Title: [DRAFT] Liaison Statement on Bearer Selection Criteria of Calls in a Multicall

Source: Siemens [TSG CN]

To: TSG SA WG1

cc:

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1. Overall Description:

The current version of TS 22.129 specifies selection criteria for the network which shall be used in case of handover of a multicall when it is not be possible to handover all bearers belonging to the multicall:

5.4 Handover of a Multicall

…

It shall be possible to handover all the calls in a multicall configuration.. If the target cell is not able to accommodate all the calls in a multicall configuration, then the calls that are handed over shall be selected in following order:

    i.   *The call of teleservice emergency call*
    ii.   *The call of teleservice telephony*
    iii.   *The call of any other type*

Calls that cannot be handed over will be released.

If no single call can be selected according to the above criteria, handover shall be rejected.

After long discussions, and even after a formal vote, CN1 was not able to agree on a solution implementing these requirements in the stage 2 specification of the handover procedures (TS 23.009).

In a new attempt to get a consistent set of specifications, it is proposed:
- to relax the requirements in TS 22.129 so that only teleservice emergency calls are explicitly requested to be always handed over; and
- to specify in TS 23.009 that during RAB assignment and relocation request a 3G_MSC-A supporting multicall shall assign a priority at least to each bearer used for emergency call, so that within a multicall configuration the bearer used for emergency call will always have the highest priority level.

The purpose of this proposal is to allow a solution:
- that fulfils the requirements from TS 22.129 in all cases of handover: inter- and intra-system, MSC-controlled and RNC-controlled;
- that minimizes the impact on existing implementations of eMLPP, subscription based priority, and RANAP priority handling;
- and that allows a consistent priority handling for all procedures related to the allocation and retention of bearers (like queueing and preemption).

2. Actions:

To TSG SA WG1.

ACTION: TSG CN kindly asks TSG SA WG1 to approve the attached CRs to TS 22.129 at the earliest possible date, and to inform TSG CN WG1 when this has been done, so that the corresponding CRs to TS 23.009 can also be agreed.

3. Date of Next CN1 Meetings:

CN1_20   15th – 19th October 2001   Brighton, U.K.

CN1_21   26th – 30th November 2001 Cancun, Mexico

4. Attachments:

NP-010505 [Draft CR to TS 22.129 v3.5.0].

NP-010506 [Draft CR to TS 22.129 v4.3.0].

NP-010502 [Draft CR to TS 23.009 v3.7.0].