IEEE 1722.1 Corrigendum

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6.5.2.3 Advertise Interface State Machine

- Advertising Entity State Machine and Advertising Interface State Machine both update the available_index.

  - Only the Advertising Entity State Machine should be doing it

  - Remove the entityInfo.available_index += 1 in the WAITING state

- doAdvertise needs to be set to false in both INITIALIZE and ADVERTISE

- remove setting of rcvdDiscover = FALSE in WAITING

7.2.15 INTERNAL_PORT_* Descriptors

- Table 7.26 (the INTERNAL_PORT_INPUT and INTERNAL_PORT_OUTPUT Descriptor) has incorrect description for **block_latency** field

  - EXTERNAL_PORT_* should be INTERNAL_PORT_*

7.2.17.1 Video Cluster

- Need to update to changes in IEEE P1722a subtype and format definitions

7.3.2.1 Stream Formats

- Need to update to changes in IEEE P1722a subtype definitions

7.4.42 GET_COUNTERS

- 7.4.42.1 and 7.4.42.2

  - "**descriptor_type** is set to either ENTITY, AVB_INTERFACE, CLOCK_SOURCE or STREAM_INPUT."

    - This is incorrect as there are no counters defined for CLOCK_SOURCE, CLOCK_SOURCE should be CLOCK_DOMAIN

  - "**descriptor_type** is set to either ENTITY, AVB_INTERFACE, CLOCK_DOMAIN or STREAM_INPUT."

7.4.27 & 7.4.28 INCREMENT/DECREMENT

- For CONTROL_SELECTOR_* types the number_of_values is actually the number of options. Two possible fixes:

  - Change INCREMENT_CONTROL and DECREMENT_CONTROL command text to specify that index_count is number_of_values field value for CONTROL_LINEAR_* and CONTROL_ARRAY_* or it is 1 for all other types

  - Deprecate CONTROL_SELECTOR_* type and replace with CONTROL_NEW_SELECTOR_* types which include a number_of_options field and then specify number_of_values correctly

D Memory Object Uploads

- Memory Object Upload Protocol needs to be broken into segments for devices which can't fit whole image into RAM

  - MEMORY_OBJECT descriptor will have another field maximum_segment_length

  - UPLOAD operation will have 2 values, the length being written and the segment size being used

  - Annex D state machines will be tweaked to work in segments while attempting to maintain compatibility with a single segment download working in the same way as it does now

6.2, 7.4, 8.2 and 9.2 PDU Diagrams

- Need to replace all of the PDU diagrams with diagrams which include the full PDU format. To match what we have done in 1722a

    - This could be pushed to the new work since we do reference 1722-2011 which still has the old formats, but this would make the 1722.1 document more concise

Your Issues Here

- Do you have any more issues?

- Please email them to Ashley and Jeff or the mailing list and I will add them