ISO/IEC JTC 1/SC 29/WG 1

(ITU-T SG16)

Coding of Still Pictures

JBIG

Joint Bi-level Image

Experts Group

JPEG

Joint Photographic

Experts Group

TITLE: **JPEG AI: Future Plans and Timeline**

PROJECT: JPEG AI

STATUS: Approved

ACTION: For distribution

DISTRIBUTION: Public

Contact:

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JPEG AI: Future Plans and Timeline

This document describes the future plans and timeline for JPEG AI.

JPEG AI standard shall be structured in the following parts:

PARTS

- Part 1 - Core Coding System
- Part 2 - Profiling
- Part 3 - Reference Software
- Part 4 - Conformance

After JPEG AI Version 1, JPEG AI Version 2 will be initiated with the following scope:

VERSION 1

Version 1 addresses several (but not all) JPEG AI 'core' and 'desirable' requirements with emphasis on compression efficiency as defined in JPEG doc. N100094, Jan. 2022.

VERSION 2

Version 2 will address/include:

1. JPEG AI requirements not yet addressed in Version 1, e.g. related to progressive decoding, processing and computer vision tasks;
2. Significantly improved solutions for JPEG AI requirements already addressed in Version 1, e.g. compression efficiency.

The following timeline is adopted for JPEG AI Version 1 and Version 2:

TIMELINE

JPEG Meeting and Date	Action
99th meeting April 2023	First discussion on JPEG AI Future Plans (including full timeline, version 2) New version of VM
100th meeting	Part 1 CD, Version 1

July 2023	Issuing doc on JPEG AI Future Plans (including full timeline, version 2)
101st meeting October 2023	Part 1 DIS, Version 1 Part 2 CD, Version 1 Revised CTTC doc for version 2 Draft Call for Proposals (addressing processing, CV tasks, and delayed compression reqs)
102nd meeting January 2024	Part 2 DIS, Version 1 Part 3 and 4 CD, Version 1 Final CTTC doc for version 2 Final Call for Proposals (addressing processing, CV tasks, and delayed compression reqs)
103rd meeting April 2024	Part 1 IS, Version 1 Part 3 and 4 DIS, Version 1
104th meeting July 2024	Part 2 IS, Version 1 Presentation and evaluation of proposals
105th meeting October 2024	Part 1 WD, Version 2 Part 3 and 4 DIS, Version 1
106th meeting January 2025	-
107th meeting April 2025	Part 1 CD, Version 2
108th meeting July 2025	Part 1 DIS, Version 2 Part 2 CD, Version 2
109th meeting October 2025	Part 2 DIS, Version 2 Part 3 and 4 CD, Version 2
110th meeting January 2026	Part 1 IS, Version 2 Part 3 and 4 DIS, Version 2
111st meeting April 2026	Part 2 IS, Version 2
112nd meeting July 2026	Part 3 and 4 IS, Version 2