**3GPP TSG-RAN WG2 Meeting #123bis R2-2311603**

**Xiamen, China, October 9th – 13th, 2023**

**Source: CATT**

**Title:** **RRC Open issue list for CHO with candidate SCGs**

**Agenda Item:** **7.4.4**

**Document for:** **Discussion and Decision**

# Introduction

This contribution is to provide a list of the open issues to be addressed in order to complete the RRC CR for CHO with candidate SCGs.

# Open issues

Following are the open issues captured in EN in the RRC Running CR for CHO with candidate SCGs [1].

|  |  |  |
| --- | --- | --- |
| **Issue** | **Relevant section in TS 38.331** | **rapporteur’s suggestions on how to address** |
| R2 assumes that the maximum number of conditional reconfigurations *maxNrofCondCells* (i.e., including the coexistence CHO with candidate SCGs, CHO only, CHO with target SCG, CPA/CPC if present) is 8 in Rel-18. FFS whether any optional additional UE cap for higher number is needed. | 6.3.2 | Discuss based on companies contributions |
| The execution condition parameters provided from T-MN to S-MN at least includes *a4-threshold*, *hysteresis* (optional), *timeToTrigger* (optional), *rsType* (optional). FFS more parameters are needed. FFS it is captured in the inter-node RRC message or in the Xn message. | 11.2.2 | Discuss based on companies contributions |
| FFS whether measurement reporting is enhanced to enable sending of candidate PSCell measurements at the time of candidate PCell measurements for preparation of CHO with candidate SCG. Currently it is not possible for the source MN to make sure that it has measurements for target PSCells at the time of receving measurements for target PCell triggered by A3 event. | 5.3.5.3 | Discuss based on companies’ papers |
| Whether CHO-only configuration can be a dual connectivity configuration (unclear from the procedure).  | 5.3.5.13 |  |
| Whether delta configuration can be used for CHO with candidate SCGs |  |  |

# Reference

[1] R2-2311602 RRC Running CR for CHO with candidate SCGs