802.1ASdr Editor's Update

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IEEE 802.1 Maintenance

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Introduction

- The Scope of 802.1ASdr as stated in the PAR is as follows

  5.2.b Scope of the project: This amendment changes the non-inclusive, insensitive, and deprecated terminology including those identified by IEEE P1588g and IEEE editorial staff, replacing them with their suitable terminology wherever possible.

- The PAR states the dependence on IEEE P1588g

  5.3 Is the completion of this standard contingent upon the completion of another standard? Yes

  Explanation: The amendment depends upon the alternative terminology selected by IEEE P1588g. The Project Authorization Request (PAR) is submitted prior to the completion of IEEE P1588g to expedite changes and industry alignment on inclusive terminology.

Non-inclusive terms in IEEE 802.1AS

Master is used 1169 times in the document

- Master
- Grandmaster
- ClockMasterSyncSend
- ClockMasterSyncReceive
- ClockMasterSyncOffset
- ClockMasterReceive
- ClockMaster
- MasterPort
- masterTime
- clockMasterLogSyncInterval
- updateMasterTime
- masterPriorityVector

- RepeatedMasterInfo
- SUPERIOR_MASTER_PORT
- masterPriority
- masterStepsRemoved
- SuperiorMasterInfo
- InferiorMasterInfo
- INFERIOR_MASTER_OR_OTHER_PORT_UPDATE
- grandmasterIdentity
- grandmasterClockQuality
- grandmasterPriority1
- grandmasterPriority2
- alternateMasterFlag

- rcvdMDSyncDot11MasterA
- initReqParamsDot11MasterB
- ftmReqGrantedMaster
- offsetFromMaster
- AcceptableMaster
- AcceptableMasterTable
- AcceptableMasterTableDS
- AcceptableMasterTableEnabled
- AcceptableMasterPort
- AcceptableMasterPortDS
- AcceptableMasterArray
- ftmReqGrantedMaster

Non-inclusive terms in IEEE 802.1AS

Slave is used 338 times in the document

- Slave
- ClockSlaveSync
- ClockSlaveTime
- ClockSlave
- slaveTimeCallback
- slaveTimeCallbackPhase
- SlavePort
- rcvdClockSlaveTime

- updateSlaveTime
- dot11SlaveMac
- slaveMacOfLastRequest
- initReqParamsDot11Slave
- ftmReqGrantedSlave
- setMDSyncParamsDot11Slave
- setMDSyncReceiveDot11Slave
- slaveOnlyClock

P1588g update

- Leader-Follower was selected as an alternative nomenclature for Master-Slave in the straw poll run-off, and it will be used as a basis for the draft amendment.
- On the IEEE 1588 Maintenance meeting on June 24, some points were raised
  - There was a discussion regarding objections made to P1588g not including alternative to "Grandmaster" in the scope of the project.
    - The current decision is to keep the agreement and not have an alternative nomenclature for "Grandmaster"
  - Some participants expressed some concerns about the word "leader"
    - This may delay P1588g if they decide to vote "No" at the WG/SA ballot

IEEE 802.1ASdr next steps - 1

- P1588g chose to not change "Grandmaster", should 802.1ASdr follow P1588g and also keep "Grandmaster"?
- Two approaches can be taken to address the terminology in IEEE 802.1ASdr
  - Approach #1: Replace Master/Slave in every place in the standard, including figures and state machines
  - Approach #2: Create a table with editor instructions, as an example

Pages	Change from current nomenclature	To new nomenclature
2, 10	master	leader
10,11	Master	Leader
2	Grandmaster	Grandleader
10	acceptableMasterTableDS	acceptableLeaderTableDS

  - Figure changes will be provided by the editor

IEEE 802.1ASdr next steps - 2

- Approach #1: Replace Master/Slave in every place in the standard, including figures and state machines
  - Pros: Easy for the reader and replaces offensive words throughout the standard (even though offensive words will still appear, but with strikethroughs)
  - Cons: More work for the editor
- Approach #2: Create a table with editor instructions
  - Pros: Less work for the editor
  - Cons: It may still be offensive for some readers, as the offensive words will still be part of the standard.
- Is it possible to choose Approach #2 and ask IEEE editors to replace the words throughout the standard and publish a new document?
  - This seems to be pure editorial, but it may not be possible due to IEEE rules