

**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 97th ISO/IEC JTC 1/SC29/WG1 Meeting,
2022-10-24 to 2022-10-28, Online

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Approved

**REQUESTED
ACTION:** For information

DISTRIBUTION: Public

Contact:

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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 ● Update the About JPEG page ● Publish the press release & calling notice on the JPEG website ● Update the SC29 website with 97th meeting press release ● Publish the 1st JPEG Pleno Subjective Quality Assessment Workshop Proceedings and publish workshop video on YouTube ● Publish the 2nd JPEG Pleno Workshop on Learning-Based Light Field Coding Proceedings and publish workshop video on YouTube ● Update https://plenodb.jpeg.org/ page for 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 93rd, 94th and 95th meetings ● 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 2022-01-10 ● Discuss and complete the naming conventions ● 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 responsables ● Discuss access management to WG1 accounts ● Follow up JPEG AI sponsorship program

	<ul style="list-style-type: none"> Collect the list of the different VM and Reference software responsables
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"> Tuesday 2022-11-15, 12:00-13:30 UTC Tuesday 2023-01-10, 12:00-13:30 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"> Update the JPEG Dissemination Slides Update the JPEG Overview Timeline Propose update of About page on jpeg.org Verify the content of jpeg.org and propose updates if needed
Deliverables	<ul style="list-style-type: none"> Proposed updated JPEG Dissemination Slides Proposed updated JPEG Overview Timeline Proposed update on jpeg.org
Meetings	<p>Online joint AHG meetings with Operations AHG on the following dates:</p> <ul style="list-style-type: none"> Tuesday 2022-11-15, 12:00-13:30 UTC Tuesday 2023-01-10, 12:00-13:30 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 JPEG Fake Media & NFT
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 report on the JPEG Fake Media Call for Proposals Prepare updated JPEG Fake Media requirements compliance tables before 2022-11-17

	<ul style="list-style-type: none"> • Discuss and evaluate the JPEG Fake Media proposals based on the updated requirements compliance tables • Update the Draft Call for Proposals for JPEG NFT in line with the updated evaluation process for JPEG Fake Media • 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"> • Report on the JPEG Fake Media Call for Proposals • Updated JPEG Fake Media consolidated requirements table • Proposed updates to the Proposed 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"> • Friday 2022-11-11, 07:00-09:00 UTC, NFT Draft CfP • Thursday 2022-11-17, 11:00-14:00 UTC, Fake Media evaluation • Monday 2022-11-28, 21:00-00:00 UTC, Fake Media evaluation • Wednesday 2022-12-07, 13:00-16:00 UTC, Fake Media evaluation • Tuesday 2022-12-20, 21:00-00:00 UTC, Fake Media evaluation • Monday 2023-01-09, 21:00-00:00 UTC, Fake Media evaluation <p>Face to face, AHG meeting:</p> <ul style="list-style-type: none"> • Sunday 2023-01-15, 09:00-17:00 AEST at UTS, Sydney, Fake Media evaluation and planning <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-fake-media</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 v1.0” document • Improve the “JPEG DNA Benchmark Codec v1.0” document • Update code of the anchors software in the JPEG Gitlab • Draft the exploration study according to the JPEG template • Carry out exploration study according to the CTC WG1N100327 and report the results • Propose update to the Draft Call for Proposals WG1N100312
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 v1.0” document • Proposed update to “JPEG DNA Benchmark Codec v1.0” document • Proposed updated to the Software for the proposed anchors • Proposed exploration study according to the JPEG template and its results

	<ul style="list-style-type: none"> Proposed update to the Draft Call for Proposals WG1N100312
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 proposed Exploration Study 3 document Merge current CTC and Exploration Study 3 documents into a self-contained Exploration Study 3 document Decide on GMIS test image set licence Perform experiments on the performance of state-of-art anchors of type 2 compression (lossy compression of related multiple images) Promote JPEG GMIS activities to encourage participation
Deliverables	<ul style="list-style-type: none"> Proposed Exploration Study 3 document Publicly available GMIS test image dataset, including licence statement Report of experiments on the performance of state-of-art anchors for type 2 compression List of GMIS stakeholders
Meetings	Online AHG meetings on the following dates: <ul style="list-style-type: none"> Thursday 2022-12-15: 13:00-14:00 UTC Tuesday 2023-01-10: 13:00-14:00 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 Image Quality Assessment
Chair	Evgeniy Upenik (evgeniy.upenik@huawei.com)
Co-chair	Michela Testolina (michela.testolina@epfl.ch)

Mandates/ Objectives	<ul style="list-style-type: none"> • Advertise the Final Call for Contributions on Subjective Image Quality Assessment • Release the final JPEG AIC-3 Dataset on 2022-12-15 • Oversee the activities regarding the Call for Contributions on Subjective Image Quality Assessment
Deliverables	
Meetings	<p>Online AHG meeting on the following date:</p> <ul style="list-style-type: none"> • Thursday 2022-12-01, 09.00-11.00 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	<p>E-mail reflector: jpeg-aic</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 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
Meetings	<p>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.</p>
How to join	<p>Email reflector: jpeg-lightfield</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
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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 5 as contained in WG1N100336 • Manage and execute Exploration Study 16 as contained in WG1N100337 • Update Common Test Conditions document and associated CTC software • Maintain Verification Model Software • Prepare study text for updated CD • Investigate market evolution and potential future activity for JPEG Pleno Holography • Collect additional holographic test data
Deliverables	<ul style="list-style-type: none"> • Report on Core Experiment 5 • Report on Exploration Study 16 • Proposed updates to Common Test Conditions document and associated CTC software • Updated Verification Model Software • Study text for updated CD • 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 2022-11-03 • Thursday 2022-12-01 • Thursday 2022-01-09 <p>Face to face, AHG meeting:</p> <ul style="list-style-type: none"> • Sunday 2023-01-15 [face to face, UTS Sydney] <p>The online meeting times will be decided by doodle poll. Additional online meetings 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@decc.uc.pt)
Mandates/ Objectives	<ul style="list-style-type: none"> • Conduct Core Experiment 2 • Review the Common Training and Test Conditions • Solicit and select new content for the JPEG Pleno Learning-based Point Cloud Coding test set • Create draft Call for Content for JPEG Pleno Point Cloud

	<ul style="list-style-type: none"> Update WD of ISO/IEC 21794-6
Deliverables	<ul style="list-style-type: none"> Report on outcomes of Core Experiment 2 Proposed updated WD of ISO/IEC 21794-6 Proposed updated JPEG Pleno Point Cloud Common Training and Test Conditions document Proposed text for the Call for Content for JPEG Pleno Point Cloud
Meetings	<p>Online meetings will be scheduled in agreement as determined by the AHG with at least one week's notice.</p> <p>Face to face, AHG meeting:</p> <ul style="list-style-type: none"> Sunday 2023-01-15 [face to face, UTS Sydney]
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
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 Finalise DOCR for DIS ballot on ISO/IEC 15444-2 3rd edition Finalise IS of ISO/IEC 15444-2 3rd edition Explore creating guidelines for the use of placeholder passes and HT sets, as specified in ISO/IEC 15444-15
Deliverables	<ul style="list-style-type: none"> HTJ2K GitLab repositories DOCR for DIS ballot on ISO/IEC 15444-2 3rd edition IS of ISO/IEC 15444-2 3rd edition Report on guidelines for the use of placeholder passes and HT sets, as specified in ISO/IEC 15444-15
Meetings	<p>Online interim meetings as determined by the AHG with at least one week's notice.</p> <p>Face to face, AHG meeting:</p> <ul style="list-style-type: none"> Sunday 2023-01-15 [face to face, UTS Sydney]
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 3 as specified in WG1N100320 ● Prepare proposed 21122-1 CD ● Prepare proposed 21122-2 CD ● Prepare 21122-3 WD ● Collect additional content for Core Experiment 3 with the following properties: <ul style="list-style-type: none"> ○ 4:2:2 content with overlays (logos, banners, subtitles) ○ high-frequency screen content (such as containing tables and text) ○ any additional content considered useful for experiments
Deliverables	<ul style="list-style-type: none"> ● CD study text of 21122-1 ● CD study text of 21122-2 ● WD text of 21122-3 ● Results of Core Experiment 3 ● Additional content as described in the mandates
Meetings	<p>Online AHG meetings on the following dates</p> <ul style="list-style-type: none"> ● Thursday 2022-11-24, 08:00-09:00 UTC ● Thursday 2022-12-08, 08:00-10:00 UTC ● Thursday 2022-12-22, 08:00-11:00 UTC <p>Face to face, AHG meeting:</p> <ul style="list-style-type: none"> ● Saturday 2023-01-14 [face to face, UTS Sydney] <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	Jyrki Alakuijala (jyrki@google.com)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Maintenance of reference software 1.0 ● Update of libjxl-tiny to address identified issues ● Continue updating the White Paper ● Prepare study text of CD of ISO/IEC 18181-1 2nd edition ● Prepare study text of CD of ISO/IEC 18181-2 2nd edition <ul style="list-style-type: none"> ○ including IANA registration ● Prepare website updates ● Refined study of fixed-point implementation of 18181-1 ● Organize expert viewing session at 98th meeting
Deliverables	<ul style="list-style-type: none"> ● Updated reference software 1.0 ● Updated libjxl-tiny ● Proposed updated White Paper ● Study text of CD of ISO/IEC 18181-1 2nd edition (in word format)

	<ul style="list-style-type: none"> • Study text of CD of ISO/IEC 18181-2 2nd edition (in word format) • Proposed text for an updated website • Report on the support for fixed-point in 18181-1
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> • Monday 2022-11-28, 12:00-14:00 UTC on libjxl-tiny and hardware implementation • Thursday 2022-12-01, 13:00-14:00 UTC on IANA registration <p>Face to face, AHG meeting:</p> <ul style="list-style-type: none"> • Saturday 2023-01-14 [face to face, UTS Sydney] • Sunday 2023-01-15 [face to face, UTS Sydney] for expert viewing session <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
Deliverables	<ul style="list-style-type: none"> • Potentially new reference software
Meetings	Online meetings may be scheduled as required with at least one week's notice.
How to join	<p>Email reflector: jpeg-reference</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 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"> • Finalize the creation of the JPEG AI synthetic dataset for training of learning-based image coding solutions. • Finalize the Verification Model Software Guidelines • Refine the Verification Model Software Adoption Process. • Revise the JPEG AI CTTC, namely, to include recommended configurations for inference and training of the verification model.

	<ul style="list-style-type: none"> Update QP list for the JPEG AI anchor generation of the JPEG AI test set Identify objective quality metrics for synthetic content that correlate well with human perception. Manage and execute Core Experiment 2 as contained in WG1N100331.
Deliverables	<ul style="list-style-type: none"> JPEG AI synthetic dataset Proposed Verification Model Software Guidelines document Proposed Verification Model Software Adoption Process document Proposed Revision of JPEG AI CTTC document Updated QP list for anchor generation within anchor generation software Results of Core Experiment 2 on JPEG AI
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> Thursday 2022-11-17, 15:00 – 17:00 UTC Thursday 2022-12-15, 12:00 – 15:30 UTC <p>Face to face AHG meeting on the following date:</p> <ul style="list-style-type: none"> Sunday 2022-01-15, UTS Sydney <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 Prepare DOCR in response to CD ballot of 10918-4 2ED (JPEG 1 RA) Prepare DIS of 10918-4 2ED (JPEG 1 RA) Follow up IANA registration of JUMBF media type for usage as standalone file as part of 19566-5 Prepare list of potential enhancements to amend 19566-7 (JLINK) Prepare DOCR in response to CD ballot 19566-9 (Extensions) Prepare DTR text of 19566-9 (Extensions) Cross check JUMBF parsers on the JUMBF reference data Prepare WD1 of 19566-10 Reference Software Prepare reference dataset for P&S, 360, JLINK, and Snack
Deliverables	<ul style="list-style-type: none"> Proposed JPEG Systems White Paper Proposed DOCR text in response to CD ballot of 10918-4 2ED Proposed DIS text of 10918-4 2ED Proposed text for request to amend 19566-7 (JLINK) Proposed DOCR text in response to CD ballot 19566-9 (Extensions) Proposed DTR text of 19566-9 (Extensions) Report on cross checking of JUMBF parsers on reference data Proposed WD1 of 19566-10 (Reference Software) Proposed reference dataset for P&S, 360, JLINK, and Snack

Meetings	Online AHG meetings on the following dates: <ul style="list-style-type: none">• Tuesday 2022-11-29, 14:00 - 16:00 UTC to review the mandates status• Tuesday 2022-12-20, 14:00 - 16:00 UTC to review the mandates status and plan schedule for the 98th Sydney meeting Additional online meetings may be scheduled as required with at least a 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 .