PAR Discussion
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PAR Discussion

5.2.b Scope of the project: This project specifies extensions to IEEE Std 1722 to add support for ITU-T (Telecommunication Standardization Sector of ITU) Recommendation H.265 v7 (11/2019) - High efficiency video coding and AOMedia Video 1 video compression format (AV1), and a new audio format that supports temporal redundancy. This project improves the Clock Reference Stream (CRS) format, enlarges the Audio/ Video Transport Protocol (AVTP) sequence number, improves the CAN (Controller Area Network) and LIN (Local Interconnect Network) formats, improves support for tracking grandmaster changes, supports longer presentation time intervals, clarifies clock stability indicators, and provides guidance on how to handle out-of-order arrival of AVTP Protocol Data Unit (PDUs).

Not specifically listed? that we did:
1) Bug fixes
2) ACF_GISF
3) ACF_BYTE_BUS & ACF_BYTE_BUS_BRIEF
4) ACF_I2C & ACF_I2C_BRIEF
5) ACF_CAN_XL & ACF_CAN_XL_BRIEF
6) ACF_CHECKSUM & ACF_CRC
7) Use Case Annexes (I2C & SPI)

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5.2.b Scope of the project: This standard specifies extensions to IEEE Std 1722 to add support for ITU-T (Telecommunication Standardization Sector of ITU) Recommendation H.265 v7 (11/2019) - High efficiency video coding and AOMedia Video 1 video compression format (AV1), support for various image sensors using Generic Image Sensors Format (GISF), and AVTP Control Format (ACF) for additional data types including supporting I2C, SPI, CAN_XL and others. This standard improves the Clock Reference **Format (CRF)** format, enlarges the Audio/ Video Transport Protocol (AVTP) sequence number, improves the CAN (Controller Area Network) and LIN (Local Interconnect Network) formats, improves support for tracking grandmaster changes, supports longer presentation time intervals. Use case specific annexes are added to support ACF types where needed. This project also fixes various bugs found in the previous revision of the standard.