

**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 AhGs established at 83rd ISO/IEC JTC1/SC29/WG1 Meeting,
2019-03-16 to 2019-03-22, Geneva, Switzerland

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Final

**REQUESTED
ACTION:** For information

DISTRIBUTION: Public

Contact:

ISO/IEC JTC 1/SC29/WG1 Convenor – Prof. Touradj Ebrahimi
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1. [Ad Hoc Group on JPEG XS](#)
2. [Ad Hoc Group on JPEG XT](#)
3. [Ad Hoc Group on JPEG Website and LiveLink](#)
4. [Ad Hoc Group on JPEG Pleno - Light Field](#)
5. [Ad Hoc Group on JPEG Pleno - Point Cloud](#)
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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	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Finalize JPEG XS Part-3 FDIS (WG1N83020) and upload on livelink by the end of the editing period (2019-04-05) ● Finalize JPEG XS Part-5 CD (WG1N83037) and upload on livelink by the end of the editing period (2019-04-05) ● Finalize JPEG XS White Paper v2 (WG1N83038) and make available on JPEG website by the end of the editing period (2019-04-12) ● Run Exploration Study #2 on sensor compression, according to the timeline defined in WG1N83041. ● Organize an expert-viewing session during the 84th WG1 meeting in Brussels. ● Prepare WD of AMD1 for JPEG XS Part-1 ● Prepare Draft DoCR on DIS ballot of JPEG XS Part-4 ● Prepare Study document for IS text of JPEG XS Part-4 ● Prepare Draft DoCR on CD ballot of JPEG XS Part-5 ● Prepare Study document for DIS text of JPEG XS Part-5
Deliverables	<ul style="list-style-type: none"> ● JPEG XS Part-3 FDIS (WG1N83020) ● JPEG XS Part-5 CD (WG1N83037) ● JPEG XS White paper v2 (WG1N83038) ● Results of Exploration Study #2 on sensor compression ● JPEG XS Part-1 AMD 1 WD ● JPEG XS Part-4 DoCR on DIS ballot and IS Study text ● JPEG XS Part-5 DoCR on CD ballot and DIS Study text

Meetings	<ul style="list-style-type: none"> • Online meeting on Wednesday 2019-05-15, 9:00-10:30am CEST • Additional online meetings may be scheduled as required. • AHG meeting on 2019-07-14 to be held in Brussels (BE).
How to join	<p>E-mail reflector: jpeg-xs@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-xs-list.jpeg.org or in case of problems contact lists@jpeg.org.</p>

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	<ul style="list-style-type: none"> • JPEG XT Part-1 AMD 1 <ul style="list-style-type: none"> ○ Review Summary of Voting when available ○ Prepare DoCR candidate ○ Prepare study text for 2nd edition of JPEG XT Part 1 • JPEG XT Part-8 AMD 1 <ul style="list-style-type: none"> ○ Review Summary of Voting when available ○ Prepare DoCR candidate ○ Prepare study text for 2nd edition of JPEG XT Part 8
Deliverables	<ul style="list-style-type: none"> • JPEG XT Part-1 draft DoCR • JPEG XT Part-1 Study text for 2nd edition • JPEG XT Part-8 draft DoCR • JPEG XT Part-8 Study text for 2nd edition
Meetings	<ul style="list-style-type: none"> • Online meeting may be scheduled as required.
How to join	<p>E-mail reflector: jpeg-xt@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-ex-list.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Communication
Status	Moderated
Name	Ad Hoc Group on JPEG Website and Sponsorships
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Antonio Pinheiro (pinheiro@ubi.pt)
Mandates/ Objectives	<ul style="list-style-type: none"> • Follow up completion of document archive transfer with ISO • Prepare new mailing list server for production • Maintain JPEG website and update content • Publish updated blockchain white paper and workshop proceedings

	<ul style="list-style-type: none"> ● Publish JPEG Pleno Holography Workshop proceedings ● Publish 4th JPEG Workshop on Media Blockchain announcement (Brussels) ● Publish updated logos and prepare new section for JPEG XL ● Publish the press release & 84th JPEG meeting calling notice ● Prepare sponsorship proposal
Deliverables	<ul style="list-style-type: none"> ● Sponsorship proposal
Meetings	<ul style="list-style-type: none"> ● Online meeting may be scheduled as required.
How to join	<p>E-mail reflector: jpeg-website@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-website-list.jpeg.org or in case of problems contact lists@jpeg.org</p>

Subgroup	Coding, Test and Quality
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Light Field
Chair	Cristian Perra (cperra@ieee.org)
Co-chair	Eduardo da Silva (eduardo@smt.ufjf.br)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Run core experiments defined during the 83rd JPEG meeting: see document: "WG1N83028" ● Finalize CD 2.0 of JPEG Pleno Part 1 by 2019-04-05 ● Prepare text of DIS for JPEG Pleno Part 1 ● Prepare text of DIS for JPEG Pleno Part 2 ● Prepare text of WD for JPEG 2000 Part 17 ● Prepare White Paper on JPEG Pleno ● Maintain and update Verification Model software ● Collect new test data
Deliverables	<ul style="list-style-type: none"> ● CD 2.0 of JPEG Pleno Part 1 by 2019-04-05 ● JPEG Pleno Core Experiments #7 Report ● Draft text of DIS for JPEG Pleno Part 1 ● Draft text of DIS for JPEG Pleno Part 2 ● Draft text of WD for JPEG 2000 Part 17 ● Draft text of the White Paper on JPEG Pleno ● Updated Verification Model software
Meetings	<ul style="list-style-type: none"> ● Regular teleconference meeting(s) will be planned after consultation of the JPEG Pleno AhG members ● AhG Meeting on 2019-07-14 in Brussels, Belgium
How to join	<p>E-mail reflector: jpeg-pleno@jpeg.org jpeg-pleno@googlegroups.com</p> <p>To subscribe to the reflector, please visit http://jpeg-pleno-list.jpeg.org or in case of problems contact lists@jpeg.org</p> <p>NOTE: this reflector has moved to Google Groups, all members should resubscribe! To send to the old reflector please use jpeg-pleno@listserv.vub.ac.be</p>

Subgroup	Requirements
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Status	Public
Name	Ad Hoc Group on JPEG Pleno - Point Cloud
Chair	Stuart Perry (stuart.perry@uts.edu.au)
Co-chair	
Mandates/ Objectives	<ul style="list-style-type: none"> ● Identify and select existing solutions as a starting point for understanding the potential contribution of a JPEG Pleno PCC solution. ● Evaluate solutions against the current JPEG PCC requirements. ● Based on the evaluation of solutions, select the set of requirements that will be the current focus of JPEG PCC activities. ● Revise the Common Test Conditions document for JPEG PCC focusing on the selected set of requirements (coding conditions, rate points, objective metrics, subjective assessment protocols, anchors). ● Apply and validate the CTC protocols for all these conditions on the selected anchors.
Deliverables	<ul style="list-style-type: none"> ● Revised Common Test Conditions document. ● Report on the performance of point cloud coding solutions that meet the current JPEG PCC requirements.
Meetings	<ul style="list-style-type: none"> ● AhG meeting in Brussels on 2019-07-13. ● An online meeting will be scheduled for 2019-04-08 and other online meetings will be scheduled as required.
How to join	<p>E-mail reflector: jpeg-pointcloud@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-pointcloud-list.jpeg.org or in case of problems contact lists@jpeg.org</p>

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	<ul style="list-style-type: none"> ● Update Use Cases and Requirements document on JPEG Pleno Holography; ● Prepare draft Common Test Conditions (CTC) on JPEG Pleno Holography; ● Manage and execute Exploration Studies 4.0 as contained in WG1N83059; ● Maintain the numerical reconstruction software for holography; ● Collect new test data for holographic microscopy and tomography.
Deliverables	<ul style="list-style-type: none"> ● Updated Use Cases and Requirements document on JPEG Pleno Holography; ● Draft Common Test Conditions (CTC) document on JPEG Pleno Holography; ● Report on Exploration Studies 4.0; ● Updated version of numerical reconstruction software for holography; ● New test data.

Meetings	<ul style="list-style-type: none"> At least three teleconference meetings will be planned after consultation of the JPEG Pleno Holography AhG members
How to join	<p>E-mail reflector: jpeg-holo@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-holo-list.jpeg.org or in case of problems contact lists@jpeg.org</p>

Subgroup	Coding, Test and Quality
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	<ul style="list-style-type: none"> Prepare candidate CD of AMD1 to ISO/IEC 15444-4:2004 (HTJ2K Conformance Testing) Prepare candidate CD of AMD1 to ISO/IEC 15444-5:2015 (HTJ2K Reference Software) Maintain HTJ2K Gitlab repository
Deliverables	<ul style="list-style-type: none"> Candidate CD of AMD1 to ISO/IEC 15444-4:2004 (HTJ2K Conformance Testing) Candidate CD of AMD1 to ISO/IEC 15444-5:2015 (HTJ2K Reference Software)
Meetings	<ul style="list-style-type: none"> AHG meeting on 2019-07-14 in Brussels, Belgium Online meetings will be scheduled as required.
How to join	<p>E-mail reflector: jpeg-htj2k@jpeg.org</p> <p>In order to subscribe to the mailing list, you simply have to send an (empty) email to jpeg-htj2k@jpeg.org and follow the steps of the e-mail being received.</p>

Subgroup	Coding, Test and Quality
Status	Public
Name	Ad Hoc Group on JPEG XL
Chair	Jan Wassenberg (janwas@google.com)
Co-chair	Jon Sneyers (jon@cloudinary.com)
Mandates/ Objectives	<ul style="list-style-type: none"> Continue development of verification model software (XLM) Perform Core Experiments 3.0 as contained in WG1N83064 Prepare updated Common Test Conditions document. Prepare study text of JPEG XL Committee Draft Provide content for the JPEG XL section on the JPEG website Collect test data for animated image sequences
Deliverables	<ul style="list-style-type: none"> Updated XLM software Report on Core Experiments 3.0 Updated Common Test Conditions document.

	<ul style="list-style-type: none"> • Study text of JPEG XL Committee Draft • JPEG XL content for JPEG website • Test data for animated image sequences
Meetings	<ul style="list-style-type: none"> • AHG meeting in Brussels on 2019-07-13 and 2019-07-14 • Interim meeting on May 23-24, 2019, location: Brussels. • At least three teleconference meetings will be planned after consultation of the JPEG XL AhG members
How to join	<p>E-mail reflector: jpeg-xl@jpeg.org jpeg-xl@googlegroups.com</p> <p>To subscribe to the reflector, please visit http://jpeg-xl-list.jpeg.org or in case of problems contact lists@jpeg.org</p> <p>NOTE: this reflector has moved to Google Groups, all members should resubscribe! To send to the old reflector please use jpeg-xl@listserv.vub.ac.be</p>

Subgroup	Coding, Test and Quality
Status	Moderated
Name	Ad Hoc Group on JPEG best practices
Chair	Antonin Descampe (a.descampe@intopix.com)
Co-chair	Jan Wassenberg (janwas@google.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Devise a strategy for maintenance of Gitlab WG1 repositories and define associated management guidelines • Explore tools and create guidelines for collaborative work on drafting standards
Deliverables	<ul style="list-style-type: none"> • Draft WG1 software maintenance best practices document • Draft document on collaborative standard editing
Meetings	<ul style="list-style-type: none"> • Online meeting may be scheduled as required.
How to join	<p>E-mail reflector: jpeg-bp@jpeg.org or jpeg-bp@googlegroups.com</p> <p>To subscribe to the reflector, please visit http://jpeg-bp-list.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Blockchain and Distributed Ledger Technologies
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Changjin Koo (ycjkoo@fasoo.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Update the white paper: <ul style="list-style-type: none"> ○ Add use cases related to registering and referencing JPEG images in a blockchain ○ Add any potential use cases beyond the scope of JPEG Privacy and Security that can be added?

	<ul style="list-style-type: none"> ● Prepare workshop on media blockchain in Brussels on 16/07 (organisers: Frederik Temmermans, Changjin Koo, Touradj Ebrahimi, Takaaki Ishikawa, Fernando Pereira, Deepayan Bhowmik) <ul style="list-style-type: none"> ○ Invite speakers and define the workshop program ○ Coordinate with the webmaster to publish announcement on jpeg.org ● Create draft document with potential additional informative and/or normative specifications within JPEG ● Engage with community to get more people involved in the media blockchain activities
Deliverables	<ul style="list-style-type: none"> ● Revision of the white paper ● 4th workshop announcement ● Draft document with potential additional informative and/or normative specifications within JPEG
Meetings	<ul style="list-style-type: none"> ● AhG online meeting on 3PM (CEST) 2019-04-18 to discuss workshop preparation and white paper, and other items as agreed; ● AhG online meeting on 3PM (CEST) 2019-05-27 to discuss workshop preparation and white paper, and other items as agreed; <p>Additional online meeting(s) may be scheduled as required.</p>
How to join	<p>E-mail reflector: jpeg-blockchain@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-blockchain-list.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Learning-based Image Coding
Chair	João Ascenso (joao.ascenso@lx.it.pt)
Co-chair	Pinar Akyazi (pinar.akyazi@epfl.ch)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Define Common Test Conditions for learning-based image coding consisting of: <ul style="list-style-type: none"> ○ training, validation and test datasets, ○ a subjective quality evaluation procedure, ○ a set of objective metrics, ○ a set of anchors for comparison; ● Perform explorative studies with learning-based image codecs; ● Disseminate the results of the activities of this AhG group to interested parties.
Deliverables	<ul style="list-style-type: none"> ● Draft document on Common Test Conditions ; ● Data sets for the evaluation of learning-based image coding solutions; ● Report on learning-based image coding using the common test conditions.
Meetings	<ul style="list-style-type: none"> ● Online meeting 2019-05-07 at 17:00 CEST ● AhG meeting in Brussels on 2019-07-14. ● Other online meetings will be scheduled as required.
How to join	<p>E-mail reflector: jpeg-ai@jpeg.org jpeg-ai@googlegroups.com</p> <p>To subscribe to the reflector, please visit http://jpeg-ai-list.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Systems & Integration
Status	Public
Name	Ad Hoc Group on JPEG Systems
Chair	Andy Kuzma (andy.kuzma@intel.com)
Co-chair	Frederik Temmermans (ftemmerm@etrovub.be)
Mandates/ Objectives	<ul style="list-style-type: none"> • Complete the DIS text for JPEG Systems 19566 Part 4 within the editing period ending on 2019-04-08; • Prepare amendments to Part 5 to support embedding of mixed image stream types; • Prepare amendments to Part 6 to support additional functionalities; • Create working draft for Part 7 (JLINK); • Work with JPEG Pleno Light Field to align file formats; • Develop guidelines for a software implementation of Parts 4,5, 6, and 7; • Develop a draft white paper on JPEG Systems for review at 84th meeting; • Disseminate JPEG Systems activities, as needed; • Provide updated content for JPEG website to JPEG Webmaster, as needed.
Deliverables	<ul style="list-style-type: none"> • JPEG Systems 19566 Part 4 DIS text submitted for ballot following editing period; • Proposed amendments to text for Part 6; • Proposed amendments to text for Part 5; • Working draft for Part 7; • Proposed guidelines for a software implementation of Parts 4, 5, 6, 7; • Draft JPEG Systems white paper; • Updated content for JPEG website; • Overview of dissemination activities.
Meetings	<ul style="list-style-type: none"> • AhG online meeting on 3PM (CEST) 2019-04-04 to review DIS texts of Part 4; • AhG online meeting on 3PM (CEST) 2019-05-16 on software implementation and draft Part 7; • AhG online meeting on 3PM (CEST) 2019-06-27 on amendments for Part 5 and Part 6, and draft Part 7; • Other online interim meetings as determined by the AhG; • AhG meeting in Brussels on 2019-07-14.
How to join	<p>E-mail reflector: jpeg-systems@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-systems-list.jpeg.org or in case of problems contact lists@jpeg.org</p>

Subgroup	Systems & Integration
Status	Public
Name	Ad Hoc Group on IANA Registrations
Chair	Gary Sullivan (garysull@microsoft.com)
Co-chair	Pierre-Antony Lemieux (pal@sandflow.com)

<p>Mandates/ Objectives</p>	<ul style="list-style-type: none"> ● Process the following media type registration requests <p>Media type: image/jxr Published standards: Rec. ITU-T T.832 (08/2016, with Erratum 1 03/2017) and ISO/IEC 29199-2:2012/Amd.1:2017</p> <p>Media types: image/jxrA and image/jxrS Draft standard: Rec. ITU-T T.832 (v4) ISO/IEC 29199-2:2012/DAM 3</p> <p>Media types: image/jph and image/jphc Draft standard: ISO/IEC DIS 15444-15 and WG1N82010</p> <p>Media types: image/hej2k and image/hsj2 Draft standard: ISO/IEC DIS 15444-16 and WG1N82063</p> <p>Media types: image/jxs, image/jxsi, image/jxss and image/jxsc Draft standard: ISO/IEC DIS 21122-3 and WG1N82033</p>
<p>Deliverables</p>	<ul style="list-style-type: none"> ● Media type registrations for the submissions above.
<p>Meetings</p>	<ul style="list-style-type: none"> ● Online meetings will be scheduled as required.
<p>How to join</p>	<p>E-mail reflector: jpeg-iana@jpeg.org jpeg-iana@googlegroups.com</p> <p>To subscribe to the reflector, please visit http://jpeg-iana-list.jpeg.org or in case of problems contact lists@jpeg.org</p>