

**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 during the 98th JPEG Meeting,
2023-01-16 to 2023-01-20, Sydney, Australia

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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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 Digital Media Storage using DNA](#)
4. [Ad Hoc Group on JPEG GMIS](#)
5. [Ad Hoc Group on Image Quality Assessment](#)
6. [Ad Hoc Group on Event-based Imaging](#)
7. [Ad Hoc Group on JPEG Pleno Light Field](#)
8. [Ad Hoc Group on JPEG Pleno Holography](#)
9. [Ad Hoc Group on JPEG Pleno Point Cloud](#)
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	<ul style="list-style-type: none"> ● Maintain JPEG website and update content <ul style="list-style-type: none"> ○ Update the About JPEG page ○ Updated project Overview pages ● Publish the press release & calling notice on the JPEG website ● Update the SC29 website with 98th meeting press release ● Update https://plenodb.jpeg.org/ page to list reference to JPEG Pleno Light Field QA dataset ● Follow up upload status and notification of output documents ● Backup and remove output documents from members upload area of 96th meeting ● Make the JPEG XS reference software as published by ISO, available on jpeg.org ● Update certificates for ds.jpeg.org and plenodb.jpeg.org before 2023-03-20 ● Improve access to pages of operating manual from jpeg.org members area ● Update JPEG Operating Manual <ul style="list-style-type: none"> ○ drafting guidelines for editors ○ include improved recommendation templates ○ other improvements/clarifications ○ include guidelines about software coordinators ○ naming conventions ○ how to draft standards using Metanorma ○ management of Gitlab repositories

	<ul style="list-style-type: none"> ○ instructions for remote access to physical meetings ○ network access to Zoom during physical meetings ● Implement access management to WG1 accounts using KeePass ● Follow up 2023 sponsorship program ● Collect the list of the different VM and Reference software coordinators ● Move JPEG contact email addresses to Google Form ● Prepare logo for JPEG Event-based Imaging exploration
Deliverables	<ul style="list-style-type: none"> ● Updated JPEG Operating Manual
Meetings	<p>Online joint AHG meetings with Dissemination on the following dates:</p> <ul style="list-style-type: none"> ● Friday 2023-02-10, 10:00-12:00 UTC ● Friday 2023-03-24, 10:00-12:00 UTC <p>Additional online meetings may be scheduled as required with at least a one week's notice.</p>
How to join	<p>Email reflector: jpeg-website</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

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	<ul style="list-style-type: none"> ● Review the JPEG Dissemination Slides ● Update the JPEG Overview Timeline ● Verify the content of jpeg.org and propose updates if needed
Deliverables	<ul style="list-style-type: none"> ● Proposed updated JPEG Overview Timeline ● Proposed updates for jpeg.org
Meetings	<p>Online joint AHG meetings with Operations AHG on the following dates:</p> <ul style="list-style-type: none"> ● Friday 2023-02-10, 10:00-12:00 UTC ● Friday 2023-03-24, 10:00-12:00 UTC <p>Additional online meetings may be scheduled as required with at least a one week's notice.</p>
How to join	<p>Email reflector: jpeg-dissemination</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
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	<ul style="list-style-type: none"> ● Improve the “Use Cases and Requirements for JPEG DNA, v1.0” document ● Improve the “JPEG DNA Common Test Conditions v1.1” document ● Improve the “JPEG DNA Benchmark Codec v1.0” document ● Update code of the anchors’ software in the JPEG Gitlab ● Update the exploration experiments document ● Carry out exploration experiments according to the CTC and report the results ● Disseminate the Draft Call for Proposals ● Propose update to the Draft Call for Proposals
Deliverables	<ul style="list-style-type: none"> ● Proposed update to “Use Cases and Requirements for JPEG DNA, v1.0” document ● Proposed update to “JPEG DNA Common Test Conditions v1.1” document ● Proposed update to “JPEG DNA Benchmark Codec v1.0” document ● Proposed update to the Software for the proposed anchors ● Results of exploration experiments ● Proposed update to the Draft Call for Proposals
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	Requirements
Mailing list	Public
Name	Ad Hoc Group on JPEG GMIS
Chair	Oh-Jin Kwon (ojkwon@sejong.ac.kr)
Co-chair	Jon Sneyers (jon@cloudinary.com)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Prepare GMIS type 1 compression evidence report ● Perform experiments on the complexity performance of state-of-the-art anchors for type 2 compression ● Prepare GMIS type 2 compression evidence report ● Promote JPEG GMIS activities to encourage participation
Deliverables	<ul style="list-style-type: none"> ● GMIS type 1 compression evidence report ● Report of the complexity experiment on the performance of state-of-the-art anchors of type 2 compression ● GMIS type 2 compression evidence report ● JPEG GMIS promotion activities report
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> ● Tuesday 2023-03-14: 13:00-14:00 UTC ● Tuesday 2023-04-11: 13:00-14:00 UTC <p>Additional online meetings may be scheduled as required with at least one week’s notice.</p>

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 .
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Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Image Quality Assessment
Chair	Michela Testolina (michela.testolina@epfl.ch)
Co-chair	Evgeniy Upenik (evgeniy.upenik@huawei.com)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Perform Exploration Study 1 on JPEG AIC ● Continue the advertisement of the Final Call for Contributions on Subjective Image Quality Assessment ● Oversee the activities regarding the Call for Contributions on Subjective Image Quality Assessment ● Prepare ISO request documents to rename AIC to JPEG AIC
Deliverables	<ul style="list-style-type: none"> ● Report on Exploration Study 1 on JPEG AIC ● Summary of the contributions received for the Call for Contributions on Subjective Image Quality Assessment ● Draft of ISO request documents to rename AIC to JPEG AIC
Meetings	<p>Online AHG meeting on the following date:</p> <ul style="list-style-type: none"> ● Wednesday 2023-02-01, 09.00-10.00 UTC <p>Online meetings will be scheduled in agreement as determined by the AHG with at least one week's notice.</p>
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	Requirements
Status	Public
Name	Ad Hoc Group on Event-based Imaging
Chair	Tim Bruylants (tbr@intopix.com)
Co-chair	Walt Husak (wjh@dolby.com)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Create scope and relevant definitions ● Collect use cases and associated requirements ● Investigate role of JPEG for this data modality ● Propose a plan for potential standardization
Deliverables	<ul style="list-style-type: none"> ● Proposed Draft Use Cases and Requirements document ● Report with proposed plan for potential standardization
Meetings	Online meetings will be scheduled in agreement as determined by the AHG 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 .
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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	<ul style="list-style-type: none"> Plan the 1st JPEG Pleno Light Field Industry online workshop Review the JPEG Pleno Light Field Quality Assessment Common Test Conditions Review the datasets, codestreams, and associated decoded data of the JPEG Pleno Light Field Quality Assessment Database Test the registration and sftp access to the JPEG Pleno Light Field Quality Assessment Database Process the responses to the JPEG Pleno Final Call for Contributions on Subjective Light Field Quality Assessment Further investigate learning-based light field coding solutions
Deliverables	<ul style="list-style-type: none"> Updated JPEG Pleno Light Field Quality Assessment Common Test Conditions Validated datasets, codestreams, and associated decoded data of the JPEG Pleno Light Field Quality Assessment Database Validated access to JPEG Pleno Light Field Quality Assessment Database List the responses to the JPEG Pleno Final Call for Contributions on Subjective Light Field Quality Assessment
Meetings	Online AHG meetings will be decided by doodle poll with at least one week's notice. These meetings will be planned on Thursdays within the timeslot: 10:00-11:30 UTC.
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	<ul style="list-style-type: none"> Manage and execute Core Experiment 6 Manage and execute Exploration Study 17 Update Common Test Conditions document and associated CTC software Maintain Verification Model Software Update study text for DOCR of CD Update study text for DIS Investigate market evolution and potential future activity for JPEG Pleno Holography

	<ul style="list-style-type: none"> Collect additional holographic test data
Deliverables	<ul style="list-style-type: none"> Report on Core Experiment 6 Report on Exploration Study 17 Proposed updates to Common Test Conditions document and associated CTC software Updated Verification Model Software Updated study text for DOCR of CD Updated study text for DIS Report on future activities for JPEG Pleno Holography Additional holographic test data
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> Thursday 2023-02-23 (13:00-14:00 UTC) Thursday 2023-03-09 (13:00-14:00 UTC) Thursday 2023-03-23 (13:00-14:00 UTC) Wednesday 2023-04-19 (13:00-15:00 UTC) Thursday 2023-04-20 (13:00-15:00 UTC) <p>Additional online meetings time will be decided by doodle poll as determined by the AHG with at least one week's notice.</p>
How to join	<p>Email reflector: jpeg-holo</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

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	<ul style="list-style-type: none"> Conduct Core Experiment 3 Review the Common Training and Test Conditions Solicit and select new content for the JPEG Pleno Learning-based Point Cloud Coding test set Promote Call for Content for JPEG Pleno Point Cloud Coding
Deliverables	<ul style="list-style-type: none"> Report on outcomes of Core Experiment 3 Proposed updated JPEG Pleno Point Cloud Common Training and Test Conditions document Report on responses to the Call for Content for JPEG Pleno Point Cloud Coding
Meetings	Online meetings will be scheduled in agreement as determined by the AHG with at least one week's notice.
How to join	<p>Email reflector: jpeg-pointcloud</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Image Coding and Quality
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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	<ul style="list-style-type: none"> ● Maintain HTJ2K GitLab repositories ● Propose updates to the JPEG 2000 pages at jpeg.org
Deliverables	<ul style="list-style-type: none"> ● HTJ2K GitLab repositories ● Updated text and graphics for the Applications and Software tabs of the JPEG 2000 pages at jpeg.org
Meetings	Online interim meetings as determined by the AHG with at least one week's notice.
How to join	<p>Email reflector: jpeg-htj2k</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

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	<ul style="list-style-type: none"> ● Run Core Experiment 4 as specified in WG1N100426 ● Discuss and prepare proposed text of CD 21122-2 ● Discuss and prepare proposed text of WD 21122-3
Deliverables	<ul style="list-style-type: none"> ● CD study text of 21122-2 ● WD study text of 21122-3 ● Results of Core Experiment 4
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> ● Thursday 2023-03-02, 08:00-09:00 UTC ● Thursday 2023-03-16, 08:00-09:00 UTC ● Thursday 2023-04-06, 07:00-08:00 UTC ● Thursday 2023-04-20, 07:00-10:00 UTC <p>Additional online meetings may be scheduled as required with at least a one week's notice.</p>
How to join	<p>Email reflector: jpeg-xs</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

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	<ul style="list-style-type: none"> ● Maintenance of reference software v1.0 ● Prepare DOCR for CD ballot on ISO/IEC 18181-1 2nd Edition ● Prepare DIS study text of ISO/IEC 18181-1 2nd Edition ● Prepare DOCR for CD ballot on ISO/IEC 18181-2 2nd Edition ● Prepare DIS study text of ISO/IEC 18181-2 2nd Edition ● Prepare jpeg.org updates ● Refined study of fixed-point implementation of 18181-1 2nd Edition
Deliverables	<ul style="list-style-type: none"> ● Updated reference software v1.0 ● Study text of DIS of ISO/IEC 18181-1 2nd Edition ● Study text of DIS of ISO/IEC 18181-2 2nd Edition ● Proposed DOCR for CD ballot of ISO/IEC 18181-1 2nd Edition ● Proposed DOCR for CD ballot of ISO/IEC 18181-2 2nd Edition ● Updated text of the JPEG XL pages on jpeg.org ● Report on fixed-point implementation of 18181-1
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> ● Monday 2023-02-13, 08:00 – 10:00 UTC on hardware implementation / fixed-point ● Friday 2023-04-21, 08:00 – 10:00 UTC on DOCR for CD ballot and DIS study text of 2nd editions of 18181-1 and 18181-2 <p>Additional online meetings may be scheduled as required with at least a one week's notice.</p>
How to join	<p>Email reflector: jpeg-xl</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

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	<ul style="list-style-type: none"> ● Maintain reference software ● Prepare DOCR on DIS ballot on ISO/IEC 18477-3 ● Prepare proposed IS text of ISO/IEC 18477-3 ● Prepare DOCR on DIS ballot for ISO/IEC 10918-7 ● Prepare proposed FDIS text of ISO/IEC 10918-7
Deliverables	<ul style="list-style-type: none"> ● New reference software if available ● DOCR on DIS ballot of ISO/IEC 18477-3 ● Proposed IS of ISO/IEC 18477-3 ● DOCR on DIS ballot of ISO/IEC 10918-7 ● Proposed FDIS text of ISO/IEC 10918-7
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 .
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Subgroup	Image Coding and Quality
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	<ul style="list-style-type: none"> ● Manage and execute Core Experiment 3 as contained in WG1N100419. ● Perform a subjective assessment study with the synthetic media test set using JPEG AI VM and anchor codecs, following the JPEG AI CTTC document, and identify suitable objective quality metrics. ● Creation of the JPEG AI test dataset for 10-bit depth precision and adjust test conditions (CTTC) for 10-bit support. ● Maintain JPEG AI VM and integration of the adopted tools and bug fixes. ● Creation of WD2 of JPEG AI.
Deliverables	<ul style="list-style-type: none"> ● Results of Core Experiment 3 on JPEG AI. ● Report on synthetic media subjective evaluation ● JPEG AI test dataset with 10-bit depth precision. ● Proposed revision of JPEG AI CTTC. ● Proposed WD2 of JPEG AI.
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> ● Thursday 2023-02-09, 14:00 – 17:00 UTC ● Thursday 2023-03-09, 14:00 – 17:00 UTC ● Tuesday 2023-04-11, 14:00 – 17:00 UTC ● Wednesday 2023-04-19, 14:00 – 17:00 UTC <p>Additional online meetings may be scheduled as required with at least one week's notice.</p>
How to join	<p>Email reflector: jpeg-ai</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Systems & Integration
Mailing list	Public
Name	Ad Hoc Group on JPEG Systems
Chair	Andy Kuzma (andy.kuzma@intel.com)
Co-chair	Frederik Temmermans (frederik.temmermans@vub.be)

Mandates/ Objectives	<ul style="list-style-type: none"> ● Finalise JPEG Systems White Paper ● Follow up IANA registration of JUMBF media type for usage as standalone file as part of 19566-5 ● Discuss validation procedure of JUMBF reference software ● Update WD of 19566-10 Reference Software ● Prepare reference dataset for P&S, 360, JLINK, and Snack ● Review and update JPEG Systems content on jpeg.org website ● Review JPEG Systems Gitlab structure for reference software ● Verify JPEG codestream parser
Deliverables	<ul style="list-style-type: none"> ● Proposed JPEG Systems White Paper ● Proposed updated WD 19566-10 Reference Software ● Proposed reference dataset for P&S, 360, JLINK and Snack ● Proposed updated JPEG Systems Reference Software
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> ● Tuesday 2023-02-28, 14:00 - 16:00 UTC to review the mandates status ● Tuesday 2023-04-18, 14:00 - 16:00 UTC to review the mandates status and schedule for the 99th online meeting <p>Additional online meetings may be scheduled as required with at least a one week's notice.</p>
How to join	<p>Email reflector: jpeg-systems</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Systems & 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	<ul style="list-style-type: none"> ● Finalise the Updated Report on the JPEG Fake Media Call for Proposals ● Refine the structure for JPEG Trust Part 1: Core Foundation ● Start drafting specification of JPEG Trust Part 1: Core Foundation ● Update the Draft Call for Proposals for JPEG NFT ● Update the Use Cases and Requirements for JPEG NFT document and especially further improve the requirements section ● Identify and invite stakeholders from academia, industry, end-user communities
Deliverables	<ul style="list-style-type: none"> ● Updated Report on the JPEG Fake Media Call for Proposals ● Proposed updated structure for JPEG Trust Part 1: Core Foundation ● Proposed WD of JPEG Trust Part 1: Core Foundation ● Proposed updates to the Draft Call for Proposals for JPEG NFT ● Proposed updates to the Use Cases and Requirements for JPEG NFT
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> ● Thursday 2023-02-02, 21:00-23:00 UTC, JPEG Trust Part 1 ● Thursday 2023-02-16, 07:00-09:00 UTC, JPEG Trust Part 1 ● Thursday 2023-03-02, 13:00-15:00 UTC, JPEG Trust Part 1 & NFT ● Thursday 2023-03-16, 21:00-23:00 UTC, JPEG Trust Part 1

	Additional online meetings will be scheduled as required with at least a 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 .