IEEE P802.11  
Wireless LANs

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| TGad Conference Call Minutes | | | | |
| Date: 2011-02-03 | | | | |
| Author(s): | | | | |
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| Carlos Cordeiro | Intel Corporation | 2111 NE 25th Ave  Hillsboro, OR 97124 |  | Carlos.Cordeiro@intel.com |

Abstract

TGad conference call minutes for 2011.

# Conference Call Times

|  |  |  |
| --- | --- | --- |
| **Date** | **Start Time** | **End Time** |
| January 6, 2011 | 10 AM Eastern Time | 12 PM Eastern Time |
| January 13, 2011 | 8 PM Eastern Time | 10 PM Eastern Time |
| January 27, 2011 | 10 AM Eastern Time | 12 PM Eastern Time |
| February 3, 2011 | 8 PM Eastern Time | 10 PM Eastern Time |
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# Minutes from January 5, 2011 Conference Call

## Agenda

* Check to see if anyone is not familiar with the IEEE patent policy <http://standards.ieee.org/board/pat/pat-slideset.pdf>
* Attendance by email
* D1.0 Relay Operation Related Comment Resolution, 11/0001r0, Kapseok Chang
* Comment resolution, 10/1220r10, Carlos Cordeiro

## Patent Policy

No one was not familiar with the IEEE patent policy.

No essential patent disclosure

## 11/0001r0

* Addressing CID 142
  + No objection to resolution
* 648
  + No objection to resolution
* 965
  + Refer to CID 652, which will include all of clause 10 resolutions
  + No objection to resolution
* 968
  + No objection to resolution
* 969
  + No objection to resolution
* 1076
  + Change to agree in principle
  + No objection to resolution
* 1078
  + No objection to resolution
* 1134
  + No objection to resolution
* 1135
  + Request for example from 802.11
    - In DLS
  + Defer, discuss next conference call
* 1136
  + No objection to resolution
* 1137
  + How is time predetermined?
  + Is there mechanism to share this?
    - Defined as constant value
    - See CID 71
  + No objection to resolution
* 1138
  + Defer, discuss next conference call

Will post r1 to server

## 10/1220r10

* CID 32
  + No objection to resolution
* 943
  + No objection to resolution
* 1113
  + No objection to resolution
* 531
  + Brief discussion
  + No objection to resolution
* 636
  + No objection to resolution
* 959
  + No objection to resolution
* 960
  + No objection to resolution
* 962
  + No objection to resolution
* 439
  + Question regarding the suggested value of MCS is in field, why need to change to decrease or increase
  + Remove modification for MCS, just for transmit power
  + No objection to resolution
* 967
  + No objection to resolution
* 18
  + No objection to resolution
* 1216
  + No objection to resolution
* 126
  + Duplicate of 1216
  + No objection to resolution
* 131
  + No objection to resolution
* 130
  + No objection to resolution
* 178
  + No objection to resolution
* 179
  + No objection to resolution
* 109
  + No objection to resolution
* 110
  + No objection to resolution
* 111
  + No objection to resolution
* 642
  + No objection to resolution
* 971
  + No objection to resolution
* 973
  + No objection to resolution
* 976
  + No objection to resolution
* 146
  + No objection to resolution
* 984
  + No objection to resolution
* 462
  + No objection to resolution
* 463
  + No objection to resolution
* 464
  + No objection to resolution
* 465
  + No objection to resolution
* 466
  + No objection to resolution
* 600
  + No objection to resolution
* 474
  + No objection to resolution
* 24
  + No objection to resolution
* 479
  + discussion whether SLS part of text should be a should or shall
  + No objection to resolution

# Minutes from January 13, 2011 Conference Call

## Agenda

* Check to see if anyone is not familiar with the IEEE patent policy <http://standards.ieee.org/board/pat/pat-slideset.pdf>
* Attendance by email
* MAC-QAB comment resolution, 11/0038r0, Zhou Lan
* D1.0 Relay Operation Related Comment Resolution, 11/0001r2, Kapseok Chang
* Comment resolution, 10/1220r11, Carlos Cordeiro

## Patent Policy

No one was not familiar with the IEEE patent policy.

No essential patent disclosure

## 11/0038r0

* Addressing CID 966
  + No objection to resolution
* 1125
  + No objection to resolution
* 1126
  + No objection to resolution
* 1127
  + No objection to resolution
* 1128
  + No objection to resolution
* 1129
  + Discussion:
    - Can’t the token be used to distinguish between requester and responder AP? Not sure address is necessary.
  + No objection to resolution

## 11/0001r2

* CID 1135
  + No objection to resolution
* CID 1138
  + No objection to resolution

## 10/1220r11

* CID 459
  + No objection to resolution
* 1186
  + No objection to resolution
* 949
  + No objection to resolution
* 952
  + No objection to resolution
* 103
  + No objection to resolution
* 13
  + No objection to resolution
* 1184
  + No objection to resolution
* 409
  + No objection to resolution
* 981
  + No objection to resolution
* 477
  + No objection to resolution
* 1003
  + No objection to resolution
* 446
  + No objection to resolution
* 449
  + No objection to resolution
* 1181
  + No objection to resolution
* 1013
  + No objection to resolution
* 1017
  + No objection to resolution
* 1020
  + No objection to resolution
* 601
  + No objection to resolution
* 425
  + No objection to resolution
* 502
  + No objection to resolution
* 1033
  + No objection to resolution
* 283
  + No objection to resolution
* 31
  + No objection to resolution
* 207
  + No objection to resolution
* 208
  + No objection to resolution
* 222
  + No objection to resolution
* 224
  + No objection to resolution
* 226
  + No objection to resolution
* 236
  + No objection to resolution
* 241
  + No objection to resolution
* 243
  + No objection to resolution
* 244
  + No objection to resolution
* 245
  + No objection to resolution
* 629
  + No objection to resolution
* 174
  + No objection to resolution
* 162
  + No objection to resolution
* 1041
  + No objection to resolution
* 1052
  + No objection to resolution
* 1058
  + No objection to resolution
* 328
  + No objection to resolution
* 329
  + No objection to resolution
* 330
  + No objection to resolution
* 331
  + No objection to resolution
* 332
  + No objection to resolution
* 333
  + No objection to resolution
* 334
  + No objection to resolution
* 335
  + No objection to resolution
* 337
  + No objection to resolution
* 338
  + No objection to resolution

# Minutes from January 27, 2011 Conference Call

## Agenda

* Check to see if anyone is not familiar with the IEEE patent policy <http://standards.ieee.org/board/pat/pat-slideset.pdf>
* Attendance by email
* Comment resolution, 10/1220r16, Carlos Cordeiro

## Patent Policy

No one was not familiar with the IEEE patent policy.

No essential patent disclosure

## 10/1220r16

No objection to the resolution of the following CIDs: 1104, 633, 1224, 1112, 961, 15, 513, 963, 1117, 140, 141, 594, 596, 440, 993, 995, 996, 1000, 511, 1002, 480, 1004, 1005, 447, 1014, 1015, 1016, 495, 496, 1018, 414, 1019, 415, 438, 1023, 1024, 1025, 1026, 1027

# Minutes from February 3, 2011 Conference Call

## Agenda

* Check to see if anyone is not familiar with the IEEE patent policy <http://standards.ieee.org/board/pat/pat-slideset.pdf>
* Attendance by email
* CA Doc comment resolution, 11/0219r0, Eldad Perahia
* CA Doc modifications, 10/1025r4, Eldad Perahia
* Comment Resolution, 11/0212r0, Carlos Cordeiro
* Comment resolution, 10/1220r17, Carlos Cordeiro

## Patent Policy

No one was not familiar with the IEEE patent policy.

No essential patent disclosure

## 11/0219r0 & 10/1025r4

* 11/0219r0 addresses CID 134 and 627
  + Discussion on link/power level analysis versus MAC mechanisms
  + Modified resolution to reference 15-09/0022r9 section 3 page 12 line 31 “We expect that the impact on 802.11 TGad devices would be similar.”
  + will be uploaded as r1
  + No objection to resolution
* 10/1025r4
  + No objection to changes to CA doc

## 11/0212r0

* CID 937
  + No objection to resolution
* 1105
  + No objection to resolution
* 7, 8, 1106
  + No objection to resolution
* 588
  + No objection to resolution
* 954
  + No objection to resolution
* 11 (in r1, typo in CID # in r0)
  + No objection to resolution
* Upload r1 to server

## 10/1220r17

* 426
  + Modified resolution such that PBSS is a service
  + No objection to resolution
* 491
  + No objection to resolution
* 1031
  + No objection to resolution
* 1032, 264
  + No objection to resolution
* 267
  + No objection to resolution
* 269
  + No objection to resolution
* 270
  + No objection to resolution
* 271
  + No objection to resolution
* 272
  + No objection to resolution
* 273
  + Modified resolution to refer to 271
  + No objection to resolution
* 274
  + No objection to resolution
* 277
  + No objection to resolution
* 278
  + No objection to resolution
* 279
  + No objection to resolution
* 280
  + No objection to resolution
* 119
  + No objection to resolution
* 184
  + No objection to resolution

# Minutes from February 10, 2011 Conference Call

## Agenda

* Vinko Erceg chair
* Check to see if anyone is not familiar with the IEEE patent policy <http://standards.ieee.org/board/pat/pat-slideset.pdf>
* Attendance by email
* DTP, 11/0236r1, ChaoChun Wang
* Comment resolution, 10/1220r18, Carlos Cordeiro

## Patent Policy

No one was not familiar with the IEEE patent policy.

No essential patent disclosure

## 11/0236r1

* 11/0219r0 addresses CID 1030 and 421
* CID 421 Reject
* CID 1030 Agree in principle.
  + Discussion regarding “should” or “shall” statement.
    - John Barr: if there is “should” why is specific time needed?
    - Carlos: time is needed to the transmitter state, regarding retransmission.
    - “Should” statement remains, with some text changes.
* Revision 2 of the document will be uploaded to the server.

## 10/1220r18

* CID 186 Agree in principle (see CID 189)
* CID 1034 Disagree
* CID 1035 Agree in Principle
* CID 188 Agree in Principle
* CID 525 Disagree
* CID 527 Disagree
* CID 526 Disagree
* CID 192 Agree in Principle
* CID 196 Disagree
* CID 1036 Agree in Principle
* CID 69 Disagree
* CID 203 Agree, modified resolution
* CID 240 Agree in principle
* CID 1061 Agree in principle
* CID 301 Agree
* CID 380 Agree in Principle
* CID 150 Disagree
* CID 395 Agree in Principle
* CID 388 Agree
* CID 389 Agree in Principle
* CID 392 Agree in Principle
* CID 400 Disagree
* CID 397 Disagree
* CID 1069 Disagree
* CID 1072 Agree

## Remaining CIDS

All CIDs but 6 are now addressed. Sai has a submission on one of them. 3 CIDs are assigned to Brian and 2 CIDs to James. All resolutions will be likely resolved by the Feb24 conference call.

Conference call adjourned at 8:50am PST.

# Attendance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Participant** | **Jan 6** | **Jan 13** | **Jan 27** | **Feb 3** | **Feb 10** |  |  |  |  |  |  |  |  |  |  |  |  |
| John Barr (NICT) |  | **x** | **X** | **x** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| Ted Booth (Sony) | **x** |  | **X** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| George Bumiller (RIM) |  | **x** |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kapseok Chang (ETRI) | **x** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carlos Cordeiro (Intel) | **x** | **x** | **X** | **x** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| John Dorsey (Apple) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lee Drennan (Buffalo Technology) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chunjie Duan (Mitsubishi Electric Corp) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Peter Ecclesine (Cisco) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vinko Erceg (Broadcom) |  |  |  |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| Sudheer Grandhi (InterDigital) | **x** | **x** | **X** | **x** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| Mark Grodzinsky (Wilocity) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Christopher Hansen (Broadcom) |  |  | **X** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dan Harkins (Aruba) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brian Hart (Cisco) |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Julan Hsu (Samsung) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Avinash Jain (Qualcomm) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Padam Kafle (Nokia) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Naveen Kakani (Nokia) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assaf Kasher (Intel) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shu Kato (NICT) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yongsun Kim (ETRI) |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Paul Lambert (Marvell) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yong Liu (Marvell) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brad Lynch (Peraso Technologies) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jeff Marker () | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| K. Maruhashi (NEC) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sai Nandagopalan (Tensorcom) | **x** |  | **X** | **x** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| Eldad Perahia (Intel) | **x** | **x** |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Changwoo Pyo (NICT) |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adrian Stephens (Intel) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Solomon Trainin (Intel) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hossein Taghavi (Qualcomm) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ichihiko Toyoda (NTT) | **x** | **x** | **X** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chao-Chun Wang (MediaTek) | **x** |  |  | **x** | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| James Yee (Mediatek) |  | **x** |  |  | **x** |  |  |  |  |  |  |  |  |  |  |  |  |
| SK Yong (Marvell) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Xin Zhang (NICT) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amichai Sanderich (Wilocity) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |