TSG-CN WG5 (Open Service Access) Status Report

Joint-API-group

Reported by

Chelo ABARCA
CN5 Chair

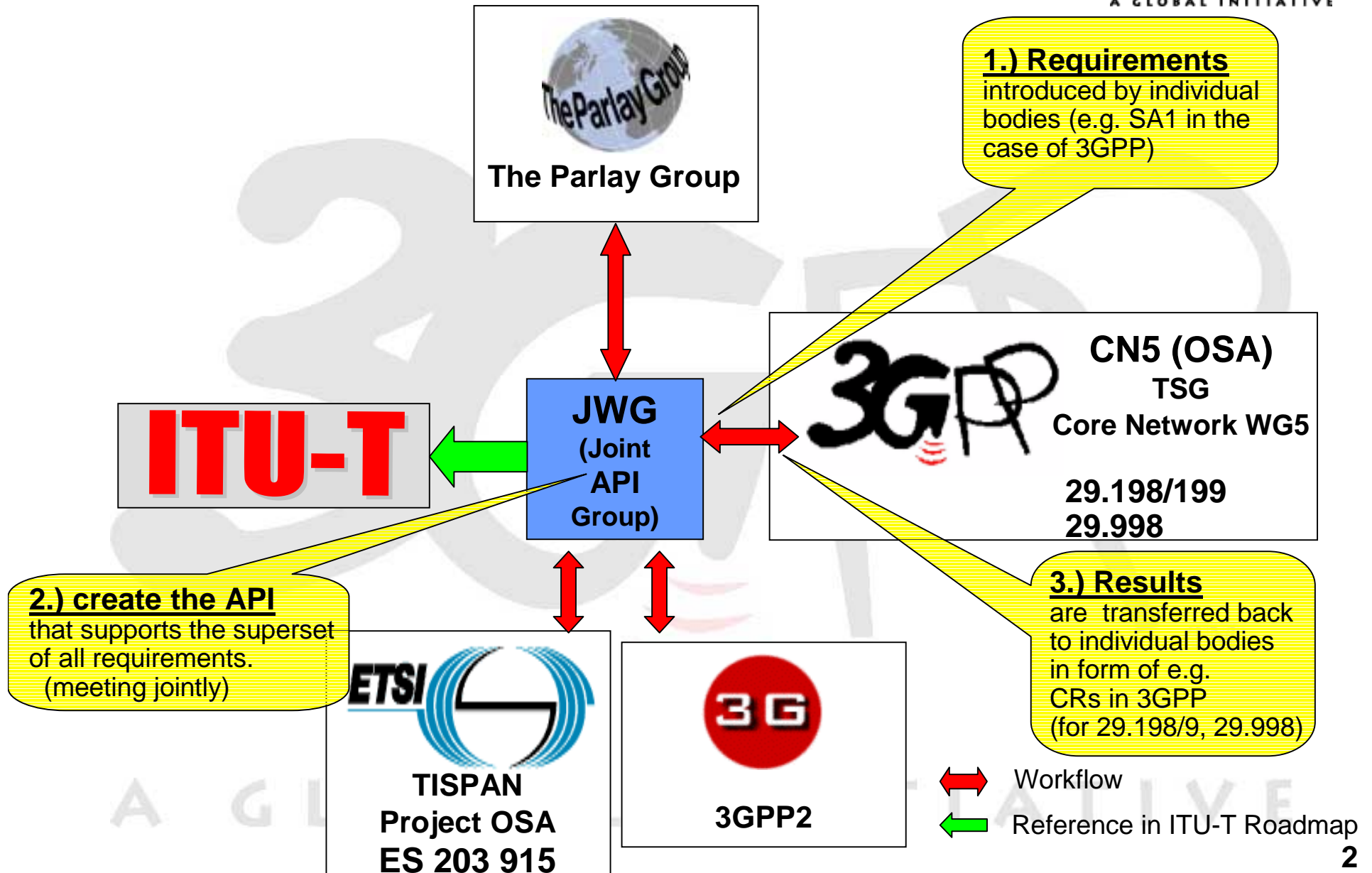**Reported by**

John-Luc BAKKER
CN5 Vice-Chair

1

Relation to Standardisation Bodies 3GPP

A GLOBAL INITIATIVE

The Parlay Group

1.) Requirements introduced by individual bodies (e.g. SA1 in the case of 3GPP)

CN5 (OSA)
TSG
Core Network WG5

29.198/199
29.998

ITU-T

JWG
(Joint API Group)

2.) create the API that supports the superset of all requirements. (meeting jointly)

3.) Results are transferred back to individual bodies in form of e.g. CRs in 3GPP (for 29.198/9, 29.998)

ETSI

TISPAN Project OSA ES 203 915

3G

3GPP2

→ Workflow

→ Reference in ITU-T Roadmap

2

ESTI Technical Body TISPAN

- ➤ **Amalgamates both former ETSI TBs TIPHON and SPAN**

- ➤ **Eight new Working Groups:**
  - ➤ **WG1 Services**
  - ➤ **WG2 Architecture**
  - ➤ **WG3 Protocols**
  - ➤ **WG4 Numbering Addressing and routing**
  - ➤ **WG5 QOS**
  - ➤ **WG6 Testing**
  - ➤ **WG7 Security**
  - ➤ **WG8 Network Management**

- ➤ **Project OSA is now under WG1**

Parlay 3.4	TISPAN 01008 OSA
Parlay 4.2	TISPAN 01009 OSA
Parlay 5	TISPAN 01005 OSA
Parlay X	TISPAN 01007 OSA

Officers

- **3GPP TSG-CN5 Chairperson**

  Chelo ABARCA (Alcatel) – since 01/2003

- **3GPP TSG-CN5 Vice Chairman**

  John-Luc BAKKER (Telcordia) – since 10/2003

- **ETSI TISPAN - OSA Project Leader**

  Richard STRETCH (BT) – since 05/2003

  (also Parlay representative)

- **Methodology Expert** – since 05/2000

  Ultan MULLIGAN (ETSI PTCC)

- **MCC Support** – since 01/2001

  Adrian ZOICAS (MCC)

Outline

- **Achievements**
- **CN5 work status**
  - **Rel-6 status overview**
  - **Coordination with other groups**
  - **Meetings**
- **For plenary approval/information**
- **Acknowledgements**

Achievements

To be updated at the end since it's summary

Rel-4 and Rel-5 :

- Some essential corrections, including some resulting from feedback from ETSI Plugtest OSA interoperability event

Rel-6:

- Work ongoing on Stage 3 for OSA Rel-6 requirements
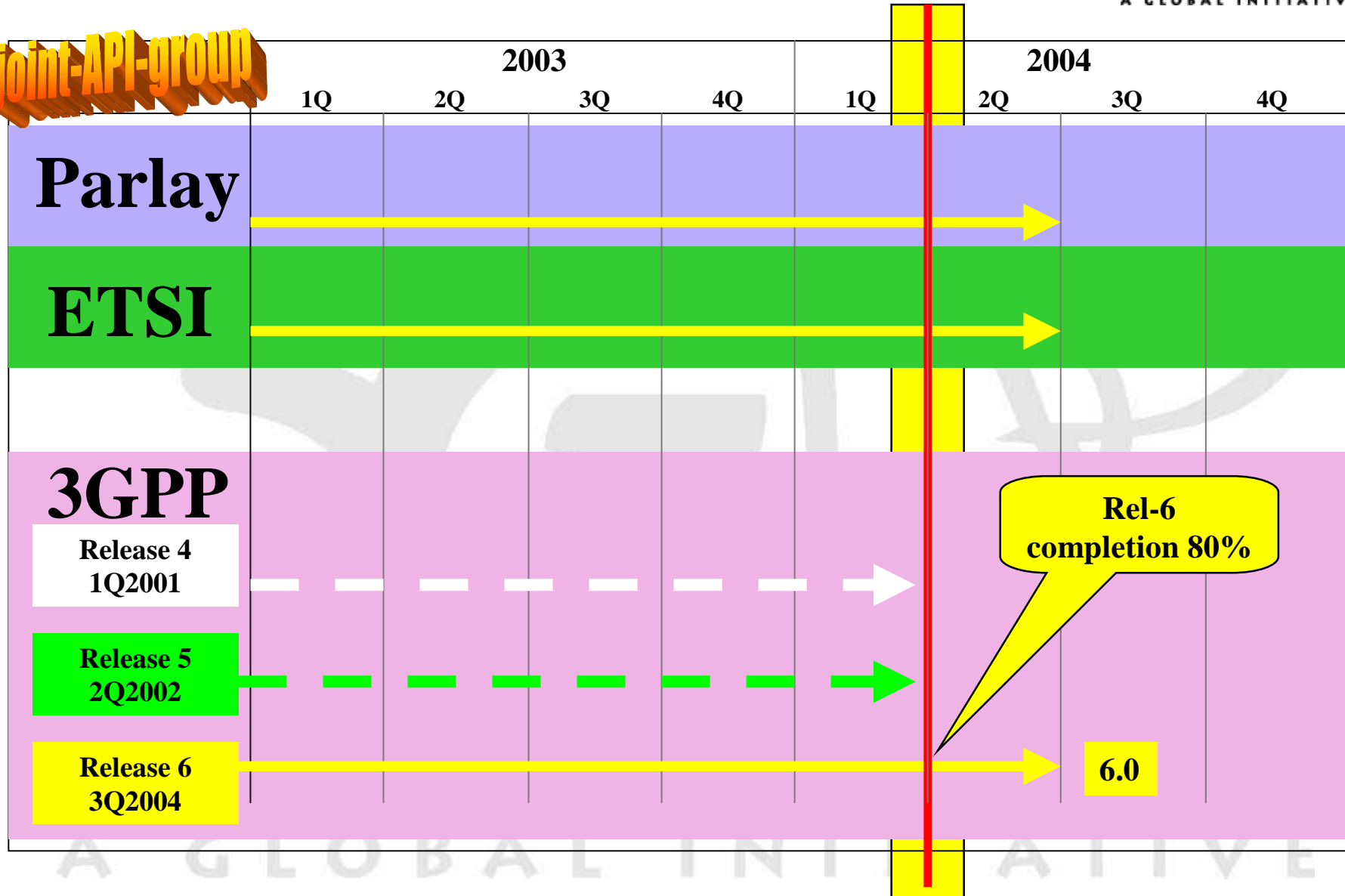- Feedback keeps on coming on recent WSDL and Java realizations of the OSA APIs

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OSA Cross-releases Work Plan

OSA Rel-6 Status Overview

Working on Rel-6 according to SA1 OSA Requirements:

Completed

- **Introduction of migration support mechanism (completed at CN#22, 12/2003)**
- **Framework Function for Federation (completed at CN#22, 12/2003)**
- **Policy management extensions (completed at CN#23, 03/2004)**

Ongoing

- **Multi Media Messaging function (remains 50 %; No progress reflected in the specs)**
- **Presence and Availability Management (50%: TS done, Mapping TR 0%; Consistent with CN1 delayed Rel-6 completion)**
- **OSA interfaces at different levels of abstractions (29.199 Parlay X, Web services) (remains 90 %; No progress reflected in the specs)**

Pending input from other WGs

- **User Profile (0 % progress; Still Pending input from SA1/2)**

Messaging

- **Work ongoing on implementation of the OSA MMS requirements and other messaging features for Rel-6.**
  - **Had a successful (ad-hoc) meeting at ETSI, 29-30 Jan 2004.**
  - **Had a successful messaging session in Atlanta, 16-20 Feb 2004.**

- **An LS from T2 to CN5 on MMS was received on Messaging Integration Broker. This resulted in a response LS N5-040107 (see NP-040067).**

- **A tentative CN5 messaging focused ad-hoc meeting is planned to progress this work (week 17).**
  - **A conference call is scheduled for March 22nd (week 13)**
  - **An action item to start an e-mail discussion was given**

OSA Interfaces at Different Levels of Abstraction

- **It is an abstraction and simplification of the OSA APIs, specified as Web Services**

- **Parlay X Web Services (29.199) was submitted to CN#22 for Information**

- **Work ongoing:**
  - **Parlay X web services (Rel-6 requirement)**
  - **WSDL realization of the OSA APIs (already in Rel-5, informative), maturing thanks to development feedback**

2nd OSA/Parlay Interop

- **Hosted by ETSI Plugtests Service, 26-30 Jan 2004**

- **16 companies (incl. 3 operators), 43 people**

- **Mostly Rel-4, some Rel-5 testing**

- **Participants very pleased, clarified many misunderstandings**

- **More detailed testing than 1st event (April 2003)**

- **Immediate feedback: 6 CRs proposed to CN5**

- **Press Release: http://www.etsi.org/pressroom/Previous/2004/2004_01_Parlay.htm**

- **To be continued...**

Support of High Availability at OSA API Level

- **Communication between SA and CN5**
  - **An LS was sent in Jan 2004 from CN5 to SA, copy SA1: N5-040026 (see NP-040067).**

- **CN5 continues discussing this issue and is considering the possibility of updating the LS to SA reflecting the latest discussions**

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CN1 Discussion on Access-independence

- **At CN5#22 (Bangkok 01/2003) it was agreed that CN5 should monitor the activities in CN1 in support of the Work Item for Access-independence should any changes to TS 23.218 need to be reflected into the OSA specifications.**

- **The specifications under the control of CN5 have now been reviewed to see if the same terminology changes are required (see N5-040051). Two specifications currently refer to GPRS:**
  - **TS 29.198 Part 8 Data Session Control**
  - **TR 29.998 Part 8 Data Session Service Control mapping to CAP**

- **As a result of the analysis in N5-040051, CN5 agreed that no changes to the specifications under the responsibility of CN5 are necessary.**

- **CN5 recommended that the CN5 aspect of the Access Independence Work Item (IMSCOOP) be closed.**

CN1 Discussions on Presence

- **A requirement of the Rel-6 Presence work item is to produce a mapping document from the Presence set of OSA APIs to SIP**

- **CN1 work on Presence is stable enough for CN5 to start working on the mapping to OSA**

- **No resources have been found in CN5 for working on the (informative) mapping documents for quite a while**

- **CN5 has made a new call for volunteers for this work**

- **CN5 would like to ask CN companies to take this activity into account**

IETF dependencies

IETF dependency table is now completely up-to-date from the point of view of CN5:

- A dependency on **draft-ietf-sipping-3pcc-03.txt** for the OSA mapping to IMS

- A dependency on **http://www.ietf.org/internet-drafts/draft-ietf-simple-presence-10.txt** (SIP Extensions for Presence)

SA1 Rel6 OSA Requirements Clarifications

- **OSA requirements "clean-up" was finished at CN#22**

  (clean-up = deletion of SA1 requirements inherited from Rel-5 and NOT supported in CN5 Stage 3 work)

- **CN5's Rel-6 WID for OSA Stage 3 has been updated accordingly (for CN#23 Approval in NP-040068)**

- **Reminder: SA1 needs to update 22.127 (OSA Stage 1) accordingly**

The very bad shape of OSA Stage 2 (SA2's 23.127)

- **OSA stage 2 has not been updated for a long time**
  - **It does not even reflect all OSA Rel-5 functionality**

- **Stage 2 documents are far more readable than stage 3 specifications, which is relevant in these "gaps and overlaps" days**

- **CN5 companies have been alerted, they will contact their SA2 delegates to try to solve this**

- **CN5 would like to ask CN companies to take this activity into account**

SA1 and SA2 on GUP

- **SA1 has finished Rel-6 GUP Stage 1, which was approved at SA#21 (09/2003) in SP-030469. SA1 needs now to derive the OSA Rel-6 Requirements resulting from the GUP Requirements.**
  This was requested by CN5 from SA1 in LS N5-030615 (NP-030536). CN5 also requested SA2 in LS N5-030615 (see NP-030536) to perform the necessary architectural analysis of these Requirements.

- **SA2 replied: current User Profile related requirements in OSA stage 1 have been set before the work on Generic User Profile started in 3GPP. The relationship between User Profile Management in OSA and 3GPP Generic User Profile is up for further contributions.**

- **SA1 replied: SA1 is still working on OSA GUP related requirements and is hoping to provide CRs to 22.127 at the next SA1 meeting (May 2004).**

- **… so CN5 is waiting, and propose to keep the GUP OSA Rel-6 requirement until a reply is received from SA1.**

OMA

- **CN5 has been reporting for a while no dependencies, but overlaps with OMA**
  - **Overlaps may become dependencies, or diverging standards!!**

- **CN5 chair participated in the SA1 + OMA Req workshop (Innsbruck, Jan 2004) and reported to CN5 the following action items:**
  - **AI#9: SA1 to consider, coordinating with the relevant 3GPP groups to communicate to OMA a list of functionalities provided by OSA Rel-6 as Web Services.**
  - **AI#10: OMA to consider to provide to 3GPP a list of Web Services that have been developed in OMA.**

- **CN5 volunteers to be the "relevant 3GPP group" for AI#9.**
- **CN5 believes that when updated for Rel6, OSA stage 2 could help AI#9.**

- **SA1 and OMA Req chairs have been contacted for coordination on this**

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Meetings held

CN5 #25bis (Messaging)

- 29-30 January 2004, Sophia Antipolis, hosted by ETSI
- Attended by 12 delegates
- Report in NP-040065 (N5-041012)

CN5 #26

- 16-20 February 2004, Atlanta, USA, hosted by NAF
- Attended by 12 delegates
- Draft Report in NP-040066 (N5-040007)

Meeting calendar

TITLE	DATES	LOCATION	CTRY
3GPPCN5#25-bis (Messaging)	**29 - 30 Jan 2004**	**Sophia Antipolis**	**FR**
3GPPCN5#26 with CN1-4	**16 - 20 Feb 2004**	**Atlanta**	**US**
3GPPCN#23	**10 - 12 Mar 2004**	**Phoenix**	**US**
3GPPCN5#26-bis (Messaging) TBC **3GPPCN5#27 with Parlay**	*19-23 Apr 2004* **10 - 14 May 2004**	*Sophia Antipolis* **Miami**	*FR* **US**
3GPPCN#24	**2 - 4 Jun 2004**	**KOREA**	**KR**
3GPPCN5#28 **Not anymore with CN1-4**	**10 –13 Aug 2004**	**New Jersey** **(Host: Telcordia)**	**US**
3GPPCN#25	**8 - 10 Sep 2004**	**Palm Springs**	**US**
3GPPCN5#29 with Parlay	**1 - 5 Nov 2004**	**Zurich**	**CH**
3GPPCN#26	**8 - 10 Dec 2004**	**Athens**	**GR**

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Contributions to this meeting

Tdoc	Agenda	Type	Tdoc Title
NP-040063	6.5.1	REPORT	Chair's report from CN5 (slide presentation)
NP-040064	6.5.1	LS OUT	LSs outgoing from CN5 between CN#22 and CN#23
NP-040065	6.5.1	REPORT	Report of CN5#25bis, Sophia Antipolis, FRANCE, 29-30 Jan 2004
NP-040066	6.5.1	REPORT	Draft Report of CN5#26, Atlanta, USA, 16-20 Feb 2004
NP-040067	6.5.1	ToR	Draft update of CN5 Terms of Reference
NP-040068	9.7	WID	Draft update of Rel-6 Work Item Description for OSA Stage 3 (Update of CN#22-approved NP-030558)

CN#23 is invited to

a) Note   NP-040063/4/5/6
b) Approve   NP-040067/8

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joint-API-group

warmly thanks the meeting hosts for the excellent meeting facilities provided:

- **ETSI for CN5#25bis in Sophia Antipolis**

- **NAF for CN5#26 in Atlanta**
  The "North American Friends of 3GPP"

  (AT&T Wireless, Cingular Wireless, Ericsson, InterDigital Communications, Lucent, Nokia, Nortel Networks, Sharp Laboratories, Skyworks Solutions, T-Mobile, TruePosition)