# *TSG-CN WG5 (Open Service Access) Status Report*

**joint-API-group**

**Reported by**

## Chelo ABARCA
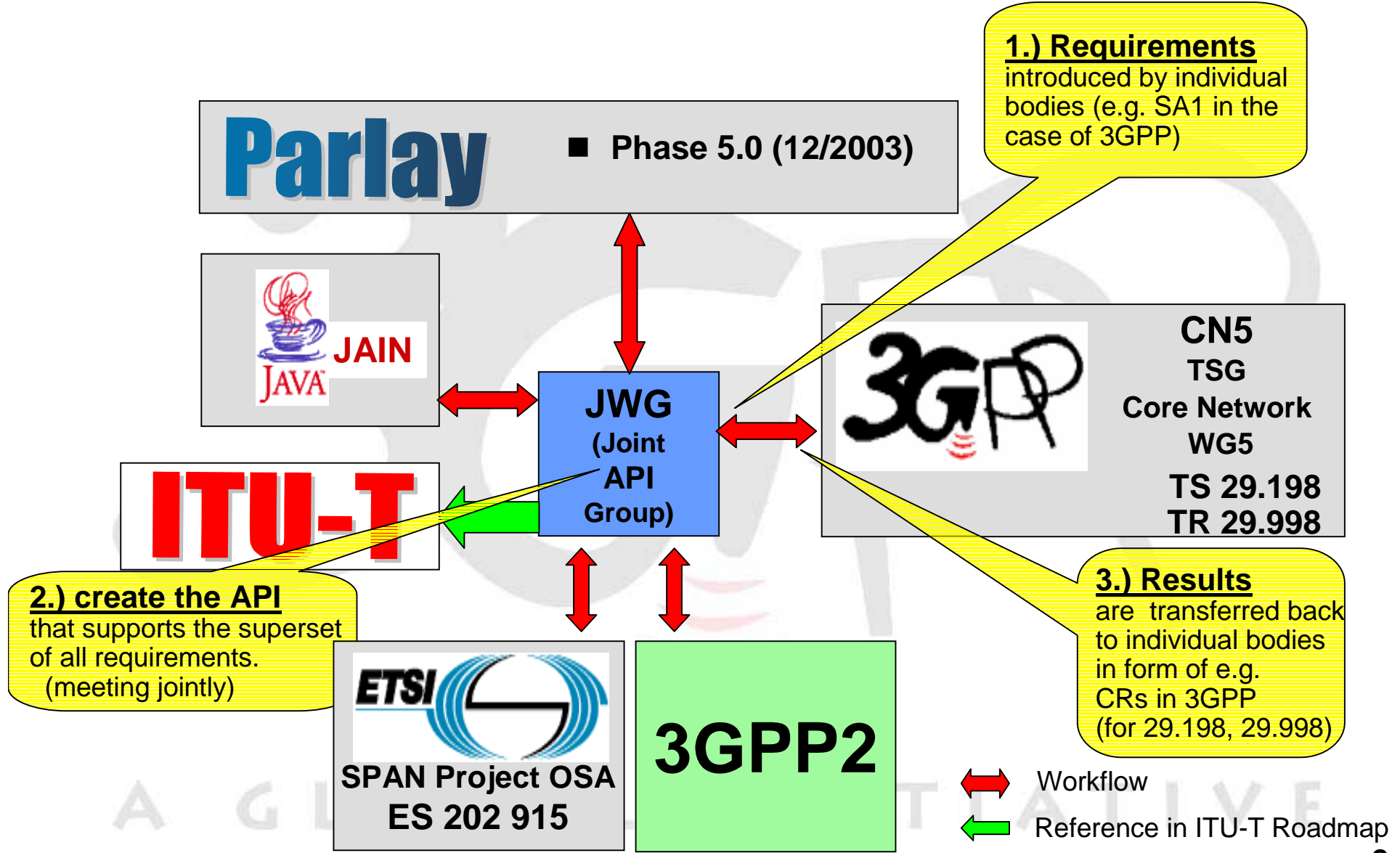## CN5 Chair

**Reported by**

## Musa UNMEHOPA
## CN5 Vice-Chair

# *Relation to Standardisation Bodies* 3GPP

A GLOBAL INITIATIVE

**Parlay**  ■ **Phase 5.0 (12/2003)**

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

**JAIN**

**ITU-T**

**JWG (Joint API Group)**

**CN5**
**TSG**
**Core Network**
**WG5**

**TS 29.198**
**TR 29.998**

**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, 29.998)

**ETSI**

**SPAN Project OSA**
**ES 202 915**

**3GPP2**

→ Workflow

→ Reference in ITU-T Roadmap

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**joint-API-group** *Officers*

- **3GPP TSG-CN5 Chairperson**
  Chelo ABARCA (Alcatel) – since 01/2003

- **3GPP TSG-CN5 Vice Chairman**
  Musa UNMEHOPA (Lucent) – since 10/2001

- **Parlay representative**
  Richard STRETCH (BT)

- **Methodology Expert** – since 05/2000
  Ultan MULLIGAN (ETSI PTCC)

- **MCC Support** – since 01/2001
  Adrian ZOICAS (MCC)

# *Outline*

- **Achievements**
- **CN5 work status**
  - **Rel6 status overview**
  - **Coordination with other groups**
  - **Meetings**
- **For plenary approval**

# *Achievements*

## Rel-4:

- **Very successful OSA interoperability event organized by ETSI**
  (http://www.etsi.org/pressroom/Previous/2003/OSA_Parlay.htm)

## Rel-4/5:

- **Few CRs on very detailed level – respecting Backwards Compatibility**

## Rel-5:

- **3GPP2 OSA Rel-5 out for publication as both TIA and 3GPP2 specifications**
- **Java code will eventually be included in 3GPP Rel-5**

## Rel-6:

- **Gap analysis performed for Presence**
- **Work ongoing on Stage 3 for OSA Rel-6 requirements**
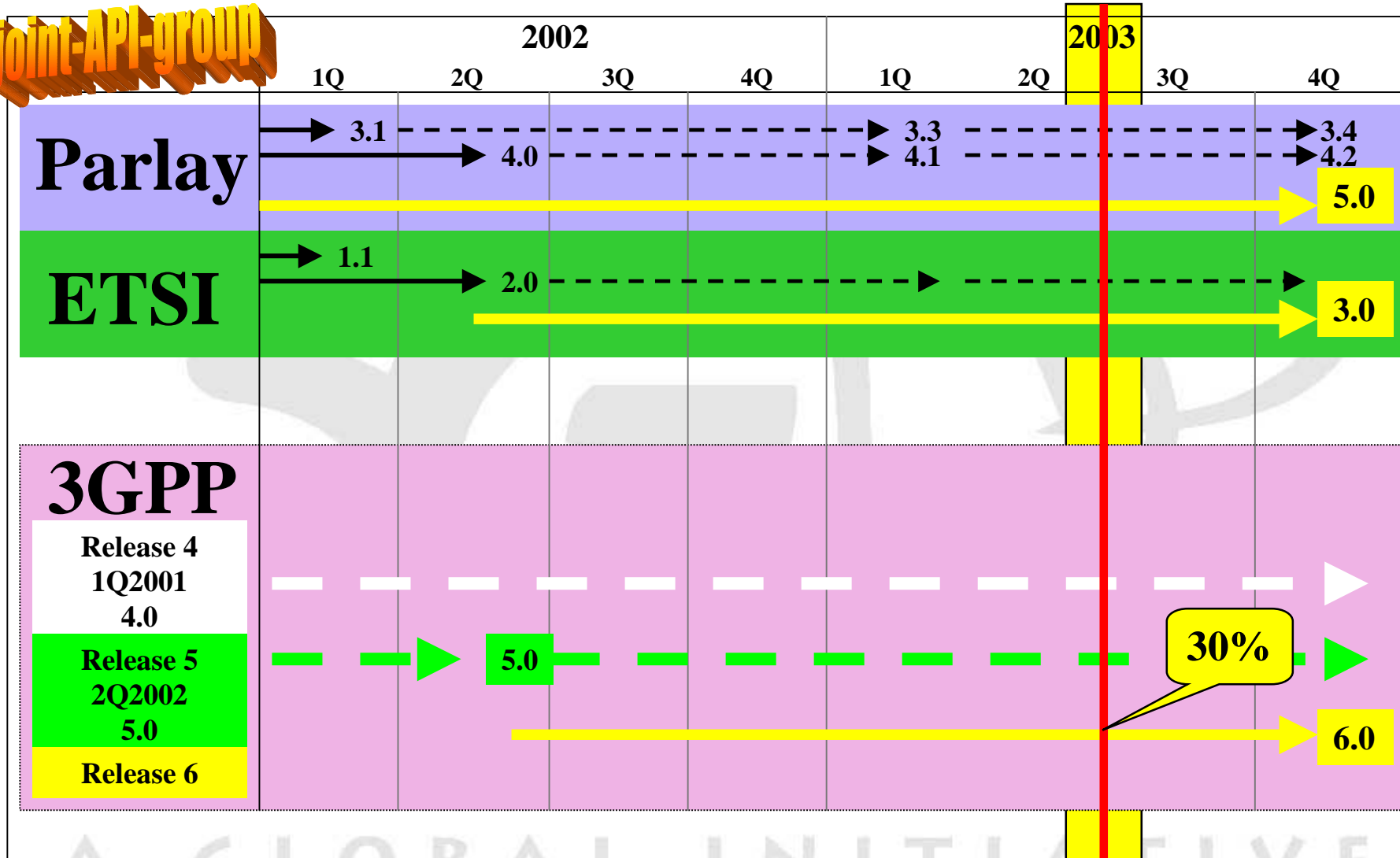- **TSG Approval remains 12/2003 (synch with Parlay 5.0).**

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# OSA Cross-releases Work Plan

# *Framework Enhancements*

- **The OSA Framework provides Access Control and Integrity Management**

- **Work is ongoing to enhance the current OSA Framework in the following areas:**

  - **Integrity Management**
  - **Support of High Availability Applications**

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# Co-ordination with 3GPP2

- **3GPP2 OSA Rel-5 out for publication as both TIA and 3GPP2 specifications**

- **3GPP2 OSA Rel5 = 3GPP OSA Rel5 + Delta document**

- **Delta document:**
    a) explains how to use the OSA specifications in 3GPP2 TSG-N
    b) states that the delta is ZERO (nothing needs to be changed)

- **From Rel6 onwards there will be no further 3GPP2 OSA publications**

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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.**

- **Apart from a minor change in terminology (PCF to PDF) there has been no further work in CN1 on this Work Item.**

- **SA2 is currently working on a TR for IMS Commonality and Interoperability as part of Rel-6.**
  **Until this work is further advanced in SA2 it is unlikely that further changes in respect of the CN specifications will be discussed in CN work groups.**

# CN1 Discussion on Presence

- A requirement of the Rel-6 Presence work item is to produce a mapping document from the Presence set of APIs to SIP.
CN1 are currently in the process of defining the SIP signalling flows to support the presence requirements.  TR 24.841 has been created as a temporary holding document for all the CN1 changes to support Presence. An Open Issues list has also been created in CN1.

- While CN1 are making progress towards completion of this WI a lot still remains to be done, not least of which are the changes to SIP. CN1 have identified a number of dependencies on the IETF for the SIP enhancements, there are currently 8 draft documents being progressed within the IETF and until this work is completed CN1 cannot complete their work.

- Impact on CN5's 29.198-14 OSA API Part 14: Presence and Availability Management (PAM) is so far unclear.

# SA1 Rel6 OSA Requirements clarifications

- **At SA1#20 (Seoul 04/2003), SA1 deleted the OSA Rel-6 requirements for:**
  - Generic Network Interface Function
  - Information Transfer Function
  - Information Services Function

- **At SA1#20, SA1 stated that they may still re-evaluate:**
  - Retrieval of Visited Network Capabilities
  - Enhanced User Privacy in LCS
  - Network Functions for End-User/Application Interface Support

- **It is the understanding of CN5 that the OSA Rel-6 requirement for "IP Session Control Function" may be deleted as well. However, so far no LS to this affect has been received.**

- **Most issues are solved now, some pending responses from SA2**

**Joint-API-group outgoing Liaison Statements**

- **1 outgoing LS since CN#19 (see NP-030233)**

N5-030286    LS to SA2 (cc: CN, SA) on User Data Management architecture requirements

CN is invited to note this LS under Agenda item 6.5.1

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**joint-API-group Meetings**

- **CN5 #23**

  – **19-22 May 2003 in San Diego, CA, USA, hosted by NA Friends of 3GPP, co-located with Parlay**

  – **Attended by 16 delegates**

  – **Report in NP-030234 (N5-030107)**

**CN is invited to note this Report under Agenda item 6.5.1**

# *Future meetings*

| Meeting | Date | Location | Host |
|---------|------|----------|------|
| **CN5#24** | **14-18 July 2003** | **San Francisco, USA** | **3GPP2** |
| TSG#21 | 16-25 Sep 2003 | Berlin, GERMANY | |
| **CN5#25** | 27-31 Oct 2003 | China (Change of venue?) | |
| TSG#22 | 9-18 Dec 2003 | Hawaii, USA | NA Friends |

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# Contributions to this meeting

| TDoc # | Agenda | Tdoc Title |
|--------|--------|------------|
| NP-030232 | 6.5.1 | Chair's report from CN5 (slide presentation) |
| NP-030233 | 6.5.1 | LSs outgoing from CN5 between CN#19 and CN#20 |
| NP-030234 | 6.5.1 | Draft Report of CN5#23, San Diego, USA, 19-23 May 2003 (N5-030107) |
| NP-030235 | 7.10 | Rel-4 CR 29.198-01 OSA API Part 1: Overview |
| NP-030236 | 7.10 | Rel-4 CR 29.198-02 OSA API Part 2: Common data |
| NP-030237 | 7.10 | Rel-4 CR 29.198-03 OSA API Part 3: Framework |
| NP-030238 | 7.10 | Rel-4 CR 29.198-04/5/8 OSA API Part 4/5/8: Call control / Generic user interaction / Data session control |
| NP-030239 | 8.2 | Rel-5 CR 29.198-01 OSA API Part 1: Overview |
| NP-030240 | 8.2 | Rel-5 CR 29.198-14/02 OSA API Part 14/2: Presence and Availability Management (PAM) / Common data |
| NP-030241 | 8.2 | Rel-5 CR 29.198-14/03 OSA API Part 14/3: Presence and Availability Management (PAM) / Framework |
| NP-030242 | 8.2 | Rel-5 CR 29.198-04-1 OSA API Part 4: Call control; Sub-part 1: Call Control Common Definitions |
| NP-030243 | 8.2 | Rel-5 CR 29.198-04-4 OSA API Part 4: Call control; Sub-part 4: Multi-Media Call Control SCF |
| NP-030244 | 8.2 | Rel-5 CR 29.198-05 OSA API Part 5: Generic user interaction |
| NP-030245 | 8.2 | Rel-5 CR 29.198-14 OSA API Part 14: Presence and Availability Management (PAM) |
| NP-030246 | 9.7 | Rel-6 CR 29.198-04-1 OSA API Part 4: Call control; Sub-part 1: Call Control Common Definitions |
| NP-030247 | 9.7 | Rel-6 CR 29.198-04-3 OSA API Part 4: Call control; Sub-part 3: Multi-Party Call Control SCF |
| NP-030248 | 9.7 | Rel-6 CR 29.198-04-4 OSA API Part 4: Call control; Sub-part 4: Multi-Media Call Control SCF |
| NP-030249 | 9.7 | Rel-6 CR 29.198-06 OSA API Part 6: Mobility |
| NP-030250 | 9.7 | Rel-6 CR 29.198-13 OSA API Part 13: Policy management SCF |

# 3GPP OSA Stage 3 Rel-4 Issues

- **CR 29.198-01 OSA API Part 1: Overview**      NP-030235
- **CR 29.198-02 OSA API Part 2: Common data**      NP-030236
- **CR 29.198-03 OSA API Part 3: Framework**      NP-030237

- **CR 29.198-04/5/8 OSA API Part 4/5/8: Call control / Generic user interaction / Data session control**      NP-030238

**CN approval is requested under Agenda item 7.10**

# 3GPP OSA Stage 3 Rel-5 Issues

- CR 29.198-01 OSA API Part 1: Overview        **NP-030239**

- CR 29.198-14/02 OSA API Part 14/2: Presence and Availability Management (PAM) / Common data    **NP-030240**

- CR 29.198-14/03 OSA API Part 14/3: Presence and Availability Management (PAM) / Framework    **NP-030241**

- CR 29.198-04-1 OSA API Part 4: Call control; Sub-part 1: Call Control Common Definitions    **NP-030242**

- CR 29.198-04-4 OSA API Part 4: Call control; Sub-part 4: Multi-Media Call Control SCF    **NP-030243**

- CR 29.198-05 OSA API Part 5: Generic user interaction    **NP-030244**

- CR 29.198-14 OSA API Part 14: Presence and Availability Management (PAM)    **NP-030245**

**CN approval is requested under Agenda item 8.2**

# 3GPP OSA Stage 3 Rel-6 Issues

- **CR 29.198-04-1 OSA API Part 4: Call control;**
  **Sub-part 1: Call Control Common Definitions**    NP-030246

- **CR 29.198-04-3 OSA API Part 4: Call control;**
  **Sub-part 3: Multi-Party Call Control SCF**    NP-030247

- **CR 29.198-04-4 OSA API Part 4: Call control;**
  **Sub-part 4: Multi-Media Call Control SCF**    NP-030248

- **CR 29.198-06 OSA API Part 6: Mobility**    NP-030249

- **CR 29.198-13 OSA API Part 13: Policy**
  **management SCF**    NP-030250

**CN approval is requested under Agenda item 9.7**