

**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 the 79th JPEG meeting,
La Jolla, CA, USA

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Final

**REQUESTED
ACTION:** For information and further distribution

DISTRIBUTION: Public

Contact:

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List of AhGs established at the 79th JPEG meeting in La Jolla, CA, USA

1. [Ad Hoc Group on JPEG XS](#)
2. [Ad Hoc Group on JPEG Website and LiveLink](#)
3. [Ad Hoc Group on JPEG Pleno - Light Field](#)
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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	<ul style="list-style-type: none"> ● XSM Test Model <ul style="list-style-type: none"> ○ move svn repository to gitlab ○ Release new version of XSM (consistent with DIS) ○ Re-run analysis of discrepancies between Rio version and DIS version ● JPEG XS Part-2 CD <ul style="list-style-type: none"> ○ Final editing of ISO/IEC 21122-2 CD, contained in wg1n79011 ○ Upload and submit for ballot at the end of the editing period ● JPEG XS Part-3: Produce a CD candidate for JPEG XS-Part 3. ● Gather inputs on sensor compression, as described in Requirements report wg1n79009 ● Buffer Model Core Experiment <ul style="list-style-type: none"> ○ Finalize editing of Buffer Model CE description, as described in wg1n79019 ○ Perform Core Experiment, following timeline detailed in wg1n79019 ● Collect inputs for Part-4 and Part-5 WD
Deliverables	<ul style="list-style-type: none"> ● CD text for JPEG XS Part-2 ● CD candidate for JPEG XS Part-3 ● Input contributions related to sensor compression ● Results of the JPEG XS Buffer Model Core Experiment ● Preliminary draft for Part-4 and Part-5

	<ul style="list-style-type: none"> DIS-consistent XSM release
Meetings	<ul style="list-style-type: none"> Online meeting may be scheduled as required. AhG meeting on July 8th, 2018, to be held in Berlin (DE).
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	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 Update content on the JPEG website Website maintenance Add a folder for defect reports
Deliverables	<ul style="list-style-type: none"> New defect report folder
Meetings	None
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	Zahir Alpaslan (zahir@ostendo.com)
Co-chair	Cristian Perra (cperra@ieee.org)
Mandates/ Objectives	<ul style="list-style-type: none"> Prepare a Common Test Conditions Document; Due on 2018-05-15. Run Exploration Studies defined during the 79th JPEG meeting (WG1N79034). Cross check results for above. Monitor preparation of VM software. Collect additional test data. Prepare text of WD2.0 for JPEG Pleno Part 1.

	<ul style="list-style-type: none"> • Prepare text of WD2.0 for JPEG Pleno Part 2.
Deliverables	<ul style="list-style-type: none"> • Common Test Conditions Document • VM software source code • Text of WD2.0 for JPEG Pleno Part 1 • Text of WD2.0 for JPEG Pleno Part 2
Meetings	<ul style="list-style-type: none"> • Regular teleconference meeting(s) will be held when appropriate and after consultation with JPEG Pleno AHG members and eventual additional test labs.
How to join	<p>E-mail reflector: jpeg-pleno@jpeg.org</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>

Subgroup	Requirements
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	<ul style="list-style-type: none"> • Review the current draft of the “Overview of Point cloud technology”, mainly: <ul style="list-style-type: none"> ◦ Coding chapter ◦ Objective evaluation • Subjective evaluation with the new point clouds datasets of S. Paulo <ul style="list-style-type: none"> ◦ Using different codecs ◦ Multiple displaying methods (PC/Surface Reconstruction, 2D/3D/headset, texture/geometry only, etc.) • Analysis of the objective quality assessment models. • Improve the “use cases” document: <ul style="list-style-type: none"> ◦ New inputs in case they are identified ◦ Identify requirements related to use cases • To attract additional interest from industry and academia.
Deliverables	<ul style="list-style-type: none"> • Proposal for an updated version for WG1N79053 “Overview of Point Cloud Technology” • Proposal for a new document on “Use cases and Requirements for JPEG Pleno Point Cloud”
Meetings	<ul style="list-style-type: none"> • Online meetings when needed • AhG meeting in Berlin on 2018-07-07
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
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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"> • Further mature the “overview of holography” document • Prepare cross verification on numerical reconstruction softwares • Collect new test data (microscopy/tomography/interferometry) • Attract additional interest from industry and academia
Deliverables	<ul style="list-style-type: none"> • Updated “overview of holography” document • New test data
Meetings	<ul style="list-style-type: none"> • WebEx meetings when needed
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	Moderated
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"> • Perform core experiment #1 (WG1N79023). • Study improvements to ISO/IEC 15444-15 WD • Study the mapping of HTJ2K codestreams (ISO/IEC 15444-15 WD) into ISO/IEC 14496-12 • Prepare collateral announcing the CD ballot of ISO/IEC 15444-15 • Study the definition of profiles, including profiles based on profiles defined in ISO/IEC 15444-1:2016.
Deliverables	<ul style="list-style-type: none"> • Core experiment #1 results • Report on proposed improvements to ISO/IEC 15444-15 WD • Report on the mapping of HTJ2K codestreams (ISO/IEC 15444-15 WD) into ISO BMFF (ISO/IEC 14496-12) • Report on proposed marketing collateral announcing the CD ballot of ISO/IEC 15444-15, including but not limited to press release and website text • Report proposing profiles for inclusion in ISO/IEC 15444-15
Meetings	<ul style="list-style-type: none"> • Online meetings, including but not limited to: on 26-04-2018 and as specified in WG1N79023 • AhG meeting in Berlin on 2018-07-08
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	Systems & Integration
Status	Public
Name	Ad Hoc Group on 360 Metadata
Chair	Andy Kuzma (andy.kuzma@intel.com)
Co-chairs	Junichi Hara (waverz@jp.ricoh.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • By 2018-05-10, submit the CD on Part 6 for JPEG 360 Metadata after the editing period; • Coordinate with CD editing on Part 5 for JUMBF; • Gather use cases and requirements for Berlin working sessions on future capabilities for JPEG 360;
Deliverables	<ul style="list-style-type: none"> • Proposed use cases and requirements on future capabilities for JPEG 360
Meetings	<ul style="list-style-type: none"> • CD editing conference calls on 2018-04-30 and 2018-05-08 joint with P&S • Additional online meetings may be scheduled as required, to prepare for Berlin DIS release. • AhG meetings in Berlin on 2018-07-07 and 2018-07-08.
How to join	<p>E-mail reflector: jpeg-360@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-360-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 Study of 360-degree image projection formats
Chair	Seungcheol Choi (choisc@sju.ac.kr)
Co-chairs	Junichi Hara (waverz@jp.ricoh.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Explore various projection formats for 360-degree images; • Study objective measures related to the perceptual quality assessment of 360-degree image projection formats beyond those currently defined in JPEG 360; • Use the above objective metrics to assess distortions caused by converting from one projection format to another;
Deliverables	<ul style="list-style-type: none"> • Report on the result of the evaluations for the projection formats; • Propose alternative projection types to be used in JPEG 360 where appropriate.

Meetings	Online meetings may be scheduled as required.
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	<ul style="list-style-type: none"> • Provide report with anchor results for SDR and HDR/WCG (by 2018-06-04). • Finalize objective and subjective evaluation procedures. • Finalize content selection and anchors, including their configuration. • Finalize objective evaluation framework following the decisions made at the AHG meeting on 2018-06-11. • Prepare and distribute the precise objectives and agenda of the AhG interim meeting on 2018-06-11. • Provide subjective and objective evaluation results for anchors to Berlin meeting
Deliverables	<ul style="list-style-type: none"> • Report with final selection of content, anchors, metrics and description of objective/subjective quality assessment methodologies. • Updated objective evaluation framework reflecting the final content/anchor/metric selection and objective/subjective methodologies.
Meetings	<ul style="list-style-type: none"> • AHG meeting in Brussels on 2018-06-11. • AHG meeting in Berlin on 2018-07-08. • 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 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	<ul style="list-style-type: none"> • Refine objectives for the report on “Blockchain and DLT in JPEG”. • Identify target audience for the report.

	<ul style="list-style-type: none"> • Improve the structure and content of the report. • Disseminate JPEG blockchain activities and attract target audiences.
Deliverables	Updated report on “Blockchain and DLT in JPEG”.
Meetings	Online meeting(s) may be scheduled as required.
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	Systems & Integration
Status	Moderated
Name	Ad Hoc Group on JPEG Privacy & Security, Metadata
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Takaaki Ishikawa (takaxp@ieee.org)
Mandates/ Objectives	<ul style="list-style-type: none"> • Finalise CD of ISO/IEC 19566-5 by 2018-05-10. • Coordinate the work on ISO/IEC 19566-5 with the 360 AHG • Continue work on WD of ISO/IEC 19566-4. • Disseminate JPEG Privacy and Security information. • Follow up discussion of AhG on Blockchain.
Deliverables	<ul style="list-style-type: none"> • Updated WD of ISO/IEC 19566-4 • Overview of dissemination activities
Meetings	<ul style="list-style-type: none"> • CD editing conference calls on 2018-04-30 and 2018-05-08 jointly with 360 • An online meeting with the editors for updating WD • Online meeting(s) may be scheduled as required.
How to join	<p>E-mail reflector: jpeg-privacy@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-privacy-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 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"> • Process the ballot results on CD of 10918-7 • Update the reference software implementations as needed

Deliverables	<ul style="list-style-type: none"> Updated reference software implementations DOCR of CD ballot on 10918-7 DIS study text for ISO/IEC 10918-7
Meetings	<ul style="list-style-type: none"> Online meeting may be scheduled as required.
How to join	<p>E-mail reflector: jpeg-reference@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-reference-list.jpeg.org or in case of problems contact lists@jpeg.org</p>

Subgroup	Systems & Integration
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	
Mandates/ Objectives	<ul style="list-style-type: none"> Continue editing working draft on amendment to JPEG 2000 Part 1; Continue editing draft for amendment to JPEG XR Part 2; Continue discussion on usefulness and if so on how to include JPEG XT in ISO/IEC 23008-12.
Deliverables	<ul style="list-style-type: none"> Revised WD on AMD.2 of 15444-1 Revised WD on AMD.3 of 29199-2 Report on the outcome of the inclusion of JPEG XT in ISO/IEC 23008-12.
Meetings	Online meeting(s) may be scheduled as required.
How to join	<p>E-mail reflector: jpeg-heif@jpeg.org</p> <p>To subscribe to the reflector, please visit http://jpeg-heif-list.jpeg.org or in case of problems contact lists@jpeg.org</p>