**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) |
| Title | Objectives Checklist Table |
| Date Submitted | 13-May-2021 |
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| Re: | Meeting minutes |
| Abstract | Rough cut a table to provide a means to map project objectives to technical contributions  |
| Purpose | Support call for contributions and content development |
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Objectives Checklist:

Each proposal should identify which of the project objectives stated in the PAR are addressed by the proposal. The left column summarizes the objectives. For each objective which is addressed by the proposal, indicate in the right column how it is addressed in the proposal.

It is not expected that all proposals will address all objectives.

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| PAR Objective | Proposed Solution (how addressed) |
| Safeguards so that the high throughput data use cases will not cause significant disruption to low duty-cycle ranging use cases. |  |
| Interference mitigation techniques to support higher density and higher traffic use cases |  |
| Other coexistence improvement |  |
| Backward compatibility with enhanced ranging capable devices (ERDEVs). |  |
| Improved link budget and/or reduced air-time |  |
| Additional channels and operating frequencies |  |
| Improvements to accuracy / precision / reliability and interoperability for high-integrity ranging; s |  |
| Reduce complexity and power consumption;  |  |
| Hybrid operation with narrowband signaling to assist UWB;  |  |
| Enhanced native discovery and connection setup mechanisms; |  |
| Sensing capabilities to support presence detection and environment mapping; |  |
| Low-power low-latency streaming  |  |
| higher data-rate streaming allowing at least 50 Mbit/s of throughput.  |  |
| Support for peer-to-peer, peer-to-multi-peer, and station-to-infrastructure protocols; |  |
| Infrastructure synchronization mechanisms.  |  |