OMG Platform Technology Committee Friday, 9 June, 2017 Brussels, Belgium OMG document ptc/17-06-02

Andrew Watson determined if the PTC is quorate. Quorum was 5; there were 10 PTC voters present. The PTC was called to order at 9:06 a.m.

First order of business was approval of the Reston, VA minutes (ptc/17-03-15).

Char Wales (MITRE) moved to approve the minutes.
Jason Smith (The Software Revolution) seconded the motion.
Hugues Vincent (THALES) proposed White Ballot.
There was no objection to White Ballot.
Motion carried.

Next order of business was **SUBGROUP REPORTS**.

Philip Newcomb reported on *Architecture-Driven Modernization Platform Task Force* (ADMTF) activities on behalf of the regular chairs:

- Mr. Newcomb was elected co-chair at the last meeting in Reston
- A 5 year roadmap was established, there will be aggressive future agenda planning
- A series of summits at each OMG meeting is planned
- There will be a book series regarding ADMTF topics
- The Automated Technical Debt Measure RFC was approved by the Architectuire Board and is now up for PTC adoption vote

Char Wales (MITRE) reported on *Middleware and Related Services Platform Task Force* (MARS PTF) activities:

Highlights from this Meeting:

- DDS XML Consolidation RFC: Completed 2nd reading and recommended for adoption
- DDS-XRCE: Progress report on 2 submissions.
- DDS TCP/IP PSM RFP: Reviewed draft RFP
- IDL4 to Java Mapping: Reviewed draft RFP
- IEF Reference Architecture: Reviewed final submission and recommended for adoption
- UML Profile for ROSETTA: Reviewed draft RFC
- MARTE: Reviewed status and future plans for updates
- SBC/SDR: Met for 1st working group and decided to draft an RFI to focus charter
- DDS & IDL ISO Submissions: Discussed strategy; IDL 4.1 to be starting point
- DIDO Networks: Discussed technology; applicability to existing and new OMG standards

• SMPaaS: Demo of Use Case for DIDO Networks

Deliverables from this Meeting:

- Technology Adoption Recommendation(s)
 - o IEF Reference Architecture
 - DDS XML Consolidation RFC
- RFP/RFI/RFC Recommendation(s): None
- TF Documents Issued: None

Future Deliverables (In-Process):

Technology Adoptions

- DDS to OPC UA (Open Platform Communication Unified Architecture) Gateway
- DDS XRCE (eXtremely Resource Constrained Environments)

RFP/RFI/RFC Recommendations

- TCP/IP PSM for DDS Interoperability RFP
- IDL4 to Java RFP
- XML JSON Mapping for DDS RFC/RFP
- UML Profile for ROSETTA (Relational Oriented Systems Engineering Technology Tradeoff Analysis) RFC
- SBC/SDR RFI
- IEF Policy-based Packaging Service (IEPPS) RFP

Liaisons

None

Agenda Items for the Next Meeting:

- OPC-UA Gateway: Review revised submission
- TCP/IP PSM for DDS Interop RFP: Review and issue?
- IDL4 to Java RFP: Review and issue?
- UML Profile for ROSETTA RFC: Review and issue?
- XML JSON Mapping for DDS RFC/RFP: Discussion re RFP or RFC
- SBC/SDR RFI: Review draft, possibly issue?
- IEF Policy-based Packaging Service (IEPPS): Discussion of strategy for RFP
- Recasting DDS specs for ISO: Review explanatory report for IDL 4.1
- DIDO Networks: Review discussion paper
- WGs to meet: IDL, IEF, SBC/SDR

Gerardo Pardo-Castellote (RTI) reported on the activities of the *Data Distribution Service Platform Special Interest* Group:

Highlights from this Meeting:

- Election of Clark Tuckker (TwinOaks) as co-chair
- Support of the DDS Tutorial
- http://www.omg.org/news/meetings/tc/brussels-17/special-events/DDS-tutorial.htm
- Discussion on which specs to bring to ISO. Decided to start with IDL
- Presentation by Jackrabbit consulting on Secure Messaging Platform as a Service
- Discussion on prioritization of ongoing RFP work. Decision to prioritize:
 - o DS Security 1.1
 - o DDS 1.5 (for ISO preparation)
 - o DDSI-RTPS 2.3
 - o DDS-PSM-C++ 1.2
- Update on revised submission of DDS-XRCE gateway (at MARS)
- DDS-XML RFC was recommended for adoption

Plans for next Meeting:

- Revised submission to OPCUA/DDS Gateway and DDS-XRCE DDS Tutorial
- Potential DDS Security demonstration if 3 or more vendors are ready

J.D. Baker (Sparx Systems) reported on the activities of the *Analysis & Design Platform Task Force* (ADTF) on behalf of the chairs:

Highlights from this Meeting:

- Sanford Friedenthal presented SysML v2 RFP Initial Requirements
- Marc-Florian Wendland presented UML Testing Profile V2 RFP Revised Submission
- Tao Yue presented Uncertainty Modeling RFP Initial Requirements

Passed Motions:

- API4KB RFP: set the initial submission date to Aug 28, 2017 and revised submission date to February 19, 2018
- SIMF RFP: set the revised submission date November 6th, 2017
- UTP 2: submission recommended for adoption

Deliverables from this Meeting:

- Technology Adoption Recommendation(s): n/a
 - o UML Testing Profile V2 RFP (ad/2017-05-01)

Future Deliverables (In-Process):

- Technology Adoptions
 - o SMIF submission: November 6th, 2017
 - o API4KB submission: August 28, 2017
 - o IMM submission: August 28th, 2017
 - Agent Metamodeland Profile / Event Metamodeland Profile submission: August 28th, 2017

- o MVF (Multiple Vocabulary Facility) submission: August 28th, 2017
- RFP/RFI Recommended or Other Recommendations:
 - o SysMLv2 RFP issuance: December 2017

Liaisons:

none

Agenda Items for the Next Meeting:

• API4KB, draft SysMLv2 RFP, IMM, AMP / EMP, and MVP

Andrew Watson reported on *System Assurance Platform Task Force* (Sysa PTF) activities on behalf of their chairs:

Highlights from this Meeting:

- Status update on SACM 2.0 with presentation on Open Group's ArchiMate 3.0 Stereotyped Model of SACM 2.0 by G. Edward Roberts
- Status of ADTF Safety RFP (no slides)
- Discussion with UAF FTF on progress and security views in UAF (no slides)

Deliverables from this Meeting:

None

Future Deliverables (In-Process):

- Technology Adoptions
 - o OTRA Specification (June 2017)
 - o Software Fault Patterns RFC (Sep 2017)
 - o Tool Output Integration Framework (Mar 2018)

Agenda Items for the Next Meeting:

- Review Status of Operational Threat Analysis Model
- Review progress of Software Fault Patterns RFC
- Review progress of Tool Output Integration Framework RFC

The next order of business was SUBGROUP CHARTERS/EXTENSIONS/CHANGES.

Char Wales (MITRE) moved to charter the IEF Reference Architecture 1.0 Finalization Task Force with the following dates and membership:

IEF REFERENCE ARCHITECTURE 1.0 FTF

Contact: ief-ftf@omg.org

TF Chairs: Mr. Michael Abramson

IPR Mode: Non-Assert List of Issues: IEFRA

Schedule

Event	Date	Notes
FTF Report Due Date		TBD 4 weeks prior to the June 2018 meeting
FTF Recommendation and Report Deadline		TBD 1 week after the June 2018 TC meeting
Base Document(s)		
Voting List Deadline	June 9, 2017	
Beta 1 Publication	, , , , , , , , , , , , , , , , , , ,	Relevant documents: ptc/17-06-01 (IEF RA FTF Beta 1 document)
FTF Comments Due	January 31, 2018	

VOTING LIST:

Company	Date	Notes
Advanced Systems Management Group Ltd.	June 9, 2017	Mr. Michael Abramson
General Dynamics	June 9, 2017	Mr. Justin Scaduto
MITRE	June 9, 2017	Mrs. Charlotte Wales

J.D. Baker (Sparx Systems) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried

J.D. Baker (Sparx Systems) moved to charter the UTP2 1.0 Finalization Task Force with the following dates and membership:

UML TESTING PROFILE 2 FTF

Contact: utp2-ftf@omg.org

TF Chairs: Mr. Markus Schacher Mr. Marc-Florian Wendland

IPR Mode: Non-Assert
List of Issues: UMLTP2

Schedule

Event	Date	Notes
FTF Report Due Date		TBD - 4 weeks prior to the June 2018 TC meeting
FTF Recommendation and Report Deadline		TBD - 1 week after the June 2018 TC meeting
Base Document(s)		Relevant documents: ad/17-06-02 (UTP2 revised submission updated inventory file) ad/17-06-01 (UTP2 revised submission errata sheet) ad/17-05-04 (XMI for UTP 2 auxiliary library) ad/17-05-03 (XMI for UTP 2 types library) ad/17-05-02 (XMI for UTP 2) ad/17-05-01 (UTP2 revised submission)
Voting List Deadline	June 9, 2017	
Beta 1 Publication	July 7, 2017	
FTF Comments Due	January 31, 2018	

VOTING LIST:

Company	Date	Notes
Fraunhofer FOKUS	June 9, 2017	Mr. Marc-Florian Wendland
KnowGravity Inc.	June 9, 2017	Mr. Markus Schacher
Simula Research Laboratory	June 9, 2017	Dr. Shaukat Ali
Softeam	June 9, 2017	Dr. Alessandra Bagnato
Sparx Systems	June 9, 2017	Mr. James D. Baker
Universidad de Cantabria	June 9, 2017	Dr. Julio Medina
University of Applied Science Hamburg	June 9, 2017	Dr. Zhen Ru Dai

Manfred Koethe (88solutions) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried

Philip Newcomb (The Software Revolution) moved to charter the Automated Technical Debt Measure 1.0 Finalization Task Force with the following dates and membership:

AUTOMATED TECHNICAL DEBT MEASURE 1.0 FTF

Status: Voting List deadline has passed.

Contact: atdm-ftf@omg.org

TF Chairs: Dr. Bill Curtis IPR Mode: Non-Assert List of Issues: ATDM

Schedule

Event	Date	Notes
Base Document(s)		Relevant documents: admtf/17-03-05 (Automated Technical Debt Measure inventory file) admtf/17-03-04 (Automated Technical Debt Measure - responses to AB comments) admtf/17-03-03 (Automated Technical Debt Measure XMI file) admtf/17-03-01 (Automated Technical Debt Measure RFC)
Voting List Deadline	June 9, 2017	
Beta 2 Specification Due	July 9, 2017	
Beta 1 Specification Publication	July 11, 2017	Relevant documents: ptc/17-07-01 (Automated Technical Debt Measure (ATDM), FTF Beta 1)
FTF Comments Due	July 31, 2017	
FTF Report Due Date	November 6, 2017	
FTF Recommendation and Report Deadline	December 15, 2017	

VOTING LIST:

Company		Notes
Company	Date	1000

88solutions	June 9, 2017	Mr. Manfred R. Koethe
CAST Software	June 9, 2017	Dr. Bill Curtis
MITRE	June 9, 2017	Mrs. Charlotte Wales
TSG, Inc.	June 9, 2017	Mr. William Ulrich
The Software Revolution	June 9, 2017	Dr. Jason Smith
Universidad de Cantabria	June 9, 2017	Dr. Julio Medina

J.D. Baker (Sparx Systems) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried

J.D. Baker (Sparx Systems) moved to charter the MARTE 1.2 Revision Task Force with the following dates and membership:

MARTE 1.2 RTF 2

Status: Voting List deadline has passed.

Contact: marte-rtf@omg.org

TF Chairs: Dr. Sebastien Gerard Mr. Bran Selic

IPR Mode: RAND

List of Issues: MARTE12_

Event	Date	Notes
Base document(s)		Relevant documents: ptc/10-08-35 (MARTE 1.1 RTF report - inventory file) ptc/10-08-34 (MARTE 1.1 RTF report - XMI file) ptc/10-08-33 (MARTE 1.1 RTF report - XMI file) ptc/10-08-32 (MARTE 1.1 RTF report - convenience document without change bars) ptc/10-08-31 (MARTE 1.1 RTF report - convenience document with change bars) ptc/10-08-30 (MARTE 1.1 RTF report)
Voting List Deadline	June 9, 2017	
RTF Report Due Date	June 11, 2017	
RTF Public Comment	September 15,	

Deadline	2017	
D.M.E.D D. 11.	December 15,	
RTF Revision Deadline	2017	

Company	Date	Notes
Airbus Group	June 9, 2017	Mr. Yves Bernard
Commissariat a l Energie Atomique-CEA	June 9, 2017	Dr. Sebastien Gerard
Fundacion Tecnalia Research and Innovation	June 9, 2017	Mr. Huascar Espinoza Ph.D.
Simula Research Laboratory	June 9, 2017	Mr. Bran Selic
THALES	June 9, 2017	Dr. Laurent Rioux
Universidad de Cantabria	June 9, 2017	Dr. Julio Medina

J.D. Baker (Sparx Systems) seconded the motion Char Wales (MITRE) proposed White Ballot There was no objection to White Ballot Motion carried.

Thomas Vergnaud (THALES) moved to charter the UCM 1.1 Revision Task Force with the following dates and membership:

UCM 1.1 RTF

Contact: ucm-rtf@omg.org

TF Chairs: Dr. Thomas Vergnaud

IPR Mode: Non-Assert List of Issues: UCM11

Event	Date	Notes
RTF Revision Deadline		TBD One week after the June 2018 meeting
RTF Report Due Date		TBD 4 weeks prior to the June 2018 meeting
Voting List Deadline	June 9, 2017	
RTF Public Comment Deadline	February 1, 2018	

Company	Date	Notes
88solutions	June 9, 2017	Mr. Manfred R. Koethe
Commissariat a l Energie Atomique-CEA	June 9, 2017	Dr. Ansgar Radermacher
MITRE	June 9, 2017	Mrs. Charlotte Wales
Northrop Grumman	June 9, 2017	Mr. Mark C. Hayman
PrismTech	June 9, 2017	Dr. Angelo Corsaro, PhD.
Real-Time Innovations	June 9, 2017	Dr. Gerardo Pardo-Castellote, Ph.D.
THALES	June 9, 2017	Dr. Thomas Vergnaud
Universidad de Cantabria	June 9, 2017	Dr. Julio Medina

Char Wales (MITRE) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried.

Gerardo Pardo-Castellote (RTI) moved to charter the DDS-XML 1.0 Finalization task Force with the following dates and membership:

DDS CONSOLIDATED XML SYNTAX (DDS-XML) 1.0 FTF

Contact: dds-xml-ftf@omg.org

TF Chairs: Mr. Fernando Garcia-Aranda

IPR Mode: Non-Assert
List of Issues: DDSXML

Event	Date	Notes
Base document(s)		Relevant documents: mars/17-03-05 (DDS-XML RFC zipped machine-readable files) mars/17-03-04 (DDS-XML RFC inventory file) mars/17-03-01 (DDS-XML RFC, updated draft clean)
Voting List Deadline	June 9, 2017	
Beta 1 Specification Publication	July 7, 2017	

		Relevant documents: ptc/17-07-02 (DDS Consolidated XML Syntax (DDS-XML), FTF Beta 1 document)
FTF Comments Due	October 1, 2017	
FTF Report Due Date	November 6, 2017	
FTF Recommendation and Report	December 15,	
Deadline	2017	

Company	Date	Notes
88solutions	June 9, 2017	Mr. Manfred R. Koethe
General Dynamics	June 9, 2017	Mr. Justin Scaduto
Jackrabbit Consulting	June 9, 2017	Dr. Nick Stavros
MITRE	June 9, 2017	Mrs. Charlotte Wales
Real-Time Innovations	June 9, 2017	Mr. Fernando Garcia-Aranda
Twin Oaks Computing, Inc.	June 9, 2017	Mr. Clark Tucker

Char Wales (MITRE) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried.

Gerardo Pardo-Castellote (RTI) moved to charter the IDL 4.2 Revision Task Force with the following dates and membership:

INTERFACE DEFINITION LANGUAGE 4.2 RTF

Contact: idl-rtf42@omg.org

TF Chairs: Dr. Gerardo Pardo-Castellote, Ph.D.

IPR Mode: Non-Assert
List of Issues: IDL42

Event	Date	Notes
Base Document(s)		

		Relevant documents: smsc/17-05-03 (IDL, v4.1 review document.)
Voting List Deadline	June 9, 2017	
RTF Public Comment Deadline	July 31, 2017	
RTF Report Due Date	August 28, 2017	
RTF Revision Deadline	October 8, 2017	

Company	Date	Notes
Jackrabbit Consulting	June 9, 2017	Dr. Nick Stavros
MITRE	June 9, 2017	Mrs. Charlotte Wales
PrismTech	June 9, 2017	Mr. Erik Hendriks
Real-Time Innovations	June 9, 2017	Dr. Gerardo Pardo-Castellote, Ph.D.
THALES	June 9, 2017	Dr. Thomas Vergnaud
Twin Oaks Computing, Inc.	June 9, 2017	Mr. Clark Tucker

Char Wales (MITRE) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried.

Jason Smith (The Software Revolution) moved to charter the SPMS 1.3 Revision Task Force with the following dates and membership:

STRUCTURED PATTERNS METAMODEL STANDARD (SPMS) 1.3 RTF

Contact: spms-rtf@omg.org

TF Chairs: Dr. Jason Smith IPR Mode: Non-Assert List of Issues: SPMS13

Event	Date	Notes
RTF Revision Deadline		TBD - 1 week after the June 2018 TC meeting
RTF Report Due Date		TBD - 4 weeks prior to the June 2018 meeting

Base Document(s)		Relevant documents: ptc/17-05-16 (SPMS XMI file) ptc/17-05-15 (SPMS convenience document with change bars) ptc/17-05-14 (SPMS convenience document clean) ptc/14-09-33 (SPMS Figures zip file)
Voting List Deadline	June 9, 2017	
RTF Public Comment Deadline	January 1, 2018	

Company	Date	Notes
88solutions	June 9, 2017	Mr. Manfred R. Koethe
CAST Software	June 9, 2017	Mr. Philippe-Emmanuel Douziech
Change Vision	June 9, 2017	Mr. Michael Jesse Chonoles
MITRE	June 9, 2017	Mr. Bob Martin
Model Driven Solutions	June 9, 2017	Mr. Cory B. Casanave
ModelFoundry	June 9, 2017	Mr. Sam Mancarella
No Magic, Inc.	June 9, 2017	Ms. Bobbin Teegarden
TSG, Inc.	June 9, 2017	Mr. William Ulrich
The Software Revolution	June 9, 2017	Dr. Jason Smith

Char Wales (MITRE) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried.

J.D. Baker (Sparx Systems) made the composite motion:

• To extend the DDS Security 1.1 RTF report deadline to 6th October 2017

To extend the Essence 1.2 RTF report deadline to 6th October 2017

To extend the DDSI-RTPS 2.3 RTF to 15th December 2017

To extend the XMI 2.6 RTF to 15th December 2017

To extend the MOF 2.6 RTF to 15th December 2017

To extend the QVT 1.4 RTF report deadline to 30th March 2018

To extend the OCL 2.5 RTF report deadline to 30th March 2018

To extend the Web-enabled DDS 1.1 RTF to 30th March 2018

To extend the UML 2.6 RTF to 30th March 2018

To extend the DDS-PSM-Java v1.1 RTF to 1 week after the June 2018 meeting

To extend the Data Distribution Service 1.5 RTF to 1 week after the June 2018 meeting

Char Wales (MITRE) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried.

J.D. Baker (Sparx Systems) made the composite motion:

To add Manas Bajaj as InterCAX voter on the SysML 1.6 RTF
 To add Len Levine as Office of the Secretary of Defense voter on the SysML 1.6 RTF

To add Bran Selic as Simula Research Laboratory voter on the PSSM 1.0 FTF

To add Manfred Koethe as 88 solutions voter on the PSSM 1.0 FTF

To add Manfred Koethe as 88 solutions voter on the SysML 1.6 RTF

To add Axel Scheithauer as oose Innovative Informatik eG voter on the PSSM 1.0 FTF

Char Wales (MITRE) seconded the motion Hugues Vincent (THALES) proposed White Ballot There was no objection to White Ballot Motion carried.

The next order of business was initiation of the **TECHNOLOGY RECOMMENDATION** polls.

Before the PTC on 9th June 2017 were the following submissions and reports:

IEF Reference Architecture Submission	mars/17-05-01
Supplementary Information	mars/17-05-02
ISMB messages XML.zip	mars/17-05-03
IEPPV-PPS Policy XSDs.zip	mars/17-05-04
Ancillary RA Model (Magicdraw v18.3)	mars/17-05-05
Model in XMI	mars/17-05-06
Inventory	mars/17-05-07
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TITTO A C. I. I. I.	1/17 05 01
UTP2 Submission	ad/17-05-01
UTP2 Submission XMI	ad/17-05-01 ad/17-05-02
XMI	ad/17-05-02
XMI XMI for types library	ad/17-05-02 ad/17-05-03
XMI XMI for types library XMI for ancillary library	ad/17-05-02 ad/17-05-03 ad/17-05-04

Inventory	ad/17-06-02
Automated Technical Debt Measure RFC (2nd Rdg) XMI file Cover letter Inventory	admtf/17-03-01 admtf/17-03-03 admtf/17-03-06 admtf/17-03-05
DDS-XML RFC (2nd Rdg) DDS-XML RFC zipped machine-readable files Cover letter Inventory	mars/17-03-01 mars/17-03-05 mars/17-02-19 mars/17-03-04
UCM 1.0 FTF report Revised specification (clean) Revised specification (change bars) Meta-model (UML, normative) Core file for the IDL mapping XML files of the standard UCM library XML schema Meta-model (Ecore format, non-normative) Ancillary attachment file	ptc/17-05-17 ptc/17-05-18 ptc/17-05-19 ptc/17-05-04 ptc/17-05-05 ptc/17-05-06 ptc/17-05-07 ptc/17-05-08 ptc/17-05-09
SPMS 1.2 RTF report Revised specification (clean) Revised specification (change bars) XMI file	ptc/17-05-13 ptc/17-05-14 ptc/17-05-15 ptc/17-05-16

Andrew Watson explained that the vote on this technology recommendation will be carried out by email. However, any PTC voting representative here today whose company wishes to vote "Yes" to all the adoptions can pre-register that vote now, and OMG staff will email confirmation of that vote to the registered voter after the meeting. If any member wishes to do anything other than vote "Yes" to all, or subsequently wishes to change its mind about voting "Yes to all", please wait for the voting form to arrive by email and use it to vote appropriately.

Those who pre-registered a vote IN FAVOUR OF RECOMMENDING ADOPTION of these technologies:

Sparx Systems, 88 solutions, GfSE, Fujitsu, The Software Revolution, MITRE, Real-Time Innovations, THALES.

The next order of business was discussion and adoption to amend Policies & Procedures: Task Force Membership (OMG document pp/17-06-01)

Mr. Watson provided an overview on the reasons for the proposed amendment(s), including background on NRF and ARTS Counsel existing specifications. He touched on the fact that

existing ARTS Counsel members can participate in Retail DTF only, that current OMG members can participate in the Retail DTF as they can in any OMG Task Force. He noted that OMG's Board of Directors updated the OMG bylaws and that the reason for this proposed p&p amendment was to align with the bylaws.

Mr. Watson noted that submissions to Retail DTF specifications (i.e. via RFC) cannot change existing OMG specifications.

Mr. Watson also clarified that OMG's BoD created a class of TF membership (Retail) but not instances, noting that once the Retail DTF is chartered the BoD would jump into action and create a Retail membership, and that the Retail membership class would be permanent. Mr. Watson also noted, that the TCs have control over creating a Retail DTF, and that the BoD was depending on TC approval to create a specific membership Retail class.

J.D. Baker (Sparx Systems) moved to adopt the amended Policies & Procedures (OMG document pp/2017-06-01)
Char Wales (MITRE) seconded the motion
Hugues Vincent (THALES) proposed White Ballot
There was no objection to White Ballot
Motion carried.

Andrew Watson then asked if there was any other business coming before the PTC. There being no further business brought before the PTC, it was adjourned at 10:46 A.M.