

DRAFT  
BYE-3129-71  
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Assumptions for the OSP Operational  
Concept of the EOI Processing Facility

Outlined below are the basic assumptions to be used  
in sizing (1) the Initial Scan segment of the EOI Processing  
Facility (P/F) and (2) NPIC's contribution to other P/F  
activities:

1. There will be [ ] sun-synchronous  
imaging satellites [ ]

[ ]

2. [ ] sensor satellites has the  
capability of providing a maximum of 80 frames  
(camera actions) per revolution.

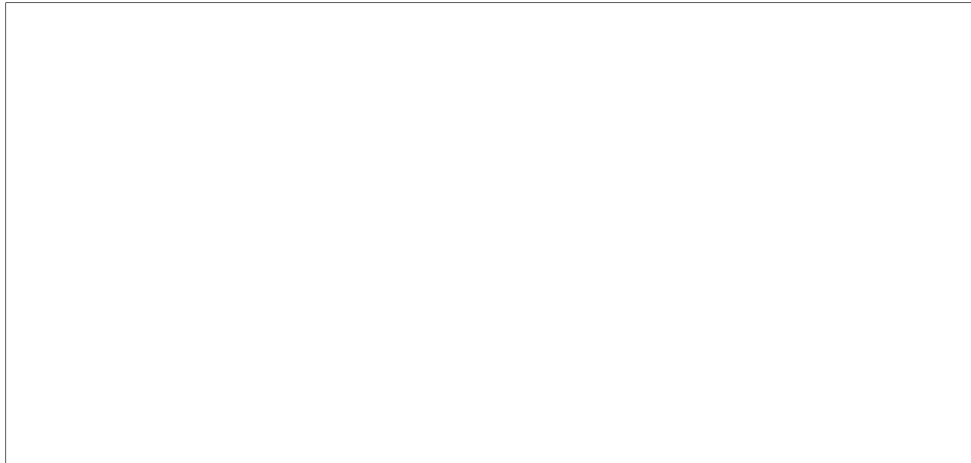
3. The exploitation capabilities are sized  
to accommodate approximately [ ] interpretable  
scenes per day.

4. The [ ] satellite will always acquire  
its targets about 1100 local target time [ ]

[ ]

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5. The OSP base line plan envisions the Initial Scan being performed at the P/F with hard copy being delivered to NPIC remotely located from the P/F.

6. Retasking (reprogramming) of any imaging satellite will require 30 minutes from request to accomplishment.

7. The Initial Scan will consist of cloud cover determination, image quality assessment, target coverage assessment and a preliminary intelligence analysis. The first three activities are similar to those currently performed by the NPIC Tiger Team at the processing site. The last activity will determine whether there is any evidence of indications/warning and/or significant or abnormal activity associated

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with the target. In these cases a preliminary report will be generated, and, if necessary, a retargeting request would be initiated. If there is no indication/warning or significant change or activity observed at the target, no reporting will occur.

8. Two positive transparencies, one with relatively large scale (possibly as large as 1:7000 resulting in a 30" square image) and a second with a smaller scale (approximately 1:24,000) will be available for Initial Scan.

9. The images will be available to the Initial Scan PIs [redacted] after camera action. The average time required to perform the Initial Scan for time-sensitive purposes is estimated to be 10 minutes per target. The Initial Scan would be conducted during three eight-hour shifts, seven days a week.

10. A sufficient number of copies of all imagery collected and reproduced during the second and third shifts at the P/F will be delivered in hard copy form (positive film transparencies) to the NPIC facility by the

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11. The less time sensitive Current Intelligence exploitation will consist of reporting all significant activity and order of battle. This type of exploitation will result in (1) a daily report very similar in content to the present NPIC OAK and OAK Supplement, and (2) non-published Data Base updating.

12. All photo interpretation functions will require an up-to-date National Data Base (encompassing all imaging systems) located and maintained at the NPIC facility.

13. All photo interpretation functions will require mensuration support of the level of sophistication that currently exists at NPIC.

14. All photo interpretation functions will require the types and levels of mission support files that now exist at NPIC. This includes the requirement for collateral support assistance.

15. When the manpower for Initial Scan is overtaxed during a crisis, additional manpower will be sent from NPIC to the P/F.

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16. The P/F will exploit EOI imagery only. Crisis exploitation of imagery from film return systems will be performed at NPIC.

17. Except for Tiger Team activity, NPIC will not be responsible for staffing the EOI photographic reproduction and dissemination functions at the P/F.

18. Maintenance of all PI equipment in support of the Initial Scan function will be the responsibility of NPIC.

19. For this preliminary investigation, we have restricted the alternatives for accomplishing exploitation to state-of-the-art techniques and equipment.

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