**3GPP TSG RAN WG1 Meeting #100bis-e R1-200xxxx**

**E-Meeting, April 20 – 30, 2020**

**Agenda Item: 6.2.2.4**

**Source: Moderator (Huawei)**

**Title: TP on resource reservation of TDD special subframes in TS 36.211**

**Document for: Discussion and Decision**

# Introduction

This document provides the text proposal as outcomes of the following email discussion [1]:

[100b-e-LTE-NB\_IoTenh3-Coex-NR-01] Resource reservation for TDD NB-IoT by 4/24 and corresponding TP (if any) by 4/30 – Yubo (Huawei)

* Issues #1, #4 in R1-2002700

# Discussion

**Reason for changes:**

It was agreed in RAN1#100bis-e that symbol-level resource reservation is not applied to special subframes.

**Summary of changes:**

Specify that symbol-level resource reservation is not applied to special subframes.

**Specs/sections impacted:**

36.211 sections 10.0.1.2

**Consequences if not approved:**

Resource reservation may be applied to special subframes incorrectly.

**-----------------------------------------------------Start of Text Proposal-----------------------------------**

10.0.1.2 Frame structure type 2

Frame structure type 2 is applicable to TDD operation only.

The following restrictions apply:

- Uplink-downlink configuration 0 and 6 are not supported.

- UpPTS is not used for NPUSCH or NPRACH.

- DwPTS and UpPTS in special subframe configuration 10 is not used for transmissions.

- On an NB-IoT carrier for which higher-layer parameter *operationModeInfo* indicates *inband-SamePCI* or *inband-DifferentPCI*, or higher-layer parameter *inbandCarrierInfo* is present, or on an NB-IoT carrier for *SystemInformationBlockType1-NB* for which *sib1-carrierInfo* indicates *non-anchor* and the value of the higher layer parameter *sib-GuardbandInfo* is set to *sib-GuardbandInbandSamePCI* or *sib-GuardbandinbandDiffPCI*, DwPTS in special subframe configuration 0 and 5 for normal cyclic prefix is not used for NPDCCH and NPDSCH transmission.

- Higher-layer parameter *symbolBitmap-r16* does not apply to special subframes.

**------------------------------------------------------End of Text Proposal------------------------------------**

# References

1. R1-200x Feature lead summary #1 on 100b-e-LTE-NB\_IoTenh3-Coex-NR-01 Moderator(Huawei)