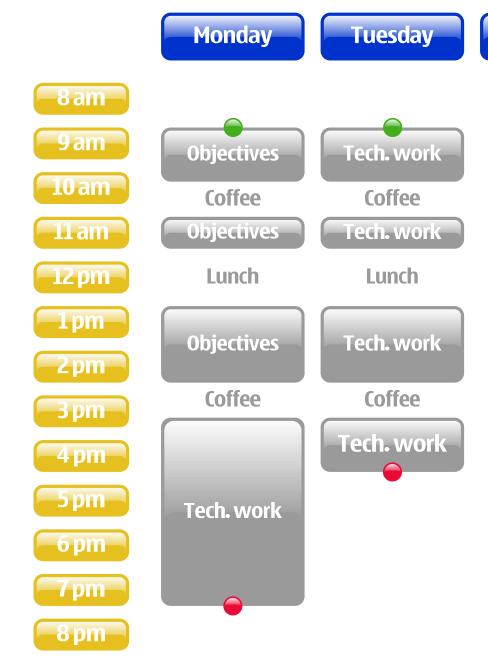
3GPP TSG GERAN Ad-Hoc on GAN Enhancements

Sophia Antipolis, France, 08-09 January, 2007 Chairman's summary

Guillaume SÉBIRE (Nokia-TP/Helsinki)





Wednesday

Thursday

Friday



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Objectives

- Proposed objectives (S1-061199) reviewed and agreed in GANE-07038
 - To be submitted for approval at GERAN#33
- Two categories of enhancements to be investigated
 - a) Forward compatible from Rel-6 GAN i.e. legacy GAN handsets will benefit from the enhancements – no new terminals needed
 - b) Not forward compatible from Rel-6 & Rel-7 GAN i.e. legacy GAN handsets will not benefit from the enhancements – new terminals needed
- During discussions some potential general improvements were highlighted
 - GAN specific QoS Management on Up interface: to be investigated
 - Techniques to minimize MS power consumption: to be investigated
 - ⇒ To be handled independent of the feasibility study



GAN A/Gn proposals

Rationale

- CS unchanged A interface
- Enhancements in the PS domain only No Gb

Two proposals

- Network-only proposal not impacting handsets, not needing any standardization activity i.e. network implementation only
 - See GANE-07004 (and GANE-07033)
- Proposal impacting networks and handsets
 - See GANE-07006 to GANE-070022; GANE-07031, GANE-07032
- No agreement More work needed Offline discussions encouraged



GAN lu proposals

Rationale

- Iu connectivity to GAN: "GAN" for UMTS
- GAN A/Gb unchanged Changes however not precluded

Two Proposals

- Primary difference: GTP-U termination in PS U-Plane: GANC vs. MS
- GTP-U Termination in the MS
 - See GANE-07002, GANE-07024 to GANE-07028, GANE-07035
- GTP-U Termination in the "Enhanced GANC"
 - See GANE-07023
- Both proposals impacting networks and handsets
- No agreement More work needed Offline discussions encouraged



General

- GAN Enhancements are not replacements of GAN (A/Gb)
 - Meant to co-exist in the standard with GAN A/Gb as of 3GPP Rel-x
 - Enhancement features are not mandatory
- An lu-cs / Gn alternative was briefly raised input needed as appropriate



Future meetings

• CED/N12#22

• GERAN #36

• GERAINZ#33	12 - 10 reblual y 2007	Seoul, South Rolea
GERAN2#33bis	26 - 30 March 2007	Montreal, Canada
• GERAN #34	14 - 18 May 2007	Shenzhen, China
GERAN2#34bis	25 – 29 Jun 2007	Póvoa de Varzim, Portugal
• GERAN #35	27 – 31 August 2007	Dublin, Ireland

Social South Koroa

Sophia Antipolis, France

TBD, USA

16 Fobruary 2007

12 – 16 November 2007



• GERAN2#35bis 08 – 12 Oct 2007