**SA WG2 Meeting #S2-160AHE S2-2400115R01**

**22 - 29 January, 2024, Electronic**

**Title: [Draft] Reply LS on Coordination of work for UAS\_Ph3**

**Response to: LS on Coordination of work for UAS\_Ph3 (S2-2400074/S6-234027)**

**Release: Rel-19**

**Work Item: UASAPP\_Ph3, FS\_UAS\_Ph3**

**Source: SA2**

**To: SA6**

**Cc: SA**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** -

# 1 Overall description

SA2 would like to thank SA6 regarding the LS on Coordination of work for UAS\_Ph3 and provide the feedback as below.

The SID for Study on Phase 3 for UAS, UAV and UAM (FS\_UAS\_Ph3), SP-231801 approved at SA#102 includes the following work task related to UAV flight path monitoring. So, SA2's understanding is that the SA6 objective related to real time UAV flight path monitoring may have some overlap with the SA2 objective related to WT#1.

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| - **WT#1:** Based on SA1 requirements and input from aviation fora, study whether and how to enhance NEF services to support service exposure and interactions between MNOs and UTM functions for i.e. pre-mission flight planning, in-mission flight monitoring, C2 communication reliability, interfacing with UTM (e.g. supporting the scenario of multiple USS serving the geographical areas corresponding to UAV flight path). |

The CR attached in the SA6 LS (S6-233453) reads the interaction between the UAS application specific server and the UAE server, and between the UAE server and the UAE client to support for real time UAV flight path monitoring where there is no direct involvement of 5GC NFs such as NEF. Therefore, SA2's understanding is that no overlap with SA2 work is expected from mechanism perspective.

SA2 believes that it is acceptable to develop and specify both application layer based mechanism in SA6 and core network based mechanism in SA2 as long as the two mechanisms are not conflicting and can be allowed to be deployed separately and independently. Therefore, SA2 has no issue with progressing the SA6 CR.

SA2 has just started FS\_UAS\_Ph3 at this meeting and its completion target date is TSG#104 (June 2024). If any coordination is deemed necessary with SA6 related to Rel-19 UAS study and work, SA2 will inform SA6 of it.

# 2 Actions

**To SA6:**

SA2 respectfully asks SA6 to take the above feedback into account in SA6 work.

# 3 Dates of next TSG-SA WG2 meetings

TSG SA WG2 Meeting #161 February 26 – March 1, 2024 Athens, Greece

TSG SA WG2 Meeting #162 April 15 – 19, 2024 China (TBD)