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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | TSAG-TD1095 |
| **TSAG** |
| **Original: English** |
| **Question(s):** | | N/A | | E-Meeting, 25-29 October 2021 |
| **TD (Ref.:** [SG15-LS317](http://handle.itu.int/11.1002/ls/sp16-sg15-oLS-00317.docx)) | | | | |
| **Source:** | | ITU-T Study Group 15 | | |
| **Title:** | | LS on Considerations on the removal of non-inclusive terminology from ITU-T Study Group 15 documents [from ITU-T SG15] | | |
| **Purpose:** | | Action | | |
| **LIAISON STATEMENT** | | | | |
| **For action to:** | | | TSAG | |
| **For comment to:** | | | - | |
| **For information to:** | | | SCV, SG2, SG3, SG5, SG9, SG11, SG12, SG13, SG16, SG17, SG20 | |
| **Approval:** | | | ITU-T SG15 meeting (E-meeting, 23 April 2021) | |
| **Deadline:** | | | 1 December 2021 | |
| **Contact:** | | | Jean-Marie Fromenteau Corning Incorporated USA | Tel: + 49 9561 42 74 20 Email: [fromentejm@corning.com](mailto:fromentejm@corning.com) |
| **Contact:** | | | Malcolm Betts - Chair WP3/15 ZTE China | Tel: +1 613 304 2744 E-mail: [malcolm.betts@zte.com.cn](mailto:malcolm.betts@zte.com.cn) |

A new liaison statement has been received from SG15.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp16-sg15-oLS-00317.docx>.

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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | | **SG15-LS317** | |
| **STUDY GROUP 15** | |
| **Original: English** | |
| **Question(s):** | | | All/15 | | E-meeting, 12-23 April 2021 | |
| **LS** | | | | | | |
| **Source:** | | | ITU-T Study Group 15 | | | |
| **Title:** | | | LS on Considerations on the removal of non-inclusive terminology from ITU-T Study Group 15 documents | | | |
| **LIAISON STATEMENT** | | | | | | |
| **For action to:** | | | | TSAG | | |
| **For comment to:** | | | |  | | |
| **For information to:** | | | | CCT, SCV, all ITU-T Study Groups | | |
| **Approval:** | | | | ITU-T SG15 meeting (E-meeting, 23 April 2021) | | |
| **Deadline:** | | | | 1 December 2021 | | |
| **Contact:** | | Jean-Marie Fromenteau Corning Incorporated USA | | | | Tel: + 49 9561 42 74 20 Email: [fromentejm@corning.com](mailto:fromentejm@corning.com) |
| **Contact:** | | Malcolm Betts - Chair WP3/15 ZTE China | | | | Tel: +1 613 304 2744 E-mail: [malcolm.betts@zte.com.cn](mailto:malcolm.betts@zte.com.cn) |

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| --- | --- |
| **Keywords:** | non-inclusive terminology; |
| **Abstract:** | This LS to TSAG provides some considerations on the removal of non-inclusive terminology from ITU-T SG15 documents and explains the necessity for ITU-T SG15 to receive guidance from TSAG on this matter before taking action to remove potentially non-inclusive terminology from its documents. |

During its E-meeting, 12-23 April 2012, ITU-T Study Group 15 took note of the liaison statements from TSAG - [TSAG-LS41](http://handle.itu.int/11.1002/ls/sp16-tsag-oLS-00041.zip) - on “use of inclusive language in ITU-T standards and ITU-T publications” posted in [TD447/G](https://www.itu.int/md/T17-SG15-210412-TD-GEN-0447/en), as well as from 3GPP TSG SA - [3GPPTSGSA-SP-201144](http://handle.itu.int/11.1002/ls/sp16-3gpptsgsa-iLS-00030.zip) - on “Use of Inclusive Language in 3GPP specifications” posted in [TD440/G](https://www.itu.int/md/T17-SG15-210412-TD-GEN-0440/en) and from IEEE 802.1 Working Group - [IEEE802.1-WorkingGroup-LS62](http://handle.itu.int/11.1002/ls/sp16-ieee802.1-iLS-00062.pdf) - on “use of inclusive language in 3GPP specifications” posted in [TD451/G](https://www.itu.int/md/T17-SG15-210412-TD-GEN-0451/en).

We note that both 3GPP and the IEEE SA have identified the terms master/slave, blacklist, and whitelist as non-inclusive. 3GPP have indicated that “master” is only non‑inclusive when used in the context of master / slave. Further 3GPP have only committed to avoid using these terms in new specifications i.e., Release 17 and beyond.

It is not clear that these are the only potentially non‑inclusive terms, for example should we also consider black, white and colour as being potentially non‑inclusive. To better understand the potential scope of the problem ITU-T SG15 has examined the ~850 documents that are under its responsibility and identified ~210 documents that use the terms master, slave, black, white and colour. This revealed ~65 potentially non-inclusive terms. We can anticipate that other potentially non‑inclusive terms will be discovered when documents across the ITU are examined. We therefore suggest that a list of criteria to evaluate terms should be developed. An initial list of such criteria is provided in Annex A for your consideration. The list of Recommendations and potentially non‑inclusive terms is provided in annex B for your information.

ITU-T SG15 does not have the expertise to judge if a term is non-inclusive or neutral. Further it is important to maintain consistent terminology across the industry and in particular across the ITU. We therefore request guidance from TSAG on this matter.

To maintain consistency across the industry we need to consider the time at which terms judged to be non‑inclusive are replaced. We propose the following for your consideration and would appreciate your comments.

Non-inclusive terminology should be removed from a document before it is submitted for consent or agreement except in the following circumstances:

* Use of the term is required by safety, legal, regulatory, and other similar considerations
* An industry consensus has not been reached on a replacement term
* The non-inclusive term is a reference to a source document that has not been updated.
* A change in terminology would introduce backwards incompatibilities or interoperability issues.

We also propose that, consistent with the direction taken by 3GPP, documents that describe mature technologies which may be approaching “end of life” in the network will not be updated.

As a consequence of the issues described above ITU-T SG15 has decided not to take any action to remove potentially non-inclusive terminology in the documents under its responsibility until guidance has been provided by TSAG on this matter.

ITU-T SG15 looks forward to further cooperation with TSAG on this matter.

**Annex A  
Factors that should be considered to determine if the use of a term is non‑inclusive**

The use of some terms, including master/slave related terms and colour related terms has been identified as being potentially non‑inclusive. This Annex provides criteria to determine if a term is being used in a non‑inclusive way or in a context that makes it neutral.

1. The term “slave” should always be classified as non‑inclusive and should always be replaced.
2. The term “master” should only be classified as non‑inclusive when used in a master/slave context.

* This approach has been adopted by 3GPP and ORAN
* In the context of Synchronization this should be coordinated with IEEE 1588
* Application of this criteria results in terms such as “mastergroup” “master oscillator” “master session key” being classified as neutral, these terms will not be replaced.

1. Colour related terms used to describe the characteristics of a spectrum should not be classified as non‑inclusive.

* Application of this criteria results in terms such as “white noise” “coloured noise” “colourless add/drop” “coloured add/drop” being classified as neutral, these terms will not be replaced.

1. Colour related terms used in the context of packet traffic management should not be classified as non‑inclusive.

* Application of this criteria results in terms such as “colour marking” and “packet colour” being classified as neutral, these terms will not be replaced.

1. Colour related terms (e.g., black, white) used to describe if an entity is opaque or transparent should not be classified as non-inclusive.

* Application of this criteria results in terms such as “black box”, “black link” and “white box” being classified as neutral, these terms will not be replaced.

**Annex B  
Documents under the responsibility of SG15 that use potentially non‑inclusive terminology**

**Table B.1 ‑ Recommendations and Supplements**

Status:

U = Under study   
S = Current technology – Documents referenced by current work, amendments/revisions may not be planned   
M = Mature technology (e.g., FDM line systems, SDH) no amendments or revisions are anticipated

Notes:

* The list should be updated to show the non-inclusive terms in a **bold font,** the potentially non‑inclusive terms (still under study) in aplain text font and terms that are considered to be neutral in an *italic font*.

| Rec. | Potentially non-inclusive terms (master/slave related) | Potentially non-inclusive terms  (colour related) | Status |
| --- | --- | --- | --- |
| G.222 | mastergroup; supermastergroup; |  | M |
| G.223 | mastergroup; |  | M |
| G.225 | master; mastergroup; supermastergroup; |  | M |
| G.230 | mastergroup; supermastergroup; | white noise; | M |
| G.232 |  | white noise; | M |
| G.233 | mastergroup; supermastergroup; |  | M |
| G.241 | mastergroup; supermastergroup; master oscillator; |  | M |
| G.242 | mastergroup; supermastergroup; |  | M |
| G.243 | mastergroup; supermastergroup; |  | M |
| G.332 | mastergroup; supermastergroup; |  | M |
| G.333 | mastergroup; supermastergroup; |  | M |
| G.334 | mastergroup; supermastergroup; |  | M |
| G.341 | mastergroup; |  | M |
| G.343 | mastergroup; supermastergroup; master oscillator; |  | M |
| G.344 | mastergroup; |  | M |
| G.421 | mastergroup; supermastergroup; |  | M |
| G.423 | mastergroup; supermastergroup; |  | M |
| G.442 |  | white noise; | M |
| G.661 |  | black box; | M |
| G.664 | in a master/slave configuration; |  | M |
| G.666 |  | black box; | M |
| G.667 |  | black box; | M |
| G.672 |  | coloured feature; colourless feature; coloured add/drop; colourless add/drop; coloured/directionless device; colourless subsystem; | M |
| G.680 |  | black-box; | M |
| G.695 |  | black box; black link; white noise; | M |
| G.698.1 |  | black link; | S |
| G.698.2 |  | black link; white noise; | S |
| G.698.3 |  | black link; | M |
| G.698.4 |  | black link; black-link; | S |
| G.701 | master clock; |  | M |
| G.703 | master; slave; |  | S |
| G.705 | slave (only appears in the title of referenced Rec. G.812); |  | M |
| G.709 | master; slave; | black link | U |
| G.709.1 | master; slave; | a specific colour assigned to the channel | S |
| G.709.2 |  | Additive White Gaussian Noise; | S |
| G.752 | mastergroup; |  | M |
| G.781 | master-slave; slave; |  | S |
| G.781.1 | master; grandmaster; slave; |  | U |
| G.783 | slave (only appears in the title of referenced Rec. G.813); | white phase modulation; white frequency modulation; | M |
| G.785 | Equipment slave Clocks; |  | M |
| G.792 |  | white noise; | M |
| G.795 | mastergroup; supermastergroup; | white noise | M |
| G.797 | master; slave; |  | M |
| G.803 | master-slave; master-clock; slave; slaved; |  | M |
| G.805 |  | white spot areas; | S |
| G.807 |  | black link; | S |
| G.810 | master; slave; master-slave; slaved; | White Frequency Modulation; White Phase Modulation; | S |
| G.811 | slave; | White Frequency Modulation; | S |
| G.811.1 | slave; |  | S |
| G.812 | master; slave; | white Gaussian noise; | M |
| G.813 | master; slave; | White Frequency Modulation; White Phase Modulation; white noise; Gaussian white noise; | M |
| G.823 | slave (only appears in the title of referenced Recs. G.812 and G.813); |  | M |
| G.824 | slave; | White Frequency Modulation; Gaussian white noise; | M |
| G.825 | slave (only appears in the title of referenced Recs. G.812 and G.813); |  | M |
| G.876 |  | black link; | U |
| G.901 |  | black boxes; | M |
| G.941 | mastergroup; |  | M |
| G.953 |  | white noise; | M |
| G.954 |  | white noise; | M |
| G.959.1 |  | white noise; black-box; black box; | M |
| G.965 | master; slave; |  | M |
| G.967.1 | slave; |  | M |
| G.967.2 | master; |  | M |
| G.973.2 |  | black-link; | M |
| G.975.1 |  | white Gaussian noise; | M |
| G.977.1 |  | black-box; Additive White Gaussian Noise; | M |
| G.983.1 | ONU slaves; |  | M |
| G.983.2 | master; slave; |  | M |
| G.983.4 | slave |  | M |
| G.983.5 | master; |  | M |
| G.984.1 | master; grandmaster; slave; |  | M |
| G.984.3 | master; slave; | coloured traffic; colour partition; colour components; Three Color Marker; | M |
| G.984.4 | master; slave; | colour marking; colour mode; Colour-blind; Colour-aware; | M |
| G.984.6 |  | black-box; colourless; | M |
| G.987 | Master Session Key; |  | M |
| G.987.1 | master; slave; |  | M |
| G.987.3 | master; master session key; slave; |  | S |
| G.988 | master; grandmaster; master session key; master-slave; slave.; | Colour Marker; colour marking; coloured packet; colour; Packet colour; Colour mode; colour-aware; colour-blind; | S |
| G.989 | Master Session Key; |  | M |
| G.989.1 | equipment slave clock; | colourless; colourless ONU; coloured; | M |
| G.989.2 |  | colourless ONU transceiver; | M |
| G.989.3 | master; master session key; slave; |  | S |
| G.991.1 | master; slave; eoc-master; |  | M |
| G.991.2 | master; slave; | white noise; | M |
| G.992.1 | master; slave; |  | M |
| G.992.2 | master; slave; |  | M |
| G.992.3 | The UTOPIA Tx and Rx clocks are mastered from the ATM layer; | blackout; | M |
| G.992.4 |  | sub-carrier black-out lists; | M |
| G.992.5 |  | blackout; | M |
| G.993.1 | master; slave; | Additive White Gaussian Noise; This noise will be almost white over all the tones; coloured noise; | M |
| G.993.2 | master; slave; | blackout; | M |
| G.994.1 | DRR master; |  | S |
| G.996.2 | master; | black box; | M |
| G.7043 | master-frame; |  | M |
| G.7701 |  | the black link approach; | S |
| G.7711 | master; slave; | white box; black box; | S |
| G.7712 |  | black-hole; | S |
| G.7721 | master; slave; |  | S |
| G.8021 |  | colour-aware; colour-blind; | S |
| G.8133 | master; slave; |  | S |
| G.8251 | master; slave; | white noise; white Gaussian noise; white phase modulation; White Frequency Modulation; | S |
| G.8260 | master; slave; | white phase modulation; white noise; white phase noise; White Frequency Modulation; | S |
| G.8261 | master; grandmaster; master-slave; slave; | black box; | S |
| G.8261.1 | master; slave; |  | S |
| G.8262 | master; master-slave; slave; | white Gaussian noise; | S |
| G.8262.1 | master; slave; |  | S |
| G.8263 | master; grandmaster; slave; | white noise; white; the process Pn is white; | S |
| G.8264 | master; slave; |  | S |
| G.8265 | master; slave; |  | S |
| G.8265.1 | grandmaster; master; slave; |  | S |
| G.8266 | grandmaster; master; slave; |  | S |
| G.8271 | grandmaster; master; slave; | white noise; | S |
| G.8271.1 | master; grandmaster; slave; |  | S |
| G.8271.2 | master; grandmaster; slave; |  | S |
| G.8272 | master; |  | S |
| G.8272.1 | master; slave; | white frequency modulation; | S |
| G.8273 | master; slave; | white phase modulation; | S |
| G.8273.1 | grandmaster; |  | U |
| G.8273.2 | master; grandmaster; slave; | white phase modulation; | S |
| G.8273.3 | Grandmaster; slave; |  | S |
| G.8273.4 | master; grandmaster; slave; |  | S |
| G.8275 | master; grandmaster; slave; slaved; |  | S |
| G.8275.1 | master; grandmaster; slave; slaved; | white phase modulation; white frequency modulation; | S |
| G.8275.2 | master; grandmaster; slave; |  | S |
| G.8300 | master; slave; |  | S |
| G.9701 | master; slave; |  | S |
| G.9711 | master; slave; | blackout subcarriers; BLACKOUT set; | S |
| G.9801 | master; slave; |  | M |
| G.9802 |  | colourless ONU; | M |
| G.9803 | slave (only appears in the titles of referenced Recs G.813 and G.8262); |  | S |
| G.9804.1 | master; slave; | colourless; | S |
| G.9807.1 | master; Master Session Key; slave; |  | M |
| G.9807.2 |  | Either coloured or tunable TX technology can fulfil this function.; | M |
| G.9901 |  | coloured background noise; | M |
| G.9902 | master; |  | M |
| G.9903 | master; slave; | white list; black list; blacklisted; | M |
| G.9904 | master; |  | M |
| G.9952 |  | white noise; additive white Gaussian noise; | M |
| G.9954 | master; master-controlled; master-designated; slave; | white noise; 16-symbol white, constant amplitude QPSK sequence; a white, constant amplitude QPSK sequence; white Gaussian noise; | M |
| G.9959 | master; |  | M |
| G.9960 | master; |  | M |
| G.9961 | master; |  | S |
| G.9962 | master; |  | M |
| G.9963 | master; |  | S |
| G.9964 | master; |  | M |
| G.9972 | master; slave; | Additive White Gaussian Noise; | M |
| G.9977 | master; |  | M |
| G.9978 | master; |  | M |
| G.9991 | master; |  | S |
| G.9992 | master; |  | M |
| G.hsp.comTC | master; slave; |  | U |
| G.hn2 | master (appears in G.hn2 issues list as agreed titles of clauses); |  | U |
| G.Sup29 |  | white noise; | M |
| G.Sup39 |  | black box; | M |
| G.Sup41 |  | black-box; black-link; | S |
| G.Sup42 |  | black-box; black link; black-link; coloured add/drop; colourless add/drop; | M |
| G.Sup44 | master; slave; | black-box; | M |
| G.Sup45 |  | white paper; | M |
| G.Sup46 |  | black-box; | M |
| G.Sup50 | master; slave; | blackout; black-out lists; | S |
| G.Sup55 |  | Each RoF interface is colourized.; colourless transceiver; | S |
| G.Sup60 | master; slave; |  | S |
| G.Sup64 |  | black box; White Paper (appears only in a reference and indicates the type of the referenced document); | M |
| G.Sup65 | master; grandmaster; slave; master-to-slave; slave-to-master; | white noise; White Frequency Modulation; White Phase Modulation; | S |
| G.Sup66 |  | white papers; colourless ONU; | M |
| G.Sup67 | slave (only appears in the titles of referenced Recs. G.8262, G.8262.1 and G.8273.2); |  | M |
| G.Sup68 | master; grandmaster; slave; |  | S |
| G.sup.5GBH |  | The above guidelines and other white papers from NGMN are widely accepted; Method from [CCSA](http://www.baidu.com/link?url=PqHOfdEhzn0HsNuSh2maE1UgS4AtQv_JxjTj6h-zcO0ieu2dSI189WCwrAiHYBn9) white paper; White Paper (appears in a reference and indicates the type of the referenced document); | U |
| G.sup.media-im-ex | Best Master Clock Algorithm; |  | U |
| I.430 | master; slave; |  | M |
| I.431 | master; |  | M |
| I.741 | slave; | white noise; white frequency spectrum; white power spectral density | M |
| L.126 | master line; master gas; |  | M |
| L.162 |  | blackouts; | M |
| L.392 |  | blackout; | M |
| L.Sup35 |  | blackouts; a blackout area; | M |
| O.22 |  | white noise; white Gaussian noise; | M |
| O.27 |  | white noise; | M |
| O.41 |  | white noise; | M |
| O.42 |  | white noise; | M |
| O.81 |  | white noise; | M |
| O.91 |  | white noise; | M |
| O.111 |  | white noise; | M |
| O.171 | slave (only appears in the title of referenced Rec. G.812); |  | M |
| O.172 | slave (only appears in the titles of referenced Recs. G.812 and G.813); | *x* is about white out to a bandwidth BW; A time function *x* that is white out to a bandwidth BW; | M |
| O.174 | slave (only appears in the titles of referenced Recs. G.812, G.813, and G.8262); | White Gaussian noise; | M |
| O.181 | slave (only appears in the title of referenced Rec. G.813); |  | M |
| O.182 |  | white box testing; white box method; black box testing; black box method; | M |
| Q.542 | a master clock; |  | M |
| R.44 | master oscillator; | White Book (appears only in a reference and indicates the type of the referenced document); | M |
| R.77 |  | White Book (appears only in a reference and indicates the type of the referenced document); | M |
| R.117 |  | white noise; | M |
| V.38 | master; slave; |  | M |
| V.300 | master; slave; |  | M |

**Table B.2 ‑ Technical papers and technical reports**

Notes:

* The ITU-T publishes technical papers and technical reports on its web site without classifying by Study Group. Since it is unclear which technical papers and reports are under the responsibility of SG15, the published documents that have been reviewed are listed below the table:
* The list should be updated to show the non-inclusive terms in **bold** and the potentially non‑inclusive terms (still understudy) inplain text terms that are not considered to be non‑inclusive are shown in *italics*.

Status:

U = Under study   
S = Current technology – Documents referenced by current work, amendments/revisions may not be planned  
M = Mature technology (e.g., SDH) no amendments or revisions are anticipated

| Document | Potentially non-inclusive terms (master/slave related) | Potentially non-inclusive terms (colour related) | Status |
| --- | --- | --- | --- |
| GSTP-HNSG: Technical paper on the use of G.hn technology for smart grid | master; slave; |  | M |
| GSTP-HNIA: Use of G.hn in Industrial Applications |  | white paper (appears only in a reference and indicates the type of the referenced document); | M |
| GSTR-GNSS: Considerations on the use of GNSS as a primary time reference in telecommunications | master; |  | M |
| GSTR-TN5G: Transport network support of IMT-2020/5G |  | White Paper (appears only in the title of the referenced document); | S |
| GSTP-NTSU: NT software upgrade for one image | master; |  | M |
| TPLS.G-HN: Operation of G.hn technology over access and in-premises phone line medium | master; |  | M |
| Wireline broadband access networks and home networking | master; slave; | blackout; black-out lists | M |
| Applications of ITU-T G.9960, ITU-T G.9961 transceivers for Smart Grid applications: Advanced metering infrastructure, energy management in the home and electric vehicles (06/2010) | master; |  | M |
| TR-OFCS: Technical Report on Optical fibres, cables and systems (2015-07) |  | black-box; black box; black link; black-link; white Gaussian noise; white noise; non-white noise; coloured features; colourless features | M |
| Using submarine cables for climate monitoring and disaster warning - Opportunities and legal challenges | master; |  | M |
| TP-ARCH-HN: Technical paper of architecture, function and service of home network | slave; |  | U |
| TP-GHN: Overview of the G.hn technology | master; |  | U |
| TP-SG: Technical paper on the use of G.hn technology in smart grid applications | master; slave; |  | U |
| TP-VLC: Technical Paper on the use of ITU-T G.9991 technology for Light Communication (LC) | master; |  | U |
| Technical Paper: Use Case & Requirements of Fibre-to-The-Room (FTTR) | master; |  | U |

Note: The ITU-T publishes technical papers and technical reports on its web site without classifying by Study Group. Since it is unclear which technical papers and reports are under the responsibility of SG15, the published documents that have been reviewed are listed below:

* GSTP-HNSG: Technical paper on the use of G.hn technology for smart grid (09/2020)
* GSTP-HNIA: Use of G.hn in Industrial Applications (7 February 2020)
* GSTR-GNSS: Considerations on the use of GNSS as a primary time reference in telecommunications (07 February 2020)
* GSTR-TN5G: Transport network support of IMT-2020/5G (19 October 2018)
* GSTR-TN5G: Transport network support of IMT-2020/5G (9 February 2018)
* GSTP-NTSU: NT software upgrade for one image (19 October 2018)
* TPLS.G-HN: Operation of G.hn technology over access and in-premises phone line medium (3 July 2015)
* Wireline broadband access networks and home networking (12/2011)
* Applications of ITU-T G.9960, ITU-T G.9961 transceivers for Smart Grid applications: Advanced metering infrastructure, energy management in the home and electric vehicles (06/2010)
* TR-OFCS: Technical Report on Optical fibres, cables and systems (2015-07)
* LSTP-GLSR: Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant (February 2020)
* LSTP-GLSR: Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant (19 October 2018)
* LSTP-GLSR: Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant (30 June 2017)
* Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant (4 April 2014)
* Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant (April 2008)
* Using submarine cables for climate monitoring and disaster warning - Engineering feasibility study (2012)
* Using submarine cables for climate monitoring and disaster warning - Strategy and roadmap (2012)
* Using submarine cables for climate monitoring and disaster warning - Opportunities and legal challenges (2012)

**Table B.3 – Consolidated list of master/slave related terms found in the SG15 documents listed in Tables B.1 and B.2**

| Master/slave related |
| --- |
| eoc-master |
| grandmaster |
| Master |
| master clock |
| Master Clock Algorithm |
| master gas |
| master line |
| master oscillator |
| master session key |
| master/slave configuration |
| master-controlled |
| master-designated |
| mastered from |
| master-frame |
| Mastergroup; Supermastergroup |
| master-slave |
| master-to-slave |
| slave |
| slave clock |
| slaved |
| slaves |
| slave-to-master |

**Table B.4 – Consolidated list of potentially non-inclusive colour related terms found in the SG15 documents listed in Tables B.1 and B.2**

| Colour related |
| --- |
| black box(es); black-box |
| black link; black-link |
| black-hole |
| black list, blacklisted |
| Blackout |
| blackout set; black-out lists; blackout subcarriers |
| colour |
| colour components |
| Colour Marker, colour marking |
| colour mode |
| colour partition |
| Colour:  a specific colour assigned; Packet colour; Three Colour Marker |
| colour-aware |
| colour-blind |
| coloured add/drop |
| coloured background noise; coloured noise |
| coloured feature(s) |
| coloured packet |
| coloured traffic |
| coloured/directionless device |
| colourized |
| colourless |
| colourless add/drop |
| colourless feature |
| colourless subsystem |
| colourless transceiver |
| White Book |
| white box |
| white frequency modulation |
| white frequency spectrum |
| white Gaussian Noise; white noise |
| white list |
| white out |
| White Paper(s) |
| white phase modulation |
| white phase noise |
| white power spectral density |
| White 16-symbol white, constant amplitude QPSK sequence |
| White the process Pn is white |
| white, constant amplitude QPSK sequence **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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