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Comments:

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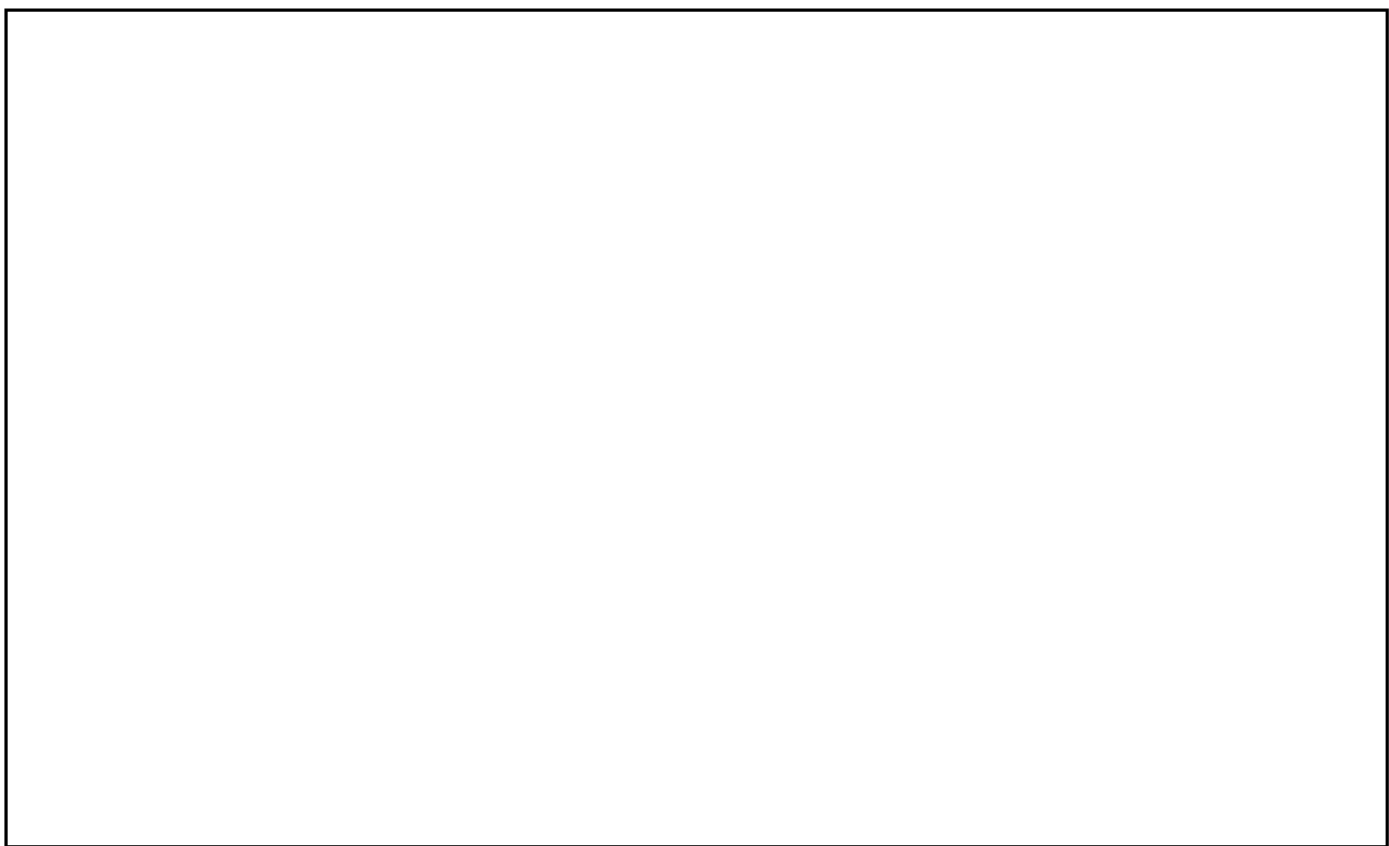
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EXRAND-M-33
25 May 1970

COMIREX SUBCOMMITTEE
For
EXPLOITATION RESEARCH AND DEVELOPMENT

Minutes of Meeting Held in IAS Conference Room
0900-1100, Wednesday, 20 May 1970

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1. Special Briefing.

A special briefing was given by USAF to the members on the Program to familiarize them with the system before the trip to SAC where they will receive an extensive tour and briefing.

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GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Declass Review by
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EXRAND-M-33

2. Approval of Minutes.

The minutes, EXRAND -M-32 were approved as read.

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3. Announcements.

a. [redacted] proposed that the EXRAND SubCommittee not meet during the month of June due to the vacation schedules, etc. This proposal was approved and it was decided that the next meeting of EXRAND will be 15 July 1970.

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b. [redacted] gave a brief rundown on the plans that have been made for the trip to SAC and [redacted] (544th ARTW) on the 24th of May.

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c. [redacted] read a cable that was written by [redacted] with info to NPIC in regards to the Free Radical program. The message is as follows:

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A verbal report has been made on initial comparison of free radical repro stock to fine grain 2430. [redacted] for the test and use standard [redacted] target Belts at a 1.6 to 1 contrast. The results on a Niagra (at 10 ft/min on current free radical) indicate that type 2430 produced 165 cycle/mm and free radical produced 485 cycles/mm.

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d. [redacted] also read a memorandum that was written by [redacted] for the information of the EXRAND members. This memo states:

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[redacted] 3404 is being replaced by SO-349 which is in the process of being standardized as type 3414. These are all on standard thin base (STB).

[redacted] 380 is being replaced by SO-236 which is in the process of being standardized as type 1414. These are all on ultra-thin base (UTB).

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e. [redacted] announced that changes in numerical designation of [redacted] film is preliminary. There is one designation, however, that is now firm: The new #242 color film is now known as SO-255 (UTB).

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4. Old Business.

a. [redacted] gave a brief status report of the procurement of the 1540 light tables and the production distribution. He said that all was going well and that all orders were in except DIA, but that their order would be resolved shortly. He also stated that the NPIC Contracting Officer was trying to set up negotiations with [redacted] and [redacted] for the first week of June.

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b. The subject of future EXRAND trips was brought up by [redacted]. It was decided that the members would go to ACIC (St. Louis) sometime in September 1970. [redacted] is going to check with ACIC to see what date would be convenient with them.

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c. It was announced that the I.I.S. briefing would be given on the 15th of July instead of June.

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d. [redacted] announced that he and [redacted] had been unable to get together during the past month to review the up-dating of the EXRAND Objectives. He hoped to have a status report for the members at the July meeting.

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e. [redacted] also gave a status of recommendations for exploitation equipment for color materials. A copy of this status report is attached.

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[redacted]

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Colonel, USAF
Chairman, EXRAND

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ATTACHMENT I
20 May 1970

MEMORANDUM FOR THE RECORD

SUBJECT: EXRAND Interim Report on Development of Color Exploitation
Equipment

1. An interim summary report is necessary since reports have not been received from Navy or CIA.
2. Following is a tabulation of information abstracted from the inputs of the reporting components:
 - a. Army, DIA, Navy (verbal) have no color exploitation development projects in their programs at present.
 - b. RADC
 - (1) Ultrasonic cleaner for color film
 - (2) Identifying EEI's for high alt color (Red Dot overlap)
 - (3) B&W Color comparison
 - (4) Man-made civil and military installations
 - (5) Natural targets-agriculture, trafficability
 - (6) Summary (RADC)
 - (a) Color EEI's
 - (b) Data for NIE's and planning
 - (c) Resource analysis
 - c. NPIC
 - (1) Color Training
 - (a) Literature Review
 - (b) Vocabulary, glossary, color signature description
 - (c) Generic Color PI Task Descriptions - Definition of Training Needs
 - (d) Comprehensive Training Implementation Plan
 - (2) Color Quality Evaluation
 - (3) Color Control Cell - instrumentation
 - (4) Viewing Systems Study
 - (5) Dry color reproduction
 - (6) Wet Processing Color Standards
 - (7) Color Analyzer

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SUBJECT: EXRAND Interim Report on Development of Color Exploitation
Equipment

3. Major concern at NPIC is for color standardization, definition, comparison, viewing and reporting techniques, and equipment.

4. NRTSC cites a probable rear-projection light source problem in both intensity and illumination. Difficulty in reading data block recorded on color film has also been observed.



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NPIC EXRAND Representative

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