3GPP TSG CN Plenary Meeting #21
17 - 19 September 2003, Frankfurt am Main, GERMANY

NP-030437
rev. NP-030350

3GPP
A GLOBAL INITIATIVE

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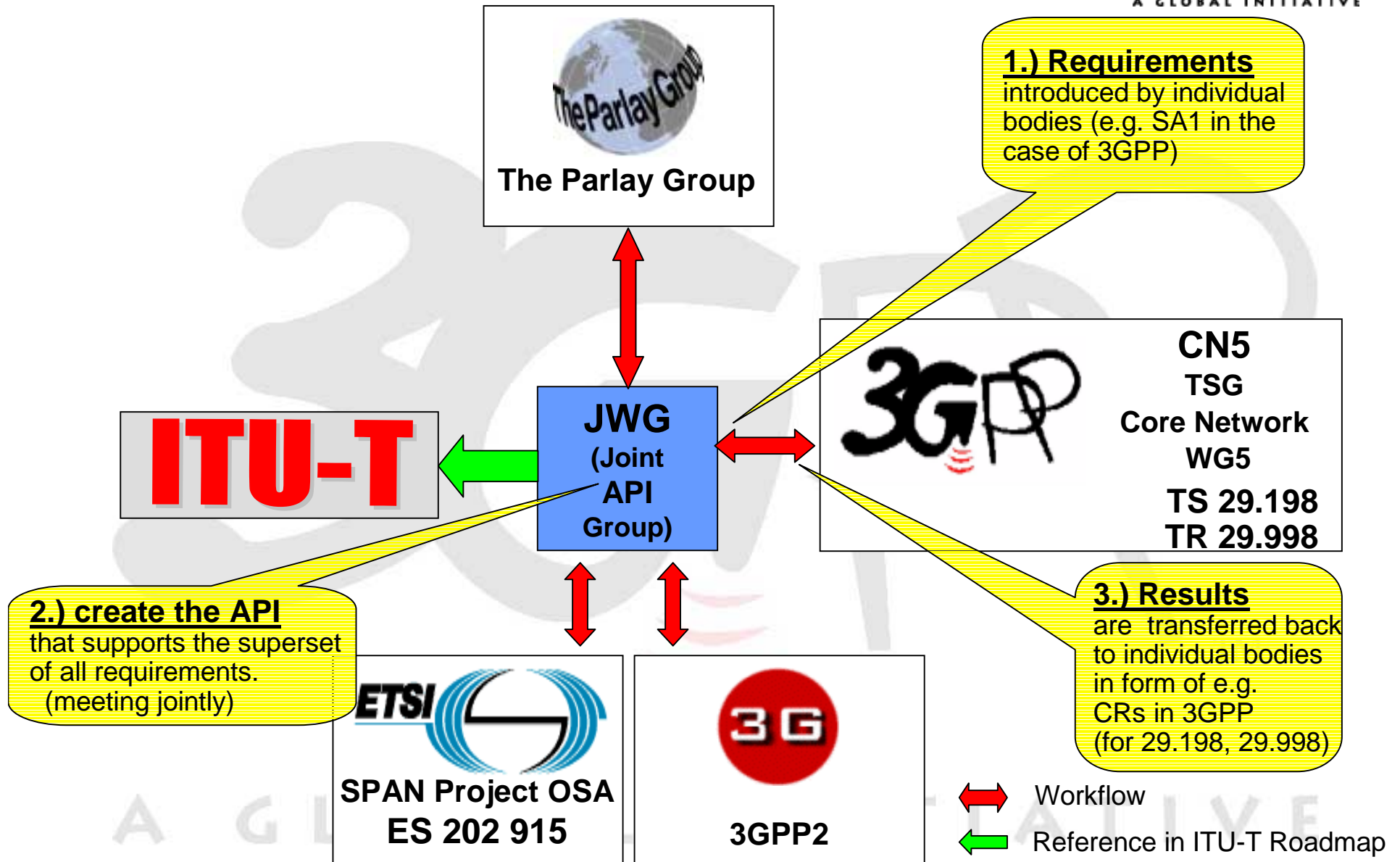# *Status Report*

Joint-API-group

Reported by

Chelo ABARCA
CN5 Chair

Reported by

Musa UNMEHOPA
CN5 Vice-Chair

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Relation to Standardisation Bodies

The Parlay Group

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)

SPAN Project OSA
ES 202 915

3GPP2

Workflow

Reference in ITU-T Roadmap

2

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**

- **Musa will not candidate for a 2nd term. Elections for 2 VC positions are already planed for CN5#25 in Bangkok (Oct 2003). This was already announced via the 3GPP email lists.**

- **ETSI SPAN 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**
  - **Rel6 status overview**
  - **Coordination with other groups**
  - **Meetings**
- **For plenary approval/information**
- **Acknowledgements**

Achievements

Rel-5:

- **CRs to include Java code are submitted to CN#21 for Approval**

Rel-6:

- **Work ongoing on Stage 3 for OSA Rel-6 requirements**
- **TSG Approval remains 03/2004 (synch with Parlay 5.0)**

Java Code for Rel-5

- Reminder: Jain SPA is no longer a supported activity, so 3GPP CN5 references to it are being replaced by company contributions, based on the Java rulebook (as agreed in NP-030239 at CN#20).

- Agreed at CN#20:
  - how to do it;
  - to allow Rel-5 CRs for this.

- Thanks to the efforts of Aepona and IBM, the CRs with Java code are ready for CN#21 (NP-030352).

- Maintenance will be as with existing IDL and WSDL (tools already provided to ETSI PTCC).

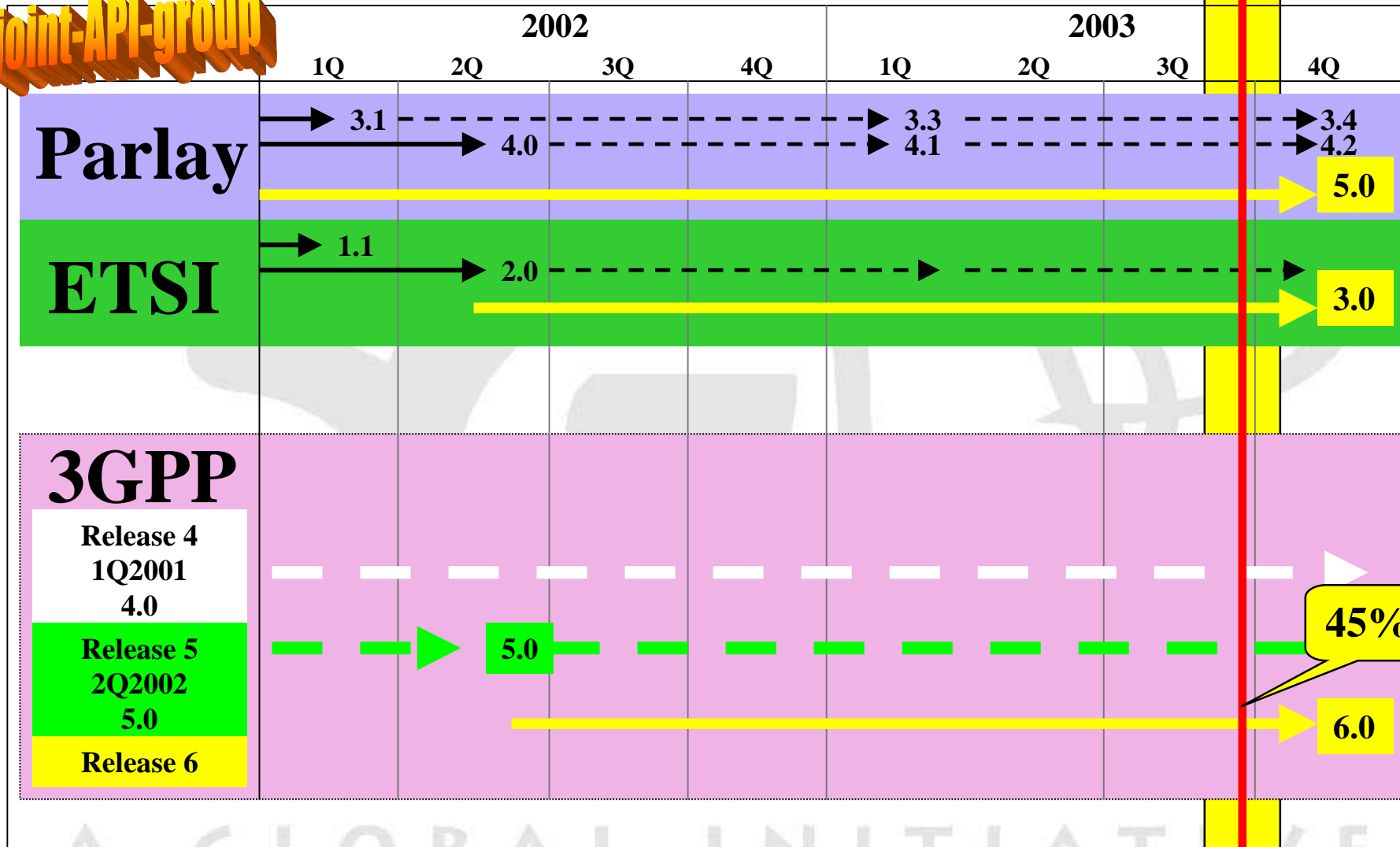- After implementation of the CRs (NP-030352) the Java code is published. CN5 expect feedback from implementors.

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OSA Cross-releases Work Plan

OSA Rel6 Status Overview (1/2)

Working on Rel-6 according to SA1 OSA Requirements:

- Management / User data security management
- Retrieval of Visited Network capabilities - SA1 may still re-evaluate
- Access to IP Session information
- Multi Media Messaging function
- Enhanced user privacy in LCS - SA1 may still re-evaluate
- Policy management extensions
- Presence and Availability Management
- OSA interfaces at different levels of abstractions (Parlay X, Web services)
- Introduction of migration support mechanism
- User Profile
- Network functions for end-user/application interaction support - SA1 may still re-evaluate
- Framework Function for Federation
- IP Session Control Function - SA1 may delete as well

Legend

ongoing
pending input from other WGs
no contributions received

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OSA Rel6 Status Overview

ongoing
pending input from other WGs
no contributions received

ID	Name	Finnish	% Compl	Notes
15010	Rel-6 Feature OSA enhancements	Mar 04	45%	Rel-6 completion remains 03/04
15022	User Data Management / User data security management (Stage 3)	Mar 04	0%	No support from SA2. (and none to come according to recent LS).
15024	Retrieval of Visited Network capabilities	Dec 03	0%	No contributions since two CN meetings. CN5 requests from CN their removal from the Work Plan
15025	Access to IP Session information	Mar 04	0%	No support from SA2.
15026	Multi Media Messaging function	Mar 04	50%	Completion 12/03->03/04 .
15027	Enhanced user privacy in LCS	Dec 03	0%	No contributions since two CN meetings. CN5 requests from CN their removal from the Work Plan
15028	Policy management extensions	Mar 04	40%	Completion 12/03->03/04. .
15029	Presence & Availability Mgmt (PRESNC)	Mar 04	40%	Completion 12/03->03/04. SIP Mapping on 09/04 Consistent with CN1 delayed Rel-6 completion.
15032	OSA interfaces at different levels of abstractions (Parlay X, Web services)	Mar 04	80%	Completion 12/03->03/04.
15033	Introduction of migration support mechanism	Mar 04	90%	Completion 60%->90%.
15034	User Profile	Mar 04	0%	Pending input from SA1/2.
15035	Network functions for end-user/ application interaction support	Dec 03	0%	No contributions. Reason: SA1 requirement may disappear
15036	Framework Function for Federation	Mar 04	90%	N5 believes that current FW supports this req. without changes.
15037	Enhancements to IP Session Function in OSA for the control and monitor of IP Flows	Mar 04	0%	SA1 wants to keep it, SA2 does not

Framework Enhancements

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

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

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

Messaging

- **Work is ongoing on a new SCF for Rel-6, which implements the OSA MMS requirements and other messaging features**

OSA Interfaces at Different Levels of Abstraction

- **Usually known as Parlay X Web Services**
- **An abstraction and simplification of the OSA APIs specified as Web Services**
- **Not to mistake with WSDL realization of the OSA APIs (already in Rel-5)**
- **Question to the CN Plenary: any objection to the use of the term "Parlay X" in the 3GPP specifications? Reasons:**
  - **It already has a brand name.**
  - **It avoids confusion with the existing WSDL realization of the OSA APIs.**

  For the above reasons CN5 would like to recommend the use of the term "Parlay X" within 3GPP specifications.

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OMA

- **CN5 believes:**

  - **No dependencies: OSA work is not dependent on any work in OMA.**
  - **CN5 do have overlaps (as described in SP-030198).**

- **CN5 would like to continue discussing how to handle the overlaps, after the general discussion in the 3GPP/OMA Workshop**

Co-ordination with 3GPP2

- **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)

- **3GPP2 OSA Rel-5 already published as both TIA and 3GPP2 specifications**

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

- **Last OSA meeting was hosted by 3GPP2 and co-located with them**

SA1 Rel6 OSA Requirements clarifications

- **Last version of the OSA WID (NP-030353) updated in line with deletion in SA1 of the requirements:**

  - **Generic Network Interface Function**
  - **Information Transfer Function**
  - **Information Services Function**

- **No contribution for two CN plenaries for the following requirements:**

  - **Retrieval of Visited Network Capabilities**
  - **Enhanced User Privacy in LCS**

  CN5 requests from CN their removal from the Work Plan

- **SA2 believes the OSA Rel-6 requirement for "IP Session Control Function" should also be removed; SA1 would like to keep it for the time being. Stage 3 work waiting a decision on this point.**

IETF dependencies

- **The 3GPP dependency table in SP-030319 identifies an OSA dependency on draft-ietf-sipping-3pcc-03.txt with consequence "OSA cannot support IMS":**

    – **The dependency is only for the OSA mapping TR (I.e. NOT normative).**

    – **CN5 would like CN to consider re-phrasing the consequence to "No OSA to IMS mapping TR".**

- **Addition needed: CN5 also has a dependency on http://www.ietf.org/internet-drafts/draft-ietf-simple-presence-10.txt (SIP Extensions for Presence)**

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joint-API-group Meetings

- ## CN5 #24

  - **14-18 July 2003, San Francisco, hosted by 3GPP2 and co-located with them**

  - **Attended by 12 delegates + 4 via conference bridge**

  - **Draft Report in NP-030351 (N5-030307)**

CN is invited to note this Report under Agenda item 6.5.1

Future meetings

TITLE	DATES	LOCATION	CTRY
3GPPCN#21	17 - 19 Sep 2003	Frankfurt	DE
3GPPCN5#25	27 - 31 Oct 2003 with CN1-4	Bangkok	TH
3GPPCN#22	10 - 12 Dec 2003	Hawaii	US
3GPPCN5#26	16 - 20 Feb 2004 with CN1-4	TBD	
3GPPCN#23	10 - 12 Mar 2004	TBC	US
3GPPCN5#27	10 - 14 May 2004 with Parlay or CN1-4	TBD	
3GPPCN#24	2 - 4 Jun 2004	KOREA	KR
3GPPCN5#28	16 - 20 Aug 2004 with CN1-4	Sophia Antipolis	FR
3GPPCN#25	8 - 10 Sep 2004	US	US
3GPPCN5#29	15 - 19 Nov 2004 with Parlay or CN1-4	TBD	
3GPPCN#26	8 - 10 Dec 2004	Athens	GR

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Contributions to this meeting

TDoc #	Agenda	Title
NP-030350	6.5.1	Chair's report from CN5 (slide presentation)
NP-030351	6.5.1	Draft Report of CN5#24, San Francisco, USA, 14-18 July 2003 (N5-030307)
NP-030352	8.2	15 Rel-5 CRs 29.198-xy OSA API Parts 1-14: Correction to Java Realisation Annex
NP-030353	9.7	Revised Rel-6 Work Item Description for OSA Stage 3

3GPP OSA Stage 3 Rel-5 Issues

- 15 Rel-5 CRs 29.198-xy OSA API Parts 1-14:
  Correction to Java Realisation Annex   NP-030352

CN approval is requested under Agenda item 8.2

3GPP OSA Stage 3 Rel-6 Issues

- **Revised Rel-6 Work Item Description for OSA Stage 3** **NP-030353**

CN approval is requested under Agenda item 9.7

Acknowledgements

- **To our meeting hosts, especially 3GPP2 who hosted us for the first time**

- **To Aepona and IBM who produced, compiled and tested the Java code in time for this plenary**