ISO/IEC JTC 1/SC29/WG1
(ITU-T SG16)

Coding of Still Pictures

JBIG
Joint Bi-level Image Experts Group

JPEG
Joint Photographic Experts Group

TITLE: List of Ad hoc Groups established at the 78th ISO/IEC JTC 1/SC29/WG1 Meeting, 2018-01-27 to 2018-02-02, Rio de Janeiro, Brazil

SOURCE: WG1 Website

PROJECT: All WG1 projects

STATUS: Final

REQUESTED ACTION:

DISTRIBUTION: Public

Contact:
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2. Ad Hoc Group on JPEG Website and LiveLink
3. Ad Hoc Group on JPEG Pleno - Light Field
4. Ad Hoc Group on JPEG Pleno - Holography
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Subgroup	Coding, test and quality
Status	Moderated
Name	Ad Hoc Group on JPEG XS
Chair	Antonin Descampe (a.descampe@intopix.com)
Co-chair	Joachim Keinert (joachim.keinert@iis.fraunhofer.de)

Mandates/ Objectives	• JPEG XS Part-1 DIS
	  - Final editing of ISO/IEC 21122-1 (JPEG XS Part-1) DIS, contained in wg1n78035;
	  - Upload and submit for ballot at the end of editing period;
	• Update XSM Test Model to reflect all recent changes made when disposing comments from Part-1 CD ballot;
	• Investigate if any discrepancy appeared between updated XSM and previous version used for subjective testing;
	• Investigate the influence of slice height on the quality performance of the codec
	• Further investigate raw-Bayer evaluation methodologies and propose a corresponding workflow with the XSM Test Model;
	• Investigate inconsistencies observed among subjective evaluation results. This includes but does not limit to a statistical analysis of those results so as to provide confidence intervals;
	• Contact IETF to know what kind of information is required to move forward on defining an RFC for JPEG XS;
	• Produce an updated working draft for ISO/IEC 21122-2;
	• Produce a working draft for ISO/IEC 21122-3 based on requirements in wg1n78019.

Deliverables	• Comparison of latest XSM with the version used for subjective evaluation; • Analysis of the influence of slice height on the quality performance; • Proposal of a workflow based on XSM for a Core Experiment on raw-Bayer material; • Information about the procedure to initiate an RFC at IETF; • Proposed text for ISO/IEC DIS 21122-1; • Proposed draft of ISO/IEC WD 21122-2; • Proposed draft of ISO/IEC WD 21222-3; • Statistical report on CE 5 variances between labs.
Meetings	• Online meeting may be scheduled as required; • AhG meeting on April 10th, 2018, to be held in La Jolla, CA, USA.
How to join	E-mail reflector: jpeg-xs@jpeg.org To subscribe to the reflector, please visit http://jpeg-xs-list.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Communication
Status	Moderated
Name	Ad Hoc Group on JPEG Website and LiveLink
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Antonio Pinheiro (pinheiro@ubi.pt)
Mandates/ Objectives	• Contact ISO LiveLink support to initiate transfer of old document registry and historical archive to LiveLink; • Complete transition of the JPEG mailing lists; • Maintain and update JPEG website.
Deliverables	
Meetings	None
How to join	E-mail reflector: jpeg-website@jpeg.org To subscribe to the reflector, please visit http://jpeg-website-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Coding, test and quality
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Light Field
Chair	Ioan Tabus (ioan.tabus@tut.fi)
Co-chair	Zahir Alpaslan (zahir@ostendo.com)
Mandates/ Objectives	• Run core experiments defined during the 78th JPEG meeting: as in "wg1n78010-T&Q-JPEG Pleno Light Field Core Experiments 3"; • Collect additional test data; • Cross check results for above experiments; • Prepare text of WD2.0 for JPEG Pleno Part 1: update application section; • Prepare text of WD2.0 for JPEG Pleno Part 2.
Deliverables	• Report of JPEG Pleno Core Experiment 3; • Text of WD2.0 for JPEG Pleno Part 1; • Text of WD2.0 for JPEG Pleno Part 2; • New test materials.
Meetings	• Regular teleconference meeting(s) will be held when appropriate and after consultation of the JPEG Pleno AHG members and eventual additional test labs; • AHG Meeting on 2018-04-10 in La Jolla, CA, USA.
How to join	E-mail reflector: jpeg-pleno@jpeg.org To subscribe to the reflector, please visit http://jpeg-pleno-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Coding, test and quality
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Holography
Chair	Kwan-Jung Oh (kjoh@etri.re.kr)
Co-chair	Peter Schelkens (Peter.Schelkens@vub.ac.be)
Mandates/ Objectives	• Verification of identified objective and subjective quality assessment procedures for holographic content; • Obtain additional test data; • Secure additional interest from industry and academia; • Prepare an overview document about Holography.
Deliverables	• Report on validation of subjective quality assessment procedures and objective metrics; • New test data; • Overview document about Holography.
Meetings	• Teleconference meeting(s) will be scheduled after consultation of the members of the JPEG AHG on Holography.
How to join	E-mail reflector: jpeg-holo@jpeg.org To subscribe to the reflector, please visit http://jpeg-holo-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Coding, test and quality
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Point Clouds
Chair	Antonio Pinheiro (pinheiro@ubi.pt)
Co-chair	Stuart Perry (stuart.perry@uts.edu.au)
Mandates/ Objectives	• Finalise the input document "Overview of point cloud technology"; • Identify new point cloud databases, appropriate for Point Cloud tests. Define a new testing data set based on complexity and diversity; • Proceed with further studies on quality evaluation models, namely subjective assessment and objective models, using new codecs and point cloud data; • Identify use cases for point cloud; • Attract additional interest from industry and academia.
Deliverables	• Overview of the current point cloud state of the art and JPEG developments; • New point cloud test set; • Working document on point cloud quality evaluation protocols; • Database content; • Working document with use cases.
Meetings	• Online meetings may be scheduled as required; • AhG meeting on 2018-04-09 in La Jolla, CA, USA.
How to join	E-mail reflector: jpeg-pointcloud@jpeg.org To subscribe to the reflector, please visit http://jpeg-pointcloud-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on High Throughput JPEG 2000 (HTJ2K)
Chair	Pierre-Anthony Lemieux (pal@sandflow.com)
Co-chair	David Taubman (d.taubman@unsw.edu.au)
Mandates/ Objectives	• Process submissions to the CfP; • Organize independent performance of the Evaluation procedure on submitted Block Coder Libraries, whether by performing the procedure through an independent third-party, preferably, or by performing the procedure in-situ at the 79th meeting in La Jolla, CA, USA; • Process comments to ISO/IEC 15444-1:2016 PDAM ballot.
Deliverables	• Evaluation results for all Block Coder Library submissions; • Proposed disposition of comments.
Meetings	• Online meetings with at least one prior to March 1 to coordinate the creation of Evaluation Results; • Physical meetings on April 9-10 in La Jolla, CA, USA.
How to join	E-mail reflector: jpeg-htj2k@jpeg.org To subscribe to the reflector, please visit http://jpeg-htj2k-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on 360 Metadata
Chair	Andy Kuzma (andy.kuzma@intel.com)
Co-chairs	Junichi Hara (wave@nts.ricoh.co.jp)
Mandates/ Objectives	• Refine the evaluation process; • Create the outline for ISO/IEC 19566-6: Information technologies – JPEG Systems -- Part 6: JPEG 360; • Process responses to CfP at AhG meetings; • Deliver content for JPEG 360 section to JPEG Website; • Review JPEG Universal Metadata Box Format (JUMBF) for use by JPEG 360 metadata; • Report on related activities in TC42/WG18.
Deliverables	• Documented evaluation process; • PR content, as needed, for the Call for Proposals for JPEG 360 Metadata; • Collection of presentation materials by proposers to the Call for Proposals; • Outline for ISO/IEC 19566-6: Information technologies – JPEG Systems -- Part 6: JPEG 360: • Document on common JUMBF requirements between JPEG 360 and Privacy & Security; • Written report on related activities in TC42/WG18, and proposals for further collaboration.
Meetings	• Online meetings may be scheduled as required; • AhG meeting on 2018-04-9/10 in La Jolla, CA, USA.
How to join	E-mail reflector: jpeg-360@jpeg.org To subscribe to the reflector, please visit http://jpeg-360-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Next Generation Image Coding Standard
Chair	Jan De Cock (jdecock@netflix.com)
Co-chair	Seungcheol Choi (choisc@sju.ac.kr)
Mandates/ Objectives	• Promote more involvement from more stakeholders; • Finalize use cases and requirements based on input from interested parties; • Finalize anchor generation and objective quality evaluation; • Prepare subjective quality assessment methodology; • Collect further test material; • Propose a draft Call for Proposals.
Deliverables	• Draft Call for Proposals; • Report on anchor generation and objective quality assessment; • Report on subjective quality assessment; • Additional test materials.
Meetings	• Teleconference meeting(s) will be scheduled when appropriate and after consultation of the members of the AHG; • AHG meeting on 2018-04-10 in La Jolla, CA, USA.
How to join	E-mail reflector: jpeg-xl@jpeg.org To subscribe to the reflector, please visit http://jpeg-xl-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Blockchain
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Deepayan Bhowmik (deepayan.bhowmik@shu.ac.uk)
Mandates/ Objectives	• Explore use cases related to blockchain technology; • Investigate implications for JPEG Privacy and Security; • Explore standardization needs associated to the use cases.
Deliverables	• Use cases related to blockchain technology; • Report on identified standardization needs in JPEG.
Meetings	• Online meeting(s) may be scheduled as required.
How to join	E-mail reflector: jpeg-blockchain@jpeg.org To subscribe to the reflector, please visit http://jpeg-blockchain-list.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Coding, test and quality
Status	Moderated
Name	Ad Hoc Group on JPEG XT
Chair	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Co-chair	
Mandates/ Objectives	• Create draft DCOR for the ballot results of COR1 on 18477-1 and COR1 18477-8.
Deliverables	• DCORs on COR1 of 18477-1 and 18477-8.
Meetings	• Online meeting may be scheduled as required.
How to join	E-mail reflector: jpeg-xt@jpeg.org To subscribe to the reflector, please visit http://jpeg-xt-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Systems
Status	Moderated
Name	Ad Hoc Group on JPEG Privacy & Security, Metadata
Chair	Takaaki Ishikawa (takaxp@ieee.org)
Co-chair	Frederik Temmermans (ftemmerm@etrovub.be)
Mandates/ Objectives	• Continue work on WD of ISO/IEC 19566-4; • Continue work on WD of ISO/IEC 19566-5; • Disseminate JPEG Privacy and Security information; • Follow up discussion of AhG on blockchain.
Deliverables	• updated WD of ISO/IEC 19566-4; • updated WD of ISO/IEC 19566-5; • overview of dissemination activities; • summary of discussion related to nlockchain.
Meetings	• An online meeting with the editors for updating WD; • Online meeting(s) may be scheduled as required.
How to join	E-mail reflector: jpeg-privacy@jpeg.org To subscribe to the reflector, please visit http://jpeg-privacy-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Coding, test and quality
Status	Moderated
Name	Ad Hoc Group on JPEG reference software
Chair	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Co-chair	Gary Sullivan (garysull@microsoft.com)
Mandates/ Objectives	• Generate study text for CD of ISO/IEC 10918-7; • Test proposed reference software implementations against 18477-4; • Review license conditions of proposed reference software implementations; • Check copyright requirements for reference software.
Deliverables	• Updated reference software implementations; • Study text for CD of 10918-7; • Test results of software with 18477-4.
Meetings	• Online meeting may be scheduled as required.
How to join	E-mail reflector: jpeg-reference@jpeg.org To subscribe to the reflector, please visit http://jpeg-reference-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Communication
Status	Moderated
Name	Ad Hoc Group - 25th anniversary of the first JPEG standard
Chair	Antonio Pinheiro (pinheiro@ubi.pt)
Co-chair	
Mandates/ Objectives	• Plan logistics for the 25th anniversary event(s) taking place during the 79th WG1 meeting in La Jolla; • Plan and propose external communications activities; • Organize a workshop on current and future imaging technologies.
Deliverables	• 25th anniversary event during 79th JPEG meeting in La Jolla, CA, USA; • Workshop on current and future imaging technologies.
Meetings	• Online meeting may be scheduled as required.
How to join	E-mail reflector: jpeg-25@jpeg.org *To subscribe to the reflector, please visit http://jpeg-25-list.jpeg.org or in case of problems contact lists@jpeg.org*

Subgroup	Coding, test and quality
Status	Moderated
Name	Ad Hoc Group on AIC
Chair	Dale Stolitzka (d.stolitzka@samsung.com)
Co-chair	
Mandates/ Objectives	• Track progress of publication text and act as necessary; • Consider what best practices for JPEG Pleno objective quality assessments may be appropriate for inclusion in ISO/IEC TR 29170-1.
Deliverables	• Recommendations for best practices to be included in ISO/IEC TR 29170-1.
Meetings	• Teleconference calls may be scheduled as required.
How to join	E-mail reflector: jpeg-aic@jpeg.org To subscribe to the reflector, please visit http://jpeg-aic-list.jpeg.org or in case of problems contact lists@jpeg.org

Subgroup	Systems
Status	Public
Name	Ad Hoc Group on Exploration of Carriage Mechanism for JPEG-specified Codecs in ISO/IEC 23008-12
Chair	Gary Sullivan (garysull@microsoft.com)
Co-chair	David Singer (singer@apple.com)
Mandates/ Objectives	• Produce working draft for potential amendment to JPEG 2000 Part 1; • Produce working draft for potential amendment to JPEG XR Part 2; • Discuss and recommend how to include JPEG XT in ISO/IEC 23008-12.
Deliverables	• WD on potential AMD.2 of 15444-1; • WD on potential AMD.3 of 29199-2; • WD on potential AMD.1 of 18477-3.
Meetings	Online meeting(s) may be scheduled as required.
How to join	E-mail reflector: jpeg-heif@jpeg.org To subscribe to the reflector, please visit http://jpeg-heif-list.jpeg.org or in case of problems contact lists@jpeg.org