# Impact Analysis Report / RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_DDCOM\_0021** (RTC -58864) |
| **Related Incident ID** | IM445772 |
| **RFC Initiator / Organization** | NA-CH |
| **CI** | DDCOM 20.3.0-v1.00 |
| **Type of Change** | **Standard** **Emergency** |
| **Nature of Change** | Justification for Evolutive   |  | | --- | |  | |
| **RFC Source** | |  |  | | --- | --- | | **Legal & Policy Change**  **Organisational Changes** | **Business Change**  **IT Change** | |
| **Review by Business User recommended?** | **Yes No** |

***Change Summary***

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| **DDCOM-20.3.0-v1.00: Definition of ‘OR’** |
| Adding the definition of the “OR” operator, used in the Rules & Conditions (Appendix Q2 of DDNxA) – Eliminating any possible wrong interpretation among the 40 different National Project Teams. |

**Section 2: Problem statement**

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| National Teams asked to define precisely in DDCOM how the Boolean operator “OR” must be understood when it is part of a Rule or Condition. The definition is aligned with the Boolean Algebra. |

**Section 3: Description of proposed solution**

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| The next release of DDCOM is going to be updated with the addition of the yellow text that follows, at the end of section “**IV.5.1.1** Conditions”: **IV.5 Rules/T/TRT/BRT, Conditions and Guidelines definition and syntax for NCTS-P5 and AES-P1** The “OR” operator that is used in Rules & Condition is inclusive, meaning that it allows either the first statement to be true, or the second, or both.  See <https://en.wikipedia.org/wiki/Truth_table#Logical_disjunction_(OR)> for more details:    **IV.5.1 Definition of Rule, T, TRT, BRT or Condition**  This section defines the various classes of rules and conditions that are used in the Technical Message Structures. It defines the various attributes of the rules and conditions and some of the principles of their definitions. Some examples are provided for a good comprehension of the provided information.  The ‘Rules and Conditions’ (generic term) are defined in Specs Manager and exported per system in the pertinent Appendix Q2, Q2 R/C and K of the system specific DDNA volume.  (…)  IN ADDITION – BASED ON COMMENT FROM NA-FI:  Guidelines are either instructions/guidance/explanations for the traders and/or for the customs officers, or they highlight a restriction defined on the XSD level. Therefore they are provided for information and they are not validated during the message validation.  In Table 2 of DDCOM (Rules, Conditions and Guidelines Definitions), the definition of 'Guideline' :  "An instruction on how to fill in a Data Group or a Data Item. It is not subject to automated testing."  will become  "A guidance (instructions or explanations) for the traders and/or for the customs officers on how to fill in a Data Group or a Data Item. It is not subject to automated testing (i.e. a guideline shall not be a reason for rejecting a message on the Common Domain".  **IMPACT ASSESSMENT**  **No impact on External Domain.**  This RFC-Proposal is considered as ***purely*** ***documentary* change** (unless implemented differently by some NAs).  This RFC-Proposal has no impact on the business continuity.  **Proposed** date of applicability in Operations (T-Ops): Before starting the CT for the new NTA / NECA.  **Proposed** date of applicability in CT (T-CT): N/A  **Expected** date of approval by ECCG (T-CAB): January 2022  **Impact on transition Legacy-ToBe**: None.  **Consequence of not approving the RFC-Proposal**: Possible confusion among some National development teams.  **Risk of not implementing the change**: Wrong implementation of R&C , with violation of some R&C.  Impacted IEs:   * None   **Impacted CIs**:   * DDCOM 20.3.0-v1.00: **Yes** |

**Impact on CI artefacts**

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| DDCOM 20.3.0-v1.00 | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3. | |

**Estimated impact on National Project**

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| Cosmetic  Low?  Medium  High  Very High  Short description   |  | | --- | | * **No impact if already correctly implemented.** * **Else, to be assessed by each NA.** | |

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| **Document History** | | |  |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by CUSTDEV | 22/11/2021 |  |
| v0.11 | SfR to NPMs | 06/12/2021 |  |
| v1.00 | SfA to NPMs | 03/02/2022 | *Implementing comment #11 from FI.* |