

HARQ Ad-hoc group harmonization report

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Source:

Wen Tong

Nortel

Youngbin Chang

Samsung Electronics

Voice: 613-763-1315

E-mail: wentong@nortel.com

Voice: 82-31-279-5519

E-mail: yb.chang@samsung.com

Venue:

IEEE 802.16 Session #49, Portland, USA

Base Document:

None

Purpose:

To report harmonization status at HARQ Ad-hoc group in Relay TG

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Ad-hoc harmonization activity

- 5 conference call was held
 - 30 March, 13 April, 16 April, April 23, April 30
- 13 contributions are discussed
 - 07/185r6, 07/196r1, 07/197, 07/203r3, 07/204r4, 07/226r1, 07/232r2, 07/233r2, 07/252r2, 07/253, 07/290r2, 02-297r2, 07/298

Harmonization results

- 1 contribution is accepted by Ad-hoc group
 - 07/197 is accepted
- 1 contribution is rejected
 - 07/196r1
- 1 contribution is superceded
 - 07/298 is superceded into 252r2
- 10 remaining contributions will be discussed. On the process of harmonization
- High level agreement on HARQ category
 - DL non-transparent RS
 - UL non-transparent RS
 - DL transparent RS
 - UL transparent RS
- Base document(07/360) of Ad-hoc group discussion
 - Describe harmonization scope table, contribution harmonization table

Ad-hoc plan

- In 7 May, there is F2F Ad-hoc meeting after TG session
 - It will be posted in Ad-hoc email group by Ad-hoc chair
- To resolve 10 remaining contributions,
 - 07/185r6, 07/203r3, 07/204r4, 07/226r1, 07/232r2, 07/233r2, 07/252r2, 07/253, 07/290r2, 07/297r2
 - How to make harmonization document
- During the #49 meeting, several F2F meetings will be held

1st F2F meeting report

HARQ Ad-hoc harmonization F2F Meeting

- May 7, 2007 F2F meeting
 - Start 8:40pm finish 11:20pm
- Venue
 - Alaska Room

Attendees

- People list(22)
 - Wen Tong, Youngbin, Youn-Tai Lee, Gang Shen, Hsien-Tsang Hsu, Yung-Ting Lee, Hongyun Qu, I-Kang Fu, Lei Du, Daging Gu, Anxin Li, Fujio Watanabe, Eugen Visotksy, Shyamal Ramachanelrian, Adrian Boaliu, Yousuf Saifullah, Aik Chindapol, Michiharu Nakamura, Nohara, Peying, Rakesh, Kanchei loa,

Meeting Outcome

- 2 contributions are discussed, no consensus reached
- Start to harmonize DL transparent RS
 - Worked on C802.16j-07233r5
 - Group reviewed text proposal in the 233r5
 - Removed introduction
 - Agreed the ACK/NACK encoding scheme
 - Hop-by-Hop text is greed
 - More discussion on RS assisted HARQ is required
 - Editorial enhancement of text
 - Worked on C802.16j-07185r5
 - Text proposal text proposal on multicast transparent RS transmission
 - More discussion on RS assisted HARQ is required
- No sufficient time to complete harmonization, it needs more time to harmonize

2nd F2F meeting report

HARQ Ad-hoc harmonization 2nd F2F Meeting

- May 8, 2007 F2F meeting
 - Start 10:20pm finish 02:20am
- Venue
 - Holladay Room

Meeting Outcome

- Agreed texts among 10 contributions in HARQ Ad-hoc group are merged to 07/203r6, 07/204r5, 07/232r8 and 07/233r4 within the HARQ Ad-hoc group
- HARQ Ad-hoc recommend to accept these 4 contributions by Relay TG
 - 07/203r6: DL HARQ for non-transparent RS
 - 07/204r5: UL HARQ for non-transparent RS
 - 07/232r8: DL HARQ for transparent RS
 - 07/233r4: UL HARQ for transparent RS