**Minutes for PM1 on Monday, May 16, 2016**

The Chair appointed Chittabrata to be the Secretary for the LRLP TIG sessions;

The Chair presented the agenda for the week and it was approved with unanimous consent

The Chair reviewed the meeting minutes from the March meeting minutes and approved with unanimous consent

2 contributions on the server and Chair proposed them to be presented in PM 1 of Tuesday, 17th May, 2016

**IEEE document 802.11-16/0519r2: Tim Godfrey**

Comment on discussing with the group to focus on a specific direction of either low power or longer range; the presenter proposed to define key differentiators of LRLP that could give a strong feeling of the group;

SP: Should the LRLP output document focus on low power aspect over the longer range aspects?

Q: What markets open up with longer range (X dB link budget) aspect?

A: Covered in the output document on link budget discussions

Y: 25 A: 16 N: 5

Summary: The group wants to focus more on the low power aspect over the longer range aspect

**Discussion: LRLP Positioning w.r.t. 11ax**

Q: Joint meeting between 11ax and LRLP to plan about the next steps to LRLP

A: Change the discussion on this topic to PM 1 of Tuesday

Q: Resource planning to be defined to answer the question on LRLP positioning

The group adjourned;

**PM 1 on 17th May, 2016**

678r0 – Huawei

683r1 – ZTE

Q: What would be the PPDU format to achieve the mid-long range?

A: May be 11ax PPDU format be feasible, but needs further study

In WNG, strong support for the WUR; the Chair suggested to run a SP on the following:

1. **LRLP should proceed to define lower power operation according to the use cases defined in the output document**: 8
2. **WUR is sufficient for 802.11 low power, and additional mechanism being considered with LRLP are not required**: 20

Q: Study group formation for WUR is a separate topic and not sure of its discussion in this group

A: Due to resource constraints and with strong support for WUR, the question on SP was to understand from the group about formation of a third Study Group on LRLP.

There were discussion with expression of concern on resources given that 2 amendments are running in parallel and WUR is going to be the third SG to be formed;

Comment: Wi-Fi APs supporting IoT sensors with bursty traffic would probably the differentiator of LRLP over WUR that supports low power operation of periodic traffic.

There is interest in the topic of low power; however, given the scenario of having multiple amendments running in parallel, it may not be viable based on resources to start another Study Group at this time.

Question was called:

**Should the membership pursue development of low power operation beyond WUR at this time?**

Y: 1 N: 42 A: 32