3GPP RAN#7

RP-000178

Example of project planning: Feature Provisioning of

IP-based multimedia services Feature Building Bloo **Building Block**

Work Task

Provisioning of IP-based multimedia services [S1 WI on service requirements including roaming]

<particular call control and</pre> Call control and roaming to support IP-based roaming protocol standardization is part of multimedia services in work task of CN WG's and UMTS [S2 WI on architecture]

protocol (e.g. H.323, SIP)

support IP-based

UMTS

Security]

stratuml

"Security features to

multimedia services in

Evolution of the bearers on

enable efficient IP-based

the Radio interface to

multimedia services in

UMTS [RAN: Technical

Area Bearer and access

QoS to support IP-based

[S3, Technical Area

Addressing and Routing

to be reviewed with CN Selection of multimedia call control WG's>

<other issues>

Authentication between mobile and "Gatekeeper" Integrity protection for

Mobile to "Gatekeeper" signalling

Lawful Interception in the R'2000 architecture

IPsec

Introduction of Header Compression/Stripping at

the RNC

represents work to be done by one Working Group. In this example, the work items here need potentially further

detailing.

A work task

Feature:

New, or substantially enhanced functionality which represents added value to the existing system.

This is an example of a feature "embodiing an improved service to the customer." SP-000109

roject Planing on Call Control and Roaming

multimedia services in UMTS [S2: QoS]



Technical Specification Group Services and System Aspects Meeting #7, Madrid, Spain, 15-17 March 2000

TSGS#7(00)0120

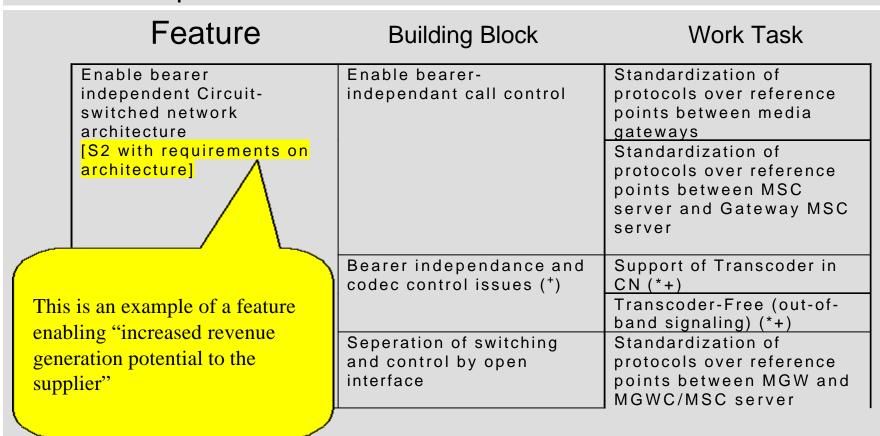
Source: Siemens and TSG SA WG2 Intergroup coordination chair persons

Agenda Item: 7.2

Examples of Features, Building Blocks and Work Tasks



Example of project planning: Feature bearer-independant CS domain





Example of work tasks building blocks: Feature bearer-independent CS domain

A building block is a sub-division of a feature, representing a coherent set of technical functionality which would generally be expected to reside in a single system element.

OoBTC

between UE and MSC

N2 Codec Negotiation
inter MSC, Bearer
establishment inter MSC

R2 Bearer establishment
between UE and RAN,
TFC control by RRC

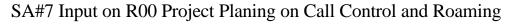
R3 Bearer establishment
between MSC and RNC
as well as RNC and Node
B, Notification of the
Codec mode to RAN, lu
UP control procedure (rate
control, initialization, time

alignment)

N1 Codec Negotiation

Work task is a subdivision of a building block, representing a selfcontained, well-scoped and well-scheduled item of work.

These are taken from S2 project coordination on ObBTC/TrFO and are a good example to explain the scope of a work task





Time plan (taken from S2-99C16)

Meeting	Date	Activity
SA2#9	October 25-29, 1999	Define overall workplan. Start work on identifying requirements and issues related to architectural and functional aspects as compared to R99 (TR 23.ywz)
SA2#10	Nov 29 –Dec 3, 1999	Identify additional requirements from architectural and functional aspects as compared to R99 (TR 23.ywz). Start definition of R00 documents.
SA1#6	Nov 29 - Dec 3, 1999	Start work on R00 Stage 1
SA#6	December 15-17, 1999	R99 finalized.
SA2#11	January 24-28, 2000	Refined version of TR. Review draft Stage 1 description. Start Project Plan work. Continue definition of R00 documents.
SA1#7	Feb 7-11, 2000	Refine R00 stage 1.
SA2#12	March 6-9, 2000	TR v 1.0.0. Review R00 Stage 1 description. Continue Project Plan work. Finilize definition of R00 documents. Based on the TR, start the CR process for S2's technical specifications.
SA#7	March 15-17, 2000	R00 Stage 1 stable.
SA2#13	May 22-26, 2000	Work on TR discontinued. Finalize Project Plan work. Finalize definition of R00 documents. Continue the CR process.
SA#8	June 21-23, 2000	R00 Stage 2 at least 80% complete. Project Plan approved. Definition of R00 documents approved.
SA2#14	September 4-8, 2000	Finilize R00 Stage 2 work.
SA#9	September 27-29, 2000	R00 work approved.
SA2#15	November 13-17, 2000	Start R01 work.
SA#10	December 13-15, 2000	R00 approved.



Status of project planning on Call control and Roaming

- Refinement of project plan on CC and Roaming, in particular with IGC convenor on related issues (e.g. codecs and QoS)
- THEN review of project plan by TSG's and WG's, very likely "roadshow" to
 - CN (joint meeting with S2 10.4.-14.4)
 - S1_IP (3.5.-5.5.)
- Presentation of consolidated (i.e. reviewed by all WG's) project plan at SA#7
- Presentation of updated project plan every SA plenary.