**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 101st ISO/IEC JTC 1/SC29/WG1 Meeting, 2023-10-30 to 2023-11-03, Online
SOURCE:	WG1 Convenor
PROJECT:	All WG1 projects
STATUS:	Final
REQUESTED ACTION:	Forward to SC29 Secretariat for appropriate action
DISTRIBUTION:	Public

Contact:
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Ad Hoc Groups establishment

WG1 approved creation of new Ad Hoc Groups as listed below. Meetings by teleconference or Zoom will be scheduled with appropriate notice and in accordance with existing practices.

1. Ad Hoc Group on JPEG Operations

2. Ad Hoc Group on Dissemination

3. Ad Hoc Group on JPEG GMIS

4. Ad Hoc Group on JPEG XE

5. Ad Hoc Group on JPEG Pleno Light Field

6. Ad Hoc Group on JPEG Pleno Holography

7. Ad Hoc Group on JPEG Pleno Point Cloud

8. Ad Hoc Group on Digital Media Storage using DNA

9. Ad Hoc Group on Image Quality Assessment

10. Ad Hoc Group on JPEG 2000

11. Ad Hoc Group on JPEG XS

12. Ad Hoc Group on JPEG XL

13. Ad Hoc Group on JPEG XT and JPEG Reference Software

14. Ad Hoc Group on JPEG AI

15. Ad Hoc Group on JPEG Systems

16. Ad Hoc Group on JPEG Trust

Subgroup	Communication
Mailing list	Moderated
Name	Ad Hoc Group on JPEG Operations
Chair	Frederik Temmermans (frederik.temmermans@vub.be)
Co-chair	Tim Bruylants (t.bruylants@intopix.com)

Mandates/ Objectives	● Maintain the JPEG website and update its contents.
	● Publish the press release & calling notice on the JPEG website.
	● Update the SC29 website with the 101st meeting press release.
	● Update https://plenodb.jpeg.org/ page to list reference to JPEG Pleno Light Field QA dataset.
	● Follow up on upload status and notification of output documents.
	● Update certificates for ds.jpeg.org and plenodb.jpeg.org before 2024-01-12.
	● Update JPEG Operating Manual
	   ○ include improved recommendation templates
	   ○ include guidelines for software coordinators
	   ○ naming conventions
	   ○ how to draft standards using Metanorma
	   ○ management of Gitlab repositories
	● Deploy updated JPEG Operating Manual on ISO Documents and fix broken links in PDF.
	● Publish Proceedings of JPEG Workshop on Event-based Vision on jpeg.org

Deliverables	● Proposed updated JPEG Operating Manual ● Updated JPEG website

Meetings	Online joint AHG meetings with Dissemination on the following dates: ● Thursday, 2023-11-30, 13:00-14:30 UTC ● Thursday, 2024-01-11, 13:00-14:30 UTC Additional online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-website To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Communication
Mailing list	Moderated
Name	Ad Hoc Group on Dissemination
Chair	Antonio Pinheiro (pinheiro@ubi.pt)
Co-chair	Tim Bruylants (t.bruylants@intopix.com)
Mandates/ Objectives	● Review the JPEG Dissemination Slides. ● Update the JPEG Overview Timeline. ● Verify the content of jpeg.org and propose updates if needed. ● Organize the dissemination workshop in the morning of 2024-01-27.
Deliverables	● Proposed updated JPEG Overview Timeline. ● Proposed updates for jpeg.org.
Meetings	Online joint AHG meetings with Operations on the following dates: ● Thursday, 2023-11-30, 13:00-14:30 UTC ● Thursday, 2024-01-11, 13:00-14:30 UTC Additional online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-dissemination To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Requirements
Mailing list	Public
Name	Ad Hoc Group on JPEG GMIS
Chair	Reji Mathew (reji@unsw.edu.au)
Co-chair	Oh-Jin Kwon (ojkwon@sejong.ac.kr)
Mandates/ Objectives	● Improve and prioritize use cases and requirements. ● Identify additional publicly available image datasets for exploration study. ● Perform Exploration Study 5. ● Continue to develop contacts with industry.

Deliverables	● Proposed priorities and updates to Use Cases and Requirements. ● Image sets to extend exploration study. ● Report on Exploration Study 5. ● Report on outcomes of industry engagement.
Meetings	Online AHG meetings on the following dates: ● Tuesday 2023-11-14, 12:00-13:00 UTC ● Tuesday 2023-12-05, 12:00-13:00 UTC ● Tuesday 2024-01-09, 11:30-12:30 UTC Additional online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-gmis To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on JPEG XE (Event-based vision)
Chair	Tim Bruylants (t.bruylants@intopix.com)
Co-chair	Walt Husak (wjh@dolby.com)
Mandates/ Objectives	● Collect more use cases and associated requirements. ● Further define and improve the Common Test Conditions. ● Perform Exploration Experiment 1. ● Analyze SC42's ISO/IEC 5259 suite of standards. ● Refine plan and timeline for potential standardization. ● Prepare Draft Call for Proposals. ● Disseminate the 'Use Cases and Requirements for JPEG XE v1.0' document as contained in WG1N100630.
Deliverables	● New use cases and requirements. ● Proposed updated Common Test Conditions document. ● Report on Exploration Experiment 1. ● Draft Call for Proposals document. ● Updated plan and timeline for standardization.
Meetings	AHG meetings on the following dates: ● Online, Monday 2023-11-13, 18:00-19:00 UTC ● Online, Thursday 2023-12-07, 16:00-17:00 UTC ● Online, Thursday 2023-12-21, 16:00-17:00 UTC ● Online, Wednesday 2024-01-10, 17:00-18:00 UTC ● Face-to-Face, Sunday 2024-01-21, 2 hours, 09:00-11:00 PST Additional online meetings may be scheduled as required with at least one week's notice.
How to join	E-mail reflector: jpeg-xe To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Plenoptic Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG Pleno Light Field
Chair	Carla Pagliari (carla@ime.eb.br)
Co-chair	Saeed Mahmoudpour (saeed.mahmoudpour@vub.be)
Mandates/ Objectives	- Organize 1st JPEG Pleno Light Field Industry online workshop. - Prepare workplan for JPEG Pleno Part 2/Amd 2. - Prepare JPEG Pleno Quality Assessment Verification Model Software. - Execute Core Experiment 3 on JPEG Pleno Quality Assessment. - Plan the next steps for Light Field learning-based coding. - Prepare updated study text for the Working Draft of JPEG Pleno Quality Assessment.
Deliverables	- Proceedings of the 1st JPEG Pleno Light Field Industry online workshop. - Proposed workplan for JPEG Pleno Part 2/Amd 2. - JPEG Pleno Quality Assessment Verification Model Software. - Report on the Core Experiment 3 on JPEG Pleno Quality Assessment. - The next steps of the Light Field Learning-based activity. - Updated study text for the Working Draft of JPEG Pleno Quality Assessment.
Meetings	AHG meetings on the following dates: - Online, Thursday, 2023-11-23, 10:30-12:00 UTC - Online, Thursday, 2023-12-14, 10:30-12:00 UTC - Online, Thursday, 2023-12-21, 10:30-12:00 UTC - Face-to-Face, Sunday, 2024-01-21, 14:00-16:00 PST Additional online meetings will be decided by Doodle poll as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-lightfield To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Plenoptic Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG Pleno Holography
Chair	Kwan-Jung Oh (kjoh@etri.re.kr)
Co-chair	Peter Schelkens (Peter.Schelkens@vub.be)
Mandates/ Objectives	- Manage and execute Core Experiment 9. - Manage and execute Exploration Study 20. - Prepare DOCR for DIS ballot and FDIS documents. - Update Common Test Conditions document and associated CTC software. - Maintain Verification Model Software. - Investigate market evolution and potential future activity for JPEG Pleno Holography.

	● Add holographic test data proposed by ETRI (WG1M101074) and B.com (WG1M101059) to JPEG Pleno Database. ● Collect additional holographic test data.
Deliverables	● Report on Core Experiment 9. ● Report on Exploration Study 20. ● Proposed DOCR for DIS ballot and FDIS documents. ● Proposed updates to Common Test Conditions document and associated CTC software. ● Updated Verification Model Software. ● Report on future activities for JPEG Pleno Holography. ● Holographic test data proposed by ETRI (WG1M101074) and B.com (WG1M101059) in JPEG Pleno Database. ● Additional holographic test data.
Meetings	AHG meetings on the following dates: ● Online, Tuesday, 2023-11-28, 13:00-14:00 UTC ● Online, Wednesday, 2023-12-20, 13:00-14:00 UTC ● Online, Thursday, 2024-01-10, 10:00-12:00 UTC ● Face-to-Face, Sunday, 2024-01-21, 10:00-12:00 PST Additional online meeting times will be decided by Doodle poll as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-holo To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Plenoptic Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG Pleno Point Cloud
Chair	Stuart Perry (stuart.perry@uts.edu.au)
Co-chair	Luis Cruz (lcruz@deec.uc.pt)
Mandates/ Objectives	● Conduct Core Experiment 6. ● Conduct Exploration Study 8. ● Review the CTTC. ● Produce proposed study text of CD 21794-6. ● Maintain Verification Model Software. ● Publish CTTC experimental data on JPEG Pleno Database.
Deliverables	● Report on outcomes of Core Experiment 6. ● Report on outcomes of Exploration Study 8. ● Proposed updated JPEG Pleno Point Cloud CTTC document. ● Proposed study text of CD 21794-6. ● CTTC experimental data on JPEG Pleno Database.
Meetings	AHG meeting on the following date: ● Face-to-Face, Sunday, 2024-01-21, 09:00 – 16:00 PST

	Additional online meetings will be scheduled in agreement as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-pointcloud To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Image Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on Digital Media Storage using DNA
Chair	Marc Antonini (am@i3s.unice.fr)
Co-chair	Touradj Ebrahimi (touradj.ebrahimi@epfl.ch)
Mandates/ Objectives	● Perform the design and implementation of the JPEG DNA VM. ● Optimize and crosscheck HiDNA Software. ● Perform JPEG DNA Core Experiment 1. ● Propose an updated JPEG DNA Use Cases and Requirements document. ● Propose an updated JPEG DNA Common Test Conditions document. ● Undertake outreach to involve additional experts in JPEG DNA.
Deliverables	● Proposed JPEG DNA VM software and description. ● Optimized version of HiDNA software and description. ● Report on JPEG DNA Core Experiment 1. ● Proposed JPEG DNA Use Cases and Requirements document. ● Proposed JPEG DNA Common Test Conditions. ● Report on Outreach.
Meetings	Online AHG meetings as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-dna To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Image Coding and Quality
Status	Public
Name	Ad Hoc Group on Image Quality Assessment
Chair	Michela Testolina (michela.testolina@epfl.ch)
Co-chair	Dietmar Saupe (dietmar.saupe@uni-konstanz.de)
Mandates/ Objectives	● Perform Core Experiment 3 on JPEG AIC-3 as contained in document WG1N100651. ● Develop the visual interface for Core Experiment 3.3. ● Prepare WD3 of JPEG AIC-3. ● Update the JPEG AIC-3 dataset with images from JPEG AI. ● Plan the dissemination for JPEG AIC-4 on Objective Image Quality Assessment. ● Prepare the proposed first Draft Call for Proposals on Objective Image Quality Assessment.

Deliverables	• Report on Core Experiment 3 on JPEG AIC-3. • Proposed WD3 of JPEG AIC-3. • Updated JPEG AIC-3 database available on the FTP server. • List of organizations contacted for dissemination of JPEG AIC-4. • Proposed first Draft Call for Proposals on Objective Image Quality Assessment (JPEG AIC-4).
Meetings	AHG meeting on the following date: • Online, Monday, 2023-11-13, 16:30-18:30 UTC • Face-to-Face, Sunday, 2023-01-21, 09:00-11:00 PST Additional online meetings will be decided by Doodle poll with at least one week's notice.
How to join	E-mail reflector: jpeg-aic To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Image Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG 2000
Chair	Pierre-Anthony Lemieux (pal@sandflow.com)
Co-chair	David Taubman (d.taubman@unsw.edu.au)
Mandates/ Objectives	• Propose DIS text for ISO/IEC 15444-16 3rd edition ("J2K in HEIF"). • Maintain GitLab repos, including addressing https://gitlab.com/wg1/htj2k-rs/-/issues/9. • Refine existing guideline documents and develop new guideline documents. • Study new edition of ISO/IEC 15444-9 ("JPIP") to support more modern transport mechanism, e.g., HTTP/3. • Study security considerations for JPX as defined in ISO/IEC 15444-2.
Deliverables	• Proposed DIS text for ISO/IEC 15444-16 3rd edition ("J2K in HEIF"). • Updated HTJ2K GitLab repositories. • Refined guideline documents and propose new guideline documents. • Proposed preliminary WD of ISO/IEC 15444-9 ("JPIP"). • Report on security considerations for JPX including potential next steps.
Meetings	AHG meetings on the following date: • Online, Tuesday, 2023-11-14, 01:00-02:00 UTC • Face-to-Face, Sunday, 2024-01-21, 15:00-18:00 PST Additional online meetings will be decided by Doodle poll with at least one week's notice.
How to join	Email reflector: jpeg-htj2k To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Image Coding and Quality
Mailing list	Moderated
Name	Ad Hoc Group on JPEG XS
Chair	Tim Bruylants (t.bruylants@intopix.com)
Co-chair	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Mandates/ Objectives	- Continue Core Experiment 6 as contained in WG1N100562. - Perform Core Experiment 7 as contained in WG1N100653. - Continue discussion on the 5G use cases and requirements. - Prepare proposed text of CD 21122-4. - Discuss and prepare additional conformance codestreams for 21122-4. - Discuss and propose additional testing tools for 21122-4. - Prepare DOCR for DIS ballot on 21122-2 (if possible). - Prepare DOCR for DIS ballot on 21122-3 (if possible). - Prepare proposed text of IS 21122-2 (if possible). - Prepare proposed text of IS 21122-3 (if possible). - Prepare in-depth paper on JPEG XS Profiling.
Deliverables	- Report on Core Experiment 6. - Report on Core Experiment 7. - Proposed text of CD 21122-4. - Proposed conformance codestreams for 21122-4. - Proposed testing software for 21122-4. - Proposed DOCR for IS ballot on 21122-2. - Proposed DOCR for IS ballot on 21122-3. - Proposed text of IS 21122-2. - Proposed text of IS 21122-3. - Draft text of JPEG XS in-depth paper on profiling.
Meetings	AHG meetings on the following dates: - Online, Thursday, 2023-11-30, 08:00-09:00 UTC - Online, Thursday, 2023-12-21, 08:00-09:00 UTC - Online, Thursday, 2024-01-11, 08:00-10:00 UTC - Face-to-Face, Sunday, 2024-01-21, 2 hours, 14:00-16:00 PST Additional online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-xs To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Image Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG XL
Chair	Jon Sneyers (jon@cloudinary.com)
Co-chair	Moritz Firsching (firsching@google.com)

Mandates/ Objectives	- Maintain reference software. - Prepare DIS of ISO/IEC 18181-3 2nd edition. - Report defects to independent implementers. - Draft an explainer document on HDR and JPEG XL / libjxl. - Propose updates for JPEG XL related pages on www.jpeg.org.
Deliverables	- Updated reference software. - Proposed DIS of ISO/IEC 18181-3 2nd edition. - Draft of explainer document on HDR and JPEG XL / libjxl. - Proposed updates for JPEG XL related pages.
Meetings	AHG meeting on the following date: Face-to-Face, Sunday, 2024-01-21, 10:00-12:00 PST Online meetings may be scheduled as required with at least a one week's notice.
How to join	Email reflector: jpeg-xl To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Image Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG XT and JPEG Reference software
Chair	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Co-chair	Junichi Hara (waver.jp@outlook.com)
Mandates/ Objectives	Check for updates of the reference software implementations.
Deliverables	New reference software if available.
Meetings	Online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-reference To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Coding and Performance for Machines
Mailing list	Public
Name	Ad Hoc Group on JPEG AI
Chair	João Ascenso (joao.ascenso@lx.it.pt)
Co-chair	Elena Alshina (elena.alshina@huawei.com)
Mandates/Objectives	- Perform Core Experiment 6 as contained in WG1N100659. - Integrate the adopted tools and defect fixes of the 101st JPEG meeting in the Integration CE6.1. - Evaluate the performance of the JPEG AI Verification Model after all tools and defect fixes are integrated in CE6.1. - Maintain the JPEG AI Verification Model software.

	● Propose study text of DIS 6048-1. ● Prepare JPEG AI DIS subjective assessment evaluation.
Deliverables	● Results of Core Experiment 6 on JPEG AI. ● JPEG AI VM CE6.1 branch performance evaluation. ● Proposed study text of DIS 6048-1. ● Draft of JPEG AI DIS subjective assessment evaluation plan.
Meetings	AHG meetings on the following dates: ● Online, Wednesday, 2023-11-15, 13:00-16:00 UTC ● Online, Wednesday, 2023-12-06, 13:00-16:00 UTC ● Online, Wednesday, 2023-12-20, 13:00-16:00 UTC ● Online, Wednesday, 2024-01-10, 13:00-17:00 UTC ● Face-to-Face, Sunday, 2024-01-21, 09:00-17:00 PST Additional online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-ai To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Systems and Integration
Mailing list	Public
Name	Ad Hoc Group on JPEG Systems
Chair	Jaime Delgado (jaime.delgado@upc.edu)
Co-chair	Frederik Temmermans (frederik.temmermans@vub.be)
Mandates/ Objectives	● Follow up IANA registration of JUMBF media type for usage as standalone file as part of 19566-5. ● Prepare proposed AMD text of 19566-5 to include standalone JUMBF and compression of JUMBF boxes. ● Prepare proposed AMD text of 19566-6 JPEG 360. ● Prepare proposed AMD text of 19566-7 JLINK. ● Prepare for an amendment of 19566-10 with annexes to include JPEG 360, JLINK and Privacy and Security. ● Transfer JPEG Systems Reference Software to the WG1 Gitlab group.
Deliverables	● Proposed text for 19566-5 2 edition AMD1. ● Proposed text for 19566-6 AMD2. ● Proposed text for 19566-7 AMD1. ● Proposed text for AMD to 19566-10 JPEG Systems Reference Software. ● JPEG Systems Reference Software on WG1 Gitlab group.
Meetings	Online AHG meetings on the following dates: ● Tuesday, 2023-11-28, 13:00-15:00 UTC ● Tuesday, 2024-01-16, 13:00-15:00 UTC

	Additional online meetings may be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-systems
	To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.

Subgroup	Systems and Integration
Mailing list	Public
Name	Ad Hoc Group on JPEG Trust
Chair	Frederik Temmermans (frederik.temmermans@vub.be)
Co-chair	Sabrina Caldwell (sabrina.caldwell@anu.edu.au)
Mandates/ Objectives	- Editorially improve CD text of 21617-1 JPEG Trust Part 1: Core Foundation. - Produce proposed text for DOCR for 21617-1 CD consultation. - Discuss the timeline of further extensions to JPEG Trust and identify potential new parts and amendments. - Improve use cases & requirements for JPEG Trust and discuss potential requirements related to composed media assets. - Identify and invite stakeholders from academia, industry and end-user communities.
Deliverables	- Proposed text for DIS of ISO/IEC 21617-1. - Proposed text for DOCR for CD consultation of ISO/IEC 21617-1. - Proposed updates to the use cases & requirements for JPEG Trust.
Meetings	AHG meetings on the following dates: - Online, Tuesday, 2023-11-14, 12:00-14:00 UTC - Online, Wednesday, 2023-11-29, 12:00-14:00 UTC - Online, Tuesday, 2023-12-12, 12:00-14:00 UTC - Online, Tuesday, 2024-01-09, 12:00-14:00 UTC - Face-to-Face, Sunday, 2024-01-21, 10:00-17:00 PST Additional online meetings will be scheduled as required with at least one week's notice.
How to join	Email reflector: jpeg-fake-media
	To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.