**Topic 1: controversial issue on KI#2, the list(s) of satellite IDs to assist UE to access the satellites which can provide S&F service**

3 options are discussed:

* Option 1, Using 2 different list ("List of Satellite IDs" and "S&F Monitored List")
* Option 2, Using one list with additional indication, e.g., mandatory or advisory
* Option 4, Using a single list without any indication

Companies who support Option 1 or 2: Samsung, Sateliot, Qualcomm, Novamint

Companies who support Option 4: vivo, NEC, OPPO, China Telecom, Ericsson, Nokia, Huawei

The main issue of Option 1 or 2 mentioned by supporters of Option 4 could it may not work in the mobility procedure, and Samsung clarified there is no such mobility issue.

Huawei provided more clarifications in the DP.

**Way forward:** continue email discussion. SAMSUNG will initiate an email discussion on this issue.

**Topic 2: controversial issue on KI#3**

**Can we have following assumptions for simplifying mobility support in Rel-19**

* gNB, local PSA and AGW are always within same satellite.
* If a N2 CHO happens, the 5GC can determine to terminate UE-sat-UE communication.
* MO and MT side of a UE-sat-UE communication will not be subject to AGW relocation simultaneously due to IMS layer coordination.

Summary: The first and third bullets could be agreed. While 2nd bullet cannot be agreed based on the following discussion on case 1.

**Case 1: SMF determines to terminate UE-sat-UE communication during the change of serving gNB.**

Summary of comments from Huawei, Nokia, CMCC, Ericsson: the termination of UE-Satellite-UE communication has nothing to do with Handover, SMF should notify PCF/P-CSCF the satellite change, then P-CSCF makes the decision.

**Way forward:** continue email discussion.

**Case 2: P-CSCF determines to continue/terminate UE-sat-UE communication after the change of serving gNB and local PSA.**

Focus on the sub-issue#3, how to trigger the re-invite message for AGW relocation.

Summary of the comments: Huawei, Ericsson, Nokia, NTT DOCOMO support that P-CSCF triggers IMS AS to sends the re-invite. While China Telecom, CMCC, vivo prefer the solution that P-CSCF builds the re-invite message.

For the solution that P-CSCF triggers IMS AS to sends the re-invite, Nokia and NTT DOCOMO clarified that: P-CSCF works on the same dialog and not behaves as B2BUA; the existing procedure defined in TS 23.228 can be re-used.

**Way forward:** continue email discussion. CMCC will check further the existing procedure. China Telecom provides more technical explanation if both solutions are to be supported.

**Topic 3: Tdoc sorting**

Latest version has been distributed to the reflector based on the discussion.