**3GPP TSG-RAN WG4 Meeting # 94-e-Bis R4-200XXXX**

**Electronic Meeting, 20 – 30 Apr., 2020**

**Agenda item:** 5.2 and 6.5.2

**Source:** Skyworks Solution Inc.

**Title:** Email discussion summary for [96e][105] LTE UE RF maintenance

**Document for:** Information

# Introduction

*Briefly introduce background, the scope of this email discussion and provide some guidelines for email discussion if necessary.*

*List of candidate target of email discussion for 1st round and 2nd round*

* 1st round: 5 topics to be discussed for agenda:
* 5.2: LTE UE RFmaintenance up to R15
	+ Topic 1.1: NB-IoT: FCC issue in 100kHz at band edge
	+ Topic 1.2: NB-IoT: power control for TDD
	+ Topic 2.1: H2 exception for B51 protection from B85
* 5.5.2: LTE UE RF maintenance up to R16
	+ Topic 3.1: Corrections to Bands and CA:
	+ Topic 4.1: CA\_48B A-MPR
	+ Topic 5.1: DeltaT SRS for LTE
* 2nd round: TBA

# Topic #1: 5.2 NB-IoT

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [**R4-2011336**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011336.zip)Further considerations on NB-IoT to meet FCC regulatory requirements | Qualcomm Incorporated | Observation 1: **For FCC specification #27.53(c), the emission of -13dBm/30kHz is verifying at the band edge of Band 13 which spans from 777-787MHz.** Observation 2: **Even with 100kHz exclusion, the devices which are based on 3GPP SEM could not meet the FCC requirements of -13dBm/30kHz at immediate 100kHz outside the channel edge.**Proposal 1: **To meet FCC # 27.53 part (c) and part (g) requirements, 200kHz exclusion is needed for Band 13, 12, 17, 71 and 85.** Proposal 2: **The exclusion of first and last 100kHz for Band 4, 66, 2, 25, and 5 is needed to meet FCC # 27.53 part (h), # 24.238, and # 22.917 band-edge requirement.**Observation 3: **Multiple NS could solve the backward compatibility issue if NS\_04 is introduced to meet FCC regulation.**Propose 3: **Modify the NS\_04 to exclude the first and last 200kHz for Band 13, 12, 17, 71, 85 and exclude the first and last 100kHz for Band 4, 66, 2, 25, 5 .** |
| [**R4-2010581**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010581.zip)NBIOT standalone operation for FCC regulation considerations | MediaTek Inc. | Proposal 1: ***Proposal 1: We propose to modify NS\_04 for category NB1 and NB2 device for operating bands 2, 3, 4, 5, 12, 17, 25, 26, 66, 71, 85. The lower limit and upper limit of operating bands are 100KHz narrower from both lower and upper band edge defined in Table 5.5-1 to account for the FCC regulations.***Proposal 2: ***We propose to introduce the new network signalling from Rel-14.***Moderator: ***see associated CR below*** |
| [**R4-2011400**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011400.zip)Test frequencies for NB-IOT UE in standalone operation | Sony | Observation 1: TS 36.104 test conditions (test frequencies) for both stand-alone and guard-band NB-IoT operation are conflicting with FCC band-edge spectrum emission requirements.Observation 2: There is also an inconsistency between TS 36.508 and TS 36.104 regarding testing of NB-IOT UE in standalone operation.Proposal 1: RAN4 to confirm there is inconsistency between TS 36.508 and FCC regulation and between TS 36.104 and TS 36.508.Proposal 2: If so, send an LS to RAN5 with proposal to exclude the first and last EARFCNs in TS 36.104 test frequencies for both stand-alone and guard-band IoT operation modes for all frequency bands were FCC regulation applies. |
| [**R4-2010582**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010582.zip)CR for TS 36.101: CR for category NB1 against FCC regulation in standalone mode | MediaTek Inc. | R14 CR: Comment in CR table: R15/16 Mirror CRs R4-2010583, R4-2010584 |
| [**R4-2010937**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010937.zip)Update to NB-IOT aggregate power control tolerance for TDD | Huawei, HiSilicon | R15 CR Comment in CR table: R16 Mirror CR R4-2010963 |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 1-1

*Sub-topic description:* New FCC requirement in 100kHz of the US bands edges cannot be fulfilled by NB-IoT. Qualcomm paper is propsing a 200kHz exclusion in some bands

*Open issues and candidate options before e-meeting:* Introduce CR to enable NS\_04 to reduce bands by proper amount

**Issue 1-1: FCC rule in 100kHz**

* Proposals
	+ Option 1: [**R4-2010581**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010581.zip)Modify NS\_04 for category NB1 and NB2 device for operating bands 2, 3, 4, 5, 12, 17, 25, 26, 66, 71, 85. The lower limit and upper limit of operating bands are 100KHz narrower from both lower and upper band
	+ Option 2: [**R4-2011336**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011336.zip)Modify the NS\_04 to exclude the first and last 200kHz for Band 13, 12, 17, 71, 85 and exclude the first and last 100kHz for Band 4, 66, 2, 25, 5.
	+ Option 3: [**R4-2011400**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011400.zip)Send an LS to RAN5 with proposal to exclude the first and last EARFCNs in TS 36.104 test frequencies for both stand-alone and guard-band IoT operation modes for all frequency bands were FCC regulation applies.
* Recommended WF
	+ Proponents to align on need for CR or simple modification of test frequencies
	+ Align on the list of bands
	+ Agree if 200kHz exclusion is needed in some bands?
	+ Align in MediaTek CR or send LS to RAN5

### Sub-topic 1-2

*Sub-topic description :*NB-IoT aggregate power control tolerance for TDD

*Open issues and candidate options before e-meeting:* introduce CR R4-2010937 to increase evaluation time to account for TDD operation

**Issue 1-2: Power control for TDD**

* Recommended WF
	+ Introduce CR, CR to be commented in CR section

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 1-1: Sub topic 1-2:….Others: |

### CRs/TPs comments collection

*Major close-to-finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| [**R4-2010582**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010582.zip)R14 CR | Company A |
| Company B |
|  |
| [**R4-2010937**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010937.zip)R15 CR | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary**  |
| **Sub-topic#1** | *Tentative agreements:**Candidate options:**Recommendations for 2nd round:* |

*Recommendations on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title**  | **Assigned Company,****WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provides recommendation on CRs/TPs Status update*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation**  |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation**  |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

# Topic #2: 5.2 Band 85 spurious emmisions

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [**R4-2009546**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2009546.zip)Correction to band 85 spurious emission limits UE co-existence | Sequans Communications | R15 CR Comment in CR table: R16 Mirror CR R4-2009547 |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 2-1

*Sub-topic description:* Request of an exception to band protection for harmonic 2 of band 85 in band 51

*Open issues and candidate options before e-meeting:*

**Issue 2-1: H2 exception for band 51 protection by band 85**

* Recommended WF
	+ Discuss validity of exception in the CR comment

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 2-1: ….Others: |

### CRs/TPs comments collection

*Major close to finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| [**R4-2009546**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2009546.zip)R15 CR | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary**  |
| **Sub-topic#1** | *Tentative agreements:**Candidate options:**Recommendations for 2nd round:* |

*Suggestion on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title**  | **Assigned Company,****WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provided recommendation on CRs/TPs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation**  |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation**  |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

# Topic #3: 6.5.2 Corrections to Bands and CA

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [**R4-2009938**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2009938.zip)Coexistence cleanup for 36101 Rel16 | Apple Inc. | Removes some band protections in CA\_4\_28Moderator: R16 CR, Comment in CR table |
| [**R4-2011521**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011521.zip)CR to 36.101 Removal band 10 protection | Skyworks Solutions Inc. | E-UTRA Band 10 protection: removed from E-UTRA bands 2,4,5,7,13,14,24,25,26,27,30,38,41,42,43,66,70,85Moderator: R16 CR, Comment in CR table |
| [**R4-2010702**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010702.zip)CR to 36.101 to correct band combinations in Rel-16 | Ericsson | This CR correct the following band combinations:CA\_20A-41A, CA\_20A-41C, CA\_20A-41DModerator: R16 CR, Comment in CR table |
| [**R4-2011525**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011525.zip)CR to 36.101 Removal of CA\_NS\_08 | Skyworks Solutions Inc. | CA\_NS\_08 is no longer needed as B42 networks are synchronized Moderator: R16 CR, Comment in CR table |
| [**R4-2011526**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011526.zip)CR to 36.101 Correction to CA\_NS\_10 | Skyworks Solutions Inc. | CA\_NS\_10: A-MPR for some region border RB allocations is undefined Moderator: R16 CR, Comment in CR table |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 3-1

*Sub-topic description:* Corrections of band protections

### Sub-topic 3-2

*Sub-topic description;* Corrections of CA\_20-41 cases

### Sub-topic 3-2

*Sub-topic description;* Corrections of NS\_08 and NS\_10

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 3-1: Sub topic 3-2:Sub topic 3-3: |

### CRs/TPs comments collection

*Major close to finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| [**R4-2009938**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2009938.zip)R16 CR | Company A |
| Company B |
|  |
| [**R4-2010702**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010702.zip)R16 CR | Company A |
| Company B |
|  |
| [**R4-2011521**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011521.zip)R16 CR | Company A |
| Company B |
|  |
| [**R4-2011525**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011525.zip)R16 CR | Company A |
| Company B |
|  |
| [**R4-2011526**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011526.zip)R16 CR | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary**  |
| **Sub-topic#1** | *Tentative agreements:**Candidate options:**Recommendations for 2nd round:* |

*Suggestion on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title**  | **Assigned Company,****WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provided recommendation on CRs/TPs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation**  |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation**  |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

# Topic #4: 6.5.2 CA\_48B A-MPR

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [**R4-2010227**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010227.zip)A-MPR definition for CA\_48B | Nokia | E-UTRA UL CA configuration CA\_48B is already specified in clause 5 but A-MPR is missing. This CR is based on simulation results presented in R4-2006493.Moderator: Comment in CR table |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 4-1

*Sub-topic description:*A-MPR for CA\_48B is proposed

*Open issues and candidate options before e-meeting:*

**Issue 4-1: CA\_48B A-MPR**

* Recommended WF
	+ Moderator note: Similar discussion is happening for CA\_n48B with input from more companies, which for DFT-s-OFDM 15kHz cases is comparable with CA\_48B with only some RB allocation differences.
	+ WF: Align outcome with CA\_n48B if possible

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 4-1: ….Others: |

### CRs/TPs comments collection

*Major close to finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| [**R4-2010227**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2010227.zip)R16 CR | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary**  |
| **Sub-topic#1** | *Tentative agreements:**Candidate options:**Recommendations for 2nd round:* |

*Suggestion on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title**  | **Assigned Company,****WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provided recommendation on CRs/TPs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation**  |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation**  |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

# Topic #5: 6.5.2 DeltaT SRS for LTE

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| [**R4-2011527**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011527.zip)DeltaTRxSRS for LTE Pcmax | Skyworks Solutions Inc. | Proposal 1**: Introduce** **ΔTRxSRS term in LTE Pcmax equation for operation in bands whose FUL\_high is lower than 4.4 GHz.**Proposal 2: **For LTE operation in bands whose FUL\_high is lower than 4.4GHz, adopt ΔTRxSRS = [3dB].** |

## Open issues summary

*Before e-Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

### Sub-topic 5-1

*Sub-topic description:* SRS switching is a feature in LTE and DeltaT SRS is missing

*Open issues and candidate options before e-meeting:*

**Issue 5-1: DeltaTRxSRS in LTE**

* Proposals
	+ Option 1: Introduce ΔTRxSRS term in LTE Pcmax equation for operation in bands whose FUL\_high is lower than 4.4 GHz. ΔTRxSRS = [3dB]
	+ Option 2: TBA
* Recommended WF
	+ Discuss need and value in Round 1
	+ If introduction is agreed in round1 a CR can be allocated.

### Sub-topic 5-2

*Sub-topic description*

*Open issues and candidate options before e-meeting:*

**Issue 5-2: TBA**

* Proposals
	+ Option 1: TBA
	+ Option 2: TBA
* Recommended WF
	+ TBA

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 5-1: Sub topic 5-2:….Others: |

### CRs/TPs comments collection

*Major close to finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| [**R4-2011527**](http://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_96_e/Docs/R4-2011527.zip)R15 CR | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary**  |
| **Sub-topic#1** | *Tentative agreements:**Candidate options:**Recommendations for 2nd round:* |

*Suggestion on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title**  | **Assigned Company,****WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provided recommendation on CRs/TPs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation**  |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation**  |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |