04 December 2012

IEEE

IEEE-SA Standards Board New Standards Committee (NesCom) Meeting Minutes

Guests:

Dick DeBlasio

Jim Hughes

John Kulick Paul Nikolich

Ron Petersen

Mike Seavev

04 December 2012 9:00 am – 12:00 pm Piscataway, NJ USA

Members Present:

Peter Balma Wael Diab Michael Janezic Young Kyun Kim Oleg Logvinov Raj Madhavan Ted Olsen Jon Rosdahl, Chair Curtis Siller Adrian Stephens Jerry Thrasher Yatin Trivedi Don Wright Yu Yuan

Members Absent:

Thomas Lee

Staff:

Kathryn Bennett Tricia Gerdon Krista Gluchoski Lloyd Green Jodi Haasz Mary Ellen Hanntz Michael Horgan Soo Kim Mike Kipness Bob LaBelle Gregory Marchini Karen McCabe Mary Lynne Nielsen Lisa Perry Walter Pienciak Ana Sainvilus Erin Spiewak Ravi Subramaniam Joan Woolerv Lisa Yacone - Administrator Malia Zaman

1. CALL TO ORDER

Jon Rosdahl, Chair, called the meeting to order at 9:02 a.m. Introductions were made around the room.

[All votes are unanimous, unless otherwise stated.]

2. REVIEW AND APPROVAL OF AGENDA

A motion was made and seconded to approve the agenda [Version #4 at the time of the meeting]. Upon vote, the motion was approved.

2.1 Consent Agenda

2.1.1 Withdrawal Requests

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.69

Standard Specifications for Self-Restoring Current Limiter Components Used in Telecommunication Surge Protectors **Recommendation: Approve PAR withdrawal**

IEEE Power and Energy Society/Switchgear

PC37.20.8

Standard for Metal-Enclosed Low-Voltage (3200V and below) Direct Current Power Circuit Breaker Switchgear for Traction Power Applications **Recommendation: Approve PAR withdrawal**

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.5

Standard for Wireless Access in Vehicular Environments (WAVE) - Communication Manager Recommendation: Approve PAR withdrawal

2.1.2 PARs to be Administratively Withdrawn

The following list of PARs were recommended for Administrative Withdrawal as part of the consent agenda:

P1631 (BTS/RFTech)

Recommended Practice for Measurement of 8-VSB Digital Television Transmission Mask Compliance for the USA (Revision PAR)

P1484.12.4 (C/LT)

Standard for Resource Description Framework (RDF) binding for Learning Object Metadata data model (New PAR)

P1484.12.5 (C/LT)

Standard for Resource Description Framework (RDF) Vocabulary for IEEE Learning Object Metadata (LOM) Data Elements (New PAR)

P1363 (C/MSC)

Standard Specifications for Public Key Cryptography (Revision PAR)

P1596 (C/MSC)

Standard for Scalable Coherent Interface (SCI) (Revision PAR)

P1450.2 (C/TT)

Standard for Extensions to Standard Test Interface Language (STIL) for DC Level Specification (Revision PAR)

P499 (IAS/CI)

Recommended Practices for Cement Plant Electric Drives and Related Electrical Equipment (Revision PAR)

P576 (IAS/PCI)

Recommended Practice for Installation, Termination, and Testing of Insulated Power Cable as Used in Industrial and Commercial Applications (Revision PAR)

P1714 (IAS/PCI)

Recommended Practice for Industrial Uninterruptible Power Supply (UPS) Systems (New PAR)

P387 (PE/NPE)

Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations (Revision PAR)

P1715 (PE/PSIM)

Guide for Power Measurements Under Low Power Factor Conditions (New PAR)

P1375 (PE/SB)

Guide for the Protection of Stationary Battery Systems (Revision PAR)

PC62.23 (PESPDHV)

Application Guide for Surge Protection of Electric Generating Plants (Revision PAR)

PC62.42 (PE/SPDLV)

Guide for the Application of Component Surge-Protective Devices for Use in Low-Voltage [Equal to Or Less Than 1000 V (ac) Or 1200 V (dc)] Circuits (Revision PAR)

P1413.1 (RS/SC)

Guide for Developing and Assessing Reliability Predictions Based on IEEE Standard 1413 (Revision PAR)

P1193 (UFFC/UFFC)

Guide for Measurement of Environmental Sensitivities of Standard Frequency Generators (Revision PAR)

P1477 (VT/RTSC)

Standard for Passenger Information System for Rail Transit Vehicles (Revision PAR)

2.1.3 PAR # Change Request - P1551.001 to P21451-001

Request approved as part of the consent agenda

2.1.4 Addition of Joint Sponsor to P1858

The BOG/CAG requested that COM/SDB be added as a joint sponsor to P1858.

Request approved as part of the consent agenda

3 Approval of Minutes from the 29 August 2012 Meeting

A motion was made, and seconded to approve the 29 August 2012 NesCom minutes. Upon vote, the motion passed.

4 PARS FOR DISCUSSION

4.1 Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.3bj

IEEE Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 100 Gb/s Operation Over Backplanes and Copper Cables **Recommendation: Approve modified PAR**

IEEE Communications Society/Standards Development Board

P1903.1

Standard for Content Delivery Protocols of Next Generation Service Overlay Network (NGSON)

Recommendation: Approve modified PAR

P1903.2

Standard for Service Composition Protocols of Next Generation Service Overlay Network (NGSON)

Recommendation: Approve modified PAR

P1903.3

Standard for Self-Organizing Management Protocols of Next Generation Service Overlay Network (NGSON)

Recommendation: Approve modified PAR

P1907.1

Standard for Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Electric Machinery

P117

Standard Test Procedure for Thermal Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery **Recommendation: Approve modified PAR**

4.2 Extension Requests

IEEE Computer Society/Design Automation

P1735

Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP) **Recommendation: Approve request for an extension until December 2013**

IEEE Computer Society/Microprocessor Standards Committee

P1363.3

Standard for Identity-Based Cryptographic Techniques using Pairings Recommendation: Approve request for an extension until December 2013

IEEE Computer Society/Software & Systems Engineering Standards Committee

P730

Standard for Software Quality Assurance Processes **Recommendation: Approve request for an extension until December 2013**

P1062

Recommended Practice for Software Acquisition **Recommendation: Approve request for an extension until December 2014**

IEEE Computer Society/Simulation Interoperability Stds Organization/Stds Activities Committee

P1278.2

Standard for Distributed Interactive Simulation (DIS) - Communication Services and Profiles

Recommendation: Approve request for an extension until December 2014

IEEE Computer Society/Test Technology

P1149.1

Standard Test Access Port and Boundary Scan Architecture Recommendation: Approve request for an extension until December 2013

P1450.6.2

Standard for Memory Modeling in Core Test Language (CTL) Recommendation: Approve request for an extension until December 2013

P1687

Standard for Access and Control of Instrumentation Embedded within a Semiconductor Device

Recommendation: Approve request for an extension until December 2013

IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee

P11073-10201

Standard for Health informatics - Point-of-care medical device communication - Domain information model

Recommendation: Approve request for an extension until December 2014

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708

Standard for Wearable Cuffless Blood Pressure Measuring Devices **Recommendation: Approve request for an extension until December 2013**

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P299.1

Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all Dimensions Between 0.1 m and 2 m

Recommendation: Approve request for an extension until December 2013

P1642

Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

Recommendation: Approve request for an extension until December 2013

P1688

Standard for Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules

Recommendation: Approve request for an extension until December 2013

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.1

Recommended Practice for Electrical Installations on Shipboard - Design **Recommendation: Approve request for an extension until December 2015**

P45.3

Recommended Practice for Shipboard Electrical Installations - Systems Engineering Recommendation: Approve request for an extension until December 2014

P45.4

Recommended Practice for Electrical Installations on Shipboard - Marine Sectors and Mission Systems

Recommendation: Approve request for an extension until December 2014

P45.5

Recommended Practice for Electrical Installations on Shipboard - Safety Considerations

Recommendation: Approve request for an extension until December 2014

P45.6

Recommended Practice for Electrical Installations on Shipboard - Electrical Testing **Recommendation: Approve request for an extension until December 2014**

P1566

Standard for Performance of Adjustable Speed AC Drives Rated 375 kW and Larger **Recommendation: Approve request for an extension until December 2013**

P1716

Recommended Practice for Managing Natural Disaster Impact on key electrical systems and installations in Petroleum and Chemical Facilities **Recommendation: Approve request for an extension until December 2013**

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3001.2

Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3001.9

Recommended Practice for the Lighting of Industrial and Commercial Facilities **Recommendation: Approve request for an extension until December 2014**

P3002.7

Recommended Practice for Conducting Motor-Starting Studies in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3002.8

Recommended Practice for Conducting Harmonic-Analysis Studies of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3002.9

Recommended Practice for Conducting Switching-Transient Studies of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3003.1

Recommended Practice for the System Grounding of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3003.2

Recommended Practice for Equipment Grounding and Bonding in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3004.10

Recommended Practice for Generator Protection in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3004.11

Recommended Practice for Bus and Switchgear Protection in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3005.3

Recommended Practice for the Application of Stored-Energy Systems for use in Emergency and Stand-By Power Systems

Recommendation: Approve request for an extension until December 2014

P3005.4

Recommended Practice for Improving the Reliability of Emergency and Stand-By Power Systems

Recommendation: Approve request for an extension until December 2014

P3005.7

Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2014

P3006.9

Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems **Recommendation: Approve request for an extension until December 2013**

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.2

Standard for a Smart Transducer Interface for Sensors and Actuators - Serial Pointto-Point Interface

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Energy Development & Power Generation

P1249

Guide for Computer Based Controls for Hydroelectric Power Plant Automation **Recommendation: Approve request for an extension until December 2013**

IEEE Power and Energy Society/Electric Machinery

P117

Standard Test Procedure for Thermal Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Insulated Conductors

P575

Guide for Bonding Sheaths and Shields of Single-Conductor Power Cables Rated 5 - 500 $\rm kV$

Recommendation: Approve request for an extension until December 2013

P848

Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems

Recommendation: Approve request for an extension until December 2013

P1659

Guide for Connectors Used In Underground Cable Joints and Terminations for Voltages of 5 - 35 kV

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Nuclear Power Engineering

P933

Guide for the Definition of Reliability Program Plans for Nuclear Generating Stations and Other Nuclear Facilities

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Power System Relaying

PC37.98

Standard for Seismic Qualification Testing of Protective Relays and Auxiliaries for Nuclear Facilities

Recommendation: Approve request for an extension until December 2013

PC37.236

Guide for Power System Protective Relay Applications over Digital Communication Channels

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Stationary Batteries Committee

P1187

Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid Batteries for Stationary Applications

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.34

Standard for Test Methods and Performance of Low-Voltage (1000 V rms or less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Equipment)

Recommendation: Approve request for an extension until December 2014

PC62.37.1

Guide for the Application of Thyristor Surge Protective Device Components **Recommendation: Approve request for an extension until December 2013**

IEEE Power and Energy Society/Substations

P81

Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System

Recommendation: Approve request for an extension until December 2013

P837

Standard for Qualifying Permanent Connections Used in Substation Grounding **Recommendation: Approve request for an extension until December 2014**

IEEE Power and Energy Society/Switchgear

PC37.11

Standard Requirements for Electrical Control for AC High-Voltage (>1000V) Circuit Breakers

Recommendation: Approve request for an extension until December 2013

PC37.20.3

Standard for Metal-Enclosed Interrupter Switchgear (1 kV-38 kV) Recommendation: Approve request for an extension until December 2013

PC37.74

Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Transmission and Distribution

P519

Recommended Practices and Requirements for Harmonic Control in Electric Power Systems

Recommendation: Approve request for an extension until December 2013

P1048

Guide for Protective Grounding of Power Lines Recommendation: Approve request for an extension until December 2013

P1726

Guide for the Functional Specification of Fixed Transmission Series Capacitor Banks for Transmission System Applications

Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Transformers

P638

Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 2013

PC57.152

Guide for Diagnostic Field Testing of Fluid Filled Power Transformers, Regulators, and Reactors

Recommendation: Approve request for an extension until December 2013

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1704

Standard for Utility Industry End Device Communications Module Recommendation: Approve request for an extension until December 2014

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P1528

Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques

Recommendation: Approve request for an extension until December 2013

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.0

Guide for Wireless Access in Vehicular Environments (WAVE) - Architecture **Recommendation: Approve request for an extension until December 2013**

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1478

Standard for Environmental Conditions for Transit Rail Car Electronic Equipment **Recommendation: Approve request for an extension until December 2013**

P1629

Standard for Performance of dc Overhead Current Collectors for Transit Vehicles **Recommendation: Approve request for an extension until December 2013**

P1653.1

Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 Volts dc Nominal Output

Recommendation: Approve request for an extension until December 2013

P1791

Recommended Practice for Terminology Used for Direct Current Electric Transit Overhead Contact Systems

Recommendation: Approve request for an extension until December 2013

4.3 New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qbz

IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Enhancements to Bridging of 802.11 Media Amendment **Recommendation: Approve new PAR until December 2016**

P802.1Qca

IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Path Control and Reservation **Recommendation: Approve new PAR until December 2016**

P802.3bp

IEEE Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over Fewer than Three Twisted Pair Copper Cable **Recommendation: Approve new PAR until December 2016**

P802.11ak

IEEE Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Amendment: Enhancements For Transit Links Within Bridged Networks **Recommendation: Approve new PAR until December 2016**

P802.11aq

IEEE Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Amendment: Pre-Association Discovery

Recommendation: Approve new PAR until December 2016

P802.15.4q

IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for an Ultra Low Power Physical Layer **Recommendation: Approve new PAR until December 2016**

P802.16r

IEEE Standard for Air Interface for Broadband Wireless Access Systems - Amendment for Small Cell Backhaul (SCB)

Recommendation: Approve new PAR until December 2016

[Michael Janezic recused himself]

IEEE Computer Society/Software & Systems Engineering Standards Committee

P29119-5

Software and Systems Engineering -- Software Testing -- Part 5: Keyword-Driven Testing

Recommendation: Approve new PAR until December 2016

IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee

P11073-10301-1

Health informatics - Point-of-care medical device communication - Part 10301-1: Device Specialization - Infusion pump, General **Recommendation: Approve new PAR until December 2016**

P11073-10302-1

Health informatics - Point-of-care medical device communication - Part 10302-1: Device Specialization - Physiologic monitor, General **Recommendation: Approve new PAR until December 2016**

P11073-10303-1

Health informatics - Point-of-care medical device communication - Part 10303-1: Device Specialization - Ventilator, General

Recommendation: Approve new PAR until December 2016

P11073-20201

Health informatics -- Point-of-care medical device communication -- Part 20201: Application profile - Polling mode

Recommendation: Approve new PAR until December 2016

P11073-20202

Health informatics -- Point-of-care medical device communication -- Part 20202: Application profile - Baseline asynchronous mode **Recommendation: Approve new PAR until December 2016**

P11073-20301

Health informatics -- Point-of-care medical device communication -- Part 20301: Application profile - Optional package, remote control **Recommendation: Approve new PAR until December 2016**

P11073-20401

Health informatics -- Point-of-care medical device communication -- Part 20401: Application profile - Common networking services **Recommendation: Approve new PAR until December 2016**

IEEE Power and Energy Society/Power System Relaying

PC37.237

Standard Requirements for Time Tags Created by Intelligent Electronic Devices - COMTAG(TM)

Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Substations

P2030.101

Guide for Designing a Time Synchronization System for Power Substations **Recommendation: Approve new PAR until December 2016**

IEEE Power and Energy Society/Transmission and Distribution

P1882

Guide for Establishing, Benchmarking, and Maintaining a Live Energized Working Program

Recommendation: Conditionally approve new PAR until December 2016 contingent on "live energized transmission lines" being added to the title and purpose

PC57.12.60-2009/Cor 1

IEEE Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry-

Type Power and Distribution Transformers, Including Open-Wound, Solid-Cast, and Resin-Encapsulated Transformers - Corrigendum 1 **Recommendation: Approve new PAR until December 2016**

4.4 PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.22.1

Standard for Information Technology--Telecommunications and information exchange between systems—Local and metropolitan area networks--Specific requirements Part 22.1: Standard to Enable Spectrum Sharing using Advanced Beaconing

Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Nuclear Power Engineering

P692

Standard Criteria for Security Systems for Nuclear Power Generating Stations **Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Switchgear

PC37.20.1

Standard for Metal-Enclosed Low Voltage (1000Vac and below, 3200Vdc and below) Power Circuit Breaker Switchgear

Recommendation: Approve PAR for the revision of a standard until December 2016

PC37.23

Standard for Metal-Enclosed Bus Recommendation: Approve PAR for the revision of a standard until December 2016

PC37.41

Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories **Recommendation: Approve PAR for the revision of a standard until December 2016**

PC37.60

High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV **Recommendation: Approve PAR for the revision of a standard until December 2016** IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.12

Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations

Recommendation: Approve PAR for the revision of a standard until December 2016

5 OLD BUSINESS

There were no old business items for this agenda.

6 NEW BUSINESS

6.1 Deadline for responses to NesCom comments – Discussion – Don Wright

Don expressed a concern that last minute responses to comments and changes to the PAR led to confusion for the committee and potential errors on PARs. The committee agreed in principle but felt that NesCom convention # 8 "Timely Response to Comments" dealt sufficiently with the issue. The convention calls for comment responses to be submitted prior to the close of the "Open Review" period but leaves it to NesCom's judgment to decide whether or not to allow a last minute comment response or change to the PAR. In order to re-emphasize the importance of timely submittal of comments responses during the NesCom Open Review Period, the Open Review period with be systematically reset to close 48 hours prior to the NesCom meeting.

6.2 myTools Update – Yacone/Marchini

Lisa pointed out to the committee that a downloadable blank PAR form in Word format, with instructions, was now available from the HELP link on the Submit a PAR page in myProject. This document was for use when drafting a PAR. The form cannot be uploaded into myProject.

Jon thanked Greg for his quick response to the request to fix the instructions in field 8.1 of the Modified PAR. As a follow up, he requested that a differentiation be made between text in 8.1 from the original PAR and text added for the modified PAR. Greg said he could look into this as a future enhancement.

Mike Janezic asked for an improvement in the ability to move back and forth between standards in the Comment Detail section.

There was also a request to have a delete feature within each myProject system notification.

AI: Mike Janezic will send Lisa an email explaining his request. Lisa will then add all three requests to the ticket system.

7 NEXT MEETING

The next NesCom Continuous Processing teleconference is scheduled for 18 January 2013. The submittal deadline for the agenda is 14 December 2012. This meeting will be the final responsibility of the 2012 NesCom Committee.

The next face to face meeting of NesCom is scheduled for 05 March 2013 in Piscataway, New Jersey, USA. The submittal deadline for the agenda is 24 January 2013.

8 ADJOURNMENT

There being no further business, the meeting was adjourned at 12:00 pm ET.