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ROUTING AND TRANSMITTAL SLIP 1 APRIL 1986

ER-86-1336X

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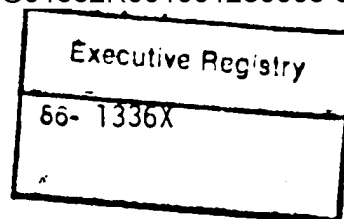
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3637 (10-81)



DEFENSE COMMUNICATIONS AGENCY
WASHINGTON, D. C. 20305 - 2000



IN REPLY
REFER TO H670

26 March 1986



Director
Central Intelligence Agency
Washington, D. C. 20505

Dear Sir:

The purpose of this letter is to provide FY 1986 Communications Services Industrial Fund (CSIF) billing rates and CSIF planning rates covering FY 1987 through FY 1992, to assist you in any long-range planning requirements.

The CSIF planning rates provided by this letter allow for recently updated customer requirements, approved tariff changes, and guidance from the Office of the Secretary of Defense, concerning appropriate price escalation indices.

a. DSN/AUTOVON Backbone: Billing rates for FY 1986 and planning rates for FY 1987 through FY 1992 are contained in enclosure 1.

b. DCTN Non-Switched Service: Billing rates for FY 1986 and planning rates for FY 1987 through FY 1992 non-switched data/voice service are contained in enclosure 2. Additional rates will be published as new requirements materialize.

c. Billing rates for FY 1986 and planning rates for FY 1987 through FY 1992 that DoD components should plan to charge non-DoD agencies for secure voice AUTOVON service that is provided via their secure voice facilities, e.g., FTC 3ls, cord switch-boards, etc. are provided in enclosure 3. As in the past, reimbursement for interconnections between DoD and non-DoD secure voice networks in the Washington, D.C. area will be as mutually agreed between those agencies concerned.

d. Planning rates for Oahu Telephone System (OTS) service are currently being developed and will be published by 1 May 1986.

e. AUTODIN Backbone: Billing rates for FY 1986 and planning rates for FY 1987 through FY 1992 are contained in enclosure 4. Due to the limited connectivity remaining in the AUTODIN network, and the increased cost to provide Query Response service, the Query Response planning rates for FY 1986

through FY 1992 have been increased, as indicated in PART II of enclosure 4. It should be noted that the monthly rate for Query Response service for FY 1986 through FY 1992 will not exceed the basic monthly rates provided in PART I of enclosure 4, based on the speed of service, for the specific Fiscal Year indicated.

f. Defense Data Network (DDN) Backbone Rates:

(1) DDN backbone billing rates for FY 1986 and planning rates for FY 1987 through FY 1992 are contained in enclosure 5. The rates in PART I continue to be based on a flat monthly rate for listed DoD activities, based on their projected usage of the DDN. For other DoD and non-DoD activities, the rates indicated in PART II are based on a cost per month for each occupied IMP Host Port. Generally, the non-DoD users represent those activities which have been transferred from the ARPANET into the MILNET, which will become part of the DDN. The DDN monthly planning rates also include WWMCCS Intercomputer Network (WIN) customer activities, which have been transferred to the DDN.

(2) The increase in monthly backbone charges, beginning in FY 1988, reflects approval by the Assistant Secretary of Defense to procure equipment in support of the DDN from Communications Services Industrial Fund resources.

(3) The DDN backbone planning rates provided in enclosure 5 do not include any provisions for "Billing by Utilization." The feasibility of developing and publishing a combination of billing by connectivity and by utilization (i.e., by number of packets transmitted, time on line, distance, by precedent, etc.) has not yet been determined. If at a future date it is determined that "Billing by Utilization" should be implemented, all customer activities will have an opportunity to comment on the proposed method to be used, and will have sufficient time to adjust their funding requirements accordingly.

g. ARPANET Backbone Rates:

(1) ARPANET Backbone billing rates for FY 1986 are contained in PART I of enclosure 6. The basic charge per month per node will be increased by 10% for each additional BBN/C30 IMP or TAC connected to the basic node to accommodate additional host or terminal interfaces. C30's other than those co-located with an existing node will be considered as a new node and the full basic backbone charge will apply.

(2) ARPANET Backbone planning rates for FY 1987 through FY 1992 are contained in PART II of enclosure 6. Beginning in FY 1987, ARPANET Backbone services will be billed based on a cost per month for each occupied IMP Host Port.

h. Multiplex System billing rates for FY 1986 and planning rates for FY 1987 through FY 1992 are contained in enclosure 7, as follows:

- (1) Part I: Transoceanic teletype (75 BPS) and data (2400 BPS) Service
- (2) Part II: CONUS Channel Packing Service
- (3) Part III: CONUS VFCT Service
- (4) Part IV: European Channel Packing Service
- (5) Part V: 1.544 MBPS Service
- (6) Part VI: Washington Area Wideband System I-V (WAWS I-V):
The billing rates are for point-to-point (within WAWS) service by modulation rate and are to be charged to the agency that requests the service, i.e., an agency that desires a 1.544 MBPS circuit from Andrews to Site R will be charged \$11,029 per month plus DECCO Overhead. The rate is applicable from the point of entrance into WAWS to the point of exit and will not be charged by segments, i.e., Andrews - Meade and Meade - Site R. A rate for 36.818 MBPS (Color TV) from the Pentagon - Site R is offered at \$102,000 per month which includes associated A/D converters (\$18,000) necessary for interfacing the video with the WAWS Transmission Media. The rates do not include DECCO Overhead changes.
- (7) Part VII: Hawaii Area Wideband System (HAWS)

i. The Overhead rates for FY 1986 through FY 1992 on all service for non-DoD activities will be 1.25 percent. Only AUTOVON and AUTODIN backbone rates announced in this letter have been calculated to include the overhead charge.

j. Rate Stabilization: The CSIF rate stabilization policy as established by my letter dated 22 June 1982 is currently in effect and will continue through FY 1992. Except for those services that are applicable to the rates published elsewhere in this letter, the following stabilization rates will be used for all other applicable services leased through the CSIF, for each addressee, and will be billed by the Defense Commercial Communications Office (DECCO):

<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
3.2% *	4.1%	3.9%	3.4%	2.9%	2.3%	2.3%

* This revised lower rate for FY 1986 will be effective 1 April 1986.

These stabilization rates may vary due to annual revisions, as published by the Assistant Secretary of Defense (Comptroller), and will be effective at the beginning of each respective fiscal year, with the actual cost at the end of the previous fiscal year used as the base.

To assist CSIF customer activities in developing their outyear budget requirements, future CSIF outyear planning rate letters will be published during February and July of each year.

For additional information on CSIF billing/planning rates, or for additional copies of this letter, please call AUTOVON 222-2824 or 2142 (Washington, D.C. area: 692-2824 or 2142).

Sincerely,



ROBERT W. HELMS
Deputy Director
Resource Management

- 7 Enclosures
- 1 DSN/AUTOVON Rates
- 2 DCTN Non-Switch Rates
- 3 Non DoD Secure Voice Rates
- 4 AUTODIN Rates
- 5 DDN Rates
- 6 ARPANET Rates
- 7 Multiplex System Rates

Prepared 19 SEP 1985

DSN/AUTOVON

FY 1986 MONTHLY BILLING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA									
	LOCAL		AREA		AREA +			GLOBAL		
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS		** CADIN
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)										
Flash (4)	84	1,176	2,284	172	2,348	3,872	5,564	3,344	8,216	2,260
Immediate (3)	63	882	1,713	129	1,761	2,904	4,173	2,508	6,162	1,695
Priority (2)	42	588	1,142	86	1,174	1,936	2,782	1,672	4,108	1,130
Routine (1)	21	294	571	43	587	968	1,391	836	2,054	565
Phone/Data and PBX (Send Only) Service										
Flash (8)	168	2,352	4,568	344	4,696	7,744	11,128	6,688	16,432	4,520
Immediate (6)	126	1,764	3,426	258	3,522	5,808	8,346	5,016	12,324	3,390
Priority (4)	84	1,176	2,284	172	2,348	3,872	5,564	3,344	8,216	2,260
Routine (2)	42	588	1,142	86	1,174	1,936	2,782	1,672	4,108	1,130
Monthly Rate Per Weighted Unit (1)	21	294	571	43	587	968	1,391	836	2,054	565

* Weighted Units Shown in Parentheses

** Applies only to Air Force

Prepared 17 Mar 1986

DNS/AUTOVON

FY 1987 MONTHLY PLANNING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA									
	LOCAL		AREA			AREA +			GLOBAL	
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS		
Flash (4)	284	1,784	2,364	568	3,572	4,872	7,668	3,484	11,292	2,344
Immediate (3)	213	1,338	1,773	426	2,679	3,654	5,751	2,613	8,469	1,758
Priority (2)	142	892	1,182	284	1,786	2,436	3,834	1,742	5,646	1,172
Routine (1)	71	446	591	142	893	1,218	1,917	871	2,823	586
Phone/Data and PBX (Send Only) Service										
Flash (8)	568	3,568	4,728	1,136	7,144	9,744	15,336	6,968	22,584	4,688
Immediate (6)	426	2,676	3,546	852	5,358	7,308	11,502	5,226	16,938	3,516
Priority (4)	284	1,784	2,364	568	3,572	4,872	7,668	3,484	11,292	2,344
Routine (2)	142	892	1,182	284	1,786	2,436	3,834	1,742	5,646	1,172
Monthly Rate Per Weighted Unit (1)	71	446	591	142	893	1,218	1,917	871	2,823	586

* Weighted Units Shown in Parentheses

** Applies only to Air Force

Enclosure 1
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Prepared 17 Mar 1986

DNS/AUTOVON

FY 1988 MONTHLY PLANNING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA										
	LOCAL		AREA			AREA +			GLOBAL		** CADIM
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS			
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)											
Flash (4)	1,476	3,684	2,644	2,952	7,368	7,848	12,432	3,636	18,628	2,620	
Immediate (3)	1,107	2,763	1,983	2,214	5,526	5,886	9,324	2,727	13,971	1,965	
Priority (2)	738	1,842	1,322	1,476	3,684	3,924	6,216	1,818	9,314	1,310	
Routine (1)	369	921	661	738	1,842	1,962	3,108	909	4,657	655	
Phone/Data and PBX (Send Only) Service											
Flash (8)	2,952	7,368	5,288	5,904	14,736	15,696	24,864	7,272	37,256	5,240	
Immediate (6)	2,214	5,526	3,966	4,428	11,052	11,772	18,648	5,454	27,942	3,930	
Priority (4)	1,476	3,684	2,644	2,952	7,368	7,848	12,432	3,636	18,628	2,620	
Routine (2)	738	1,842	1,322	1,476	3,684	3,924	6,216	1,818	9,314	1,310	
Monthly Rate Per Weighted Unit (1)	369	921	661	738	1,842	1,962	3,108	909	4,657	655	

* Weighted Units Shown in Parentheses

** Applies only to Air Force

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Prepared 17 Mar 1986

DNS/AUTOVON

FY 1989 MONTHLY PLANNING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA									
	LOCAL		AREA			AREA +			GLOBAL	
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS		
Flash (4)	1,404	3,872	2,872	2,804	7,740	8,004	12,964	3,896	19,116	2,848
Immediate (3)	1,053	2,904	2,154	2,103	5,805	6,003	9,723	2,922	14,337	2,136
Priority (2)	702	1,936	1,436	1,402	3,870	4,002	6,482	1,948	9,558	1,424
Routine (1)	351	968	718	701	1,935	2,001	3,241	974	4,779	712
Phone/Data and PBX (Send Only) Service										
Flash (8)	2,808	7,744	5,744	5,608	15,480	16,008	25,928	7,792	38,232	5,696
Immediate (6)	2,106	5,808	4,308	4,206	11,610	12,006	19,446	5,844	28,674	4,272
Priority (4)	1,404	3,872	2,872	2,804	7,740	8,004	12,964	3,896	19,116	2,848
Routine (2)	702	1,936	1,436	1,402	3,870	4,002	6,482	1,948	9,558	1,424
Monthly Rate Per Weighted Unit (1)	351	968	718	701	1,935	2,001	3,241	974	4,779	712

* Weighted Units Shown in Parentheses

** Applies only to Air Force

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Prepared 17 March 1986

DNS/AUTOVON

FY 1990 MONTHLY PLANNING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA									
	LOCAL		AREA			AREA +			GLOBAL	
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS		** CADIN
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)										
Flash (4)	1,056	3,676	3,112	2,112	7,352	7,604	13,024	4,544	18,948	3,084
Immediate (3)	792	2,757	2,334	1,584	5,514	5,703	9,768	3,408	14,211	2,313
Priority (2)	528	1,838	1,556	1,056	3,676	3,802	6,512	2,272	9,474	1,542
Routine (1)	264	919	778	528	1,838	1,901	3,256	1,136	4,737	771
Phone/Data and PBX (Send Only) Service										
Flash (8)	2,112	7,352	6,224	4,224	14,704	15,208	26,048	9,088	37,896	6,168
Immediate (6)	1,584	5,514	4,668	3,168	11,028	11,406	19,536	6,816	28,422	4,626
Priority (4)	1,056	3,676	3,112	2,112	7,352	7,604	13,024	4,544	18,948	3,084
Routine (2)	528	1,838	1,556	1,056	3,676	3,802	6,512	2,272	9,474	1,542
Monthly Rate Per Weighted Unit (1)	264	919	778	528	1,838	1,901	3,256	1,136	4,737	771

* Weighted Units Shown in Parentheses

** Applies only to Air Force

Enclosure 1
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Prepared 17 March 1986

DNS/AUTOVON

FY 1991 MONTHLY PLANNING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA										
	LOCAL		AREA			AREA +			GLOBAL		** CADIM
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS			
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)											
Flash (4)	1,036	3,768	3,340	2,076	7,532	7,860	13,496	4,808	19,484	3,312	
Immediate (3)	777	2,826	2,505	1,557	5,649	5,895	10,122	3,606	14,613	2,484	
Priority (2)	518	1,884	1,670	1,038	3,766	3,930	6,748	2,404	9,742	1,656	
Routine (1)	259	942	835	519	1,883	1,965	3,374	1,202	4,871	828	
Phone/Data and PBX (Send Only) Service											
Flash (8)	2,072	7,536	6,680	4,152	15,064	15,720	26,992	9,616	38,968	6,624	
Immediate (6)	1,554	5,652	5,010	3,114	11,298	11,790	20,244	7,212	29,226	4,968	
Priority (4)	1,036	3,768	3,340	2,076	7,532	7,860	13,496	4,808	19,484	3,312	
Routine (2)	518	1,884	1,670	1,038	3,766	3,930	6,748	2,404	9,742	1,656	
Monthly Rate Per Weighted Unit (1)	259	942	835	519	1,883	1,965	3,374	1,202	4,871	828	

* Weighted Units Shown in Parentheses

** Applies only to Air Force

Prepared 17 March 1986

DNS/AUTOVON

FY 1992 MONTHLY PLANNING RATES

Type of Service and Pre-emption Capability*	MAXIMUM CALL AREA										
	LOCAL		AREA			AREA +			GLOBAL		** CADIN
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS			
Phone; Phone/Secure Voice; Switch Facility Secure Voice; and PBX (Two-Way Service:)											
Flash (4)	896	3,852	3,612	1,796	7,704	7,908	14,000	5,116	19,800	3,584	
Immediate (3)	672	2,889	2,709	1,347	5,778	5,931	10,500	3,837	14,850	2,688	
Priority (2)	448	1,926	1,806	898	3,852	3,954	7,000	2,558	9,900	1,792	
Routine (1)	224	963	903	449	1,926	1,977	3,500	1,279	4,950	896	
Phone/Data and PBX (Send Only) Service											
Flash (8)	1,792	7,704	7,224	3,592	15,408	15,816	28,000	10,232	39,600	7,168	
Immediate (6)	1,344	5,778	5,418	2,694	11,556	11,862	21,000	7,674	29,700	5,376	
Priority (4)	896	3,852	3,612	1,796	7,704	7,908	14,000	5,116	19,800	3,584	
Routine (2)	448	1,926	1,806	898	3,852	3,954	7,000	2,558	9,900	1,792	
Monthly Rate Per Weighted Unit (1)	224	963	903	449	1,926	1,977	3,500	1,279	4,950	896	

* Weighted Units Shown in Parentheses

** Applies only to Air Force

Enclosure 1
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Prepared 25 Feb 1985

Defense Commercial Telecommunication Network (DCTN)
 Non-Switched Voice/Data Service
 FY 1986 Billing Rate

<u>Location</u>	<u>Kbps</u> <u>4.8</u>	<u>Kbps</u> <u>9.6</u>	<u>Kbps</u> <u>50</u>	<u>Kbps</u> <u>56</u>
Atlanta - GSA	\$ 364	\$ *	\$ *	\$ *
Detroit - GSA	654	*	*	*
Harrisburg - GSA	478	*	*	*
Huntsville - GSA	303	*	*	*
Los Angeles - GSA	330	*	*	*
Newark NJ - GSA	451	*	*	*
Salt Lake - GSA	343	*	*	*
San Diego - GSA	304	*	*	*
San Francisco - GSA	295	*	*	*
St. Louis - GSA	424	*	*	*
Washington 1 - GSA	316	*	*	*
Washington 3 - GSA	\$ 311	\$ *	\$ *	\$ *

Note: Where an asterisk (*) is shown on this sheet it indicates that the Agency responsible for the location listed has not expressed a requirement for voice/data service identified above, therefore, no rates have been developed.

Enclosure 2
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Prepared 20 Sep 1985
 Reevaluated 20 Mar 1986

Defense Commercial Telecommunication Network (DCTN)
 Non-Switched Voice/Data Service
 (Cost Per Circuit End)
 FY 1987-FY 1992 Monthly Planning Rate

<u>Location</u>	<u>Kbps</u> <u>4.8</u>	<u>Kbps</u> <u>9.6</u>	<u>Kbps</u> <u>50</u>	<u>Kbps</u> <u>56</u>
Atlanta - GSA	426	*	*	*
Detroit - GSA	682	*	*	*
Harrisburg - GSA	498	*	*	*
Huntsville - GSA	346	*	*	*
Los Angeles - GSA	383	*	*	*
Newark NJ - GSA	472	*	*	*
Salt Lake - GSA	368	*	*	*
San Diego - GSA	337	*	*	*
San Francisco - GSA	328	*	*	*
St. Louis - GSA	451	*	*	*
Washington 1 - GSA	339	*	*	*
Washington 3 - GSA	334	*	*	*

Note: Where an asterisk (*) is shown on this sheet it indicates that the agency responsible for the location listed has not expressed a requirement for voice/data service identified above, therefore, no rates have been developed.

Enclosure 2
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Prepared 21 March 1986

DSN/AUTOVON

 FY 1986 MONTHLY BILLING RATES FOR NON-DOD AGENCIES
 OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA								
	LOCAL			AREA		AREA +			GLOBAL
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS	
	---	---	---	---	---	---	---	---	---
Flash (4)	84	1,176	2,284	172	2,348	3,872	5,564	3,344	8,216
Immediate (3)	63	882	1,713	129	1,761	2,904	4,173	2,508	6,162
Priority (2)	42	588	1,142	86	1,174	1,936	2,782	1,672	4,108
Routine (1)	21	294	571	43	587	968	1,391	836	2,054

Enclosure 3
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Prepared 21 March 1986

DSN/AUTOVON
-----FY 1987 MONTHLY PLANNING RATES FOR NON-DOD AGENCIES
OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA									
	LOCAL		AREA				AREA +			GLOBAL
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS		
Flash (4)	284	1,784	2,364	568	3,572	4,872	7,668	3,484	11,292	
Immediate (3)	213	1,338	1,773	426	2,679	3,654	5,751	2,613	8,469	
Priority (2)	142	892	1,182	284	1,786	2,436	3,834	1,742	5,646	
Routine (1)	71	446	591	142	893	1,218	1,917	871	2,823	

Enclosure 3
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Prepared 21 March 1986

DSN/AUTOVON

 FY 1988 MONTHLY PLANNING RATES FOR NON-DOD AGENCIES
 OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA								
	LOCAL		AREA			AREA +			GLOBAL
	-----		-----			-----			-----
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS	
Flash (4)	1,476	3,684	2,644	2,952	7,368	7,848	12,432	3,636	18,628
Immediate (3)	1,107	2,763	1,983	2,214	5,526	5,886	9,324	2,727	13,971
Priority (2)	738	1,842	1,322	1,476	3,684	3,924	6,216	1,818	9,314
Routine (1)	369	921	661	738	1,842	1,962	3,108	909	4,657

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Prepared 21 March 1986

DSN/AUTOVON

 FY 1989 MONTHLY PLANNING RATES FOR NON-DOD AGENCIES
 OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA								
	LOCAL		AREA			AREA +			GLOBAL
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS	
	-----	-----	-----	-----	-----	-----	-----	-----	-----
Flash (4)	1,404	3,872	2,872	2,804	7,740	8,004	12,964	3,896	19,116
Immediate (3)	1,053	2,904	2,154	2,103	5,805	6,003	9,723	2,922	14,337
Priority (2)	702	1,936	1,436	1,402	3,870	4,002	6,482	1,948	9,558
Routine (1)	351	968	718	701	1,935	2,001	3,241	974	4,779

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Prepared 21 March 1986

DSN/AUTOVON

 FY 1990 MONTHLY PLANNING RATES FOR NON-DOD AGENCIES
 OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA								
	LOCAL		AREA			AREA +			GLOBAL
	-----		-----			-----			-----
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS	
Flash (4)	1,056	3,676	3,112	2,112	7,352	7,604	13,024	4,544	18,948
Immediate (3)	792	2,757	2,334	1,584	5,514	5,703	9,768	3,408	14,211
Priority (2)	528	1,838	1,556	1,056	3,676	3,802	6,512	2,272	9,474
Routine (1)	264	919	778	528	1,838	1,901	3,256	1,136	4,737

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Prepared 21 March 1986

DSN/AUTOVON

 FY 1991 MONTHLY PLANNING RATES FOR NON-DOD AGENCIES
 OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA								
	LOCAL		AREA			AREA +			GLOBAL
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS	
Flash (4)	1,036	3,768	3,340	2,076	7,532	7,860	13,496	4,808	19,484
Immediate (3)	777	2,826	2,505	1,557	5,649	5,895	10,122	3,606	14,613
Priority (2)	518	1,884	1,670	1,038	3,766	3,930	6,748	2,404	9,742
Routine (1)	259	942	835	519	1,883	1,965	3,374	1,202	4,871

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Prepared 21 March 1986

DSN/AUTOVON

 FY 1992 MONTHLY PLANNING RATES FOR NON-DOD AGENCIES
 OR DEPARTMENTS CONNECTED TO DSN/AUTOVON THROUGH A DOD SECURE VOICE FACILITY

Type of Service and Pre-emption Capability	MAXIMUM CALL AREA								
	LOCAL		AREA			AREA +			GLOBAL
	EUR	PAC	CONUS	EUR	PAC	CONUS TO EUROPE & EUROPE TO CONUS	CONUS TO PAC & PAC TO CONUS	CONUS TO CARIB & CARIB TO CONUS	
	---	----	-----	---	----	-----	-----	-----	-----
Flash (4)	896	3,852	3,612	1,796	7,704	7,908	14,000	5,116	19,800
Immediate (3)	672	2,889	2,709	1,347	5,778	5,931	10,500	3,837	14,850
Priority (2)	448	1,926	1,806	898	3,852	3,954	7,000	2,558	9,900
Routine (1)	224	963	903	449	1,926	1,977	3,500	1,279	4,950

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Prepared as of March 1986

AUTODIN SERVICEPART I - FY 1986-FY 1992 MONTHLY PLANNING RATES
(EXCEPT FOR QUERY/RESPONSE SERVICE)

	<u>WEIGHTED</u> <u>UNITS</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
<u>HIGH SPEED</u>								
4.8 KB Access Line	(12)	10,500	10,980	11,460	11,940	12,480	12,960	13,440
2.4 KB Access Line	(8)	7,000	7,320	7,640	7,960	8,320	8,640	8,960
<u>MEDIUM SPEED</u>								
1.2 KB Access Line	(6)	5,250	5,490	5,730	5,970	6,240	6,480	6,720
.6 KB Access Line	(4)	3,500	3,660	3,820	3,980	4,160	4,320	4,480
<u>LOW SPEED</u>								
.3 KBS & Lower Access Line	(2)	1,750	1,830	1,910	1,990	2,080	2,160	2,240

Prepared as of March 1986

PART II - AUTODIN QUERY/RESPONSE SERVICE
FY 1986 - FY 1992 MONTHLY PLANNING RATES

<u>ACCESS LINE SPEED</u>	<u>NO OF TERMINALS/ HOST ACCESSED</u>	<u>SR CODE</u>	<u>AREA 1/ COST</u>	<u>SR COST</u>	<u>AREA PLUS 2/</u>	<u>SR CODE</u>	<u>WORLDWIDE</u>
HIGH SPEED (2400,4800)	1	L1	3,500	L5	5,000	L9	6,500
	2	L2	3,600	L6	5,100	LA	6,600
	3	L3	3,700	L7	5,200	LB	6,700
	4	L4	3,800	L8	5,300	LC	6,800
	5	LD	3,900	LF	5,400	LH	6,900
	6	LE	4,000	LG	5,500	LJ	7,000
MEDIUM SPEED (600,1200)	1	K1	1,800	K5	2,700	K9	3,600 *
	2	K2	1,900	K6	2,800	KA	3,700 *
	3	K3	2,000	K7	2,900	KB	3,800 *
	4	K4	2,100	K8	3,000	KC	3,900 *
	5	KD	2,200	KF	3,100	KH	4,000 *
	6	KE	2,300	KG	3,200	KJ	4,100 *
LOW SPEED (75, 150, 300)	1	J1	900	J5	1,200	J9	1,500
	2	J2	1,000	J6	1,300	JA	1,600
	3	J3	1,100	J7	1,400	JB	1,700
	4	J4	1,200	J8	1,500	JC	1,800 *
	5	JD	1,300	JF	1,600	JH	1,900 *
	6	JE	1,400	JG	1,700	JJ	2,000 *

1/ Area Service includes one of the following:

- (1) CONUS (Excluding Hawaii)
- (2) Pacific (Including Hawaii)
- (3) Europe

2/ Area Plus Service Includes one the following:

- (1) CONUS to Europe or Europe to CONUS
- (2) CONUS to Pacific or Pacific to CONUS

* Note: The Query/Response service monthly rate will not exceed the basic rates provided in PART I, based on the speed of service, for the specific Fiscal Year indicated.

Prepared as of March 1986

DEFENSE DATA NETWORK (DDN) SERVICE
MONTHLY BACKBONE PLANNING RATES
(DOLLARS IN THOUSANDS)

<u>PART I:</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
DEPARTMENT OF THE ARMY	1,400	1,575	2,325	2,450	2,565	2,670	2,675
DEPARTMENT OF THE NAVY	1,400	1,575	2,325	2,450	2,565	2,670	2,675
DEPARTMENT OF THE AIR FORCE	1,400	1,575	2,325	2,450	2,565	2,670	2,675
DEFENSE COMMUNICATIONS AGENCY	105	120	170	175	180	185	185
DEFENSE LOGISTICS AGENCY	122	137	208	215	220	225	225
DEFENSE INTELLIGENCE AGENCY	45	275	416	430	440	450	450
DEFENSE NUCLEAR AGENCY	10	10	12	13	13	14	14
NATIONAL SECURITY AGENCY	45	30	50	55	58	60	60

-- Defense Data Network backbone planning rates continue to be based on a flat monthly rate for the above listed DoD activities, based on their projected usage of the DDN.

PART II: MONTHLY BACKBONE PLANNING RATES FOR ALL OTHER DOD ACTIVITIES
NOT INDICATED IN PART I ABOVE, AND NON-DOD ACTIVITIES
(IN DOLLARS)

	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
Cost Per Month for Each Occupied IMP Host Port	\$ 4,500	\$ 5,000	\$ 6,300	\$ 6,400	\$ 6,500	\$ 6,600	\$6,700

-- These DDN planning rates do not include any provisions for "Billing by Utilization." The feasibility of developing and publishing a billing by connectivity/utilization rate structure has not yet been determined. If at a future date it is determined that "Billing by Utilization" should be implemented, all customer activities will have an opportunity to comment on the proposed method to be used, and will have sufficient time to adjust their funding requirements accordingly.

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Prepared as of March '1986

ARPANET SERVICE

MONTHLY BACKBONE BILLING/PLANNING RATES

PART I:

FY 1986

BASIC COST PER NODE..... COST PER EACH ADDITIONAL C30 IMP/TAC TO ACCOMMODATE ADDITIONAL HOST/TERMINAL INTERFACES (10%).....	\$11,500 \$ 1,150	For FY 1986 only, the basic cost per month per node will be increased by 10% for each additional BBN/C30 IMP or TAC connected to the basic node to accommodate additional host or terminal interfaces. C30's other than those co-located with an existing node will be considered as a new node and the full basic backbone charge will apply.
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PART II:

	<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
COST PER MONTH FOR EACH OCCUPIED IMP HOST PORT....	\$3,500	\$3,600	\$3,800	\$4,000	\$4,200	\$4,400

PART I

Transoceanic Rates		Monthly 753PS (\$)					
Location	FY86	FY87	FY88	FY89	FY90	FY91	FY92
WCoast-HAW	470	440	457	473	486	496	509
WCoast-Jap	390	355	369	381	392	401	411
Haw-Guan	360	370	394	398	409	418	428
HAW-Phil	435	490	509	526	542	554	567
HAW-JAP	550	465	483	500	514	526	538
HAW-AUST	930	968	1,006	1,040	1,070	1,095	1,120
ECoast-HAW	420	660	686	709	730	746	764
Guan-Phil	445	420	436	451	464	475	486
Guan-Jap	710	400	416	430	442	452	463
Guan-Aust	1,290	1,340	1,392	1,440	1,481	1,515	1,550
Phil-Jap	1,855	1,760	1,829	1,891	1,946	1,990	2,036
CONUS-EUR	550	525	545	564	580	594	607
CONUS-PR	335	330	343	355	365	373	382
CONUS-BER	420	400	416	430	442	452	463
CONUS-CZ	680	900	935	967	995	1,018	1,041

Transoceanic Rates		Monthly 600 BPS (\$)					
HAW-AUST	1,650	1,718	1,785	1,845	1,899	1,943	1,987
Guan-Phil	2,440	2,000	2,078	2,149	2,211	2,262	2,314

Transoceanic Rates		Monthly 2400 BPS (\$)					
CONUS-Jap	9,640	7,940	8,250	8,530	8,778	8,977	9,166
HAW-GUAM	4,660	4,500	4,676	4,834	4,975	5,099	5,206
HAW-PHIL	5,670	5,670	5,891	6,091	6,268	6,412	6,560
JAP-HAW	10,110	6,850	7,117	7,359	7,573	7,747	7,925
JAP-GUAM	9,120	7,890	8,127	8,466	8,711	8,912	9,117
GUAM-PHIL	8,070	5,700	5,922	6,124	6,301	6,446	6,594
CONUS-EUR	8,280	7,900	8,208	8,487	8,733	8,934	9,140
WCoast-HAW	2,410	2,410	2,504	2,589	2,664	2,725	2,783

The following exceptions apply to the above service.

- Special routing requested by the TCO. Costs incurred to provide special routing will be added to the standard rate.
- Circuit not compatible with the DCS teletype multiplex. Costs will be the actual costs to provide the service.
- Circuits to areas not covered by rate zones. Costs will be prorated among all users until a standard rate is established.
- Data service at 1200 bps is available at 50% of the 2400 bps rate.
- Services utilizing more than one teletype channel (up to 1200 BPS) will be billed at the appropriate multiples of those rates.

PART II

MONTHLY RATES FOR CONUS CHANNEL PACKING

In FY 1986 the rate for a 2.4 KBPS channel in the CONUS Channel Packing is \$.52 per airline mile. Services above a 2.4 KBPS are charged the appropriate multiples.

<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
\$0.45	\$0.47	\$0.48	\$0.33	\$0.33	\$0.33

PART III

MONTHLY RATES FOR CONUS VFCT SERVICE

In FY 1986 the rate for TTY (75 BPS) channels in DCS Voice Frequency Carrier Telegraph (VFCT) trunks leased within the contiguous United States is \$0.157 per airline mile. Services above 75 BPS are charged the appropriate multiples.

<u>FY 1987</u>	<u>FY 1988</u>	<u>FY 1989</u>	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>
\$0.13	\$0.135	\$0.14	\$0.11	\$0.11	\$0.11

PART IV

MONTHLY
EUROPEAN CHANNEL PACKING DATA RATES (DOLLARS)

LOCATION	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Ft Meade-Chicksands 1200 BPS	5,700	5,928	6,159	6,385	6,580	6,704	6,859
Intra-Europe Subsystem (Rate applies each link)							
1200 BPS	1,310	985	1,023	760	540	325	326
2400 BPS	2,620	1,970	2,047	1,520	1,050	657	657
4800 BPS	5,240	3,940	4,094	3,040	2,100	1,312	1,312
7200 BPS	7,860	5,910	6,140	4,560	3,240	1,970	1,970

PART V

1.544 MBPS SYSTEMS
MONTHLY RATES (DOLLARS)

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
W. Coast-Hawaii	2,410	2,410	2,504	2,589	2,664	2,725	2,788
CONUS-Puerto Rico	1,360	1,300	1,351	1,397	1,437	1,470	1,504
CONUS-Panama		7,110	7,387	7,638	7,860	8,041	8,224
Hawaii-Guam		3,460	3,595	3,717	3,825	3,910	4,003
CONUS-Bermuda		4,300	4,468	4,620	4,754	4,867	4,975
CONUS-Korea		6,250	6,494	6,715	6,909	7,069	7,231

PART VI

MAWS

12.928 MBPS Rates per Month (Dollars)

LOCATION	FY 1966	FY 1967	FY 1968	FY 1969	FY 1970	FY 1971	FY 1972
Pentagon-Bolling	41,724	41,724	43,351	44,825	41,974	42,840	43,927
Treasury-WHCA	7,165	7,165	7,444	7,693	3,770	3,856	3,945
Treasury-State	21,025	21,025	21,845	22,566	19,962	19,831	19,980
Treasury-NMCC(P)	21,972	21,972	22,829	23,605	20,139	20,102	21,076
Treasury-CIA	55,635	55,635	57,805	59,770	57,352	58,672	60,021
Treasury-Ft Meade	14,215	14,215	14,747	15,272	11,567	11,929	12,101
Ft Meade-Ft Belvoir	24,000	24,000	24,938	25,784	22,381	22,695	23,422
Site R-Paris	35,395	35,395	36,775	38,024	34,678	35,782	36,605
Ft Meade-Ft Detrick	14,060	14,060	14,608	15,105	11,392	11,654	11,922
Ft Detrick-Pentagon	23,670	23,670	24,537	25,429	22,016	22,522	23,040
Treasury-DSD(P)		16,165	16,795	17,366	13,719	14,035	14,357
Treasury-FBI		15,985	16,608	17,173	13,520	13,831	14,149
Treasury-NMCC(P)		16,640	17,229	17,877	14,244	14,572	14,907
Treasury-FEMA		15,945	16,537	17,130	13,476	13,786	14,103
Treasury-DOE		15,985	16,608	17,173	13,520	13,831	14,149
Treasury-DOJ		16,450	17,052	17,673	14,034	14,357	14,687
Navy Yard-Ft Belvoir		7,990	8,302	8,584	4,682	4,769	4,900

MAWS

1.544 MEPS (T-1) Rates Per Month (Dollars)

LOCATION	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Andrews-Site R	10,595	11,029	11,460	11,850	12,193	12,476	12,761
Andrews-Detrick	1,825	1,900	1,974	2,041	2,100	2,149	2,195
Andrews-Ft Meade	996	1,037	1,077	1,114	1,146	1,177	1,207
Andrews-Wash NSS	875	911	946	979	1,007	1,030	1,054
Andrews-Pentagon	4,045	4,211	4,375	4,524	4,655	4,762	4,872
Site R-Ft Belvoir	12,405	12,914	13,417	13,873	14,276	14,604	14,940
Site R-Ft Detrick	11,225	11,685	12,141	12,554	12,918	13,218	13,519
Site R-Ft Meade	9,195	9,562	9,934	10,272	10,570	10,810	11,062
Site R-Wash NSS	8,325	8,666	9,004	9,310	9,580	9,801	10,026
Site R-Pentagon	7,545	7,854	8,161	8,438	8,683	8,887	9,087
Friendship Anx-FTM	1,755	1,827	1,898	1,963	2,020	2,066	2,114
Ft Belvoir-Ft Detrick	5,260	5,476	5,689	5,887	6,067	6,190	6,335
Ft Belvoir-Wash NSS	874	910	945	977	1,004	1,026	1,053
Ft Belvoir-Ft Meade	3,000	3,123	3,245	3,355	3,451	3,532	3,610
Ft Belvoir-Pentagon	4,375	4,554	4,732	4,893	5,035	5,151	5,269
Ft Detrick-Ft Meade	2,040	2,124	2,206	2,281	2,348	2,402	2,457
Ft Detrick-Wash NSS	2,175	2,264	2,352	2,432	2,500	2,561	2,619
Ft Detrick-Pentagon	3,755	3,909	4,061	4,199	4,321	4,421	4,522
Ft Meade-Wash NSS	687	1,027	1,068	1,104	1,134	1,162	1,189
Ft Meade-Pentagon	974	910	945	977	1,006	1,026	1,050
Wash NSS-Pentagon	795	817	849	878	900	924	945
Paris-Pentagon	3,700	3,852	4,002	4,133	4,255	4,356	4,456
Pentagon-State	3,713	3,865	4,016	4,153	4,277	4,371	4,472

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NAWS

40.8 - 64 KBFS Rates Per Month (Dollars)

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Andrews-Site R	1,990	2,072	2,150	2,226	2,290	2,343	2,397
Andrews-Detrick	1,780	1,853	1,925	1,991	2,049	2,098	2,144
Andrews-Ft Meade	890	926	963	995	1,024	1,048	1,072
Andrews-Wash NSS	700	729	757	783	806	824	843
Andrews-Pentagon	780	812	844	872	898	918	939
Site R-Ft Belvoir	2,010	2,092	2,174	2,249	2,313	2,368	2,421
Site R-Ft Detrick	1,790	1,863	1,936	2,002	2,060	2,107	2,156
Site R-Ft Meade	1,100	1,145	1,190	1,230	1,266	1,298	1,325
Site R-Wash NSS	1,040	1,083	1,125	1,163	1,197	1,224	1,253
Site R-Pentagon	795	828	860	889	915	936	957
Ft Belvoir-Ft Detrick	1,800	1,874	1,947	2,013	2,071	2,119	2,168
Ft Belvoir-Wash NSS	800	833	865	895	921	942	963
Ft Belvoir-Ft Meade	910	947	984	1,018	1,047	1,071	1,096
Ft Belvoir-Pentagon	955	994	1,033	1,068	1,099	1,124	1,150
Ft Detrick-Ft Meade	890	926	963	995	1,024	1,048	1,072
Ft Detrick-Wash NSS	1,230	1,280	1,330	1,376	1,415	1,448	1,481
Ft Detrick-Pentagon	1,075	1,119	1,163	1,202	1,237	1,266	1,295
Ft Meade-Wash NSS	700	729	757	783	806	824	843
Ft Meade-Pentagon	835	869	903	934	961	983	1,006
Wash NSS-Pentagon	245	255	265	274	282	288	295
Paris-Pentagon	308	321	333	344	354	363	371
Pentagon-State	309	322	334	346	356	364	372

WWS

9.7 - 49.0 KPPS Rates Per Month (Dollars)

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Andrews-Site R	535	557	579	598	616	630	644
Andrews-Detrick	450	466	485	481	495	506	519
Andrews-Ft Meade	220	229	238	246	253	259	265
Andrews-Wash NSS	445	463	481	498	512	524	536
Andrews-Pentagon	140	146	151	157	161	165	169
Site R-Ft Belvoir	560	583	606	626	644	659	674
Site R-Ft Detrick	325	338	352	363	374	383	391
Site R-Ft Meade	315	328	341	352	363	371	379
Site R-Wash NSS	200	208	216	224	230	235	241
Site R-Pentagon	170	177	184	190	196	200	205
Ft Belvoir-Ft Detrick	450	466	487	503	518	530	542
Ft Belvoir-Wash NSS	300	312	324	336	345	353	361
Ft Belvoir-Ft Meade	240	250	260	269	276	283	289
Ft Belvoir-Pentagon	300	312	324	336	345	353	361
Ft Detrick-Ft Meade	210	219	227	235	242	247	253
Ft Detrick-Wash NSS	290	302	314	324	334	341	349
Ft Detrick-Pentagon	240	250	260	269	276	283	289
Ft Meade-Wash NSS	225	234	242	250	256	265	271
Ft Meade-Pentagon	240	250	260	269	276	283	289
Wash NSS-Pentagon	50	52	54	56	58	59	60
Paris-Pentagon	195	203	211	218	224	230	235
Pentagon-State	200	208	216	224	230	235	241

0 - 9.6 KPPS Rates Per Month (Dollars)

LOCATION	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Andrews-Ft. Belvoir	160	167	173	179	184	188	193
Andrews-Site R	175	182	189	196	201	206	211
Andrews-Detrick	150	156	162	168	173	177	181
Andrews-Ft Meade	80	83	87	89	92	94	96
Andrews-Wash NSS	32	33	35	36	37	38	39
Andrews-Pentagon	25	26	27	28	29	29	30
Site R-Ft Belvoir	170	177	184	190	196	200	205
Site R-Ft Detrick	160	167	173	179	184	188	193
Site R-Ft Meade	90	94	97	101	104	106	108
Site R-Wash NSS	95	99	103	106	109	112	114
Site R-Pentagon	80	83	87	89	92	94	96
Ft Belvoir-Ft Detrick	150	156	162	168	173	177	181
Ft Belvoir-Wash NSS	155	161	166	173	178	182	187
Ft Belvoir-Ft Meade	80	83	87	89	92	94	96
Ft Belvoir-Pentagon	160	167	173	179	184	188	193
Ft Detrick-Ft Meade	70	73	76	78	81	82	84
Ft Detrick-Wash NSS	95	99	103	106	109	112	114
Ft Detrick-Pentagon	80	83	87	89	92	94	96
Ft Meade-Wash NSS	75	78	81	84	86	88	90
Ft Meade-Pentagon	80	83	87	89	92	94	96
Wash NSS-Pentagon	15	16	16	17	17	18	18
Paris-Pentagon	140	146	151	157	161	165	169
Pentagon-State	150	156	162	168	173	177	181

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PART VII

HAWAII

Monthly Rate in Dollars for Service

The Hawaii Area Wideband System (HAWA) is to be funded through the CSIF upon activation which is now scheduled for April 1986. The monthly rate by user is listed below and becomes effective upon implementation of the system.

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Navy	86,715	90,270	93,791	96,980	99,792	102,087	104,435
Air Force	17,830	18,561	19,285	19,941	20,519	20,991	21,474
Army	12,500	13,015	13,520	13,980	14,395	14,714	15,054
NSA	14,681	15,283	15,879	16,419	16,895	17,284	17,681