

**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 in 81st JPEG Meeting

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Final

**REQUESTED
ACTION:** Information

DISTRIBUTION: Public

Contact:

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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"> ● JPEG XS Part-2 <ul style="list-style-type: none"> ○ Review Summary of Voting of DIS ballot when available and prepare DoCR candidate and IS candidate as input documents of the Lisbon meeting ● JPEG XS Part-4 <ul style="list-style-type: none"> ○ Perform Core Experiment on test codestreams as described in WG1N81030 ○ Finalize JPEG XS Part-4 CD and submit for ballot ○ Review Summary of Voting of CD ballot when available and prepare DoCR candidate and DIS candidate as input documents of the Lisbon meeting. ● JPEG XS Part-5 <ul style="list-style-type: none"> ○ Resolve XSM remaining open issues on GitLab : https://gitlab.com/wg1/jpeg-xsm/issues ○ Clarify licensing terms for XSM version, a candidate to become reference software ○ Prepare CD candidate as input document for the Lisbon meeting ● Sensor compression <ul style="list-style-type: none"> ○ Execute action items according to timeline described in Core Experiments description document WG1N81020 ○ Organize, if needed, an expert viewing session in Lisbon with CE results ● Finalize JPEG XS White Paper

Deliverables	<ul style="list-style-type: none"> ● JPEG XS Part-2 DIS DoCR candidate and IS candidate ● JPEG XS Part-4 CD DoCR candidate and DIS candidate ● JPEG XS Part-5 CD candidate ● Results of Core Experiments 1 on sensor compression ● Proposal for JPEG XS White paper
Meetings	<ul style="list-style-type: none"> ● Online meeting may be scheduled as required. ● AHG meeting on January 20th, 2019, to be held in Lisbon (PT).
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	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	E-mail reflector: jpeg-extensions@jpeg.org To subscribe to the reflector, please visit http://jpeg-extensions-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	<ul style="list-style-type: none"> ● Finalize document archive transfer ● Follow up email reflector issues

	<ul style="list-style-type: none"> ● Maintain JPEG website and update content ● Publish updated blockchain white paper ● Publish 2nd blockchain workshop announcement (Lisbon) ● Publish the press release ● Prepare sponsorship proposal ● Propose updates for WG1 structure web page and terms of reference document for inclusion in SC29 Website
Deliverables	<ul style="list-style-type: none"> ● Sponsorship proposal ● Proposed WG1 terms of reference document ● Proposed web page for WG1 structure
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

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 81st JPEG meeting: see document: WG1N81050 ● Run core experiments defined during the 81st JPEG meeting: see document: WG1N81051 ● Refine file format and codestream syntax ● Maintain and update Verification Model software ● Prepare text of CD for JPEG Pleno Part 2 ● Prepare text of WD for JPEG 2000 Part 17 focused on disparity coding
Deliverables	<ul style="list-style-type: none"> ● JPEG Pleno Exploration Studies 3.0 Report ● JPEG Pleno Core Experiments 5.0 Report ● Text of CD for JPEG Pleno Part 2 ● Text of WD for JPEG 2000 Part 17
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 2019-1-19 (pm) and 2019-1-20 in Lisbon, Portugal
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 re-subscribe! To send to the old reflector please use jpeg-pleno@listserv.vub.ac.be

Subgroup	Requirements
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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"> ● Identify the potential JPEG scope in the field of Point Cloud coding. ● Creation of a document on Common Test Conditions. ● Design and perform exploration studies based on the defined common test conditions: <ul style="list-style-type: none"> ○ Assessing existing compression technologies. ○ Assessing test sets. ○ Assessing methodologies for subjective evaluation. ○ Assessing models for objective evaluation.
Deliverables	<ul style="list-style-type: none"> ● Draft of Common Test Conditions document. ● Report on the exploration studies.
Meetings	<ul style="list-style-type: none"> ● AhG meeting in Lisbon on 2019-01-19. ● 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 text for draft white paper on JPEG Pleno Holography; ● Manage and execute Exploration Studies 2.0 as contained in WG1N81054; ● Collect new test data for holographic microscopy/tomography; ● Perform strategic analysis on holography use cases and potential standardization roadmap.
Deliverables	<ul style="list-style-type: none"> ● Draft white paper on JPEG Pleno Holography; ● Report on Exploration Studies 2.0; ● 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"> • Create study of ISO/IEC 15444-15 DIS text • Prepare HTJ2K reference software for inclusion in ISO/IEC 15444-5 • Generate HTJ2K conformance codestreams for inclusion in ISO/IEC 15444-4
Deliverables	<ul style="list-style-type: none"> • Study of ISO/IEC 15444-15 DIS text • HTJ2K Reference software for ISO/IEC 15444-5 • HTJ2K Conformance codestreams for ISO/IEC 15444-4
Meetings	<ul style="list-style-type: none"> • Face to face meeting on 2019-01-20 in Lisbon, Portugal • Online meetings will be scheduled as required
How to join	E-mail reflector: jpeg-htj2k@jpeg.org 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.

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on JPEG XL
Chair	Jan De Cock (jdecock@netflix.com)
Co-chair	
Mandates/ Objectives	<ul style="list-style-type: none"> • Establish common code base (XLM) as contained in WG1N81076 with editing period ending on 2018-11-08; • Refine Core experiments as contained in WG1N81073 with a preparation period ending on 2018-11-15; • Refine Exploration Studies as contained in WG1N81074 with a preparation period ending on 2018-11-15; • Perform core experiments and exploration studies; • Produce a JPEG XL proposed Working Draft by 2018-11-29; • Produce a study text for JPEG XL CD • Create a proposed improved version of the JPEG XL requirements.
Deliverables	<ul style="list-style-type: none"> • XLM software by 2018-11-08 • Core experiments description document by 2018-11-15 • Exploration studies description document by 2018-11-15 • JPEG XL proposed Working Draft by 2018-11-29 • Study text of JPEG XL Committee Draft • Proposed draft of JPEG XL requirements • Report on exploration studies and core experiments
Meetings	<ul style="list-style-type: none"> • AHG meeting in Lisbon on 2019-01-19 and 2019-01-20 • Teleconference meeting(s) will be scheduled when appropriate and after

	consultation of the members of the AHG
How to join	E-mail reflector: jpeg-xl@jpeg.org jpeg-xl@googlegroups.com To subscribe to the reflector, please visit http://jpeg-xl-list.jpeg.org or in case of problems contact lists@jpeg.org NOTE: this reflector has moved to Google Groups, all members should re-subscribe! To send to the old reflector please use jpeg-xl@listserv.vub.ac.be

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Blockchain and Distributed Ledger Technologies
Chair	Stephen Swift (kalmantech@yahoo.com)
Co-chair	Frederik Temmermans (ftemmerm@etrovub.be)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Finish the updated white paper within approved editing period ● Publish the updated white paper and disseminate ● Improve the whitepaper notably by including a list of use cases. ● Prepare workshop on media blockchain in Lisbon <ul style="list-style-type: none"> ○ Invite speakers and define the workshop program ○ Coordinate with the webmaster to publish announcement on jpeg.org
Deliverables	<ul style="list-style-type: none"> ● Updated white paper ● Propose revision of white paper including use cases ● 2nd workshop announcement
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	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 CD text for JPEG Systems 19566 Part 4 within the editing period ending on 2018-11-15 ● Develop a proposal incorporate the functionality of JPEG 360 Metadata to extend the functionality to JPEG codecs. ● Develop a metadata proposal in response to the JPEG Pleno Light Field requirements document WG1N81057. ● Determine the industry interest to add signalling for other 360 projection formats.

	<ul style="list-style-type: none"> Review current use cases and requirements related the Image Integrity and update, if needed. Develop the Image Integrity structure to be used within the P&S framework. Disseminate JPEG Systems activities Provide updated content for JPEG Website to JPEG Webmaster Evaluate JPSearch Part 6 and make decision regarding (dis)continuation.
Deliverables	<ul style="list-style-type: none"> JPEG Systems 19566 Part 4 text submitted for ballot with results expected at 82nd JPEG meeting; A proposal to extend metadata functionality for JPEG images. Report on industry interest for signalling additional 360 projections, and summarize results to JPEG Requirements. Updated Image Integrity use cases and requirements document, if needed Input document on Image Integrity technical proposal. Updated content for JPEG Website Guidance to WG1 regarding JPSearch Part 6 (dis)continuation. Overview of dissemination activities.
Meetings	<ul style="list-style-type: none"> AhG online meeting on 3PM (CET) 2018-11-12 for final review of CD text of Part 4, and other items as agreed. AhG online meeting 3PM (CET) 2018-12-13 to review progress on AhG mandates; AhG online meeting 3PM (CET) 2019-01-08 to review progress on AhG mandates; Other online interim meetings as determined by the AhG. AhG meeting in Lisbon on 2019-01-19 and 2019-01-20, for DOCR on Part 4/5/6
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)
Mandates/ Objectives	<ul style="list-style-type: none"> Submit to IANA the final media type registrations defined in the following: 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 Submit to IANA the provisional media type registrations defined in the following: Media types: image/jxrA and image/jxrS Draft standard: Rec. ITU-T T.832 (v4) ISO/IEC 29199-2:2012/DAM 3 Media types: image/jph and image/jphc Draft standard: ISO/IEC DIS 15444-15 Media types: image/hej2k and image/hsj2 Draft standard: ISO/IEC DIS 15444-16 Media types: image/jxs, image/jxsi and image/jxss

	Draft standard: ISO/IEC DIS 21122-3
Deliverables	<ul style="list-style-type: none"> Media type registrations for the submissions above.
Meetings	
How to join	E-mail reflector: jpeg-iana@jpeg.org jpeg-iana@googlegroups.com To subscribe to the reflector, please visit http://jpeg-iana-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	<ul style="list-style-type: none"> Produce proposed DOCR on DIS ballot Produce Study Text for IS Update the reference software implementations as needed
Deliverables	<ul style="list-style-type: none"> Proposed DOCR on DIS ballot Study text for IS Updated reference software implementations
Meetings	
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