**NIST Big Data Public Working Group (NBD-PWG)**

**NBD-PWD-2016/M0581**

**Source: NBD-PWG**

**Status: Draft**

**Title: Web chat from Meeting of Nov. 22, 2016**

**Chat Log D:\\_wo\1DMG\2015\\_BigDataWG\Docs\ChatLog 2016\_11\_22 14\_47.rtf**

**Russ Reinsch (to Everyone)**: 1:00 PM: Just the trio I have a question for:

**Russ Reinsch (to Everyone)**: 1:00 PM: How are we / what are we thinking about the...

**Russ Reinsch (to Everyone)**: 1:01 PM: merging of the different standards tables that we have going in Vol 4 and Vol 7...

**Russ Reinsch (to Everyone)**: 1:01 PM: Or comparing them or reconciling them someway

**Russ Reinsch (to Everyone)**: 1:04 PM: @Dave - I am coming

**Tim Zimmerlin (to Everyone)**: 1:07 PM: Dave, I have registered for workshop on 28th.

**Mark Underwood (to Everyone)**: 1:24 PM: Ack'd Tim,

**Mark Underwood (to Everyone)**: 1:26 PM: I have to alternate w/ another call - will try to keep up

**Tim Zimmerlin (to Everyone)**: 1:26 PM: Per Frank's comments, the absence of a copyright does not equate to "no copyright".

**Tim Zimmerlin (to Everyone)**: 1:27 PM: ...Creative Commons threads this IP legal landscape.

**Mark Underwood (to Everyone)**: 1:30 PM: Tim, you're also favorably inclined about IEEE, yes? I thinking of P1915.1 P2675 and P7000 where I'm sticking my head into from time to time

**Tim Zimmerlin (to Everyone)**: 1:30 PM: yes

**Tim Zimmerlin (to Everyone)**: 1:31 PM: Mark, the IEEE standards processes are world class.

**Tim Zimmerlin (to Everyone)**: 1:32 PM: ...some IEEE standards representatives are not to be trusted, though.

**Mark Underwood (to Everyone)**: 1:32 PM: They are definitely good at handing out homework

**Tim Zimmerlin (to Everyone)**: 1:32 PM: ...historically I participated in Computer Graphics and Posix standards.

**Mark Underwood (to Everyone)**: 1:33 PM: Good to know

**Tim Zimmerlin (to Everyone)**: 1:37 PM: Mark, as an afterthought, IETF is doing good actionable SnP standards.

**Frank Farance (to Everyone)**: 1:37 PM: https://www.nist.gov/itl/iad/image-group/ansinist-itl-and-canvass-method

**Russ Reinsch (to Organizer(s) Only)**: 1:44 PM: Notes: SC27 has a tight scope.

**Russ Reinsch (to Organizer(s) Only)**: 1:52 PM: Provide links to standards types in 7. To reduce the range / scope of the doc.

**Russ Reinsch (to Organizer(s) Only)**: 1:58 PM: Get links / citations from Frank.

**Mark Underwood (to Everyone)**: 2:04 PM: Tim's remark applies to this table as well; NIST docs have value too

**Russ Reinsch (to Organizer(s) Only)**: 2:05 PM: Have sub group charters.

**Russ Reinsch (to Organizer(s) Only)**: 2:06 PM: Description of the appendix r12ps

**Russ Reinsch (to Organizer(s) Only)**: 2:08 PM: ISO standard on the types of standards [frank]

**Russ Reinsch (to Organizer(s) Only)**: 2:12 PM: Index into the description.

**Russ Reinsch (to Organizer(s) Only)**: 2:12 PM: Disjointed experience with the tables split up

**Russ Reinsch (to Organizer(s) Only)**: 2:20 PM: Hints as to how to use this doc,

**Russ Reinsch (to Organizer(s) Only)**: 2:23 PM: end at section 4. push section 5 to the modernization.

**Bob Marcus (to Everyone)**: 2:27 PM: There will be a meeting of the Industrial Internet Consortium and the NIST CPS Working Group in March. Some of the discussion topics are Data Interoperability Standards and Analytics for IoT.

**Bob Marcus (to Everyone)**: 2:28 PM: The meeting will be in Reston and should be of interest to those interested in the application of Big Data for Internet of Things

**Mark Underwood (to Everyone)**: 2:28 PM: Bob - same week as our own meeting?

**Bob Marcus (to Everyone)**: 2:29 PM: It is some time during the week of March-March 24 (TBD).

**Bob Marcus (to Everyone)**: 2:30 PM: March 20-24

**Bob Marcus (to Everyone)**: 2:33 PM: The IIC has collaboration agreements with Germany's Industrie 4.0 and the Chinese government. The March meeting could be very important. In IoT there is a need for standards and there are no single dominating vendor or open source implementation

**Tim Zimmerlin (to Everyone)**: 2:34 PM: Bob, I tentatively plan to attend Reston meeting.

**Alicia Zuniga-Alvarado (to Everyone)**: 2:35 PM: Please,send the info so we can attent next week meeting too, thx

**Tim Zimmerlin (to Everyone)**: 2:36 PM: Bob, IoT is a big use case for content centric networking / routing.

**Tim Zimmerlin (to Everyone)**: 2:37 PM: Bob, emerging 5G standards are the secret networking sauce for IoT.

**Russ Reinsch (to Organizer(s) Only)**: 2:38 PM: IoT: no dominant vendors or implementations. Too big a field.

**Tim Zimmerlin (to Everyone)**: 2:39 PM: Bob, AT&T and Orange plan to dominate IoT with SIMs, SS7, telco layer 2.

**Bob Marcus (to Everyone)**: 2:39 PM: http://www.omg.org/news/schedule/upcoming.htm

**Bob Marcus (to Everyone)**: 2:40 PM: OMG Calendar including Reston in March

**Tim Zimmerlin (to Everyone)**: 2:40 PM: ...AT&T and AWS have a partnership for endpoint, edge computing, to global hypercloud.

**Tim Zimmerlin (to Everyone)**: 2:40 PM: ...independently, Cisco supports LoRa.

**Bob Marcus (to Everyone)**: 2:42 PM: AT&T and AWS do not have a dominant position. Cisco, Intel, IBM, GE, Microsoft, etc. are all vendor competitors

**Tim Zimmerlin (to Everyone)**: 2:44 PM: Bob, AT&T currently operates in 200 countries. And, AWS has many regions, availability zones, and data centers globally.

**Tim Zimmerlin (to Everyone)**: 2:45 PM: ...GE is doing interesting work, but it is alone and focused on a few vertical domains like aircraft, pipelines with storage tanks.

**Tim Zimmerlin (to Everyone)**: 2:46 PM: ....Cisco has FOG emerging standards.

**Alicia Zuniga-Alvarado (to Everyone)**: 2:47 PM: David1.martin@orange.com, may I get the info to attend next week please, thx