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[Redacted]

Change Detector

[Redacted]

2 Maintenance Contract:

#1 ?
#4 ~~65~~ FY 65 - Amplifier (rotation yokes (focus)?)
FY 66 - Labor [Redacted] provided STAT

Both contracts in [Redacted] hands.

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[Redacted]

Eval. of Detector (maintenance manual)

~~Operational improvement suggested
remove "search mode"~~

[Redacted]

[Redacted]

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[Large Redacted Block]

[Redacted]

@

3/21/66

Re: Manual

Declass Review by NIMA/DOD

Installation of Amplifier
Contract # provided under:
Estimate for installation



Change Detector

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1. Is maintenance manual (forthcoming) the final draft or preliminary?
2. Assembly drawing and circuit schematic forwarded?
3. All copies of rept, and manual delivered?
(To whom?)
4. Problems:
 - Poor signal-to-noise ratio
 - Misplaced CRT focus coil (?)
 - Wrong power amplifier
 - Cloud & shadow Rejecter?
5. Measurement: Two methods:
 - (a) Moving reticle
 - (b) Fixed reticle, move film
(X direction only?) YES

NPIC/P+DS/D/

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7 Jun 66

ILLEGIB

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SUBJECT:

1. ~~2.3~~ Reply to [redacted] questions of 6 Jun⁶⁶ (attached):
 concerning Project [redacted]

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1. Film Transport:

	<u>Design Requirement</u>	<u>Prelim. Test</u>	<u>Final Test</u>
Low Range	0.02 to 0.20"/sec	? to 0.2"/sec	? to 0.196"/sec
High Range	2.4 to 24"/sec	? to 25.8"/sec	? to 19.7"/sec

Although the preliminary test ~~of~~ maximum figures exceeded the requirements, ~~the~~ minimum speed in each range did ^{not} (although not documented). After adjustment, control of the film at minimum deflection was much enhanced (although, again, not documented). Maximum speeds were reduced as shown. Although not entirely meeting specs, this function of the instrument has been considered acceptable for a prototype development by past and present monitors. Admittedly, the minimum speed in each range should have been determined.

2+3. Cloud & Shadow Reject:

The optimistic note in the Acceptance Inspection Report (Memo to Record, 4 May 1966), that the new power supply to be installed would greatly improve the cloud & shadow/reject modes, has not been born out following the subject installation. Further examination of these functions is in order; however, they can not be considered successful items among the various goals of this development.

Since no precise specifications for these capabilities are spelled out in the contract documents, I did not consider them factors for levying penalties against with a negative acceptance report.

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4. The Final Contract Inspection Report (#24) might have been premature, in view of your questions plus the fact that I intend to perform

additional operational tests. However, prior to initiation of the POP procedure it was our intention to close out

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this project [redacted] and request a Special Investigation assignment with new 1966 number. Paul decided against ~~such cancellation & re-initiation~~ last week.

5. To date, higher priority work has delayed further T&E on this instrument. In addition, the recent malfunction of the Panoramic Stereoviewer has further delayed such work. It is my

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intention to attempt (with the aid of [redacted]) a temporary "fix" on the latter instrument to permit continuing acceptance testing

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while arranging with [redacted] for a finished job. I am attempting to complete acceptance test of the Pan Stereo Viewer before leaving

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for the [redacted] optics course and a (hoped for) 2-weeks vacation following. In view of the foregoing - I am open to your recommendations

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concerning [redacted] or other items

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~~Attachment~~ Questions

[redacted]

6 Jun 66

C/ISS

1. Has the film drive system been corrected to operate according to specs,
2. Has the cloud reject?
3. Has the shadow reject?

W

Insert A

Monthly Rept:

With the submission of a detailed Acceptance Inspection Report dated 4 May 1966 as a Memorandum for the Record and ~~the~~

With the delivery of five (5) copies of a Maintenance Manual for the P.I. Charge Detector Prototype on 11 May 1966, all items

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P.I. Charge Detector Prototype
The final Contract Inspection Report is being forwarded to The Office of Logistics, recommending contract settlement as a result of a successful acceptance inspection and delivery of all items specified under the contract.

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