**Rapporteurs’ Rel-18 topics status report**

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| **Rel-18 Management aspects of 5G system supporting satellite backhaul (5GSATB\_OAM) (China Telecom)** **Approved WID: (SP-231708)** |
| **Current completion** | **20%** |
| **Completion target** | **SA5#153/SA#103 (Mar 2024)** |
| **WoP** | **Description** | **Status & plan** |
| **OAM\_5GSATB\_WoP#1** | **WT-1 Specify potential new configuration that support 5G system with satellite backhaul architecture** **WT-1.1 Dynamic configuration of AMF to support satellite backhaul type, e.g., AMFFunction extension** **WT-1.2 Configuration of UPF deployed on satellite, e.g., UPFFunction extension WT-1.3 Configuration that support edge computing via UPF deployed on satellite, e.g., DNAI extension** **WT-1.4 Configuration that support local switch via UPF deployed on satellite, e.g., allocating/releasing N19 tunnel resources** | **Completed:*** Add satellite backhaul information to the QFQoSMonitoringControl IOC to make QoS monitoring more specific for dynamic satellite backhaul features and enhance its overall generality.

Work on-going & to be finalised:NRMs for 5G system supporting satellite backhaul – including, * Introduce new attributes to AMFFunction to specify the satellite backhaul category associated with the Global RAN Node ID and GEO satellite ID associated with the deployment of UPF. (coming back CR)
* Introduce new attribute to DnnSmfInfoItem datatype to specify the association of DNAI and GEO satellite ID. (New CR)
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| **OAM\_5GSATB\_WoP#2** | **WT-2 Specifying potential new performance measurements related to Qos control, especially when dynamic Satellite Backhaul is used** | Work on-going & to be finalised:**performance measurements related to Qos control** – including, * Enhance performance measurement for UPF to measure the packet delay between UE and PSA UPF. (New CR)
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**Plan for SA5#153: Submit 3 CRs for approval to finalize this WI**

* Address contributions related to the items mentioned above, including stage 3 work, and
* Prepare the Work Item Summary for submission to SA.