IEEE P802.19
Wireless Coexistence

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| Mobility Information Parameters |
| Date: 2013-05-15 |
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Abstract

This contribution proposes resolutions for comments CID# 37and CID# 38 to complete the mobility information parameter element in Tables A.13 and A.20 based on the definition agreed in document 19-13/001r3 in January 2013 meeting.

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**Comments CID 37and 38**

Tables A.13 and A.20 listing mobility information parameter element are not complete in standard draft IEEE P802.19.1/DF3.03.

**Proposal**

We propose to complete Table A.13 and Table A.20 as follows (based on *MobilityInformation* definition that was agreed in document 19-13/001r3).

Table A. 13– mobilityInformation parameter element

|  |  |  |
| --- | --- | --- |
| *Parameter* | *Data type* | *Value* |
|  ***maxSpeed*** |  ***REAL*** |  Optionally present. If present, this parameter shall be set to indicate the maximum speed value of the WSO (in km/h) |
|  ***speedInformation*** |  ***SpeedInofrmation*** |  Optionally present. If present, this parameter shall be set to indicate detailed information on the WSO speed and direction. |
|  ***routeInformation*** |  ***RouteInformation*** |  Optionally present. If present, this parameter shall be set to indicate the WSO planned route and time,  |

The SpeedInformation and RouteInformation datatypes (need to be added in Annex A) are defined as

SpeedInformation ::= SEQUENCE {

 WSOSpeed REAL, -- km/h

WSODirection REAL, -- radian

}RouteInformation ::= SEQUENCE {

 PlannedRoute SEQUENCE of geolocation,

 PlannedTime SEQUENCE of GeneralizedTime

 }

Table A. 20– mobilityInformation parameter element

|  |  |  |
| --- | --- | --- |
| *Parameter* | *Data type* | *Value* |
|  ***maxSpeed*** |  ***REAL*** |  Optionally present. If present, this parameter shall be set to indicate the maximum speed value of the WSO (in km/h) |
|  ***speedInformation*** |  ***SpeedInofrmation*** |  Optionally present. If present, this parameter shall be set to indicate detailed information on the WSO speed and direction. |
|  ***routeInformation*** |  ***RouteInformation*** |  Optionally present. If present, this parameter shall be set to indicate the WSO planned route and time,  |