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11 January 1971

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MEMORANDUM FOR: Chief, Technical Services Group, NPIC

SUBJECT : Projects & Programs Staff Monthly Report - December 1970

A. During December, the Projects & Programs Staff conducted staff functions for TSG [including 1) administrative and support services for the Group, 2) continuous control and coordination of all TSG requirements and work orders, 3) working level liaison contact with PPBS on budget matters, and 4) with PSG on production matters] and was also involved in the following actions:

1. Participated in PPBS review of the Five Year Plan and coordinated necessary revisions with the TSG divisions.
2. Provided the Permanent Secretary for the TSG Career Panel that convened on 15 December. Required reports were submitted to the Secretary of the NPIC Career Board during the month.
3. Provided TSG representation for three meetings of the NPIC Training Selection Panel on 14, 24, and 29 December.
4. During the month, 24 new requirements were routinely processed and distributed to TSG components. Another 13 requirements were closed out, and 17 work orders for graphics, photography, publications, or ADP support were approved and coordinated with other NPIC components. Also scheduled a number of technical publications through PSG and PPBS. There was further work with PPBS and PSG to develop a computer-assisted NPIC project status system. The TSG project status system was also advanced and should be operational soon.
5. Made preliminary preparation for FY-70 Mid-Year Review, including a series of contacts with PPBS, and several discussions with TSG divisions. A memorandum outlining the procedures to be followed in TSG during the Mid-Year Review was disseminated to the divisions.
6. Coordinated the last two in a series of PSG orientations. During the exercise, most TSG personnel were given tours of all PSG.
7. Continued to support the [REDACTED] modifications program, attending coordination meetings chaired by the Support Staff, and coordinating a roster of escorts from TSG.

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DECLASS REVIEW by NIMA/DOD

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SUBJECT: Projects & Programs Staff Monthly Report - December 1970

8. The Office of the Chief, TSG, provided considerable support to [redacted] during the month; forwarded the [redacted] objectives to the Chairman, COMIREX; arranged for [redacted] briefing to COMIREX of procurement cost savings to the government; arranged for COMIREX to hear a color briefing by [redacted] originated and distributed the monthly agenda; wrote, published, and distributed various documents, publications, and reports to the [redacted] community. Considerable planning and liaison work with the exploitation community was also conducted at the [redacted] representative level by the Executive Secretary and the Chairman. Distribution lists for old and new light tables are still being coordinated throughout the Community by [redacted] other procurements are also being coordinated by members of the procurement team. It is noted here that active participation is regular within the two teams under [redacted] on working-level coordination and liaison. The end-of-year [redacted] meeting was recorded, published, and distributed by the Office of the Chief, TSG.

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B. During January the following significant actions are anticipated:

1. Coordinate the FY-70 Mid-Year Review in accordance with instructions distributed by PPBS.

2. Arrange for the orientation of a small group of newly cleared employees from the [redacted] who are under contract to develop a color training program for the Center.

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3. Arrange the TSG Career Panel meeting to convene on 12 January 1971 to consider promotions to GS-12 and recommendations for GS-15.

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Chief, Projects & Programs Staff,
NPIC/TSG

Distribution:

- Orig. - Addressee
- 1 - NPIC/TSG/APSD
- 1 - NPIC/TSG/ESD
- 1 - NPIC/TSG/RED
- 2 - NPIC/TSG/PPS

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Attachment to

[Redacted]

8 January 1971

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MEMORANDUM FOR: Chief, Projects & Programs Staff, TSG/NPIC

SUBJECT : Engineering Support Division Monthly Report for December 1970

A. Noteworthy Events

1. Emergency Maintenance Service - The Equipment Performance Branch received 86 requests for miscellaneous emergency service during December. Approximately 64% were electronic type, 24% mechanical and 12% optical. These requests by operational components are:

IEG	57	TSG	4
PSG	15	IAS	1
DIA	8	Army	1

2. Preventive Maintenance - Under the Preventive Maintenance program a total of 182 instruments were serviced. This included cleaning, repairing, lubrication, alignment, and replacement of missing or malfunctioning parts. Minor modifications were made as required. These actions by operational components are:

IEG	102	TSG	2
PSG	7	IAS	5
DIA	64	Army	2

3. Modification, Design, and Fabrication Projects - Nine modification, design, and fabrication projects were completed in support of Center components, the most significant being, that EPB provided machine shop support for the fabrication of a prototype chip cutter and splicer intended for use on the [Redacted] 1540 Light Table.

4. Miscellaneous Projects

(a) Focus cam assemblies were replaced on fifty-five (55) pairs of [Redacted] Widespan Rhomboid Arms in DIA so as to increase the focusing ranges. Cams were also replaced on two (2) pair for the Army (SPAD).

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SUBJECT: Engineering Support Division Monthly Report for December 1970

25X1 (b) Twenty-one (21) [] 1540 Light Tables have been delivered
25X1 to [] Defective tables are being repaired in EPB spaces
25X1 by [] personnel.

25X1 (c) EPB instructed human factors personnel, working for
ATB/RED, in the correct procedures for setting up and using a
[] Zoom 24OR Microstereoscope. A specially designed
accommodation microstereoscope was also assembled and set up. It
will be used to study the effects of various convergent angles on
stereo acuity.

(d) During December EPB performed property disposal ser-
viceability inspections on 29 items of equipment being turned in by
operational components.

(e) Two (2) Teletype ASR Printers have been installed in IEG.
These printers were connected on-line to the Univac computer and
will be used in the IIS.

25X1 (f) One [] CRT Display Unit, one [] KSR
Printer, and one Teletype KSR Printer have been relocated and
reinstalled in IEG; due to building renovation. 25X1

5. The following new equipment was tested for operational components:

25X1	[]	Zoom 24OR Pods	74 each
		2X Rhomboid Lenses	40 each
		1X Rhomboid Lenses	80 each
		.43X Rhomboid Lenses	64 each
		Widespan Rhomboid Arm	108 each
25X1	[]	Viewing Table	2 each

25X1 6. [] 1540 Light Tables - The pre-production table, Serial No.
001, was received in TEB on 11 December. Engineering tests were completed
on 21 December. The unit was then routed, in turn, to four operating
divisions for four hours of operational testing each. A list of 12
defects, which are considered contractual deficiencies, was then presented
to TSG and NPIC officers on 30 December. Most of these defects present
serious operational obstacles but could be corrected by means of minor
electrical or mechanical design changes. The remaining out-of-spec items
refer to photometric properties of the light sources and may not be
operationally objectionable.

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SUBJECT: Engineering Support Division Monthly Report for December 1970

25X1 7. [] TID - The engineering model Target Indexing Device arrived at NPIC on 25 November. The manufacturer has completed installation assembly, alignment and checkout. NPIC personnel have not yet been able to begin acceptance testing of the device due to the inability to maintain proper environmental operating temperature. The room air conditioning system is being reworked in an effort to overcome this difficulty.

8. Diazo Reproduction System Study - The test engineer has completed his testing of eight diazo films, one printer and four processors. A test report on this effort is in process.

9. Image Definition Device - After completing several minor repairs, engineering tests were conducted during the period 7 to 31 December 1970. The unit should be shipped back to its owner, [] during the forthcoming month. 7

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25X1 10. [] Twin Stage 6x6 Comparator - This prototype was originally delivered to TEB in October 1969. The subsequent T&E resulted in modifications performed by the manufacturer in-house in September 1970. Final testing by TEB has been completed and the unit was moved to IAS on 28 December for operational evaluation.

11. Sound Level Survey - The sound level survey of the AID computer center, which was conducted and reported on in October, showed that potentially dangerous noise levels exist in that area. A follow-on exposure survey was conducted during December and additional noise measurements under absolute maximum operating levels are scheduled for January.

25X1 12. High Precision Stereocomparator - The additional pre-acceptance testing, operational as opposed to engineering, which was scheduled for December at [] did not occur. This is now scheduled for 21 January. It is expected that this item will be shipped to NPIC shortly thereafter.

25X1 13. [] entered on duty with TEB on 21 December. He holds a degree in electronics engineering and is trained and experienced in photography and computer programming as well. He brings many years of experience as a research, development and design engineer on many products including photo printing and processing equipment.

25X1 14. TEB co-op [] departed on 24 December, and []
25X1 [] returned on 28 December.

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25X1 15. [] successfully completed the in-house Probability and Statistics Course, both with a grade of "A."

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SUBJECT: Engineering Support Division Monthly Report for December 1970

25X1 16. [] completed the Reading Improvement course.

25X1 17. [] attended the Managerial Grid Course 29 November through 4 December.

25X1 18. [] completed two weeks of informal maintenance training on the [] High Precision Stereocomparator in the manufacturer's plant.

25X1 19. [] a Georgia Tech student, completed his second co-op period in EPB and returned to school.

25X1 20. [] attended an informal familiarization training period on the Target Indexing Device from 7 to 11 December.

B. Anticipated Events for January:

25X1 1. Resume testing the [] Dry Silver Processors.

25X1 2. Arrival of the [] Ultraviolet Projection Viewer for test and evaluation.

25X1 3. Arrival of the [] Zoom 240 Filar Eyepiece for test and evaluation.

25X1 4. [] 1540 Light Table Spare Parts Provisioning Conference.

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[]
Chief
Engineering Support Division, TSG/NPIC

Distribution:

Original & 4 - Addressee
2 - NPIC/TSG/ESD

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[Redacted]

11 January 1971

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MEMORANDUM FOR: Chief, Technical Services Group, NPIC

ATTENTION : Chief, PPS/TSG

SUBJECT : RED Monthly Report (December 1970)

Significant Items of Interest for December 1970:

1. Automatic Target Indexing Device [Redacted] - This equipment was delivered to NPIC in December and installed in Room 2N617. It is currently being "debugged" and should be available for demonstrations and T&E by mid-January. It will then be used in an operational test program prior to receipt of the first [Redacted] 25X1

2. Image Comparison Microstereoscope [Redacted] - The overrun funding to complete this equipment has been approved and work will shortly commence to finish it. Delivery is scheduled for April. After T&E, this device will be put through an extensive operational utility test program at NPIC by the [Redacted] 25X1

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3. Engineering Audit of the Stereo Scanner [Redacted] - This audit will be essentially completed in late December. [Redacted] personnel will present to RED a preliminary briefing on their results in early January. 25X1

4. Wide-Field, High-Power Anamorphic Stereoviewer [Redacted] This project is essentially on schedule. Complete optical design is nearly complete and optical components are under procurement by [Redacted] 25X1

5. Utility of Stereo Scanning [Redacted] - The testing schedule (as originally planned) is being delayed primarily because of a delay in delivery of the High Precision Stereocomparator and some conflicts over the use of the comparator when it arrives. A new testing schedule is being developed in conjunction with IEG and T&E personnel. 25X1

6. Infrared Evaluation Study [Redacted] - The flight program is complete with all targets covered as scheduled. The materials from the last target [Redacted] will be delivered by T.I. in January. IEG is proceeding with their analyses essentially on schedule. 25X1

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7. High Precision Stereocomparator - The schedule has slipped due to problems of "debugging" the computer program. The acceptance tests at [] will now begin 25 January 1971 instead of 14 December 1970 as planned.

8. [] 1540 Light Table - The first table passed preacceptance tests at [] during the first week of December. The first six tables arrived in the Center on 11 December; fifteen more arrived on 23 December. The tables are presently in EPB/ESD for check-out.

9. Briefings have been presented to Center management and the necessary paperwork forwarded for approval on the following items:

- a. Calibration Device for the HPSC - Phase II;
- b. Modification of the RIPPS Dry Diazo to Dry Silver; and
- c. Dry Color Development.

10. Meetings, Briefings, etc.:

- a. [] attended CCB meeting with regard to the 3M Dry Silver Presentation on 15 December.
- b. On 16 December, [] Chief Scientist, [] visited the Center for codeword clearance briefings and contract consultation.
- c. Six contractors visited NPIC on 17 December to inspect the [] 1540 light table in connection with an RFP for a High Intensity Tracking Light Source.
- d. The C/RED, DC/RED, and C/SDB visited [] Operation for a presentation on the Precise Mensuration Study on 21 December.
- e. A briefing on ATB/RED was held for [] on 23 December. The briefing covered the overall laboratory facilities and programs. Demonstrations were given of the electron microscope, chemical image manipulation, and the Color Gamut Program. The Executive Director was

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SUBJECT: RED Monthly Report (December 1970)

- e. (cont.)
briefed on the overall Image Technology Lab program. A demonstration of optical image processing was given and the Tech/Ops Image Manipulation facility was described. [] will be briefed on [] experiments in January.
- f. ATB/HFS personnel briefed Chief, IEG, and his Division Chiefs on the OSI, NPIC Stereo Acuity Research Program.
- g. ATB/HFS personnel briefed C/OD/IEG and C/PB/SS on the status of the OMS, NPIC Test Evaluation Program.
- h. ATB/HFS personnel briefed Offutt PI School personnel on the [] Target Recognition Training and Mensuration Training programs under NPIC's Imagery Interpretation Research contract. Offutt will evaluate these training packages for potential incorporation in the course curriculum at Omaha.

11. OMS, NPIC Test Evaluation Program - OMS/PSS and ATB/HFS personnel have initiated the first phase of a comprehensive evaluation of the NPIC Personnel Selection Test Battery. Attention is currently being directed at the relationship of sex and military background on test scores on the Army PI Test Battery. Preliminary results are expected within 60 days.

12. OSI, NPIC Stereo Acuity Research Program - OSI/LSD and ATB/HFS personnel have begun work on a Stereo Acuity Research Program. The Technical Services Branch, DIAAP-9, is providing a light table, microstereoscope, and subjects. IEG, a room and subjects; and [] a laser optometer and technical guidance. A pilot study employing [] personnel is tentatively scheduled 5-8 January, and the formal testing program 11-29 January.

13. [] Equipment Development Support - A human factors evaluation report on the [] 10" x 10" stereocomparator mockup was delivered.

14. [] - Discussions were held with [] concerning their work on readout of phase imagery for SAMSO. The approach taken is optical while proposed approach for [] is chemical. However, some of the techniques will be useful and full coordination will be maintained.

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SUBJECT: RED Monthly Report (December 1970)

15. Vision Committee, National Research Council Support - On 16 December, [redacted] personnel and [redacted] met with [redacted] of the National Research Council Committee on Vision to discuss Council assistance to the Center in evaluating [redacted] Color Training Program and in endorsing and distributing to the academic community [redacted] Photo Interpretation Bibliography.

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16. The [redacted] Viscometer - This instrument was received by the Exploratory Laboratory. It will be used for measuring the viscosity of experimental viscous developers formulated in the Lab.

17. Microdensitometry Support - [redacted] provided IAS with 74 traces of three bar target groups and six traces of step wedges. These traces are in support of IAS's attempt to evaluate three diazo films and two printers.

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18. Color Microdensitometer Calibration [redacted] - Modifications to the [redacted] Micro-d have been completed and the new [redacted] objectives delivered. Color Gamut data has been delivered to [redacted] and the color effective exposure work is proceeding. The contract will probably require a one or two-month, no-cost extension for completion.

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19. Proposals and Reports Received/Evaluated:

- a. A proposal for consultation work on chemical image manipulation was received from [redacted] formerly of [redacted]. The proposal has been evaluated.
- b. [redacted] Unconventional Film Evaluation. Evaluations completed and PAR being prepared.
- c. [redacted] Two proposals on phosphor screen materials were received. Evaluation is in progress.
- d. [redacted] Color viewing and measuring standards, evaluation completed. PAR is being written.
- e. [redacted] Study of the colorimetric and physical properties of Variable Contrast Illuminator. Being evaluated.

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[Redacted]

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SUBJECT: RED Monthly Report (December 1970)

- f. Imagery Resolution Requirements Study (COMIREX) - Evaluation completed; report forwarded to TSG/PPS.
- g. Stereo Acuity as a Function of Age and Experience as a Microscopist (OSI/LSD). Evaluation completed. In-house research phase to begin 5 January.
- h. Improvement in Small Image Mensuration (PAR 1885). Evaluation in process.
- i. A Proposal to Evaluate Four Image Manipulation Techniques for Photointerpretation [Redacted] Evaluation completed; effort postponed pending further work in manipulation techniques.
- j. Color Support [Redacted] Evaluation completed; [Redacted] to submit revised proposal in smooth.
- k. Instrumented Microscope for [Redacted] Evaluation completed; rejected for [Redacted] purposes as duplicative.
- l. Unsolicited letter proposal for Enhancing Human Performance on Complex Perceptual Tasks [Redacted] Evaluation in process.
- m. Development of Specifications for an Audio Clueing Information System [Redacted]. Being evaluated.

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20. Contract Signed: A follow-on contract with [Redacted] has been approved. He met with [Redacted], IEG/OD, and TSG/ESD personnel on 23 December to develop a PI equipment training program.

21. Lecture: [Redacted] [Redacted] presented the third set of lectures on geometrical optics and photometry on 3-4 December. Members of RED, ESD, and APSD attended.

22. Report on non-conventional photographic materials was completed. Preliminary working copies were distributed within RED. Center-wide distribution awaits reproduction and will probably occur early in January 1971.

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[Redacted]

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SUBJECT: RED Monthly Report (December 1970)

23. Support to the Color Task Force continued on a sporadic basis. Only one meeting was held during the month.

24. Continued liaison on [Redacted] special project.

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25. Meetings were held with [Redacted] concerning NPIC Training Manual and other training considerations.

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26. Meetings were attended at [Redacted] concerning optical titling of film, as well as meetings at CIA Headquarters and SOC, Pentagon, on Post Flight Analysis Team and reports control manual for [Redacted]

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27. In-house meetings were conducted on data transmission and priorities, plus additional meetings concerning optical titling requirements. Attendants were representatives from [Redacted] TSG/APSD, and TSG/RED.

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28. The following persons visited RED/RSB for a variety of technical sessions:

[Large Redacted Area]

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29. [Redacted] visited Patrick Air Force Base on [Redacted]

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30. [Redacted] continued holding many sessions on [Redacted] completing plans and identifying operational and training problems associated with the exploitation of radar photography.

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SUBJECT: RED Monthly Report (December 1970)

31. RSB/RED reviewed an IR/SLAR evaluation report that is to be forwarded to ORD.

32. [] test flight No. 4 took place on 22 December. The test flight was not completely successful due to weather. No flights are planned for January, while two are presently scheduled for February. The first payload flight is now programmed for March.

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[]
Deputy Chief,
Research & Engineering Division,
TSG/NPIC

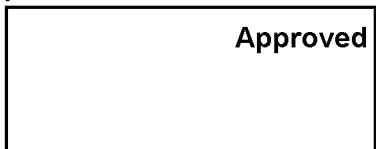
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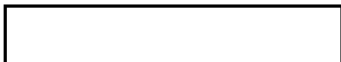
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ATTACHMENT to:



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MEMORANDUM FOR: Chief, Projects & Programs Staff,
TSG/NPIC

SUBJECT : APSD Activity Report for December 1970

1. The following items of significance occurred in TSG/APSD during December 1970:

A. Administrative/Training

(1) [redacted] graduate of George Mason College, Physics major, entered on duty on 14 December 1970. He is assigned to APSD/IEB, Section I.

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(2) Messrs. [redacted] were promoted to GSS-11 during the month.

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(3) During an awards ceremony on 18 December 1970, [redacted] received a group award for a modification of [redacted] stellar titling procedures. In addition, [redacted] [redacted] received an award for separation printing from color materials.

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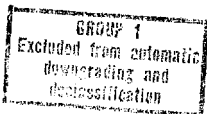
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(4) [redacted] of APSD/IEB completed the first half of the two part in-house photogrammetry course.

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(5) [redacted] of APSD/IEB completed a Chemistry Course at the Charles County Community College.

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SUBJECT: APSD Activity Report for December 1970

B. Exploitation Support

(1) Interpretation

(a) Those passes of [Redacted] which covered the Middle East were designated for special high contrast printing by the breakdown team. The PIs reported that these special prints contributed to their intelligence readout.

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(b) Photomicrographs from Cuba [Redacted] [Redacted] were provided to the PIs in an attempt to enhance a submarine target image. In addition, on [Redacted] IEB personnel recommended that special high contrast prints be utilized to help identify a target. The PIs reported that these efforts assisted them in their readout and expressed appreciation for the support.

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(2) Photogrammetric, Statistics, and Investigations

(a) Photogrammetric assistance in the form of coverage figures and resolution estimates, was provided to IEG/MSD relating to a DDS&T request to provide them with our latest estimate on the PI usability of photography (from EOI) taken beyond 30 degrees obliquity.

(b) We have been tasked by DDS&T/OPS to assist them in an evaluation of the Image Motion Compensation (IMC) function of the [Redacted]

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[Redacted] We will provide the method for evaluating and disseminating the information to DDS&T. We will also provide any of our methods of analysis of the information upon request from them. Thus far three methods (equations) one

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SUBJECT: APSD Activity Report for December 1970

from the contractor, one from DDS&T, and one developed by us, have been worked out. Each of the methods produces the same results. All methods integrate over a measured film distance relating to scan marks.

(c) Four speed letters were received and answered by APSD/ISAB for Photogrammetry work.
Two from APSD/IEB
One from OC/APSD
One from IEG/PHD/AB

(3) Densitometric, Statistics, and Investigations

(a) The new optics for the [redacted] 1032T were installed by [redacted] on 21 December 1970.

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(b) Speed Letters received and answered this month by APSD/ISAB for Micro-Iso-Density work totaled nine.

Four from APSD/IEB
Three from RED/ATB
One from ESD/TEB
One from IEG/SD/NIB/SWS

(4) Operational Activities

(a) Initial phase handling of [redacted] [redacted] was accomplished at [redacted]. The total effort was abbreviated somewhat by camera failures; however, for the first time the material was packaged according to NPIC component. This eliminated the need for repackaging by PSG/R&RD here at NPIC.

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SUBJECT: APSD Activity Report for December 1970

Indications are that the exercise was successful and may become an "SOP."

(b) A comparative technical and photo-interpretation evaluation of the color reproduction film SO-356 and SO-360 has been conducted. Results favor SO-356 and the Community is being notified accordingly.

(c) With approval of [redacted] Chairman, Exploitation Sub-Committee COMIREX, the APSD/OAB formalized the special, high contrast printing requirements which are to be produced from satellite missions. Memorandum for the Record [redacted] dated 25 November 1970 outlines in detail this policy.

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(d) In its continuing effort to furnish support to the various offices within the NRO, the APSD/ISAB arranged for publication of the "A" systems Reports Control Manual. NPIC support ranged from the manuals cover design to printing, coalition and binding of the document. Some sixty (60) copies were delivered to the NRO for distribution to the Community.

(e) To insure all customers receiving [redacted] material are aware of frame removals which are deemed total cloud covered at [redacted] during initial phase handling, the APSD/OAB coordinated a NRO reproduction requirement between [redacted] and Westover AFB. Details of this requirement can be found in cable OUT 71322 dated 3 December 1970.

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SUBJECT: APSD Activity Report for December 1970

(f) The failure of the processing site to furnish a stellar DP to ACIC and TOPOCOM on [redacted] was resolved by the APSD/OAB arranging for positive copies being produced from the NPIC laboratory and forwarded to the aforementioned organizations.

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(g) APSD/IEB has conducted jointly with the [redacted] an Evaluation of Special Printing Techniques. Photo-interpreters input to this project were received. Charts and graphs illustrating the results were generated by IEB and then jointly analyzed by [redacted] and IEB. A briefing which emphasized the findings of this entire exercise was prepared by IEB, and [redacted] presented it to the CCB, the TSG Staff and the Office of the Director of NPIC. A hard copy technical report will be published in the near future.

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(h) The report, Fundamentals of Photo Technology has been published and is now ready for dissemination.

(i) The Technical Evaluation of the night film from [redacted] has been disseminated.

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C. Collection System Support

(1) Systems/Films Under Development:

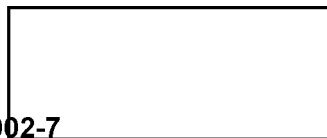
(a) The required copies of simulated [redacted] have been received from the photo lab and distributed to [redacted] [redacted] APSD retained one composited DP

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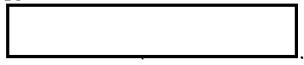
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SUBJECT: APSD Activity Report for December 1970

copy and one DN copy generated therefrom. These materials will be utilized for the simulated analysis at the forthcoming



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(b) The SO-192 Viscous Process Study is essentially complete. Preliminary findings have been presented to the CCB at its December session. The completed report is expected to be issued during January. Preference is indicated for the use of SO-192 reproduction film in lieu of 2430.

(c) An exposure evaluation routine for the [redacted] has been designed for rapid "on-site" use. For ease of application, the routine requires minimum input data and utilizes simplified calculations. Image motion as a function of exposure time is also examined. The exposure evaluation routine is being tested on [redacted] and preliminary results are excellent.

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(2) Operational Systems

(a) Nine [redacted] were evaluated by APSD/IEB during the month.

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(b) [redacted] was evaluated by APSD/IEB during the month. The results were forwarded to [redacted] DIA/DC-5C.

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25X1

D. Support to Research and Development

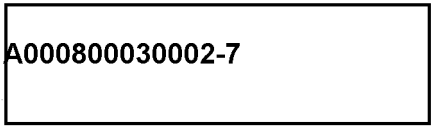
(1) At the request from [redacted] TSG/RED, a series of special high contrast duplicate positives have been ordered from Westover AFB. These prints are from the ON of [redacted]

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ATTACHMENT to:

[Redacted]

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SUBJECT: APSD Activity Report for December 1970

(2) The TSG/APSD observers to the CCB assisted in the scheduling and coordination of NPIC briefings to the December CCB. Following by order of sequence are those briefings presented:

(a) The NPIC FY-71 R&D program - [Redacted] TSG/RED.

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(b) The NPIC Color Program [Redacted] TSG/RED/ATB.

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(c) The NPIC input to the PAR 172S Duplication Study - [Redacted] TSG/APSD/IEB.

25X1

(d) Status of the NPIC inhouse Precise Mensuration Studies - [Redacted] IEG/PHD.

25X1

All briefings were well received and the CCB complemented NPIC on its participation.

2. The following items of interest are anticipated for the month of January 1971:

A. Exploitation Support

(1) Interpretation: High contrast reproductions will be supplied as needed from [Redacted]

25X1

(2) Operational Support: Initial phase handling of [Redacted] will be conducted on 30 and 31 January 1971.

25X1

B. Collection System Support

(1) Systems/films under Development:

(a) The APSD/IEB will support the [Redacted] simulated PFA scheduled for 7-8 January 1971.

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[Redacted]

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SUBJECT: APSD Activity Report for December 1970

(b) Mr. [redacted] will attend an EXSUBCOM [redacted] Film Distribution Meeting at [redacted] on 11 January 1971.

(c) APSD/ISAB plans to publish the revised [redacted]

(d) [redacted] plans to attend [redacted] Meeting on the West Coast the week of 17 January 1971.

(2) Operational Systems:

(a) Initial phase handling support will provided for TAG missions if required.

(b) The PET Meeting for [redacted] is scheduled for 5-7 January 1971, [redacted] [redacted] will attend.

(c) The PET Meeting for [redacted] will be held on 5 and 6 of January 1971, [redacted] will host the meeting.

(d) [redacted] is scheduled to attend a briefing at NRO/SOC concerning TOPCOMS weather readout device.

C. Photogrammetric, Statistics, and Investigations

[redacted] APSD/ISAB plans to attend the Symposium on Close Range Photogrammetry at Urbana, Illinois on 26-29 January 1971.

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D. Administration/Training

(1) [redacted] Pounders plans to attend the second half of the Photogrammetric Statistics Course.

(2) [redacted] is scheduled to EOD on 4 January 1971, and Co-op student [redacted] is also scheduled to arrive for his first six months on the job training.

(3) [redacted] will attend the Management PI course at Offutt AFB during the week of 4 January 1971.

(4) [redacted] will attend a Conference on the Optimum Reproduction of Color to be held in Williamsburg, Va., on 31 January through 3 February 1971.

E. Visitors

(1) [redacted], Avionics Lab, WPAFB, will visit APSD on 12 January 1971 to brief the Division on the Senior Peg Weather model.

(2) [redacted] will visit APSD on 5 January 1971 concerning the DP Handbook.

[redacted]
Chief, Applied Photo Science Division
TSG/NPIC