**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Text proposal for an NAV Setting Mechanism for RTS/CTS Handshaking** | |
| Date Submitted | November 2015 | |
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| Re: | P802.15.8 D0.16.0 | |
| Abstract | Text proposal for NAV setting mechanism in RTS/CTS handshaking | |
| Purpose | Approval | |
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***Note to Editor: Black texts represent the existing text in P802.15.8 PAC draft, and the proposed text changes are in blue.***

**3. Definitions**

**3.1 Definitions**

**3.2 Acronyms and abbreviations**

MSB most significant bit

NF noise figure

NAV network allocation vector

OFDM orthogonal frequency division multiplexing

OFDMA orthogonal frequency division multiple access

**5. MAC protocol**

**5.1 MAC functional description**

**5.2 MPDU formats**

**5.3 Synchronization procedure**

**5.4 Discovery**

**5.5 Peering**

**5.6 Communication period**

**5.6.1 CAP (Contention Access Period)**

**5.6.1.1 CS mechanism**

**5.6.1.2 MAC-level acknowledgement**

**5.6.1.3 IFS for CAP**

**5.6.1.4 Basic access**

**5.6.1.5 Backoff procedure for *p*-EIED**

**5.6.1.6 Access with RTS/CTS**

PDs receiving a valid frame shall update their NAV with the information received in the Duration field, as described in [TBD], for all frames where the new NAV value is greater than the current NAV value. If the new NAV value is not greater than the current NAV value, PDs shall not update their NAV. Figure XXX indicates the NAV in the Duration field of RTS, CTS, and ACK frame.



**Figure XXX—NAV setting mechanism**

**5.7.2 CFP (Contention Free Period)**

***End of the proposed text.***