OC-M-72-794

11 DEC 1972

MEMORANDUM FOR: Chief, Covert Communications Division, OC
Chief, Staff Communications Division, OC
Chief, ⬚ OC STATINTL
Chief, Communications Security Staff, OC

THROUGH : Deputy Director of Communications

SUBJECT : OCS ADP Applications

REFERENCES : A. OCS Monthly Project Activity Report,
October 1972
B. OC Order 7█.6 B 2

1. Reference A is the OC portion of an OCS report detailing ADP manpower and equipment support rendered to various Agency components. As presently used, this report is for management information only; individual offices are not directly charged for ADP support. However, the total manhour and dollar figures identified for OC is very substantial and raises questions concerning the accuracy of the data and the essentiality of the reports.

2. There is neither a desire nor an intent to restrict OC use of OCS support facilities, but we must be absolutely sure our requirements are valid and the reported cost of the support is proportional to the value of the reports being produced. Therefore, in accordance with Reference B, it is requested that each addressee review the attached report, identify sponsored projects, revalidate the requirement by written statement as appropriate, and comment on the accuracy of the OCS manpower and equipment statements. Please forward your replies to OC-EXA by 29 December 1972.

STATINTL

OC-EXA ⬚ /mlg (8 December 1972)

Distribution:
1 - OC-P W/att.
1 - OC-EXA Chrono W/o att.
1 - OC-EXA Subject File W/att.
2 - Each Addressee W/att.   Executive Assistant, OC   STATINTL

Attachment:
OCS Monthly Project Activitiy Report, October 1972

cc: Chief, Program Coordination Staff, OC

SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM
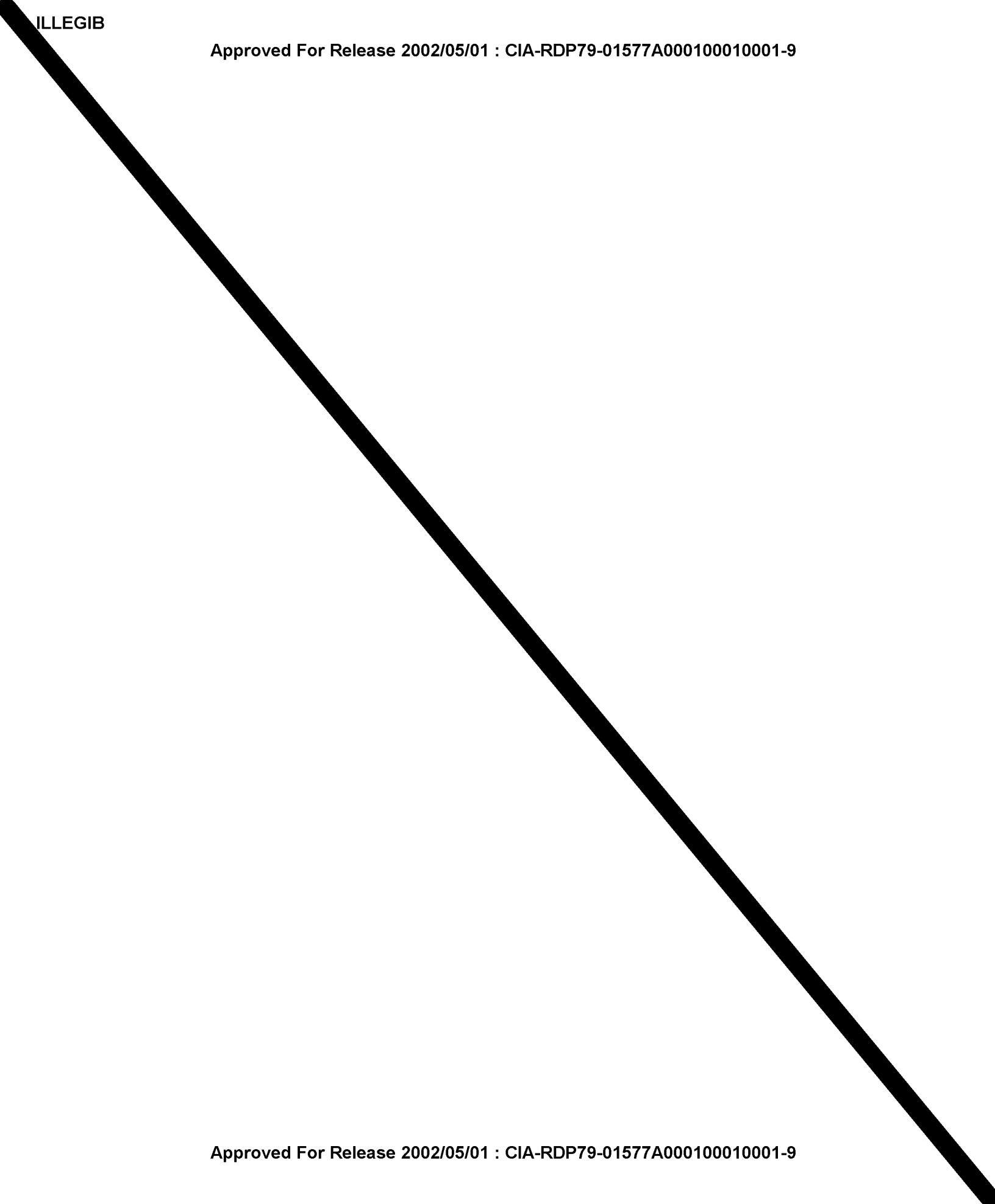
UNCLASSIFIED		CONFIDENTIAL		SECRET

OFFICIAL ROUTING SLIP

TO	NAME AND ADDRESS	DATE	INITIALS
1	OC - P	11 DEC 1972	
2	OC - CCD	11 DEC 1972	
3	OC - EXN		
4			
5			
6			

	ACTION		DIRECT REPLY		PREPARE REPLY
	APPROVAL		DISPATCH		RECOMMENDATION
	COMMENT		FILE		RETURN
	CONCURRENCE		INFORMATION		SIGNATURE

Remarks:

FOLD HERE TO RETURN TO SENDER

FROM: NAME, ADDRESS AND PHONE NO.	DATE

UNCLASSIFIED CONFIDENTIAL

(40)

FORM NO. 237   Use previous editions
1-67

OC RECORDS CONTROL SCHEDULE #3377

ITEM # 4

DATES / APR 69 TO 31 Dec 72

ROUTING AND RECORD SHEET

5 Dec. 72

SUBJECT: (Optional)

OCS Project Activity Report - October 1972

FROM:		EXTENSION	NO. OCS-1241-72
D/OCS		4502	DATE 4 Dec. 72

TO: (Officer designation, room number, and building)	DATE RECEIVED	DATE FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
1. ~~D/OC~~ 2 D 00, Hq				
2.				
3. D/CO	6 Dec		RPS	5. Carl - Pls check these items out - are they all necessary/appropriate to the degree shown? Alternatives? RPS
4. DD/CO	7 Dec		JJR	
5. OC-EXA	7 Dec			
6. OC-P				
7. OC-CCD				
8.				ACTION →
9.				I wonder if they truly
10.				used 634 man hours for
11.				OC ! Seems excessive to
12.				me. JJR.
13.				
14.				
15.				
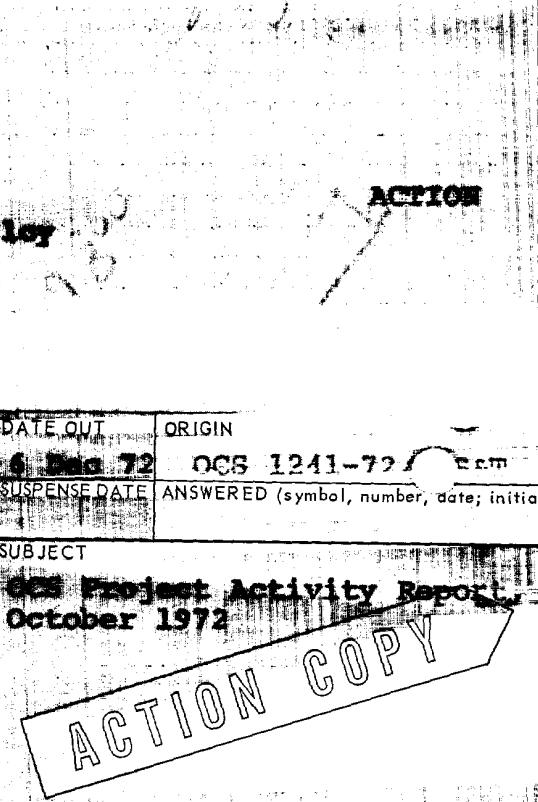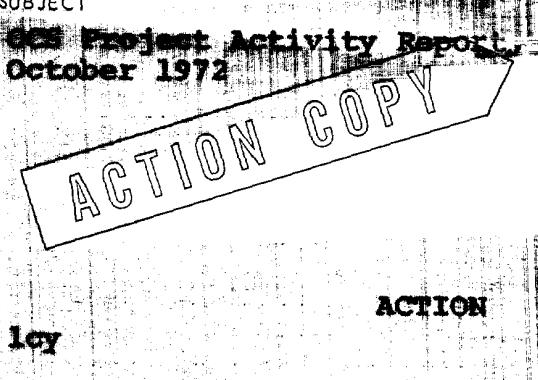
FORM 3-62   610   USE PREVIOUS EDITIONS   ☐ SECRET   ☐ CONFIDENTIAL   ☐ INTERNAL USE ONLY   ☐ UNCLASSIFIED

DATE OUT	ORIGIN		DOC.SEC. CLASS
6 Dec 72			SECRET
SUSPENSE DATE	ANSWERED (symbol, number, date; initials)		

SUBJECT	FILE CLASS/DESTROYED

**OCS Project Activity Report,
October 1972**

ACTION

1cy

ROUTING	DATE SENT
D/	
DD/C	
EXA	
CCD	

DATE OUT	ORIGIN		DOC.SEC. CLASS
6 Dec 72	OCS 1241-72		SECRET
SUSPENSE DATE	ANSWERED (symbol, number, date; initials)		

SUBJECT	FILE CLASS/DESTROYED

**OCS Project Activity Report,
October 1972**

ACTION COPY

ACTION

1cy

ROUTING	DATE SENT
DD/	
EXA	
P	
CCD	

OCS Project Activity Report, October 1972   4 DEC 1972

Distribution:
Copy #1 - C/IPB*
       2 - DD/S Member IPB* (FYI--Retain or Destroy)
       3 - DD/S&T Member IPB*
       4 - DD/I Member IPB*
       5 - DD/P Member IPB*
       6 - D/OCS*
       7 - OCS Admin., ATS, APS* (Return to D/OCS)
       8 - OCS/OPS*
       9 - OCS/ISD*
      10 - OCS/MSD*
      11 - OCS/SAD*
      12 - IG (pp 2)
      13 - D/DCI/IC (pp 4, 5)
      14 - SAVA (pp 6)
      15 - D/OSR (pp 8-13)
      16 - D/OBGI (pp 15, 16)
      17 - D/CRS (pp 17, 18)
      18 - D/OCI (pp 19)
      19 - D[   ](pp 20, 21)
      20 - D/OER (pp 22-26)
      21 - D/NPIC (pp 27)
      22 - C/IRS (pp 28, 29)
      23 - D/DCS (pp 30)
      24 - D/OMS (pp 35, 36)
      25 - D/OC (pp 37-41)
      26 - D/OF (pp 42-47)
      27 - D/OL (pp 48-50)
      28 - D/OP (pp 51-59)
      29 - D/OS (pp 60-62)
      30 - D/OTR (pp 63)
      31 - D/OEL (pp 75-78)
      32 - D/ORD (pp 79-81)
      33 - D/OSA (pp 82-84)
      34 - D/OSI (pp 85-90)
      35 - D/FMSAC (pp 91, 92)
      36 - D/OSP (pp 93-97)
      37 - C/ISD (pp 100)
      38 - C/FIS (pp 101)
      39 - C/TSD (pp 102, 103)
      40 - C/SB (pp 104)

* Full Report

STATINTL

STATSPEC

E 2 IMPDET CL BY 036490

PERIOD OCTOBER 1972
DIRECTORATE DD/S   PROJECT ACTIVITY REPORT
OFFICE OC

			----- THIS PERIOD -----			----- FISCAL YEAR TO DATE -----		
			HOURS	RUNS	PRICE	HOURS	RUNS	PRICE
			ELAPSED - CPU			ELAPSED - CPU		

CS   ✓AHVQCO   ENCODING AND DECODING FOR THE LAOTIAN SSB VOICE CODE NET.

			ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
	MANPOWER		1			$17	1			$17
STATINTL	TOTAL					$17				$17

CCD ·PRORCAST   ✓ANTENNA   ANALYSIS OF ANTENNA DESIGN, GAIN PATTERN, AND SIGNAL CHARACTERISTICS.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	160			$2,720	604			$10,268
DRUM PLOTTER	0		0	$0	0		1	$2
IBM 360/CP	0	0.00	0	$0	98	6.83	108	$7,147
IBM 360/OS	16	4.29	41	$2,723	48	13.70	105	$7,034
IBM 360/20	0		0	$0	0		1	$15
TOTAL				$5,443				$24,466

SCD   BYCEPA   A WORLD-WIDE INVENTORY SYSTEM FOR COMMUNICATIONS EQUIPMENT.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	0			$0	21			$357
DATA PREPARE	0			$0	41			$205
IBM 360/OS	0	0.00	0	$0	18	1.73	12	$1,016
IBM 360/20	0		0	$0	41		16	$1,297
TOTAL				$0				$2,875

CS   ✓ BYTAUK   PRODUCES CODE TABLES FOR USE OVER INSECURE TELEPHONE LINES.

		ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
	MANPOWER	2			$34	2			$34
	IBM 360/OS	0	0.04	1	$18	0	0.04	1	$18
STATINTL	TOTAL				$52				$52

PERIOD OCTOBER 1972
DIRECTORATE DD/S   PROJECT ACTIVITY REPORT
OFFICE OC

STATINTL

STATINTL			THIS PERIOD			FISCAL YEAR TO DATE		
			HOURS	RUNS	PRICE	HOURS	RUNS	PRICE
			ELAPSED - CPU			ELAPSED - CPU		

SCD

SUPPORT TO CABLE TRAFFIC ANALYSIS.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	10			$170	36			$612
DATA PREPARE	16			$80	59			$299
IBM 360/OS	10	0.30	6	$724	48	1.28	30	$3,010
IBM 360/20	1		1	$37	4		3	$129
TOTAL				$1,011				$4,050

1 DO
2 CS
3 CCD

CODTAB   PRODUCTION OF VARIOUS CODE TABLES.

STATINTL

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	68			$1,156	144			$2,448
DATA PREPARE	0			$0	8			$40
IBM 360/OS	10	1.57	22	$1,583	14	2.62	38	$2,707
IBM 360/20	6		8	$192	13		17	$464
TOTAL				$2,931				$5,659

R 9074

COMSKED   PRODUCTION OF VARIABLE PERIOD TRANSMISSION SCHEDULES.

CCD

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	22			$374	80			$1,360
IBM 360/OS	5	2.61	4	$1,172	19	8.68	14	$4,367
IBM 360/20	4		5	$141	22		18	$714
TOTAL				$1,687				$6,441

STATINTL

COMSTAT   WORK MEASUREMENT SYSTEM.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	14			$238	50			$850
DATA PREPARE	31			$157	102			$514
DRUM PLOTTER	10		18	$359	28		61	$1,078
IBM 360/OS	3	0.04	31	$42	7	0.09	81	$118
TOTAL				$796				$2,560

			----- THIS PERIOD -----			----- FISCAL YEAR TO DATE -----		
			HOURS	RUNS	PRICE	HOURS	RUNS	PRICE
			ELAPSED - CPU			ELAPSED - CPU		

SCD FADEONCE   ANALYSIS OF COMPONENT FAILURE OF COMMUNICATION EQUIPMENT.

STATINTL

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	17			$289	67			$1,139
CARD PROCESS	1			$10	1			$15
DATA PREPARE	7			$35	27			$137
IBM 360/CP	0	0.00	0	$0	2	0.00	11	$75
IBM 360/OS	0	0.02	2	$19	3	0.28	19	$225
TOTAL				$353				$1,591

STATINTL

FEASIBLE   FEASIBILITY STUDIES. ANALYSIS OF CUSTOMER REQUIREMENTS TO
22-400   DEFINE PROBLEMS AND DETERMINE THE FEASIBILITY OF ADP SOLUTIONS.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
IBM 360/OS	0	0.03	10	$41	0	0.07	23	$85
TOTAL				$41				$85

CCD FRASA   FILE MANAGEMENT OF FREQUENCY REGISTER AND SYSTEM
                  ASSIGNMENT DATA

STATINTL

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	14			$238	129			$2,193
DATA PREPARE	0			$0	2			$10
IBM 360/OS	1	0.02	7	$20	3	1.25	30	$599
TOTAL				$258				$2,802

KEYSET   PRODUCTION OF SWITCH SETTINGS FOR THE RS/523 VOICE
           PRIVACY SYSTEM.

STATINTL *CCD*

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	2			$34	2			$34
TOTAL				$34				$34

PERIOD OCTOBER 1972
DIRECTORATE DD/S   PROJECT ACTIVITY REPORT
OFFICE OC

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	----- THIS PERIOD -----				----- FISCAL YEAR TO DATE -----		
	HOURS		RUNS	PRICE	HOURS		RUNS	PRICE
	ELAPSED	- CPU			ELAPSED	- CPU		

NAL   PROCESSING OF CIPHER TEXT.

MANPOWER	0			$0	17			$289
IBM 360/OS	0	0.00	0	$0	16	0.05	34	$71
TOTAL				$0				$360

IO   PREDICTION OF RADIO FREQUENCY PROPAGATION FOR COMMUNICATIONS
          SYSTEMS.

MANPOWER	(203)			$3,451	790			$13,430
DATA PREPARE	1			$5	2			$10
DRUM PLOTTER	5		19	$221	43		116	$1,653
IBM 360/CP	162	11.01	266	$12,955	715	54.25	829	$58,959
IBM 360/OS	104	31.81	271	$19,134	553	240.19	1171	$119,464
IBM 360/20	2		2	$88	7		10	$315
TOTAL				$35,854				$193,831

STATINTL   REGION   MANAGEMENT OF AN INVENTORY OF COMMO POSITIONS, SIGNAL PLANS,
                     EQUIPMENT, FREQUENCIES, AND RELATED INFORMATION.

MANPOWER	4			$68	67			$1,139
DATA PREPARE	0			$0	13			$65
IBM 360/OS	0	0.00	0	$0	1	0.08	13	$105
TOTAL				$68				$1,309

SCD   RENOSYS   MANAGEMENT OF INFORMATION ON OC EQUIPMENT NUMBER FILE.

STATINTL

DATA PREPARE	0			$0	3			$15
IBM 360/OS	0	0.00	0	$0	0	0.02	3	$57
TOTAL				$0				$72

SECRET

PERIOD OCTOBER 1972
DIRECTORATE DD/S   PROJECT ACTIVITY REPORT   PAGE 41
OFFICE OC

			THIS PERIOD			FISCAL YEAR TO DATE		
STATINTL		ELAPSED	HOURS – CPU	RUNS	PRICE	ELAPSED	HOURS – CPU	RUNS	PRICE

SIGNAL   DEVELOPMENT AND IMPLEMENTATION OF SIGNAL ANALYSIS TECHNIQUES.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
DRUM PLOTTER	0		0	$0	21		36	$774
IBM 360/CP	4	0.19	7	$228	24	0.40	53	$856
IBM 360/OS	0	0.00	0	$0	16	1.67	49	$1,167

STATINTL   TOTAL $228 $2,797

PREDICTION OF SATELLITE ORBITS.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	117			$1,989	446			$7,582
IBM 360/CP	22	0.17	80	$693	101	1.47	302	$3,558
IBM 360/OS	32	3.61	105	$2,323	270	39.46	428	$20,925
IBM 360/20	0		0	$0	2		5	$82

STATINTL   TOTAL $5,005 $32,147

WIRELIST   MANAGEMENT OF DATA DISTRIBUTION GRID.

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
IBM 360/CP	9	0.22	18	$389	9	0.22	18	$389
IBM 360/OS	6	1.00	28	$390	6	1.01	29	$395
TOTAL				$779				$784

TOTAL FOR THIS OFFICE

	ELAPSED	CPU	RUNS	PRICE	ELAPSED	CPU	RUNS	PRICE
MANPOWER	634			$10,778	2456			$41,752
CARD PROCESS	1			$10	1			$15
DATA PREPARE	55			$277	257			$1,295
DRUM PLOTTER	15		37	$580	92		214	$3,507
IBM 360/CP	197	11.59	371	$14,265	949	63.17	1321	$70,984
IBM 360/OS	187	45.34	528	$28,189	1022	312.22	2080	$161,363
IBM 360/20	13		16	$458	89		70	$3,016
TOTAL	1102	56.93	952	$54,557	4866	375.39	3685	$281,932