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| Project | **IEEE DySPAN-SC 1900.5** |
| Title | **1900.5 contribution to the 1900.1 revision** |
| DCN | **5-15-0003-00-subs** |
| Date Submitted | **1/05/2015** |
| Source(s) | 1900.5 Working Group  |
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| Abstract | This document contains proposed modifications to the 1900.1 standard as approved by the 1900.5 working group |
| Purpose |  |
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**TABLE 1: Shall be completed for each term that has been identified for potential deletion or revision, or for any new term that is proposed**

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| incompatible interference |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | Interference that exceeds the threshold interference limits defined for a receiver. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
| Is your opinion representing another group? –If yes, indicate which group here (e.g., “802.11”) | **1900.5** |
| Other comments |  |

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| model-based spectrum management |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | Spectrum management based on the creation, exchange and analysis of spectrum consumption models. Note: Incumbent and proposed spectrum uses are captured in spectrum consumption models. The efficacy of proposed uses is arbitrated based on the compatibility of these models |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
| Is your opinion representing another group? –If yes, indicate which group here (e.g., “802.11”) | **1900.5** |
| Other comments |  |

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| spectrum consumption model: |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | A model of spectrum use identifying the key phenomenology and operational use that can be used to determine the extent of RF spectrum effects. Note: Use of the spectrum consumption models presumes a set of agreed methods for evaluating compatibility between models in support of model based spectrum management. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
| Is your opinion representing another group? –If yes, indicate which group here (e.g., “802.11”) | **1900.5** |
| Other comments |  |

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| spectrum consumption list |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | A spectrum boundary and list of spectrum consumption models which impact uses of spectrum within that boundary. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
| Is your opinion representing another group? –If yes, indicate which group here (e.g., “802.11”) | **1900.5** |
| Other comments |  |

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| spectrum authorization list |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | A list of spectrum consumption models that define spectrum that is available for a system to use. An allowed new use of spectrum is one that falls within the limits of one or more of the spectrum consumption models in this list. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
| Is your opinion representing another group? –If yes, indicate which group here (e.g., “802.11”) | **1900.5** |
| Other comments |  |

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| spectrum constraint list |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term |  A list of spectrum consumption models with which a new use must not cause incompatible interference. Spectrum constraint lists are given together with a spectrum authorization list to define spectrum availability. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
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| Other comments |  |

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| spectrum management enterprise |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | An organization that needs to arbitrate the use of spectrum by its own spectrum dependent systems so warrants its own spectrum management activity. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
| Is your opinion representing another group? –If yes, indicate which group here (e.g., “802.11”) | **1900.5** |
| Other comments |  |

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| --- | --- |
| spectrum manager |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | An organization, person, or automated process that arbitrates the use of spectrum. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
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| Other comments |  |

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| local regulating administration |  |
| Term Heading Number (for new term mark “New”) |  |
| Current Definition, or Proposed Definition for New Term | The administration with legal authority to establish policy for the use of spectrum within the local geographic region.  |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
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| Other comments |  |

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| --- | --- |
| spectrum boundary |  |
| Term Heading Number (for new term mark “New”) | New |
| Current Definition, or Proposed Definition for New Term | A spatial, spectral and temporal extent. |
| Propose to Revise or Delete (R/D) |  |
| Rationale/justification | Used in the 1900.5.2 Draft. |
| Proposed Revision Text (please use track changes on top of current definition – not applicable for new terms) |  |
| Strength of Opinion (1-5: 5 – strong opinion should be revised or deleted, 1 – weak opinion) | 5 |
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| Other comments |  |