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CHIVE/C-140-66
6 July 1966

MEMORANDUM FOR: Director, CHIVE Task Force

SUBJECT   :   Monthly Report for June 1966

I. ACTIVITY HIGHLIGHTS

A. Management Developments and Activities

1. The basic CHIVE management information reporting system, based on a brief formatted report designed for prompt, concise communication of data for management control and planning, was tested and established as a bi-weekly reporting program. Should the situation become more pressing in coming weeks, the D/CTF will convert it to a weekly reporting system.

2. CTF management is gearing its resources for possible support of certain higher level plans and tasks currently underway or under consideration. This necessitates tighter planning, scheduling, and control, de facto and contingency.

3. Principal personnel developments occurring during June were:

25X1A   a. [   ] resigned, 18 June 1966;

25X1A   b. [   ] was named Chief, IPS;

25X1A   c. [   ] was assigned to IPS, retaining chairmanship of the Management Information System (MIS) Task Team.

25X1A   d. [   ] was assigned to support the Customer Requirements and Relations task, and the MIS.

25X1A   e. [   ] who will be leaving the CTF for a new assignment in ORD on 15 July, is to be replaced on the Forms Design task (7a) by [   ]   25X1A

25X1A   [   ]

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S-E-C-R-E-T   Excluded from Automatic
                   Downgrading and
                   Declassification

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was obtained from the Office of Security (OS) and SPINT Staff to test the augmentation solution (CHIVE/W-14-66) during Phase IV. Working papers on CHIVE physical security, personnel security, and on Top Secret Controls (CHIVE/W-21-23/66, respectively) were published. In addition, SPINT and OS were briefed (and concurred) on CHIVE EDP security by ⬚(OCS) 25X1A

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⬚ - 15 days
- 20 days

2. Current Awareness Support (Task 2)

Since 10 June about 75-100 China documents per day have been indexed by three CHIVE indexers and keypunched by Machine Division. Since 17 June there have been daily "dry runs" through OCS (night shift) with daily computer listings produced to enable the Team to judge quality of input. Two weekly dry runs have been made with one output list going through PSD for reproduction of a sample index in multiple copies. This sample index will be used as display for the China Task Force analysts to evaluate coverage, format, use, timeliness, etcetera. The interview with the CTF analysts is scheduled to take

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place when ⬚ the CTF liaison with CHIVE, returns from his vacation the middle of July.

If SKAN (Subject Keyword Announcements) meets the approval of these analysts as well as OCR management, regular production of a weekly SKAN will begin the latter part of July. Limited distribution within CIA only will be made each Wednesday, with the index covering the documents received and indexed the previous week (Monday-Friday).

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⬚ 18 days
9 days
- 18 days
- 18 days
- 12 days

3. Document Delivery System - Liaison (Task 3)

Little time was spent on DDS Liaison since little is seemingly happening. It does appear, however, that the 2000 D cameras are out, and that the 16 and 35 mm flat bed cameras will continue to be used until something

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better comes along.

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[ ] - 1 day

4. **Page Reader Specifications (Task 4)**

Refer to Task 12, Input Processing, Program Design Group.

5. **Dictionary Building (Tasks 5, 38a, 38b, 38c)**   25X1B

   a. **Location Dictionary**

Programming for the final version of the location dictionary has been slightly delayed due to parallel development work on the organization dictionary. That is, in order to keep the task team profitably employed, it has been necessary to switch back and forth between the two dictionaries while programming work, keypunching, and delays in obtaining listings occur on one or the other tasks. However, barring unexpected programming delays or inability to obtain machine time due to the expected heavy machine usage

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[ ] the location dictionary should be completed approximately 1 August.

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12 days
14 days
- 9 days

25X1A

- 8 days
- 8 days

   b. **Subject Dictionary**

Chapters 2-4 have been re-revised and Chapters 1-4 are now ready for final typing. Function codes have been assigned to CHIVE's organizations controlled (EAM or manually) by BR.

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9 days
- 19 days

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c. Organization Dictionary

CHIVE location codes were assigned to organizations controlled by COMOR, NPIC, TDI, and FIB. Receipt of a merged COMOR, NPIC, TDI, and FIB organization listing ordered on function code within city name is imminent. When it is received, CHIVE organization numbers will be transcribed for the FIB organizations that meet CHIVE selection criteria; thereby completing the assignment of organization numbers to these four files.

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Transcription has been completed for approximately 90 percent of the [   ] file.

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6. Input Interface (Task 7)

    -   Forms Design (Task 7a)

Modification and testing of the initial forms produced by PSD is continuing. The forms indexing manual, pending modifications relative to the System Flows and dictionary tasks, has been completed.

7. Indexing Procedures (Task 10)

    -   Revision of Indexing Procedures and Techniques (Task 10b)

A survey is under preparation to determine what organization data elements will be controlled.

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[   ] - 1 day

8. System Test Plan (Task 18)

The task team met three times during the month to discuss concepts, define overall approach, and allocate sub-tasks to team members. All members are working on final definition of test plan major objectives and sub-objectives, and recommended definition of sub-system boundaries. Resolution of these will lend to the following:

    a. Selection of test candidates, where possible;

    b. Establishment of criteria to be met;

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c. Measures of effectiveness (at least one per each objective);

d. Test operational concept;

e. Test organizational concept;

f. Test plans, including:

- Data Collection Plan (including that from subsystem testing)

- Measurement Plan

- Data Analysis Plan

- Test Management Plan (including designation of system test manager and clear definition of his authority)

The task, although late in starting, is progressing well and a system test design document should be ready by 1 August.

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         days
      10 days
      2 days
      - 1/2 day
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9. [   ] Requirements Study (Task 19)

The data collection effort on Phase II of the task was completed during the month. The final report on the task will be published late in July.

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      22 days
      22 days
      11 days
      - 22 days
```

10. Management Data (Task 20)

The data collection involving visits to operating Management Information Systems was completed with the survey of an Air Force system; eight such MIS were visited during this effort. Concentrated design efforts

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and consultation with other task teams and with OCR management will begin on approximately 11 July.

1 day
- 18 days

11. Customer Requirements and Relations (Task 22)

The China Catalog was completed with the typing of the codeword list except for the table of processing criteria. Revision of the non-codeword list has been completed and is in typing.

- 17 days

12. Maps and Graphics (Task 23)

ML/OBI is basically in agreement with stage I of the recommendations as contained in the task team's working paper on map processing, but took exception to assuming the clerical burden of transcribing page reader forms as prescribed in stage II. The recommendation on the inclusion   and ground photos in CHIVE is in the final stages of preparation.

- 7 days
- 16 days

13. Summary Files (Task 25)

Although not directly related to the Summary Files Task, the COINS and Soviet   meetings attended by   during the month did serve to identify some of the data elements to be considered for inclusion in   summary files.

1 day
- 1 day

14. Query Procedures (Task 26)

                    query procedures papers are in the second draft stage and will be submitted to the respective registers for review in July.

Available documentation on Special Register is being reviewed prior to visiting the Register.

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┌─────────────────────┐
│                     │ - 19 days
└─────────────────────┘
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15. **Source Formatted Data (Task 27)**

(No activity to report.)

16. **Systems Flow and Transactions (Task 55)**

The Systems Flow and Transactions team submitted its second and presumably final draft of the "Major Input Functions" on 9 June. [   ] are currently spending full time on the detail charts for R and NR documents which are due 1 July.

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┌──────────────┐
│              │ - 20 days
│              │ - 22 days
└──────────────┘
```

17. **File Purge Study (Task 56)**

The final corrections were made to the draft report ("Study of Potential CHIVE Records Retention Criteria (U)," CHIVE/W-19-66) and the corrected mats were sent to the printer. It is expected that the reports will be available from the printer by 30 June.

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┌──────────────┐
│              │ - 1 day
└──────────────┘
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18. **COG Organization and Personnel Responsibilities (Task 58)**

The task team chairman, [   ] who has completed tours of FIB and BR, will begin a review of SR on 1 July. Upon completion of the visits an actual organizational plan for COG will be prepared.

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┌──────────┐
│          │ - 4 days
└──────────┘
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┌────────────────────────────────────────────────┐
│                                                  │
│                                                  │
│                                                  │
│                                                  │
└────────────────────────────────────────────────┘
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users of this file within DDI, ONE and Department of
State have been briefed on the project in order to
obtain their suggestions for inclusion of [   ]   **25X1B**
items.   The Formatted File System is being studied to
determine how it will be used for the creation, mainten-
ance and processing of this file.

25X1A   [   ] - 5 days

D.   Program Design Group

1.   Input Processing (Task 12)

a.   Page Reader Efforts

(1)   The optical and mechanical problems
encountered during the first four weeks the
915 system had been installed have, for the
most part, been resolved.

(2)   The acceptance testing period has
started as of 24 June.

(3)   During the first two days of the
acceptance period the system had not attained
the required 90 percent operational level.
However, this has been due to a faulty "stacker
full" switch and is not attributable to optical
or mechanical feed problems.

(4)   The TAS (Teleprogrammer Assembly
System) using the 915 system has been success-
fully run.

(5)   A magnetic tape to teletype print
program has been written for the 8092 which
allows us to selectively print portions of our
output reels to determine 915 reading reliability.

25X1A   [   ] - 1/2 day
                            10 days
                          - 9 days

b.   S/360 Efforts

(1) A working paper on IP has been circulated
to members of the EDP design group for their

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information and comments.

(2) Sample program driving tables; i.e., Input Set Description, Line Group and Input Group Description, have been prepared and assembled on the S/360 to determine relative core size and logical organization.

(3) Logic flow charting of IP has begun.

(4) Efforts are being made to delineate the rules required in the building of the Standard Transaction Records required by F.M.

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> - 10 days
> - 21 1/2 days
> - 19 days

2. File Maintenance (Task 13)

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a. _____ has been assigned the detailed development of the Integration Module within F.M. The detailed planning and initial coding of this module should take him about a month.

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b. _____ has been assigned the development of the Deletion Module. This should take him about a month.

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c. _____ is working on the description of the development of standard Transaction Records and the rules to be applied for the same. He is also working on the updating of certain aspects of the F.M. description. This will take two to four weeks.

d. There have been no publications in the last few weeks.

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> - 20 days
> - 21 days
> 22 days

3. Control

- CHIVE Monitor (Task 14a)

Activity during June centered on testing features

of the Operating System/360 and initial design of the File Description Table (FDT). A paper outlining the capability and use of OS/Sort-Merge was produced for limited distribution.

During design of the FDT, consideration was given to job flow and device assignment. Tentative decisions reached in these areas will be tested for feasibility during July.
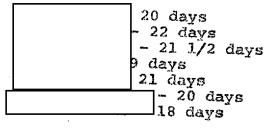
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☐ 21 days

- 11 1/2 days

4. **File Report Processing**

-- **Language Design (Task 15a)**

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-- ☐ Language, Selection, Display

(a) Design of system retrieval and output capabilities continued.

(b) Formulation of language processing requirements and implementation techniques continued.

(c) Man-days committed to LSD Development:

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20 days
- 22 days
- 21 1/2 days
9 days
21 days
- 20 days
18 days

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5. **Programming Support (Task 38)**

-- **Current Awareness Task (Task 38h)**

The programming support for Phase I of the Current Awareness Task has been completed. All documentation for the job (programming manual,

system's manual, and run book) has been written
and is in the process of being typed. Production
runs of the system were commenced in the middle
of the month.

```
                  - 13 days
                   days
                  - 1 day
                  day
```

E. **Automatic Language Processing Group**

1. **ALP Development Task (Task 28)**

a. **System Improvement**

The level 10 update of the Steno dictionary
completed during June provided a track tape from
which [   ] made two new Steno discs.
These two discs have not as yet been fully checked
out due to their late arrival.

Steno lexicographic work during June totalled
over 1,000 entries. There was also a new addenda
and errata file created for the level 09 dictionary.
This is the dictionary we are using at the present
time.

The Agency was sent their Russian dictionary
discs, level 183, in early June (the last coming
to us on the original contract) and one of the
discs was ruined on the first attempt to use it,
due to a photostore malfunction.

The first production runs with the new discs
were run with the final (PW-182.3) prior-level core
and showed some improvement over the 182 series.
By the end of the month, a new core (PW-183.1) was
generated with around a hundred corrections, and
having room for perhaps that many more.

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                  20 days
                  - 15 days
                   10 days
```

b. System Operation

June production figures for Steno processing are as follows:

	Format Errors	Transliterations	Lines of Text
Mats	88	3,454	48,784
Other	7	186	2,524
Total	95	3,640	51,308

A comparison of May and June production and error figures is as follows:

	Machine Counted Error Rate	Lines Printed on Mats
May	0.0091	43,073
June	0.0073	48,784

June production figures for Russian MT processing are as follows:

Russian Input Words	Lines of English Text
416,152	60,977

Russian input words during May totalled 691,366.

During the month of June, the system was not operative for two days due to mechanical failures.

2. ALP System Evaluation (Task 29)

Additional data is being collected and summarized to serve as the basis for discussions to determine what changes might have been made in the operating or data recording procedures at different times during the test period. Discussions were held with [ ] of FDD regarding the need for additional data that had been missing. It is expected that an updated summary of the available ALP data will be completed early in July.

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[ ] - 14.75 days

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F. **Monthly Documentation Summary**

1. **Substantive Memoranda**

   Weekly Task Report Summary, CHIVE/C-120-66,
   7 June 1966, 4 pp., Confidential

   Meeting to Discuss the CODIB Task Team IV
   (Installations) Recommendations Regarding
   Installation Identification, 3 June 1966,
   CHIVE/C-122-66, 7 June 1966, 3 pp., Confiden-
   tial.

   Briefing of SPINT Staff on the Security Augmen-
   tation Problem, 7 June 1966, and Briefing of
   Office of Security Personnel on the Security
   Augmentation Problem, 7 June 1966, CHIVE/C-123-66,
   8 June 1966, 3 pp., Secret.

   China Catalog Parts I & II, CHIVE/C-124-66,
   20 June 1966, 2 pp., Confidential.

   Visit by Management Data Task Team to Patent
   Office, Organization and Systems Analysis
   Division, CHIVE/C-125-66, 9 June 1966, 3 pp.,
   Secret.

   COINS Distribution, CHIVE/C-126-66, 14 June
   1966, 8 pp., Secret.

   Meeting with [ ] PSD, and [ ] **25X1A**
   [ ] OCS, Regarding Application of the
   EPIC System to Printing the SIC, CHIVE/C-127-66,
   20 June 1966, 2 pp., Confidential.

   Visit to China Unit [ ] B-66, **25X1B**
   14 June 1966, 3 pp., Confidential.

   Processing of Certain Non-Repository Documents,
   CHIVE/C-129-66, 14 June 1966, 1 p., Confidential.

   ALP Training, CHIVE/C-130-66, 14 June 1966,
   2 pp., Confidential.

   [ ] Research Unit, Data Processing Problem,
   CHIVE/C-131-66, 22 June 1966, 3 pp., Confidential.

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STATSPEC

Research Unit/RPD, CHIVE/C-132-66, 22 June 1966,
2 pp., Confidential.

Meeting with Potential Consumers of the Soviet
[   ]CHIVE/C-133-66, 24 June 1966, 2 pp.,
Confidential.

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[   ] CHIVE/C-134-66,
29 June 1966, 3 pp., Confidential.

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Training Additional Indexer As Back-up for SKAN,
CHIVE/C-135-66, 29 June 1966, 3 pp., Unclassified.

Security in the CAPRI System, CHIVE/C-137-66,
28 June 1966, 2 pp., Confidential.

2. Reports

Training Program for CHIVE Task Force Personnel,
CHIVE/R-1-66, 20 June 1966, 67 pp., Secret.

3. Task Descriptions

4. Working Papers

Page Reader Program Specifications--Basic
Functions - PR-2, CHIVE/W-17-66, 7 June 1966,
10 pp., Unclassified.

Recommendation for Inclusion of Film Material
in CHIVE, CHIVE/W-18-66, 8 June 1966, 19 pp.,
Confidential.

Study of Potential CHIVE Records Retention
Criteria, CHIVE/W-19-66, 1 June 1966, 37 pp.,
Confidential.

Subject Intelligence Code (SIC) Indexing Test,
CHIVE/W-20-66, 17 June 1966, 23 pp., Secret.

CHIVE Physical Security Plan, CHIVE/W-21-66,
30 June 1966, Draft, Secret.

CHIVE Personnel Security Plan, CHIVE/W-22-66,
30 June 1966, Draft, Secret.

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CHIVE Top Secret Control Plan, CHIVE/W-23-66,
30 June 1966, 40 pp., Secret/CIA Internal Use
Only.

G. Briefings, Meetings, Miscellany   25X1A

    1. SPINT Staff and OS were briefed by [   ]
and [   ] on CHIVE EDP security.

    2. On 16 June a meeting was held with [   ]   25X1A
[   ] GR, to review
CHIVE/W-18-66, the recommendation for CHIVE film proces-
sing.

    3. A meeting attended by [   ] OCS,   25X1A
and [   ], on behalf of CTF and [   ]   25X1A
[   ] OCS Technical Staff, provided
for limited program testing on the 360 (Mod 50) prior
to arrival of the 360 (Mod 65).

    4. At a meeting with [   ]   25X1A
OCS, and [   ] interest was expressed by [   ]   25X1A
[   ] in using the OCS/PSD EPIC automated   25X1A
printing system for the SIC.

    5. On 13 June a meeting was held with [   ]
[   ] of the Map Library to discuss the Maps and   25X1A
Graphics Task's working paper on map processing.

    6. [   ] attended a   25X1A
briefing on the Formatted File System presented by [   ]   25X1A
representatives to OCR management, 1 June.

    7. [   ] attended the first two
days of a course conducted by [   ] on EDP   25X1A
planning and design, sponsored by the DDP Systems Group,
2 and 8 June.

    8. [   ] attended a briefing by representatives   25X1A
of IAD/NPIC on recently collected information about
Soviet installations, 8 June.

    9. Various representatives from CTF visited ORD
9 June where they were briefed on the plans and programs
of the Analysis Division. The SDC-designed "Micro"

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system was also demonstrated. Follow-up discussions
were held between [   ]
[   ] concerning COINS interface, CHIVE planning, and
related matters.

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10. [   ] briefed the
Director of the Office of Communications on CHIVE,
13 June.

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11. On 15 June [   ]
[   ]
[   ], on the CHIVE Project.

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12. [   ] briefed
the Office of the Director, OCR, on the results to
date of the [   ] Requirements Study, 21 June.

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13. [   ] met with
the DD/CR to discuss OCR management data reporting and
the status of CHIVE's management information system
design, 22 June.

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14. [   ] briefed the Deputy
Director for Intelligence and the Assistant Deputy
Director for Intelligence on the CHIVE effort, 23 June.
Others in attendance included the Director of Central
Reference, Deputy Director of Central Reference, and
[   ] from the CTF.

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15. [   ] talked to
DIA representatives [   ]
etc.) about CODIB Task Team IV (Installations) Recom-
mendations. (3 June 1966).

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16. On 13 June 1966, personnel from BR and CHIVE
met for preliminary discussions for the development of
a machine processible Soviet [   ]

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17. On 21 June 1966, [   ] briefed 12
Collateral Support personnel from NPIC in the Key Bldg.
on CHIVE.

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II. PERSONNEL   25X1A

A. Training

1. [   ] left the ALP project 17 June [   ] 25X1A

[   ] to attend the University of Maryland

in connection with the Defense Education Program.

2. [   ] attended the   25X1A

Planning Implementing Computer Based Management Informa-

tion Systems course, AMA, New York, 12-15 June.

3. [   ] attended the Brandon Lecture

course on 14 June; [   ] attended the course on   25X1A

21 and 22 June.

B. Agency

1. Two new OCR employees reported for duty during

the reporting period: [   ]

and [   ] secretary, 25X1A

2. [   ] Systems Designs, resigned

from the Agency, 17 June.

3. Agency personnel assigned full time to CTF

during June:

OCR

[   ]   25X1A

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OCS

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C.

1. Personnel currently assigned to Project CHIVE (on-site):

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2. Personnel Changes:

a. On 20 June, [ ] Associate Programmer, was inducted into the armed services. He was removed from the Project on 16 June.

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b. On 14 June, [ ] secretary, was granted her final clearance and commenced participation on the Project.

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c. Recruiting efforts are continuing. On 23 June [ ] an Associate Programmer currently assigned to another customer site contract agreed to join the CHIVE Project. Clearance papers will be submitted as soon as possible and [ ] will be available for assignment early in July. Two additional personnel requisitions for programmers remain unfilled.

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III. BUDGET AND FISCAL

A. [ ]

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1. The total number of contractor man-hours expended on CHIVE during June was approximately [ ]

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2. Expenditures to date on the current contract are approximately 92 percent of the total budget. Exhaustion of current funding is anticipated by the latter part of July. A proposal is being prepared to provide follow-on coverage from July 1966 through June 1967. The proposal is to be submitted early in July.

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B. [   ]

1. About 11 percent of the budget funds remain for 0 percent of the budgeted time of the Project.

2. A two-month extension in project time with no increase in funds was requested on 22 June. This will permit some additional data collection and reporting tasks to be completed.

C. CHIVE Task Force

- The total number of man days expended on numbered tasks by all Task personnel (including part time members is as follows:

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a. Integration and Plans Staff   —

b. Systems Design Group   —

c. Program Design Group   —

d. Automatic Language Processing Group —

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Chief, Integration & Plans Staff
CHIVE Task Force

JH:ec

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