**Pre-SA2 #170 NWM Discussion**

**(The contents below will be posted to NWM. Each Q needs ‘Feedback Form’ in NWM)**

**Title: Pre-SA2 #170 NWM Discussion for Study on IMS Architecture Enhancement**

The initial set of Work Tasks based on the SID endorsed in TSG SA #108 (SP-250857) are as follows:

WT#1: Whether and how to simplify and enhance the IMS architecture

WT#2: Whether and how to enhance the IMS architecture and procedures to support new services. The output of this work task shall be independent of WT#1.

NOTE 1: This study assumes that the UNI signalling and inter PLMN IMS interfaces are supported for backward compatible consideration and IMS architecture remains access agnostic. An IMS network per the output of the study continues serving properly legacy terminals.

NOTE 2: WT#1 will be more focusing on IMS optimization based on the existing IMS architecture.

NOTE 3: The enhanced IMS will support regulatory services in backward-compatible way.

During the study, the progress and results of 3GPP TR 22.870 (SA1 study) shall be taken into account.

NOTE 4: The content of the SID will be further refined on SA2 meeting.

The following Feedback forms are intended to capture company input on new services to be supported and aspects that shall be considered for studying changes and/or enhancements of the IMS architecture.

**Q1: For WT#1, what are the concrete technical areas related to IMS architecture and procedures that require changes and/or enhancements to SA2 specifications? Please provide the problem to be solved with clear justification. If there are more than one item to be addressed, please list them in the order of priority (starting with the top priority).**

Recommended structure for response:

Problem Statement/Justification:

Technical area to study**:**

**Q2: Are there any additional comments for WT#1?**

**Q3: With respect to WT#2, what are the new services IMS should support in future that will require changes to IMS architecture and procedures?** **If there are more than one service, please list them in the order of priority (starting with the top priority).**

**Q4: For each service listed in the answer to Q3, what are the potential gaps/problems with the existing IMS architecture and procedures that will require changes and/or enhancements to SA2 specifications. (Answers to this can be used as justification text for WT#2 in the SID)**

**Q5: Are there any additional comments for WT#2?**