TSG-CN WG5
(Open Service Access)
Status Report

Joint-Working-Group

Reported by

Chelo ABARCA
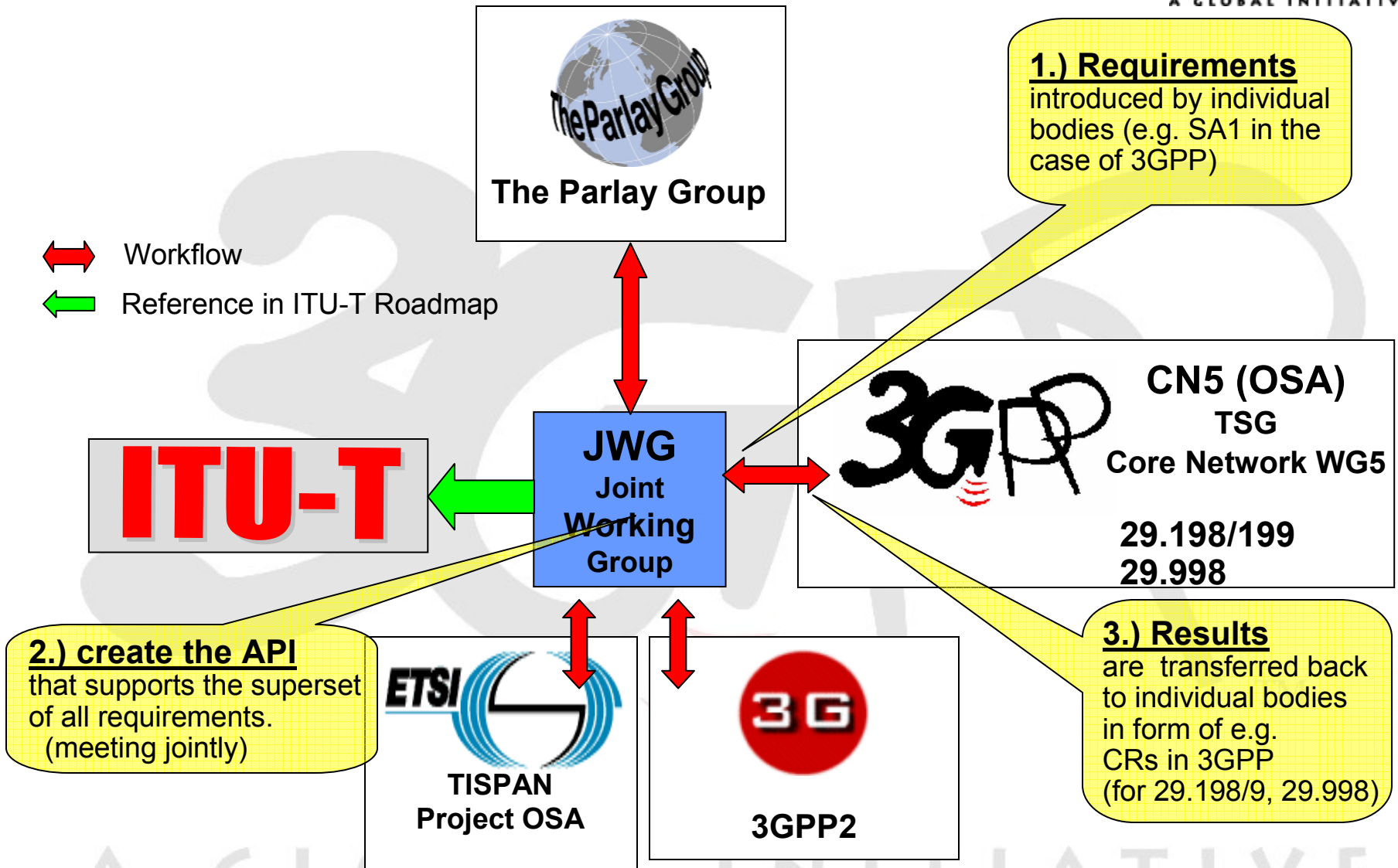**CN5 Chair**

Reported by

John-Luc BAKKER
CN5 Vice-Chair

Relation to Standardisation Bodies 3GPP

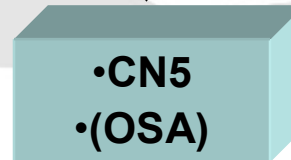*A GLOBAL INITIATIVE*

The Parlay Group

→← Workflow

→ Reference in ITU-T Roadmap

ITU-T

JWG
Joint
Working
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

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

ETSI

TISPAN
Project OSA

3G

3GPP2

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

The 3GPP side:

3GPP Production flow of OSA specifications from Releases 6

•SA1

•OSA Stage 1: Service requirements

•CN5 •(OSA)

•Architecture requirements

•SA2

•OSA Stage 2: Architecture requirements

•CN5 •(OSA)
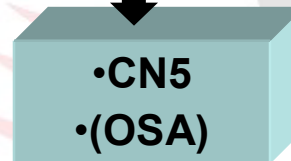
•OSA Stage 3: protocols

Officers

- **3GPP TSG-CN5 Chairperson**
  Chelo ABARCA (Alcatel) – since 01/2003
  Elections are planned in 05/2005

- **3GPP TSG-CN5 Vice Chairman**
  John-Luc BAKKER (Telcordia) – since 10/2003
  Elections for a 2nd Vice Chair are planned in 05/2005

- **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**
  - **Status overview**
  - **Coordination with other groups**
  - **Meetings**
- **For plenary approval/information**
- **Acknowledgements**

Achievements

Rel-6:

- **OSA Stage 2 in New TS 23.198 – for CN#27 Approval**
- **Parlay X mapping TRs – available as ETSI TRs**

Rel-7:

- **Work started on Stage 2 for OSA Rel-7 requirement (Service Brokering capabilities);**
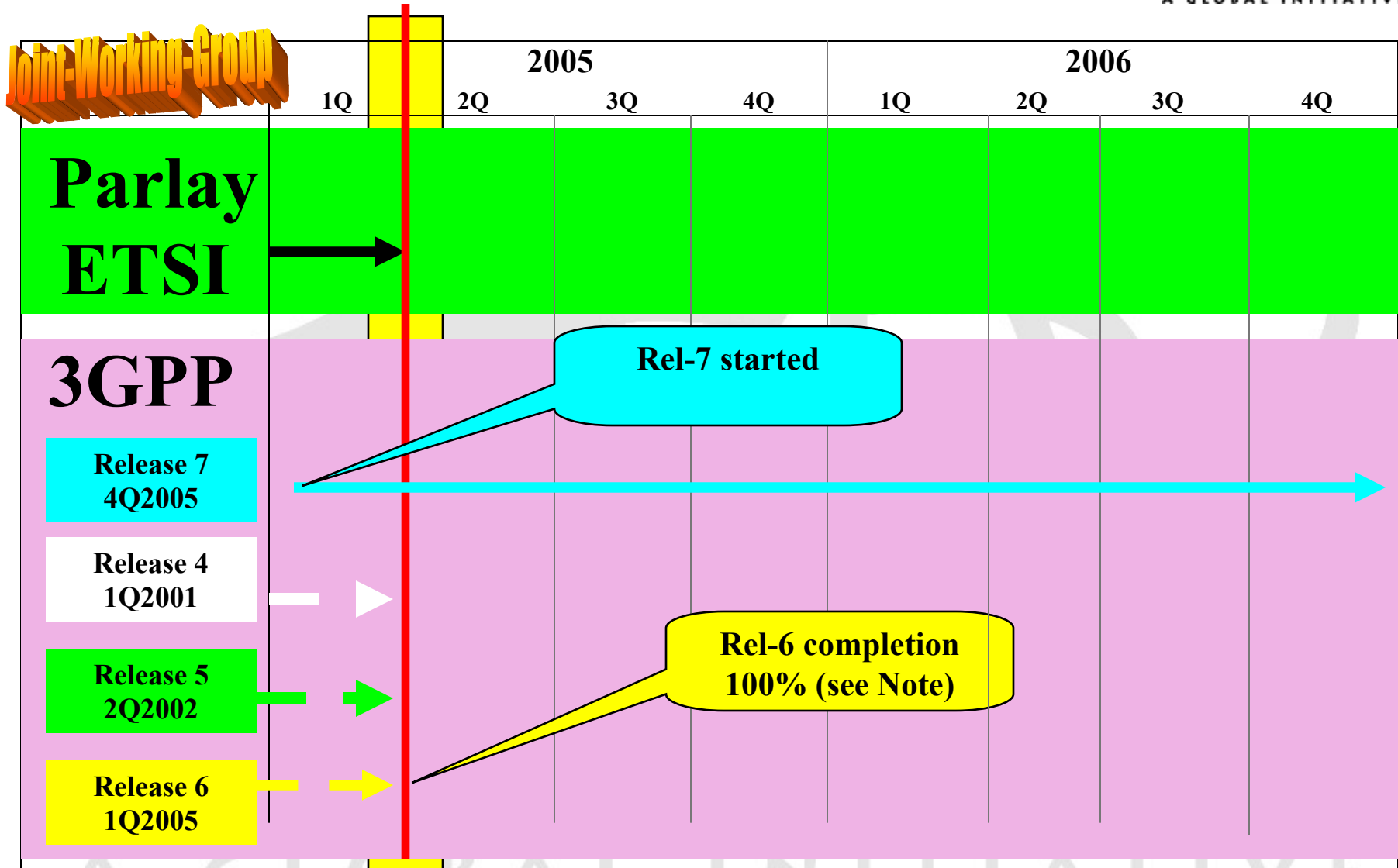- **Subsequently Stage 3 work will be done**

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OSA Cross-releases Work Plan

Joint-Working-Group

	2005				2006			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q

Parlay ETSI

3GPP

Rel-7 started

Release 7
4Q2005

Release 4
1Q2001

Rel-6 completion 100% (see Note)

Release 5
2Q2002

Release 6
1Q2005

NOTE: New Rel-6 TS 23.198 OSA Stage 2 completed 03/2005

3GPP OSA Release 6

Stage 1 SA1

1

TS 22.127

Stage 2 CN5

1

TS 23.198

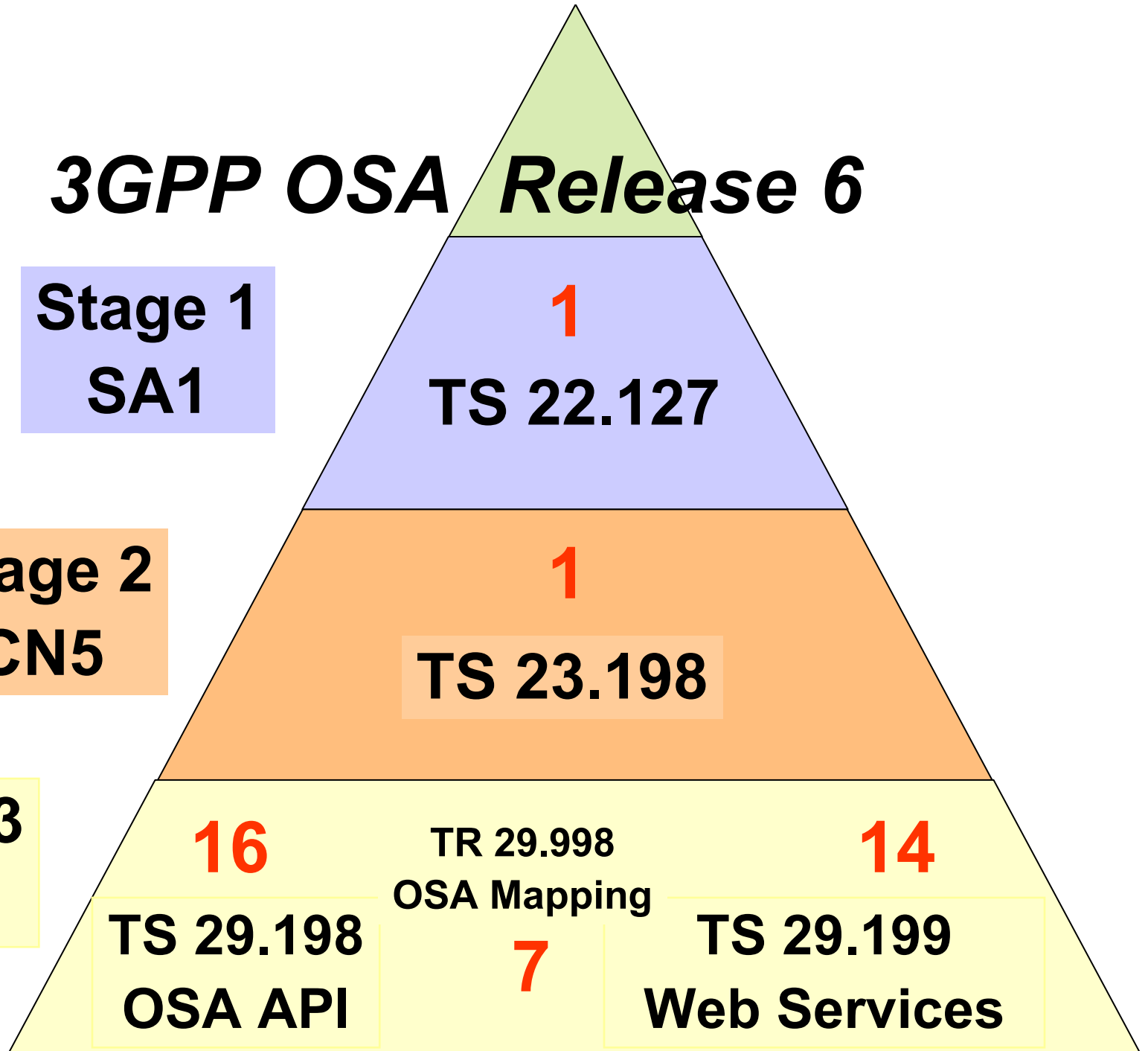**Stage 3 CN5**

16

TR 29.998 OSA Mapping

7

TS 29.198 OSA API

14

TS 29.199 Web Services

OSA Stage 2/3 Rel-6 Status Overview

Working on Rel-6 according to SA1 OSA Requirements:

OSA Stage 2 – Completed 03/2005
- TS 23.198 v200 – for CN#27 Approval

OSA Stage 3 - Completed 09/2004
- Introduction of migration support mechanism (CN#22, 12/2003)
- Framework Function for Federation (CN#22, 12/2003)
- Policy management extensions (CN#23, 03/2004)
- TS on Presence and Availability Management (CN#23, 03/2004)
- Multimedia Messaging function (CN#25, 09/2004)
- OSA interfaces at higher levels of abstractions (29.199 Parlay X web services) (CN#25, 09/2004)

Mapping TRs
- CRs adding references in NP-050021 (N5-050101) for CN Approval

OSA Mapping

- **OSA mappings are TRs, not TSs**

- **The OSA specifications include two sets of informational mapping TRs:**

  - **3GPP TR 29.998-xy - available since R99**
    - **Mappings for the "base" OSA APIs (TS 29.198-xy); (the OSA APIs are derived from the UML model)**

  - **ETSI TISPAN TRs - are new in Rel-6**
    - **Mappings for Parlay X Web Services (TS 29.199-xy), referred to in the 3GPP specifications**

Rel-7 Requirement: Service Brokering

- **SA1#27 approved a new OSA Rel-7 requirement, for OSA APIs to support Service Brokering capabilities (service selection, service provisioning, feature or service interaction and service chaining)**
  – see for information the SA1 WID and Rel-7 CR 22.127 in NP-050023

- **CN5#30 started addressing the architectural implications (stage 2) of this new requirement**

New Work: Security Weaknesses

- A formal analysis of a subset of the OSA Framework specification (3GPP TS 29.198-03) has detected some security weaknesses, specifically in the "Trust and Security Management" part (see N5-050032 for more information)

- CN5 has started discussing how to address these issues, and which releases should be impacted

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Coordination with other groups

ATIS

- ATIS Next Generation Network (NGN) Framework (NP-040476) was presented during CN5#30. It contains references to OSA. CN5 was encouraged to review the OSA sections and provide feedback before 15 March 2005.

OMA

- Nothing to report this time

OSA / Parlay Plugtests

- 14 - 18 Mar 2005, focused on Parlay X
- 26 - 30 Sep 2005, focused on Parlay

    http://www.etsi.org/plugtests/OSAPARLAY.htm

SA2

- CN5 successfully ended the transfer of responsibility for OSA Stage 2 (see New TS 23.198)

SA3

- LS with proposed SA3 CR sent - see NP-050024 / N5-050102 LS from CN5 to SA3 on updating SA3's TR 33.919 (Generic Authentication Architecture (GAA); System description)

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Joint-Working-Group *Meetings held*

CN5 #30

- 24-28 January 2005, Austin, USA, hosted by IBM

- Attended by **17 delegates**

- Draft Report in **NP-050019** (N5-050008)

- MCC support was **NOT** provided at this meeting (Note: **no MCC support will be provided for the next three (3) consecutive meetings either**)

Meeting calendar

TITLE	TYPE	DATES	LOCATION	CTRY
3GPPCN5#30	**WG**	**24 - 27 Jan 2005**	**Austin (no MCC support)**	**US**
3GPPCNx	WG	14 - 18 Feb 2005	Sydney	AU
3GPPCN#27	OR	9 - 11 Mar 2005	Tokyo	JP
3GPPCTx	WG	25 - 30 Apr 2005	Cancun	MX
3GPPCT5#31	**WG**	**9 - 13 May 2005**	**Osaka (no MCC support)**	**JP**
3GPPCT#28	OR	1 - 3 Jun 2005	Quebec	CA
3GPPCTx	WG	29 Aug - 2 Sep 2005	TBD	
3GPPCT5#32	**WG**	**29 Aug - 2 Sep 2005**	**London (no MCC support)**	**UK**
3GPPCT#29	OR	21 - 23 Sep 2005	Tallinn	EU
3GPPCT5#33	**WG**	**10 - 14 Oct 2005**	**Boston**	**US**
3GPPCTx	WG	31 Oct - 4 Nov 2005	EU	EU
3GPPCT#30	OR	30 Nov - 2 Dec 2005	Malta	MT

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Contributions to this meeting

Tdoc	Agenda	Type	Tdoc Title	WI	Rel	Source
NP-050018	6.5.1	REPORT	Status Report for TSG CN WG5	n/a	n/a	CN5 Chair
NP-050019	6.5.1	REPORT	CN5#30 Meeting Report	n/a	n/a	CN5 Chair
NP-050020	9.7	CR	Rel-6 CR 29.198-03 OSA API Framework: Add TpServiceTypeName for Multimedia Messaging SCF	OSA3	Rel-6	CN5
NP-050021	9.7	CR PACK	6 Rel-6 CRs 29.199-xy OSA Parlay X Web Serices	OSA3	Rel-6	CN5
NP-050022	9.7	TS	Rel-6 Draft TS 23.198 v200 (OSA Stage 2) – for Approval	OSA3	Rel-6	CN5
NP-050023	10.1	WID	Rel-7 SA1 Draft WID and CR 22.127 (OSA Stage 1) to go for SA March 2005 Approval – for CN Information & endorsement of the WID	OSA4	Rel-7	CN5
NP-050024	6.5.1	LS OUT	All LSs sent from CN5 since TSG CN#26 Meeting	n/a	n/a	CN5

Acknowledgements (1/2)

Joint-Working-Group

Chelo ABARCA (Alcatel)

for

over 5 years of active participation in Parlay (OSA)

over 1 year (2000/1) as 3GPP CN5 Vice-Chairperson

over 2 years (2003/2005) as 3GPP CN5 Chairperson

Acknowledgements (2/2)

Joint-Working-Group

- **We thank IBM, and specifically the McIntyres, for the excellent meeting arrangements and for the daily delivery of nicely arranged Girl Scout cookies.**

- **We congratulate the Embassy Suites for continuing their second-to-none complimentary feature.**