IEEE P802.11

Wireless LANs

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| Enquiry from Nufront |
| Date: 2011-12-08 |
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Abstract

This document reports that a letter from Nufront was received (11-11-1608) and that the Chair of 802.11 prepared an initial individual response to Nufront as a starting point for further discussions.

 **An email letter was received from Nufront and was reported in document 11-11-1608. (shown in English on page 3 of the document)**

**In the interest of continuing the dialog the following email was composed in English and also translated into Chinese and sent in response.**

**IEEE 802.11 confirms receipt of the letter from NuFront regarding the information about EUHT, the China recommended industry standard and thanks NuFront for this information. In the letter, Nufront asked the following questions; a response from the 802.11 Chairman is shown below each question:**

**1. What is IEEE 802.11’s view towards China developing the EUHT telecom industry standard?**

*My personal understanding is that Nufront has developed a new wireless LAN specification that is recognized by the Chinese government and it is desired that the specification be broadly promoted within the wireless LAN industry. I have not yet had an opportunity to determine the majority opinion of the 802.11 working group.*

**2. Back in the June ISO/IEC JTC 1/SC 6 meeting, IEEE 802.11 and Chinese delegation both showed openness about possible cooperation between IEEE 802 and EUHT. Does the opportunity for cooperation exist?**

*a) IEEE 802.11 is certainly interested in further discussions to learn more about EUHT. We know that 802.11 uses a listen before talk CSMA/CA approach while EUHT utilizes a TDMA approach that was designed to achieve higher spectrum efficiency.*

*b) IEEE 802.11 has explored and implemented a number of time-division techniques although none are widely used. Exploring methods to allow successful coexistence of CSMA/CA and TDMA represents a significant challenge. New techniques to solve previous problems and enable new markets would be of great interest.*

*c) 802.11 is open to learning more about EUHT and determining if it can be integrated into the 802.11 family of standards. It might be determined that EUHT is too different from 802.11 and would be better positioned as a new 802 standard.*

*I can assist you in finding the best home for EUHT within IEEE.*

*d) 802.11 is currently composed of 300 voting engineers who will have numerous questions about the technical content, completeness, compatibility, etc of EUHT. I can introduce this topic to them during the next meeting which be held during the week of January 20 in Jacksonville, Florida*

*e) Undoubtedly further discussion will be required so I would like to begin exploring methods by which the dialog can continue. There are a few options:*

*1. The most productive venue for a discussion would be at an 802.11 meeting when the majority of our membership is present. 802.11 holds meetings every two months and we would greatly appreciate members of Nufront discussing this topic during one of those meetings. The next meeting will be held during the week of January 20 in Jacksonville, Florida. A complete set of schedules and locations can be found at* [*http://www.ieee802.org/11/Meetings/Meeting\_Plan.html*](http://www.ieee802.org/11/Meetings/Meeting_Plan.html)

*2. Although far less effective, some portion of the 802.11 membership may be able to travel to Beijing for a joint meeting and present questions raised by the 802.11 membership at the January 2012 802.11 meeting. Such a meeting in Beijing the week before the ISO/SC6 meeting in Guangzhou might be considered.*

*In summary, I am very pleased that Nufront has offered to openly discuss with 802.11 the standardization and enhancement of EUHT. I will do whatever I can to help facilitate both the procedural and technical discussions on this topic between both organizations.*

**IEEE 802.11工作组确认收到了来自新岸线公司关于EUHT相关信息和中国行业推荐标准的咨询函，并对此向新岸线公司表示感谢。在咨询函中，新岸线公司提出了以下问题，802.11 工作组主席对此一一做出了回答，具体回复如下：**

**1. IEEE 802.11对中国制定EUHT通信行业标准的看法和态度？**

*对于这一问题，我个人的理解是，新岸线公司制定了一项得到中国政府认可的新的无线局域网规范，并希望在整个无线局域网产业内广泛推进该规范。目前，我还无法确定802.11工作组中多数成员的意见。*

**2. 在今年6月的ISO/IEC JTC1/SC6会议上，IEEE 802.11和中国代表团都对IEEE 802与EUHT之间的合作表达了开放的态度，IEEE 802.11与EUHT是否存在合作的可能性？**

*a)能够肯定的是，IEEE 802.11工作组非常有兴趣展开进一步的讨论，更多地了解EUHT。我们知道802.11使用先听后说的CSMA/CA制式，而EUHT则采用了TDMA制式，旨在实现更高的频谱效率。*

*b)IEEE 802.11曾经探究和实施一些分时技术， 但是这些技术未能被广泛运用。探索使CSMA/CA和TDMA成功并存的方法是一个巨大的挑战。利用新技术解决以前的问题，并开启新的市场，对此我们都有着浓厚的兴趣。*

*c) 802.11本着开放的态度更多地学习了解EUHT，并确定是否能将其自身与802.11标准系列融合在一起。或许可以确定，EUHT与802.11标准截然不同，最好将其定位为新的802标准组成部分。*

*我可以协助你在IEEE中找到EUHT的最佳位置。.*

*d) 802.11目前的投票群体由300位工程师组成，他们对EUHT的技术内容、完整性和兼容性等有许多问题。我可以在下次佛罗里达州杰克逊维尔市1月20日那一周召开的会议上引入这一话题。*

*e) 毫无疑问，我们双方需要展开进一步的讨论，因此我想开始探索使该对话可以继续的方法，具体选项如下：*

*1. 最有成效的讨论场所非802.11会议莫属，届时，大部分会员将出席。802.11每 两个月举办一次会议，如果新岸线公司的成员可以在任何一次的这类会议上讨论相关话题，我们将不甚感激。下一次会议将于1月20日那一周在佛罗里达州的杰克逊维尔召开。会议的完整日程及地点请参*[*http://www.ieee802.org/11/Meetings/Meeting\_Plan.html*](http://www.ieee802.org/11/Meetings/Meeting_Plan.html)

*2. 尽管不及选项1有效，但是也可作为备选。802.11的部分会员可能能够前往北京出席联合会议，介绍2012年1月802.11会议上会员提出的各个问题。可行的时间段是在广州的ISO/SC6会议举办的前一周。*

*总的来说，我很高兴新岸线可以与802.11工作组就EUHT的标准化和进一步加强展开开放性的讨论。我会尽我所能来促进两个组织间有关这一话题的程序性和技术性讨论。*