IEEE P802.11
Wireless LANs

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| LRLP TIG Teleconference Minutes, December 2015 |
| Date: 2016-01-18 |
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Abstract

This document contains minutes of two teleconferences held in December 2015.

# Use Case: Teleconference 1 – Dec 8

Tim Godfrey (EPRI)

Michael Fischer (NXP)

Chitto Ghosh (Intel)

Kaushik Josiam (Samsung)

Lief Wilhelmsson (Ericsson)

Shahrnaz Azizi (Intel)

Meeting called to order at 10:10 CST by Tim Godfrey

The IEEE Pre Par patent policy at <https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf> was presented to the attendees.

Chitto Ghosh, Ad-hoc lead, presented document 11-15-1446r1, which contained additions based on LRLP contributions to date, and provided additional references.

Upon discussion it was decided that top-level bullets would be provided with additional explanatory text.

Bottom-level bullets that are simple enumerations would not require additional text explanations.

Details of the origins of the use cases, metrics, and requirements are provided in the references, which have been expanded.

Discussion on fast association, conclusion that LRLP will need a more streamlined process.

The need for a persistent security association was discussed. It is a desirable component of the LRLP amendment.

Chitto will upload r2 to address some of the points for discussion.

Adjouned at 11:05 CST.

# Technical Topics : Teleconference 2 – Dec 9

Tim Godfrey (EPRI)

Chitto Ghosh (Intel)

Michael Fischer (NXP)

Lei Wang (Marvell)

Lief Wilhelmsson (Ericsson)

Osama Aboul-Magd (Huawei Technologies)

Paul Nikolich

Meeting called to order at 10:00 CST by Tim Godfrey

The IEEE Pre Par patent policy at <https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf> was presented to the attendees.

Michael Fischer reviews the 11-15-1446r2 on the topics of technical feasibility

Added reference 9

Osama requests candidate technology to achieve range. Discussion on what is appropriate for a TIG. This is not the venue for proposals.

Change subheading - "Subjects for Technical Feasibility Demonstration"

Feasibility is coupled to requirements - derived from requirements, we couple to contributions that discuss approaches.

Additional links to source references were added.

Discussion on LRLP trigger frame as a means of implementing a medium occupancy limit for LRLP STAs - this is different than the legacy MOL. Unlike legacy, this is enforceable, and will help with interoperability and coexistence.

Addressing coexistence requires understanding the mechanisms for the details of the LRLP operational protocol. Proposing a MAC protocol is not appropriate for this phase of work in a TIG.

Consider a strawman protocol - capturing parameters that are relevant. MOL, duty cycle, etc.

Alternately, protocol mechanisms or facilities could be defined that enable the needed coexistence behavior

General notes on the output document

There is a need to clean up document to prevent duplication of topic in several places.

Narrow band is introduced under requirements, and repeated under long range in two places.

Need a cleanup - keep as same document but remove redundancy. Michael and Chitto will do that.

11-15-1446r3 will be uploaded with the output and changes done on this teleconference.

Michael will also add a mechanism about persistent association.

Chitto will upload revisions from yesterday's teleconference 11-15-1446r4.

11-15-1446r5 (and subsequent) will contain further clean-up by Michael and Chitto, which will be uploaded prior to the Atlanta meeting in January. Michael and Chitto will work together and coordinate offline.