I. Call to Order and Introductions
Chair called the meeting to order at 9:00 am. The attendees introduced themselves. Mr. Noriyuki Koybayashi from CEMA joined the meeting via web.

II. Approval of Agenda
Meeting agenda was approved by all associations.

III. Approval of Meeting Minutes (May 3, 2019)
The minutes of the ISC Meeting on May 3, 2019 were approved by all associations.

IV. Finished Business
A. AEM Product Definition Change - Rigid Frame Hauler
This agenda item was finally approved by the three associations related with this product.

B. AEM Underground Haulers & Underground Loaders - New WW Shipment
AEM recalled they would readdress Sandvik in the future to confirm their participation at the last meeting. AEM will revisit this agenda item at the next ISC meeting.

V. Unfinished Business
A. CECE ICEMA Report on Joining the ISC
CECE commented that there hasn’t been updates since last April. CECE will reach out to ICEMA at the exhibition in Bangalore this December. In case a meeting take place, the outcomes will be reported right away. CECE, however, expressed concern that other than the subsidiaries already represented in ISC, Indian domestic manufacturers don’t see a benefit in getting international data. No quick progress is expected and more communications are needed to trigger some momentum on ICEMA side.

B. CECE Crawler Carriers - New WW Program (updated from former proposal)
CECE noted that there hasn’t been an official update made by CECE on this agenda. CECE wants to set up an internal discussion in CECE to see if mapping the Europe’s own crawler carrier market is practical or to see if setting up a worldwide program with harmonized classification of AEM. CEMA commented they were reached out to receive updates on CEMA members’ interest in the program, and it seemed that there are split opinions within CEMA. CECE and CEMA agreed to provide the result of internal discussion among member companies at the next meeting. The relevant discussion along with the result will continue at the next meeting.

Action item #1: CEMA and CECE to discuss this agenda further with their member companies and present the stance at the next meeting.

C. AEM Wheel Loaders Competitive Market Change Proposal
AEM proposed to change the size classes of 21~22 and 23~30 into the class of 21 and 22~30 in the competitive class measurement of Wheel Loaders. They explained the background of this proposal is based on the fundamental difference between the class 21 and 22. CECE expressed concerns if this relabeling work was shared and called for having consistency in relabeling system and asked if there’s a standard procedure, practice and mechanism at ISC level for collapse size classes in case of disclosure. KOCEMA agreed with CECE’s comment in general for the reason that such new class realignment is too hastened and seems unstable. AEM added to mention that in case that this proposal cannot be passed in ISC, North American companies will be put in the position having to rationalize or harmonize the data within their own systems. CECE told that they will introduce this proposal to their member companies at the commission meeting supposed to be held in the following day and report the result to ISC. CEMA and KOCEMA will also discuss this agenda with their member companies and share the result with ISC. The three associations agreed to report their stance back to ISC by the end of December.

Action item #2: CECE, CEMA and KOCEMA to discuss this agenda with their member companies and report the result to ISC back by the end of December.

D. CECE EXHC Size Class Investigation - 6<8, 8<10
AEM confirmed Kubota America will modify their model chart in the class of 6<8 to match the actual specification from the next year. CEMA commented that Kubota Japan will also shift some models in the class of 6<8 to 8<10 at the model chart from the next year.

E. AEM Size Class Change – Rigid Frame Hauler
This agenda was an AEM’s proposal on the upper size class change of Rigid Frame Hauler for ISC to adopt. CECE presented there’s no market in Europe for these sizes and there’s no relevant information on the worldwide model chart. They will discuss it at the commission meeting supposed to be held in the following day and provide discussion result to ISC. CEMA commented they also needs to discuss it with the member companies especially with Komatsu. CECE and CEMA agreed to provide their final stance to ISC by the end of November.

Action item #3: CECE and CEMA discuss this agenda with their member companies and report their stance back to ISC by the end of November.

VI. New Proposal
A. AEM New WW Program Proposals

- Drills (Horizontal Directional Drill)
- Brush Chippers
- Horizontal Grinders
- Track Trenchers
- Whole Tree Chippers

AEM explained five new worldwide programs proposed by Vermeer. The products are Horizontal Directional Drill, Brush Chippers, Horizontal Grinders, Track Trenchers and Whole Tree Chippers.

CECE in general, the three of non-construction equipment products are out of CECE’s scope, while HDDs and Track Trenchers might do. For Drills, some interests within CECE members are expected to be generated because two of German CECE members and few specialized companies have the business of HDDs. Upon Track Trenchers, an Italian manufacturer TESMEC, also a CECE member, to be reached out to initiate communication through the Italian association.

KOCEMA presented HDDs is the only relevant product that KOEMA covers. Three of Korean HDDs manufacturers are interested in this program and could be potential reporters. But they expressed concerns on the measurement of pullback weight which is not familiar with and suggested inches or millimeters of hole range is implemented as the initiative or second classification.

CEMA presented they have engaged in four programs; HDDs, Brush Chippers, Horizontal Grinders, and Whole Tree Chippers, but for Track Trenchers and need time to gather opinions from the manufacturers. They requested some more information such as existing model chart on current AEM's level which helps CEMA to easily explain it to the members.

AEM volunteered to a conduit between three associations and Vermeer to facilitate the communication for potential reporter list, classification, model chart and product definition of each product. The information with documents will be circulated by AEM.

CECE, CEMA and KOCEMA are required to introduce the programs and discuss further with their member companies. It was agreed that three associations report back their stance of the new programs back by January 1, 2020.

Action item #4: AEM to circulate further information on the newly proposed program. CECE, CEMA and KOCEMA discuss the programs with their member companies and report back their stance by January 1, 2020.

B. AEM Crawler Tractors - Size Class Change

AEM explained that this agenda was proposed by Caterpillar. They mentioned this proposal includes back-reporting since 2013 and the size class changes are applied to throughout entire classes to maintain non-disclosure. CECE raised concerns over if this size class changes are stable enough not to revisit due to harmonization with other regions or legislation. CEMA commented that Komatsu who is the only reporter in CEMA doesn't agree with this proposal and needs more information on the background. AEM will provide more details on the proposal to ISC soon. This agenda will be revisited at the next meeting.

C. CECE CEE3 Reporting Inconsistencies

CECE explained the background of this proposal that the reporters of CEE2, single drum rollers with a smooth drum and and CEE3, single drum rollers with a pad foot drum, really do not distinguish two product or report correctly. CECE stressed that in terms of product management and development, there’s a big value to have separate programs. The reporters of these product are Ammann, Volvo, and Atlas from CECE, Liugong and Sany from AEM, and SAKAI from CEMA. It is agreed that the three associations survey reporting status of each member companies and report the result at the next meeting.
**Action item #5:** AEM, CEMA and CECEE to survey the reporting status for CEE2 and CEE3 of each member companies and present the result at the next meeting.

**D. ISC Policy and Procedures Manual Changes**

- **a. Appendix 2 - Proposal Form Change**
The new proposal of Proposal Form Change for Appendix 2 of the ISC Policy and Procedure Manual was approved unanimously. After KOCEMA’s suggestion to insert a field for new product’s name is reflected, the updated ISC PPM will be distributed to ISC.

**VII. Other Business**

**A. ISC Worldwide Market Data Program Data Usage Considerations**
AEM explained the background of this proposal that there has been a lot of pressure from AEM members to improve the level of the data quality in the statistics programs. Accordingly, AEM came up with a data usage considerations document to be adopted by all the associations. CECE agreed with AEM’s standpoint and urged that ISC should make itself clear that this is mandate from ISC for data processors to adopt. KOCEMA proposed the document to be included as the Appendix 5 of the ISC PPM and the last paragraph on the page 3 of the document to be inserted in the table of contents of the PPM. AEM and CECE agreed with it and CEMA commented they will discuss it with its member companies and report their stance back to ISC by the end of November. The revised document entitled ISC Worldwide Market Data Program; Data Usage Considerations will be circulated by AEM and the updated ISC PPM will be distributed by KOCEMA after confirmation of CEMA’s pros and cons for the change.

**Action item #6:** CEMA to discuss the issue of PPM change with the member companies and report the result back by the end of November.

**B. Monthly Report of New Models for all ISC products**
Upon CECE’s request to install a monthly report with push service notifying new model’s information in iSTAT, HAI delivered a presentation entitled New Product Specialist Tools. The new system provides details on model change summary for all the dimensions to see if new models were added and changes made to existing models in a given period. The information can be downloaded with a document in iSTAT. HAI encouraged association members to provide feedbacks in case of need for reassessment or modification.

**VIII. News from ISC Associations**
AEM explained they along with the HAI received an approval to check into the OEMs need to report back if there are audits request that arise out of where a piece of equipment is first being used to being asked to do a check via telematics on where that location is. Accordingly, AEM made a change to the audit form indicating the telematics check but haven’t promulgated yet due to the question: what constitutes for substantial use. AEM statistics executive committee meeting is now balloting on an approval for two definition changes; first substantial use and substantial use location within AEM’s policy procedure manual. CECE raised a concern over that kind of audits process can get both sides on the companies who file the audits and who have reported according to their best knowledge to be frustrated.

CECE presented that there’s been increasing pressure with regard to the dedicated European model chart. CECE might have to introduce the European model charts for EU retail programs in 2020. They explained it is due to growing requirements of data non-disclosure into Europe under European competition law. While so, CECE will check the issue within the executive committee and seek advice on an external legal analysis for the statistics work. When a qualifying updates come out, CECE will share them with ISC.
KOCEMA commented its role of ISC Secretariat will end by the end of this year and CECE will serve it for the following two years.

CEMA asked for understanding that they attend the meeting through web due to the typhoon and the cancellation of their flight.

**IX. Date of Next Meeting**  
CECE explained several venues and timing are under consideration for the next meeting: Brussels, Frankfurt, Munich, Verona where SaMoTer exhibition will be held in late March are options. The meeting schedule and venue will be informed by CECE soon.

**X. Adjournment**  
The meeting adjourned at 1:30p.m.