**Source:** Interdigital Finland Ory

**Title:** [FS\_AI4Media] Updates to definitions

**Agenda item:** 9.7

**Document for:** Discussion and Agreement

1. Introduction

This document provides the definition of “model update” to the permanent document.

1. Proposed changes

--------------------------------------------- Begin Change ------------------------------------------------------------------------------

3 Definition of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the terms given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**AI/ML model:** A trained AI/ML model.

**Model inference**: Process by which a deployed machine learning model generates a result [5].

**Inference engine**: Functionality that provides runtime environment for a machine learning

model and exposes corresponding machine learning model inference capability [5].

**AI/ML model subset:** An elementary element of an AI/ML model that can be inferred independently.

**AI/ML model composition:** The composition of an AI/ML Model into one or more AI/ML model subsets.

**AI/ML model split points:** The points in a DNN AI/ML model where it is split into multiple AI/ML model subsets.

**AI/ML inference endpoint:** UE or Network inference engine that infers a result from executing an AI/ML model, or a part of it.

**Split AI/ML model:** An AI/ML model composed of AI/ML subsets that are distributed to, and inferred on different inference endpoints.

**Intermediate data:**Output from the inference process of an AI/ML model that is not considered the final inference result.

**Model update:** Partial or fullupdate of a trained model which may include its internal structure and/or related parameters (e.g... weight, biases).

--------------------------------------------- End Change -----------------------------------------------------------------------

1. Proposal

We propose to update sub clause 3.1 with this above proposed changes.