**At OCG RED EMCD meeting#74 (16 March 2020) the following check list was approved (**[**OCGREDEMCD(20)074020**](https://docbox.etsi.org/OCG/OCG_Red-Emcd/05-CONTRIBUTIONS/2020/OCGREDEMCD(20)074020_Revised_Checklist_for_HS.docx)**).**

**ETSI Harmonised Standard check list**

ETSI Technical Committees, which especially includes the rapporteurs of Harmonised Standards, are requested to carefully verify the following points during the development of Harmonised Standard, as these will be checked by the European Commission in the mandatory assessment before publication in the OJEU.

The current check list is based on the requirements listed in Annex 3 of the European Commission document EG RE (03)09 - COM Summary harmonised standards August 2019.

In addition the Technical Committees and rapporteurs should be familiar with the general checklist ([Ares(2016)6548298](https://portal.etsi.org/Portals/0/TBpages/ERM/Docs/OJEU_CITATION_EC_CHECKLIST.pdf)) and the [Vademecum on European standardisation (SWD(2015) 205 final](https://ec.europa.eu/growth/single-market/european-standards/vademecum_en)) in particular part III, clause 2.8 (“Specific guidance for developing harmonised standards”) to be respected.

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| **No.** | **Verified Issue** | **Remarks** | **Yes** | **No** |
|  | **General** |  |  |  |
| 1 | **The equipment covered by a Harmonised Standard is in the scope of the RED.**  *(Yes/No).*  *Any observations* |  |  |  |
| 2 | **The Harmonised Standard does not contain legal text that goes beyond Article 3 of the RED, which is the basis of the Standardisation Request.**  *Any observations:*  *Note: One example is that no requirements on the marking of equipment are included.* |  |  |  |
| 3 | **All relevant Commission Decisions are respected**.  *Do any Commission Decisions apply to frequencies covered by this standard? (Yes/No)*  *If yes, please identify which:* |  |  |  |
| 3 | *Is there any difference between the frequencies in the Commission Decision and those referred to in the draft Harmonised Standard? (Yes/No)*  *If yes, please explain:* |  |  |  |
| 4 | **Equipment can be operated in at least one Member State.**  *Please check that at least one Member State allows or intends to allow the operation of the equipment covered by the Harmonised Standard.*  *Are there any known National restrictions of use of all or some of the frequency bands covered by the draft Harmonised Standard (yes/no)?*  *If yes, please identify which:* |  |  |  |
| 5 | **References shall not link to non-publicly available documents. This should also apply to “reference chains”.**  *Have all references (including references of referenced documents) been checked to be publicly available? (Yes/No)*  *Any observations* |  |  |  |
| 6 | **Undated and/or generic normative references should be avoided. In general, no generic references to standards should be made if the user has to do him/herself the link to the clauses which provide presumption of conformity. This also applies to the “chain of references”. However…** |  |  |  |
| 7 | **Undated normative references may be allowed, but only in exceptional and well-motivated cases. TCs should provide upfront a detailed analysis motivating the exceptional choice and, when the time is needed to solve some related issues, a time plan for their resolution.**  *Are any undated normative references included in the document? If so, please identify them and give details of the technical justification and the proposed time plan to resolve the issues.* |  |  |  |
| 8 | **Generic normative references may be accepted as long as accompanied by a justification explaining why they are necessary. Justifications will be considered only on a case-by-case basis, and they should be real exceptions. When time is needed to solve some related issues, a time plan for their resolution has to be submitted as well.**  *Are any generic normative references included in the document? If so, please identify them and give details of the technical justification and the proposed time plan agreed with the Commission (or the HASTAC).* |  |  |  |
| 9 | **Referencing old versions (normative references) can be allowed as long as (i) the older references are publicly available and (ii) it is motivated why the technical content of the older version has been preferred.**  *Are all references made to the most updated version? (Yes/No)*  *If no, please check that the old version represents the ‘state of the art’ and identify the reference and explain why the old version has been used in preference to the most recent version.* |  |  |  |
| 10 | ***Care should be taken to minimise “chains” of normative references. In particular, standards drafted simultaneously in a 2-part format in which:***   * ***A first part EN xxx-1 (not submitted for publication in the OJEU) has all the information and*** * ***A second part EN xxx-2 (submitted for publication in the OJEU) has only links to the first part and no added information, should be consolidated into a single part.***   *Has the above format been avoided? (Yes/No). If No, please justify.* |  |  |  |
| 11 | ***Harmonised Standards should represent the state of the art and respect, as a minimum, CEPT documents and/or other international benchmarks.***  *Are the technical parameters and limits based on deliverables of CEPT/ECC, or in their absence (see point 4) national regulations and/or other international benchmarks?*  *If yes, please identify the ECC deliverables, the national regulation or other international benchmarks (explain deviation).* |  |  |  |
| 12 | ***Particular care needs to be taken to references to superseded versions and other related documents to ensure that the new version does not worsen the recognised state of the art. This also applies to the “chain of references”.***  ***Relaxation of technical specifications is expected to be appropriately justified.***  ***If there are significant changes in the technical specifications and/or removal of clauses of previous standards, these are explained (Article 5 of the Standardization Request).***  *Are there any requirements in a previous version, which have been removed in this version of the Harmonised Standard (Yes/No)?*  *If yes, please identify which and justify.*  *Are there any significant changes compared to the previous version (Yes/No)?*  *If yes, please identify the informative annex number (Change History) containing the justification.* |  |  |  |
| 13 | **The Annexes A/ZZ needs to be granular, e.g. stipulate the direct relationship between the clauses of the standards and the essential requirements of RED . The Annexes A/ZZ can select and mention, for the purposes of presumption of conformity, specific clauses or parts of the clauses from the harmonised standard. Annexes A/ZZ cannot be used as a means to modify the substance or normative references of the standard.**  *Is Annex A in line with the latest* [EN Harmonised Standard skeleton document](https://portal.etsi.org/services/edithelp!/standardsdevelopment/drafting/skeletons.aspx)*? (Yes/No)*  *If no, please identify the deviation and give justification:* |  |  |  |
| 14 | **The Vademecum on Standardization is respected.**  *Has the Vademecum on European standardisation (SWD(2015) 205 final,* <https://ec.europa.eu/growth/single-market/european-standards/vademecum_en>*), in particular part III, clauses 2.8.2 and 2.8.3 (“Specific guidance for developing harmonised standards”) been respected (Yes/no)?*  *If not, please give details and give justification:* |  |  |  |
| 15 | **Harmonised standards should report precise, complete, well defined and clear performance criteria, technical specifications and test methods to provide presumption of conformity. If deemed appropriate, the harmonised standard can define different precise performance criteria, technical specifications and test methods for different (sub)categories or (sub)classes of radio equipment. As an example:**   * **Manufacturer-declared requirements, manufacturer-declared performance criteria, manufacturer-declared test methods and/or the “80/80 rule” are not allowed in harmonised standards.**   *Is the absence of the above confirmed? (Yes/No)*   * **The reasonably foreseeable conditions of use are addressed (Art 3(1)(a)).**   *This is not normally relevant in ETSI HS – CENELEC deal with this issue.*   * **If there are non-chosen tx/rx parameters, a justification is expected (Technical Committees are advised to anticipate questions on any foreseeable controversial issues, on a case-by-case basis.)**   **The mapping of receiver parameters is expected to be an input to the ongoing revision of harmonised standards.**  *Please justify the selection of technical parameters within the HS..*   * **Radio equipment, when it is placed on the market by demonstrating compliance by means of harmonised standards, shall conform to the technical specifications therein contained. Harmonised standards cannot specify that the installation of accessories is a pre-requisite for complying with the specifications therein contained.**   *Has it been confirmed that the HS does not contain requirements to use specific accessories (e.g. antennas, filters, combiners) when taken in service (Yes/No)?* |  |  |  |
| 16 | ***Tolerances and measurement uncertainties are in line with the ADCO RED documents (TCAM WG (15)05 and 06).***  *TCAM WG (15)05: When included in a HS, are all measurement uncertainties statements informative (Yes/No)?*  *TCAM WG (15)06: When included in a HS, are measurement uncertainties limits either:*   * *Expressed as a plus and minus range around an intermediate value (if this is necessary to permit an effective and efficient use of the spectrum); or* * *Expressed as a single limit only.*   *(Yes/No)?*  ***Mixing tolerances and measurement uncertainties is not allowed****.*  *Has it been confirmed that tolerances and measurement uncertainties are not mixed (Yes/No)?* |  |  |  |
| 17 | **“Intended use” has to be preferred to “intended use as declared by the manufacturer” (or a similar wording).**  *Has it been confirmed that “intended use as declared by the manufacturer” (or a similar wording) is not used?* |  |  |  |