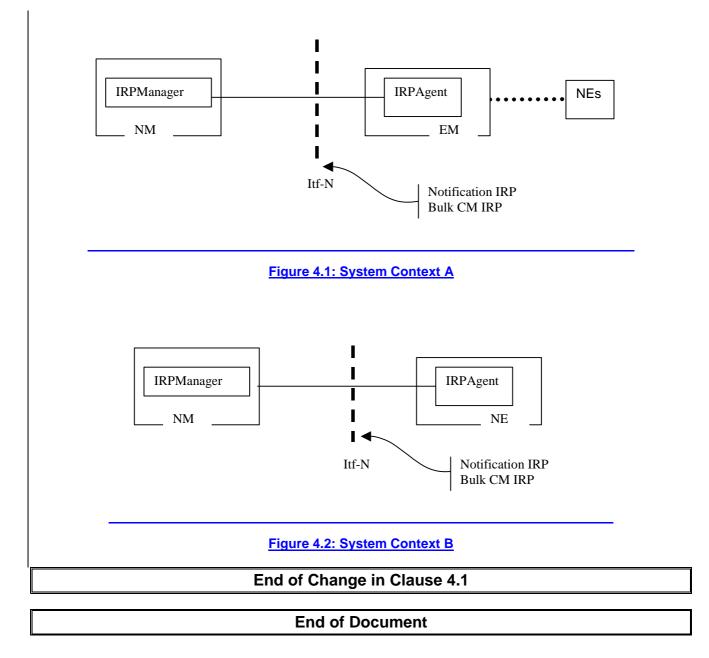
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An NE can be managed via System Context A or B. The criterion for choosing System Context A or B, to manage a particular NE, is implementation dependent. An IRPAgent shall support one of the two System Contexts. By observing the interaction across the Itf-N, an IRPManager cannot deduce if the EM and NE are integrated in a single system or if they run in separate systems the IRPAgent supports System Context A or B.

As indicated in Figure 4.1 and Figure 4.2, the subject IRP needs to be complemented with the Notification IRP 3GPP TS 32.302 [3]. (This is to allow the IRP Manager to subscribe and unsubscribe to notifications issued by the IRP Agent).





3GPP TSG-SA5 (Telecom Management) Meeting #37, Malaga, Spain, 23-27 Feb 2004								
CHANGE REQUEST								
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Work item code: 🕱 – O	DAM-NIM Date: # 27/2/2004							
Det	Se one of the following categories:       Use one of the following r         F (correction)       2       (GSM Phase)         A (corresponds to a correction in an earlier release)       R96       (Release 199)         B (addition of feature),       R97       (Release 199)         C (functional modification of feature)       R98       (Release 199)         D (editorial modification)       R99       (Release 199)         etailed explanations of the above categories can       Rel-4       (Release 4)         found in 3GPP TR 21.900.       Rel-5       (Release 6)	2) 6) 7) 8) 9) one one sgent r it is true Therefore						
Summary of change:₿	<ul> <li>Notification IRP and PM IRP that states "By observing the interaction a XXX IRP, one cannot deduce if EM and NE are integrated in a single s they run in separate systems". The latter is the original sentence at this and by mistake it had been modified during the last CR on this subclau</li> <li>Replace last sentence of subclause 4.1 with the following: "By observing interaction across the Basic CM IRP, one cannot deduce if EM and NE integrated in a single system or if they run in separate systems".</li> </ul>	system or if s position, use. ng the						
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Other comments: \$	器 Rel-6 Mirror CR in S5-046148.							

## 4 System overview

### 4.1 System context

Figures 4.1 and 4.2 identify system contexts of the IRP defined by the present specification in terms of its implementation called IRPAgent and the user of the IRPAgent, called IRPManager. For a definition of IRPManager and IRPAgent, see TS 32.102 [2].

The IRPAgent implements and supports this IRP. The IRPAgent can reside in an Element Manager (EM) or a Network Element (NE) (see also [2] clause 8). In the former case, the interfaces (represented by a thick dotted line) between the EM and the NEs are not the subject of this IRP.

An NE can be managed via System Context A or B. The criterion for choosing System Context A or B, to manage a particular NE, is implementation dependent. An IRPAgent shall support one of the two System Contexts. By observing the interaction across the Itf-N, an IRPManager cannot deduce if the EM and NE are integrated in a single system or if they run in separate systems the IRPAgent supports System Context A or B.

### End of Change in Clause 4.1

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CHANGE REQUEST								
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Proposed change affe	ects: UICC apps# ME Radio Access Network X Core I	Network X						
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Dei	se one of the following categories:       Use one of the following r         F (correction)       2       (GSM Phase)         A (corresponds to a correction in an earlier release)       R96       (Release 199)         B (addition of feature),       R97       (Release 199)         C (functional modification of feature)       R98       (Release 199)         D (editorial modification)       R99       (Release 199)         etailed explanations of the above categories can       Rel-4       (Release 4)         e found in 3GPP TR 21.900.       Rel-5       (Release 5)         Rel-6       (Release 6)       Rel-6	2) 6) 7) 8) 9)						
neusen fer enunger .	diagram editing error. The wrong sentence states that "By observing the interaction across the Itf-N, an IRPManager cannot deduce if the IRPA supports System Context A or B" – which is normally not true. Whethe or not depends on the vendor's network and IRPAgent configuration. T this sentence should be replaced by the corresponding sentence in Ala Notification IRP and PM IRP that states "By observing the interaction a XXX IRP, one cannot deduce if EM and NE are integrated in a single s they run in separate systems". The latter is the original sentence at this and by mistake it had been modified during the last CR on this subclau	r it is true Therefore arm IRP, across the system or if s position,						
Summary of change: ३	Replace last sentence of subclause 4.1 with the following: "By observing interaction across the Basic CM IRP, one cannot deduce if EM and NE integrated in a single system or if they run in separate systems".							
Consequences if ३ not approved:	Wrong assumption on the IRPManager (NM's) part, of what can be ob- across Itf-N, which could have negative architectural consequences re initial configuration and start-up of Itf-N communication between NM a	garding						
Clauses affected:	ቻ 4.1.							
Other specs ३ affected:	Y       N         X       Other core specifications       %         X       Test specifications       %         X       O&M Specifications							
Other comments:	육 Rel-6 Mirror CR of S5-046147.							

## 4 System overview

### 4.1 System context

Figures 4.1 and 4.2 identify system contexts of the IRP defined by the present specification in terms of its implementation called IRPAgent and the user of the IRPAgent, called IRPManager. For a definition of IRPManager and IRPAgent, see TS 32.102 [2].

The IRPAgent implements and supports this IRP. The IRPAgent can reside in an Element Manager (EM) or a Network Element (NE) (see also [2] clause 8). In the former case, the interfaces (represented by a thick dotted line) between the EM and the NEs are not the subject of this IRP.

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### End of Change in Clause 4.1