

**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 82nd JPEG meeting

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Final

REQUESTED ACTION: For information

DISTRIBUTION: Public

Contact:

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LIST OF AHGS ESTABLISHED AT 82ND JPEG MEETING

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](#)
6. [Ad Hoc Group on JPEG Pleno – Holography](#)
7. [Ad Hoc Group on High Throughput JPEG 2000 \(HTJ2K\)](#)
8. [Ad Hoc Group on JPEG XL](#)
9. [Ad Hoc Group on Blockchain and Distributed Ledger Technologies](#)
10. [Ad Hoc Group on Learning-based Image Coding](#)
11. [Ad Hoc Group on JPEG Systems 4-5-6](#)
12. [Ad Hoc Group on IANA Registrations](#)

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"> ● JPEG XS Part 3 <ul style="list-style-type: none"> ○ Prepare study document including updated mime-type registration ● JPEG XS Part 5 <ul style="list-style-type: none"> ○ Fix remaining open issues with XSM on GitLab : https://gitlab.com/wg1/jpeg-xsm/issues ○ Clarify licensing terms for XSM in preparation of Reference SW ○ Prepare CD candidate as input document for the Geneva meeting ● Experiments <ul style="list-style-type: none"> ○ Run Exploration Study on Sensor Compression as described in document WG1N82031 ○ Run Core Experiment on Low-Latency SW implementation as described in document WG1N82032 ● Finalize JPEG XS White Paper by 2019-02-11 and make it available on JPEG website
Deliverables	<ul style="list-style-type: none"> ● JPEG XS Part 3 FDIS study document ● Results of Exploration Study on sensor compression ● Results of Core Experiment on Low-Latency SW implementation ● CD candidate for Part 5 ● JPEG XS White paper
Meetings	<ul style="list-style-type: none"> ● Online meeting may be scheduled as required.
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 .
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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-xt-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 LiveLink
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Antonio Pinheiro (pinheiro@ubi.pt)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Finalise document archive transfer ● Test new mailing list server and prepare for production ● Maintain JPEG website and update content ● Publish updated blockchain white-paper ● Publish announcement for 3rd JPEG workshop on media blockchain (Geneva) ● Publish announcement for workshop on JPEG Pleno Holography (Geneva) ● Publish the press release & calling notice ● Prepare sponsorship proposal
Deliverables	<ul style="list-style-type: none"> ● Sponsorship proposal
Meetings	

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
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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.ufrj.br)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Run exploration studies defined during the 82nd JPEG meeting: see document: WG1N82044 ● Run core experiments defined during the 82nd JPEG meeting: see document: WG1N82045” ● Maintain and update Verification Model software ● Prepare text of CD 2.0 for JPEG Pleno Part 1 ● Finalize text of CD for JPEG Pleno Part 2 (deadline 2019-02-15)
Deliverables	<ul style="list-style-type: none"> ● JPEG Pleno Exploration Studies 4.0 Report ● JPEG Pleno Core Experiments 6.0 Report ● Proposed text of CD2.0 for JPEG Pleno Part 1 ● 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 Meetings on 2019-03-16 (pm) and 2019-03-17 in Geneva, Switzerland
How to join	E-mail reflector: jpeg-pleno@jpeg.org jpeg-pleno@googlegroups.com To subscribe to the reflector, please visit http://jpeg-pleno-list.jpeg.org or in case of problems contact lists@jpeg.org 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

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Point Cloud
Chair	Antonio Pinheiro (pinheiro@ubi.pt)
Co-chair	Stuart Perry (stuart.perry@uts.edu.au)
Mandates/ Objectives	<ul style="list-style-type: none"> ● To assess the current coding solutions that provide scalability and random access. ● To define the common test conditions for Point Cloud coding: <ul style="list-style-type: none"> ○ complete the document. ○ define required software packages for objective quality assessment and rendering. ○ define methodology to generate the anchors

	<ul style="list-style-type: none"> To prepare a draft of a Call for Evidence on Point Cloud coding
Deliverables	<ul style="list-style-type: none"> Report on the assessment of coding solutions that provide scalability and random access. Common test conditions document.
Meetings	<ul style="list-style-type: none"> AhG meeting in Geneva on 2019-03-16. 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"> Prepare draft white paper on JPEG Pleno Holography; Prepare use case and requirements document on JPEG Pleno Holography; Manage and execute Exploration Studies 3.0 as contained in WG1N82043; Collect new test data for holographic microscopy and tomography; Prepare and organize JPEG Pleno Holography workshop on 2019-03-19 in Geneva.
Deliverables	<ul style="list-style-type: none"> Draft white paper on JPEG Pleno Holography; Draft text for use case and requirements document on JPEG Pleno Holography; Report on Exploration Studies 3.0; New test data
Meetings	<ul style="list-style-type: none"> At least two online meetings will be scheduled after consultation on the E-mail reflector.
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"> Improve WD of AMD1 to ISO/IEC 15444-5:2015 (HTJ2K Reference Software) Improve WD of AMD1 to ISO/IEC 15444-4:2004 (HTJ2K Conformance Testing) Maintain HTJ2K Gitlab repository

Deliverables	<ul style="list-style-type: none"> Updated WD of AMD1 to ISO/IEC 15444-5:2015 (HTJ2K Reference Software) Updated WD of AMD1 to ISO/IEC 15444-4:2004 (HTJ2K Conformance Testing)
Meetings	<ul style="list-style-type: none"> AHG meeting on 2019-03-17 in Geneva, Switzerland 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"> Establish common code base (XLM) by 2019-03-05 Run core experiments defined during the 82nd JPEG meeting: see document: WG1N82059 Run exploration studies defined during the 82nd JPEG meeting: see document: WG1N82060 Prepare draft text of JPEG XL Working Draft 2.0 Contribute to the discussion on JPEG software repository Discuss and propose template for contribution to core experiments and exploration studies Prepare common test conditions
Deliverables	<ul style="list-style-type: none"> XLM software Draft text of JPEG XL Working Draft 2.0 Report on exploration studies and core experiments Common Test Conditions document
Meetings	<ul style="list-style-type: none"> AHG meeting in Geneva on 2019-03-16 and 2019-03-17 Teleconference meetings: <ul style="list-style-type: none"> XLM 2019-03-05, 15:30-16:30 CET Other meetings will be scheduled via email reflector
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	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"> ● Improve the white paper on Blockchain ● Prepare for the JPEG workshop on media blockchain in Geneva on 2019-03-20 (organisers: Frederik Temmermans, Changjin Koo, Fernando Pereira, Takaaki Ishikawa) <ul style="list-style-type: none"> ○ Invite speakers and define the workshop program ○ Coordinate with the webmaster to publish announcement on jpeg.org ● Engage with community to get more experts involved in the media blockchain activities
Deliverables	<ul style="list-style-type: none"> ● Revision of the white paper on blockchain ● 3rd workshop announcement
Meetings	<ul style="list-style-type: none"> ● AhG online meeting on 3PM (CET) 2019-02-13 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"> ● Collect learning-based image coding solutions from the literature and organize them according to relevant dimensions. ● Gather software implementations when available. ● Design exploration studies on learning-based image coding. ● Define data sets for the exploration studies. ● Define appropriate image quality subjective evaluation procedures and objective evaluation metrics. ● Disseminate the activities of this AHG group to interested parties.
Deliverables	<ul style="list-style-type: none"> ● Report the collected learning-based image coding solutions ● List of available software for image coding solutions ● Data sets for the evaluation of learning-based image coding solutions
Meetings	<ul style="list-style-type: none"> ● 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 4-5-6
Chair	Andy Kuzma (andy.kuzma@intel.com)
Co-chair	Frederik Temmermans (ftemmerm@etrovub.be)
Mandates/ Objectives	<ul style="list-style-type: none"> • Complete the FDIS text for JPEG Systems 19566 Part 5 within the editing period ending on 2019-02-25; • Complete the FDIS text for JPEG Systems 19566 Part 6 within the editing period ending on 2019-02-25; • Prepare DIS-ready text for JPEG Systems 19566 Part 4; • Develop usage examples for Annex B of 19566 Part 4; • Prepare a proposed ISO/IEC 24800-2 (2nd ed.) consolidating AMD1 and AMD2; • Prepare extensions to Part 6 to support additional functionalities beyond 360; • Work with JPEG Pleno Light Field to align file formats; • Develop guidelines for a software implementation of Parts 4,5, and 6; • Disseminate JPEG Systems activities; • Provide updated content for JPEG Website to JPEG Webmaster.
Deliverables	<ul style="list-style-type: none"> • JPEG Systems 19566 Part 5 FDIS text submitted for ballot; • JPEG Systems 19566 Part 6 FDIS text submitted for ballot; • DIS-ready proposal for 19566 Part 4 including Annex B with usage examples; • FDIS-ready proposal for ISO/IEC 24800-2 (2nd ed.); • Proposed extensions to Part 6 to support additional functionalities beyond 360; • Proposed guidelines for a software implementation of Parts 4, 5, 6; • Updated content for JPEG Website; • Overview of dissemination activities.
Meetings	<ul style="list-style-type: none"> • AhG online meeting on 3PM (CET) 2019-02-12 to review FDIS texts of Part 5 & 6, and other items as agreed; • AhG online meeting 3PM (CET) 2019-03-07 to review progress on DIS text of Part 4, discussion on linked images and other items as agreed; • Other online interim meetings as determined by the AhG; • AhG meeting in Geneva on 2019-03-17.
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-Anthony 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>