**IEEE 2888.4 Task Group**

**Meeting Minutes October 18th ~ October 22nd, 2021**

* Session #8 2888.4 TG Meeting, **Millennium Hilton Hotel SEOUL & Online**

Chair: Jeonghwoan Choi

Editor & Secretary: HyeonWoo Nam

## Day2 PM1 (1:30pm-3:00am), October 19, 2021: Millennium Hilton Hotel SEOUL & Online

## Session called to order by Jeonghwoan Choi

## Present & discuss the document ‘Definitions, Acronyms, and Abbreviations for IEEE P2888.4’

#### HyeonWoo Nam presented “Definitions, Acronyms, and Abbreviations for IEEE P2888.4” (DCN 2888-21-0073-01-0004)

#### Discussed the need to define a term definition in a long sentence format by dividing it into simple terms.

#### Discussed revising the IEEE terminology writing manual for terms in their current state.

## Motion #1: Approve the ‘DCN 2888-21-0073-01-0004-Definitions, Acronyms, and Abbreviations for IEEE P2888.4’

## Motioned by: Changseok Yoon

## Seconded by: Yegi Lee

#### Motion Vote:

For Agree: 10

Against: 00

Abstention: 00

Outcome: Approved

## Present & discuss the document ‘Large Space VR Disaster Response Training System Architecture for IEEE P2888.4’

#### Jeonghwoan Choi presented “Large Space VR Disaster Response Training System Architecture for IEEE P2888.4” (DCN 2888-21-0072-01-0004)

#### Discussed collective lowercase notation of the sensor's terminology in architectural figures.

#### Discussed combining <wind machine> and <fan heater> among the actuators in the architectural figure and modifying <etc...> to <etc machine>.

#### Discussed what to add about the architecture's content being too simple.

#### Discussed rewriting the request content because the content of the request seems to be in the form of a request.

#### Discussed the overall structural change of the disaster response training system architecture.

#### Decided to discuss this contribution further in today's PM2 session.

## Present & discuss the document ‘Large Space VR Disaster Response Training System Framework’

#### Jeonghwoan Choi presented “Large Space VR Disaster Response Training System Framework” (DCN 2888-21-0085-00-0004)

#### Discussed that it is difficult to identify the difference between architecture and framework, so we need to reconstruct it.

#### Discussed changing the name to a suitable name for the role of the contents client of the Disaster VR Content box shown in the structural diagram of the framework.

#### Discussed the need to rewrite the terms of the components shown in the structural diagram of the framework into terms suitable for the actual role.

#### Discussed that among the terms of the components shown in the structural diagram of the framework, game engine and content observer need to be renamed in forms such as rendering engine and content monitoring manager to suit their roles.

#### Discussed that the terms of the components shown in the structural diagram of the framework should be changed to terms such as command data encoder, action data encoder, command data encoder, and action data encoder.

#### Discussed the opinion that the terminology of the components shown in the structural diagram of the framework should be corrected to sensor.

## Motion #2: Approve the ‘DCN 2888-21-0085-00-0004-Large Space VR Disaster Response Training System Framework’

## Motioned by: Changseok Yoon

## Seconded by: Yegi Lee

#### Motion Vote:

For Agree: 10

Against: 00

Abstention: 00

Outcome: Approved

## Day2 PM2 (3:30pm-5:00pm), October 19, 2021: Millennium Hilton Hotel SEOUL & Online

## Session called to order by Jeonghwoan Choi

## Present & discuss the document ‘Large Space VR Disaster Response Training System Architecture for IEEE P2888.4’

#### Jeonghwoan Choi presented “Large Space VR Disaster Response Training System Architecture for IEEE P2888.4” (DCN 2888-21-0072-01-0004)

#### Discussed constructing the overall structural change of the system architecture into a layered structure based on the standard contents of .1 and .2.

#### Discussed making the system architecture a four-layer structure with content layer, presentation layer, data handling layer, and physical layer.

#### Discussed and discussed reflecting the layer structure created in the architecture of the standard document.

## Motion #3: Approve the ‘DCN 2888-21-0072-01-0004-Large Space VR Disaster Response Training System Architecture for IEEE P2888.4’

## Motioned by: Changseok Yoon

## Seconded by: Yegi Lee

#### Motion Vote:

For Agree: 10

Against: 00

Abstention: 00

Outcome: Approved

## Day4 PM2 (3:30pm-5:00pm), October 21, 2021: Millennium Hilton Hotel SEOUL & Online

## Present & discuss the document ‘STD-D01-Architecture for Virtual Reality Disaster Response Training System with Six degrees of Freedom (6DoF)’

#### Jeonghwoan Choi presented “STD-D01-Architecture for Virtual Reality Disaster Response Training System with Six degrees of Freedom (6DoF)” (DCN 2888-21-0075-00-0004)

* + - * + Discussed matching the PAR title rather than the term large space in the title of the table of contents.
        + Discussed that after 4.1.2 the corrections should be reflected that the description of each layer of the architecture should be included.
        + Discussed how to merge the contents of Chapter 5 and Chapter 6 into one chapter in the table of contents of the standard document.
        + Discussed again after developing the document until the next meeting, reflecting various opinions on the change of the table of contents.
        + Discussed whether the requirement needs to be added to the appendix or annex in the standard document.

## Motion #4: Approve the ‘DCN 2888-21-0072-01-0004-STD-D01-Architecture for Virtual Reality Disaster Response Training System with Six degrees of Freedom (6DoF)’

## Motioned by: Sangkwon Peter Jeong

## Seconded by: Yegi Lee

#### Motion Vote:

For Agree: 10

Against: 00

Abstention: 00

Outcome: Approved

## Present & discuss the document ‘Session #8 2888.4 Meeting Summary’

#### Jeonghwoan Choi presented “Session #8 2888.4 Meeting Summary” (DCN 2888-21-0076-03-0004)

* + - * + Discussed the presentation of contributions and discussions during this 2888 meeting and the progress of revising standard draft documents.

## Motion #5: Approve the ‘DCN 2888-21-0076-03-0004 2888-21-0076-03-0004-Session #8 2888.4 TG Meeting Summary’

## Motioned by: Sangkwon Peter Jeong

## Seconded by: Yegi Lee

#### Motion Vote:

For Agree: 10

Against: 00

Abstention: 00

Outcome: Approved

## Attendees

|  |  |
| --- | --- |
| Name | Affiliation |
| Kyoungro Yoon | Konkuk University |
| Sang-Kyun Kim | Myoungji University |
| Sangkwon Peter Jeong | JoyFun Inc. |
| GookHwan Lee | JoyFun Inc. |
| HyeonWoo Nam | Dongduk Women’s University |
| Jeonghwoan Choi | SKONEC ENTERTAINMENT CO LTD., |
| Changseok Yoon | Korea Electronics Technology Institute (KETI) |
| Shin Kim | Konkuk University |
| Yegi Lee | Konkuk University |
| Youngmin Kim | Korea Electronics Technology Institute (KETI) |
| Tai Gil Kwon | Korea Electronics Technology Institute (KETI) |
| Kwanghyun Ro | Hansung University |
| Minhyuk Jeong | Myoungji University |
| Mi Suk Lee | ETRI |
| Cheol Ryu | ETRI |
| Tae-Beom Lim | Korea Electronics Technology Institute (KETI) |
| JaeYoung Kim | SKONEC ENTERTAINMENT CO LTD., |
| Wonki Hong | KEA |