

Source: Pacific Bell Wireless, Bell South Mobility, Vodafone AirTouch, diAx, T-Mobil

Title: CAMEL Phase 4 Priorities

Document for: Information

Agenda Item: 6.8

It has been noted that due to limited resources, not all of the CAMEL phase 3 work items scheduled for completion in Release '99 were completed. Those items that were not completed were carried over as items for CAMEL phase 4 to be included within the Release 2000 standards.

Again, due to limited resources, it is unlikely that all of the desired (new as well as carried over) work items will be completed in the Release 2000 time frame, and some items may need to be deferred or dropped. Consideration is therefore being given to prioritizing the work items.

We are of the opinion that the highest priority should be given to those work items that will bring the most value to operators. Prepaid Service (PPS) is one of the main drivers for deployment of CAMEL based services. Support for Virtual Private Networks (VPN) is also a strong driver.

Therefore, we are of the opinion that those work items that will enable operators to deploy more flexible and competitive PPS and VPN services, especially in a CS environment, should receive high priority.

Annex D of the CAMEL Phase 4 Work Item Description (TSG S1 0272) provides a list of items carried over from CAMEL Phase 3. The following list indicates those that we believe will facilitate our ability to provide PPS and VPN offerings, and therefore are essential for inclusion in Release 2000. (Note: the checked items have already been agreed upon with 3GPP SA1 CAMEL adhoc).

- ✓ CSE Initiated call setup
- Mid call procedure for MO and MT calls
Note: when a mid-call event occurs, i.e. DTMF is invoked, the SSF will contact the SCF (CSE), and the SCF will be able to control various aspects of the call.
- ✓ Flexible approach to provide User Interactions during a call
- MO/MF calls: Creation of call parties – Call Party Handling
Note: Be able to define a “medium weight CPH” that provides a simple approach to allowing an active call to be split, allowing interactions with each party. This should allow the CSE to establish new call legs in a flexible manner, add parties to and remove parties from a call, and control the cross connects between various parties.
- Enhancements to CSE control of call duration – playing of tones
Note: Be able to play tones at any time, not only 30 seconds before the call ends. This could be included in the flexible approach to providing user interactions during a call.
- ✓ Interactions with Optimal Routing
- Procedures for USSD, e.g. for active Follow On calls

It is therefore proposed that CAMEL features facilitating flexible and enhanced PPS and VPN receive high priority, and should be considered essential to Release 2000 standards, and that contributions progressing standards in these areas should be actively solicited.