SBFD Comments file

Template:

# C100

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C100 | SBFD | 1 | Concern on ‘CFRA’ |  | Jianxiang Li (CATT) |  | V005 |  |

**[Description]**: For BFR, if there is a beam associated to a dedicated preamble/PRACH and above the threshold, using CFRA；Otherwise, using CBRA. If there is no suitable beam, this RO type can also be used for CBRA BFR. I’m wondering if the CFRA is required in ‘Indicates the second PRACH occasions of CFRA to be used by a SBFD aware UE’.

**[Proposed Change]**: remove ‘of CFRA’.

**[Comments]**:

# O000

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| O000 | SBFD, MOB | 2 | Applicability of SBFD-RACH to LTM procedure | R2-25xxxxx | OPPO (Qianxi) |  | V003 | ToDo |

**[Description]**: R2 has not concluded the applicability of SBFD to LTM (other than inter-DU LTM), including the procedure for early UL sync, LTM execution (CSC-based) and CLTM execution.

**[Proposed Change]**: R2 discuss and conclude the applicability of SBFD to LTM (other than inter-DU LTM), including the procedure for early UL sync, LTM execution (CSC-based) and CLTM execution.

**[Comments]**:

# C101

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C101 | SBFD | 1 | Reference |  | Jianxiang Li (CATT) |  | V005 |  |

**[Description]**: reference is required for the first PRACH occasions or the second PRACH occasions.

**[Proposed Change]**: add ‘as specified in TS 38.213 [13]’

**[Comments]**:

# C102

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C102 | SBFD | 1 | RACH occasion type |  | Jianxiang Li (CATT) |  | V005 |  |

**[Description]**: what is RACH occasion type is required to clarify here. It applies to other same issue in the CR.

**[Proposed Change]**: RACH occasion type (the first or the second RACH occasion as specified in TS 38.213 [13]

**[Comments]**:

# C103

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C103 | SBFD | 1 | reference |  | Jianxiang Li (CATT) |  | V005 |  |

**[Description]**: reference is required for the first PRACH occasions or the second PRACH occasions. It applies to other same issue in the CR.

**[Proposed Change]**: add ‘as specified in TS 38.213 [13]’

**[Comments]**:

# O003

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| O003 | SBFD, NES | 2 | Applicability of NES related RACH parameters | R2-25xxxxx | OPPO (Qianxi) |  | V003 | ToDo |

**[Description]**: NES introduced parameters for additional RACH (addlRACH-Config-Adapt-r19) within RACH-ConfigCommon, it is unclear whether it is applicable to the case when SBFD RACH is configured, for both cases of *sbfd-RACH-SingleConfig-r19* and *sbfd-RACH-DualConfig-r19*.

**[Proposed Change]**: R2 discuss and conclude the applicability of NES additional RACH (addlRACH-Config-Adapt-r19) within RACH-ConfigCommon, to the case when SBFD RACH is configured, for both cases of *sbfd-RACH-SingleConfig-r19* and *sbfd-RACH-DualConfig-r19*.

**[Comments]**:

# H350

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| H350 | SBFD | 1 | Revision of value range | - | Huawei-Tao Cai |  | V004 | ToDo |

**[Description]**: According to RAN1 updated higher layer parameters list in R1-2506622, the range of parameter *sbfd-Config2-PUSCH-RB-Offset-r19* shall be (0..maxNrofPhysicalResourceBlocks-1) not (0..maxNrofPhysicalResourceBlocks)

**[Proposed Change]**: Change the parameter range according to RAN1 revision.

**[Comments]**:

# H351

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| H351 | SBFD | 1 | Revision of value range | - | Huawei-Tao Cai |  | V004 | ToDo |

**[Description]**: According to RAN1 updated higher layer parameters list in R1-2506622, the range of parameter *sbfd-Config2-PUSCH-RB-Offset-r19* shall be (0..maxNrofPhysicalResourceBlocks-1) not (0..maxNrofPhysicalResourceBlocks)

**[Proposed Change]**: Change the parameter range according to RAN1 revision.

**[Comments]**:

# H352

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| H352 | SBFD | 1 | missing "optional" tag | - | Huawei-Tao Cai |  | V004 | ToDo |

**[Description]**: There is no optionality tag for field *resourcesForChannelCLI-r19* (which makes it mandotory). gNB has to configure *resourcesForChannelCLI-r19)* with at least an empty *resourcesForChannelCLI-r19* which would bea waste of signalling (its elements *resourceSetCLI-r19* and *qcl-infoCLI-r19* are optional).

**[Proposed Change]**: Add "Optional Need R" for field *resourcesForChannelCLI-r19*.

# C104

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C104 | SBFD | 1 | Concern on ‘for CFRA’ |  | Jianxiang Li (CATT) |  | V005 |  |

**[Description]**: If is RACH is triggered by RACH-ConfigDedicated, it may also be CBRA if the preamble index is set to 0b000000. In this case, the ra-OccasionType is also valid. Hence, it is suggested to remove “for CFRA”.

**[Proposed Change]**: remove ‘for CFRA’.

**[Comments]**:

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