

## IBM 4300 Series

► A whole new level of data management facilities is also available with DOS/VSE. A new version of DL/1 DOS/VSE supports the new 3310 and 3370 disk devices, as well as supporting RPG II applications and running with the VSE/ICCF (Interactive Computing and Control Facility). Also available is a VSE/VSAM access method, a VSE/Fast Copy Data Set utility, VSE/DITTO, and support for CICS/DOS/VS Release 1.4 and the DB/DC Data Dictionary, Release 3.

To assist the DOS/VSE user in improving productivity, IBM offers the VSE/ICCF program product, mentioned above, which is the successor to the popular DOS/VS ETSS-II (Entry Time-Sharing System) field-developed product. DMS/CICS/VS (Development Management System) replaces the Display Management System program product available to DOS/VS users. VS/APL support has been extended to the 4300 Series computers, as has support for all standard and extended IBM programming language compilers, sort/merges, and utilities available with DOS/VS.

In the new System Installation Productivity Options/Extended (System IPO/E), the IPO concept has been extended to facilitate the installation, management, and use of the 4300 Series software products. IPO/E consists of a base set of integrated program products, pre-generated, pre-configured, and pre-tested with the latest service levels pre-applied, and ready to use in specific operating environments. IPO/E is provided for DOS/VSE, OS/VS1 Release 7, and VM/370 Release 6. Optional features, such as additional program products, can be integrated into the base IPO via an interactive prompter.

In addition to supporting DL/1 DOS/VS and VSE/VSAM, VM/370 Release 6 supports VS/IFS (Interactive File Sharing), which allows multiple CMS users to share VSAM data sets; VM/Directory Maintenance, for management of the VM/370 directory; Display Management System/CMS; the Query-By-Example (QBE) interactive end-user query language; SPF/CMS (Structured Programming Facility/CMS); the DES (Display Editing System); high-level language support; and IPO/E. There is one IPO/E that supports a stand-alone and guest SCP environment, and a VM/DOS/VSE System IPO/E that supports DB/DC and DC environments.

Two of the communications-oriented enhancements available with OS/VS1 Release 7 include: RES (Remote Entry Services), a component of OS/VS1 which allows jobs and commands to be submitted from remote terminals, with output returned; and HRNES (Host Remote Node Entry System), which allows an OS/VS1 system to be a remote job entry station to any MVS/JES2 or SVS/HASP system or to another OS/VS1 system. Operation is not dedicated; batch and on-line applications can be run concurrently.

ACF/VTAM and ACF/TCAM are both supported under Release 7, as is the NCCF (Network Communication Control Facility) and the Cryptographic Subsystem. OS/VS1 Release 7 will support IMS/VS Version 1.1.5, CICS/OS/VS Version 1.4, IMS and CICS Aids, the DL/1 Data Language, VSAM, and the DB/DC Data Dictionary. DMS/CICS/VS, CIS/VS, VSPC personal computing capabilities, and CADAM (Computer-Graphic Augmented Design and Manufacturing system) can be implemented under OS/VS1. The various compilers and utilities are also supported. The System IPO for OS/VS1 includes OS/VS1 Release 7, IMS/VS, ACF/NCP/VS, ACF/VTAM, and CICS/VS.

### PRICING

**POLICY:** IBM offers the 4300 Series on a purchase, lease, or rental basis. The standard IBM lease or rental contract

includes equipment maintenance and entitles the customer to unlimited usage each month.

Prime-shift maintenance is included in the rental or lease price. The purchase option accrual equals 60 percent of the monthly charge up to 50 percent of the purchase price.

The current Agreement for Lease or Rental of IBM Machines provides users with a single contract on which they can specify mixtures of rental and leased equipment, each with various terms. CPU's rented under the plan can be terminated or downgraded on 90 days' notice, and all other rented equipment can be terminated or downgraded on 30 days' notice. Base terms and extension terms are specified for each piece of equipment obtained through a leasing agreement. The basic lease term is two years, followed by one-year extension terms.

**MAINTENANCE:** For purchased, leased, or rented systems, the IBM 4300 Series is under maintenance group D. The minimum period of maintenance service is 9 consecutive hours between 7:00 a.m. and 6:00 p.m. Monday through Friday. Charges for maintenance coverage outside this period are based upon the following percentages of the minimum monthly maintenance charge (MMC) added to the MMC:

	Consecutive hours				
	9*	12	16	20	24
Monday-Friday (until 8:00 a.m. Saturday)	10	12	14	16	18
Saturday (until 8:00 a.m. Sunday)	4	5	7	8	9
Sunday (until 8:00 a.m. Monday)	5	7	9	11	12

\*Outside of the hours 7:00 to 6:00 p.m.

For users without a maintenance contract, the 4300 Series is maintained under per-call class 3. Under this class, the per call charge during regular hours is \$100.00 per hour, and during off hours the charge is \$115.00 per hour. The hourly rate for IBM Systems Engineering service is \$79.00.

**SOFTWARE:** IBM 4300 Series users receive the basic DOS/VSE, OS/VS1 Release 7, or VM/370 Release 6 system control programs at no additional cost. All other IBM software, including the DOS/VSE Advanced Functions and other licensed program products, is priced separately. In addition, basic monthly charges have been established for maintenance of the IBM system control programs and other licensed program products. The minimum term of agreement is one year. A customer with multiple systems may choose to designate a single system for processor support. Each system control or licensed program run on a processor other than the designated processor is subject to an additional (but reduced) maintenance charge. For maintenance purposes, the problem program is transferred to the designated processor.

Support charges for the systems software products described in this report are listed at the end of the equipment price list. Local programming support for the DOS/VSE, OS/VS1 Release 7, or VM/370 Release 6 SCP is provided at the following monthly rates:

Processor	Program Support Charge	Additional Program Support Charge
4331	\$220	\$132
4341	627	376

## IBM 4300 Series

► An alternative to contracted software maintenance is per-call service, charged at the applicable hourly rate. Program service/programming assistance costs \$89 per hour during regular hours and \$102 per hour at other times. The initial and prime interface for software problems and their solution is the IBM Support Center, described below.

**SUPPORT CENTER:** This approach to quick problem-solving via centralized telephone support is the first level of support for the new software products announced with the 4300's as well as older software products. Support for DOS/VS Release 34, OS/VS1 Release 6.7, and VM/370 Release 5 will also be provided from the Support Centers without separate charge until December 31, 1980, one year beyond the deadline for terminating local support. As of January 1, 1981, no further central or local support will be provided for these products. For OS/VS1 Release 6.0, centralized programming services will be available without separate charge until 12 months after the availability of OS/VS1 Release 6.7.

The centralized IBM Support Center provides 24-hour, 7-day customer access by telephone (an 800 number is provided). It utilizes the Software Support Facility data base, which incorporates every problem encountered and resolved (or unresolved) by the central support group. The customer is assisted in making out any APAR (program problem report), and he gets advice on temporary fixes or bypasses.

The Support Center is the first level of support. If it cannot resolve a problem, the customer is put in touch with the Change Team Support Specialist, who is directly familiar with the section of coding relating to the problem being reported. If, after working with this individual, the problem still cannot be resolved, the PSR (Program Support Representative) from the customer's local office will be dispatched to assist. Under the new support plan, many of the facilities that were previously provided by IBM support personnel at no charge have become billable activities.

**PREVENTIVE SERVICE ASSISTANCE PROGRAM:** This program has been enhanced to improve the handling of Program Update Tapes (PUT's). With the installation of DOS/VSE, OS/VS1 Release 7, and VM/370 Release 6, customers will be provided with integrated and customized Program Update Tapes for SCP's and specified licensed

program products. In addition, a common service application vehicle will be provided for each system control program. For DOS/VSE it is MSHP, for OS/VS1 it is SMP4, and for VM/370 it is PLC. Each system PUT will be reached against a master service data base, synchronized to the applicable SCP, field-tested as one package, customized to the SCP and program product profile, and shipped directly to the customer.

Applying system PUT's within an established installation period (normally 75 days) is recommended to increase software stability. Distribution of customized preventive maintenance service tapes including both SCP and program product corrections will be provided only to users of IBM processors on which DOS/VSE, OS/VS1 Release 7, or VM/370 Release 6 is supported. Users of other licensed products will receive the licensed program portion of the preventive service updates directly from PID (Program Information Department) on a periodic basis.

**EQUIPMENT:** The indicated prices for the following typical configurations include all the required control units and adapters, but do not include software.

**TYPICAL 4331 GROUP 1 SYSTEM:** Includes a 4331 Model J1 Processor with 1,048,576 bytes of main memory; a 3262 Printer; two 3278 Displays; two 3310 DASD's (129 megabytes); an 8809 Magnetic Tape Unit; integrated disk, tape, and communications adapters; a 1200-bps communications line, and a 3278-2A Console/Keyboard. Purchase price is \$126,321, 2-year lease, \$3,848 per month; and monthly maintenance, \$568.00.

**TYPICAL 4331 GROUP 2 SYSTEM:** Includes a 4331 Model K2 Processor with 2,097,152 bytes of main memory plus the same peripheral equipment as the 4331 Group 1 system above. Purchase price is \$215,921; 2-year lease, \$26,568 per month; and monthly maintenance, \$650.00.

**TYPICAL 4341 SYSTEM:** Includes a 4341 Processor with 2,097,152 bytes of main memory; a 3203 Model 5 Printer; two 3370 DASD's (1,140 megabytes); four 3340 DASD's (280 megabytes); a 3880 Storage Control; a card reader; a card punch; a 3278-2A Console/Keyboard. Purchase price is \$541,129; 2-year lease, \$15,300 per month; and monthly maintenance, \$1,882.■

### EQUIPMENT PRICES\*\*

PROCESSORS		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
4331 I1	Processor with 524,288 bytes of main memory	\$ 68,250	\$180.00	\$2,226	\$1,895
4331 J1	Processor with 1,048,576 bytes of main memory	76,100	193.00	2,484	2,115
4331 J2	Processor with 1,048,576 bytes of main memory	150,000	264.00	5,381	4,580
4331 K2	Processor with 2,097,152 bytes of main memory	165,700	287.00	5,897	5,020
4331 KJ2	Processor with 3,145,728 bytes of main memory	181,400	310.00	6,413	5,460
4331 L2	Processor with 4,194,304 bytes of main memory	197,100	333.00	6,929	5,900
4341 K1	Processor with 2,097,152 bytes of main memory	257,250	547.00	8,424	7,170
4341 L1	Processor with 4,194,304 bytes of main memory	288,650	594.00	9,456	8,050
4341 K2	Processor with 2,097,152 bytes of main memory	385,000	800.00	12,690	10,800
4341 L2	Processor with 4,194,304 bytes of main memory	416,400	847.00	13,722	11,680
4341 M2	Processor with 8,388,608 bytes of main memory	479,200	914.00	15,786	13,440

\*Rental/lease prices include equipment maintenance.

\*\*See Report 70C-491-05 for prices of the System/370 peripheral equipment.  
NC—No Charge.

## IBM 4300 Series

### EQUIPMENT PRICES\*\*

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
<b>PROCESSOR FEATURES &amp; CHANNELS</b>				
Many of the features listed below include microcode as well as hardware. Microcode is supplied on diskettes.				
Features for the 4331:				
1001 Adapter Power Prerequisite	2,520	8.00	83	71
1002 Adapter Logic Prerequisite	4,620	14.50	153	130
1421 Block Multiplexer Channel	4,620	2.00	153	130
1422 Block Multiplexer Channel, Additional (Model Group 2 only)	4,620	2.00	153	130
1431 High-Speed Block Multiplexer Channel (Model Group 2 only)	6,600	2.50	237	202
1901 Control Store Expansion; 65,536 bytes (Model Group 1 only)	5,355	41.50	177	151
2001 Display/Printer Adapter Expansion	1,275	2.00	36	31
3201 DASD Adapter; for 3310/3340/3370	3,780	4.00	126	107
3202 DASD Adapter, Additional (Model Group 2 only)	3,780	4.00	126	107
3401 Diskette Drive; reads IBM Type 1 Diskettes	3,695	22.00	122	104
3898 External Signals; for external interrupt	315	1.00	11	9
3901 5424 Adapter	6,930	10.00	230	196
3950 1401/1440/1460 Compatibility	NC	NC	NC	NC
4910 8809 Mag Tape Unit Adapter	3,780	4.00	126	107
5248 Byte Multiplexer channel	3,695	2.00	122	104
5531 Power interface	2,310	1.50	75	64
5532 Power Interface, Additional	1,155	1.50	38	32
5550 Printer-Keyboard Mode	NC	NC	NC	NC
6305 System/3 Data Import	NC	NC	NC	NC
7851 3340 Direct Attachment	NC	NC	NC	NC
7901 2311/2314/2319/3310 Direct-Access Storage Compatibility	NC	NC	NC	NC
8701 ECPS: VM/370	NC	NC	NC	NC
Features for the 4341:				
1601 ECPS Expansion Feature (for 4341 Model Group 2 Processors only)	25,000	20.00	848	722
1850 Channel-to-channel adapter	22,050	26.50	739	629
1870 Optional channel group; three additional channels (for 4341 Group 1 Processors only)	16,950	5.50	569	484
1890 Channel control unit positions, additional	2,625	9.00	88	75
Console for the 4331 or 4341:				
3278 2A CRT display/keyboard	2,680	24.50	96	82
4633 75-key operator console keyboard (4341)	560	6.50	18	15
4631 75-key operator console keyboard with I/O interface (4341)	1,160	7.00	39	33
4632 Same as 4631 without I/O interface (4341)	1,080	7.00	38	32
4634 Same as 4631 without I/O interface (4331)	1,080	7.00	38	32
6340 Security keylock	35	NC	NC	NC
3279 2C Color Display Console	4,355	39.50	160	136
4631 75-Key Operator Console Keyboard with Channel to Channel	1,160	7.00	39	33
4632 75-Key Operator Console Keyboard without Channel to Channel	1,080	7.00	38	32
4633 75-Key Operator Console Keyboard without operator control panel	560	6.50	18	15
6340 Security Keylock	35	—	—	—
<b>MASS STORAGE</b>				
3310 A1 Single disk drive, 64.5 megabytes; with controller; for 4331 only	14,280	70.00	507	432
3310 A2 Two disk drives, 64.5 megabytes each; with controller; for 4331 only	23,730	118.00	840	716
3310 B1 Single disk drive, 64.5 megabytes (for attachment to Model A2)	11,300	53.00	400	341
3310 B2 Two disk drives, 64.5 megabytes each (for attachment to Model A2)	20,750	102.00	733	625
Model A1 to A2 Upgrade	9,000	—	—	—
Model B1 to B2 Upgrade	9,000	—	—	—
3340 Direct Access Storage Facility; 34.9 or 69.8 MB per drive:				
Model A2; Two drives plus control	37,800	101.00	1,316	1,120
Model B1; One drive	20,790	53.50	738	628
Model B2; Two drives	26,460	86.50	929	791
3344 B2 Add-on Dual Disk Drive for 3340 Direct-Access Storage Facility; 279.6 MB per drive	31,680	128.00	1,181	1,005
3344 B2F Add-on Dual Disk Drive for 3340 Direct-Access Storage Facility with 2 MB fixed-head storage; 279.6 MB per drive	41,600	179.00	1,551	1,320

\*Rental/lease prices include equipment maintenance.

\*\*See Report 70C-491-05 for prices of the System/370 peripheral equipment.

NC—No Charge.

IBM 4300 Series

EQUIPMENT PRICES\*\*

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
<b>MASS STORAGE (Continued)</b>					
	4301 Fixed-Head Feature (for 3340 A2 or B2)	1,795	1.50	52	44
	6201 Rotational Position Sensing (for 3340 B1)	718	0.50	21	18
	6202 Rotational Position Sensing (for 3340 or A2 or B2)	907	0.50	27	23
	6148 Remote Switch Attachment	NC	NC	NC	NC
	8150 String Switch	7,560	13.00	246	209
3348	Data Module (for 3340 drives):				
	Model 35; 34,944,768 bytes	1,600	Time & mat'l.	59	50
	Model 70; 69,889,536 bytes	2,200	Time & mat'l.	82	70
	Model 70F; 69,889,536 bytes, of which 502,080 are served by fixed heads	4,400	Time & mat'l.	165	140
3370 A1	Single Disk Drive, for 4331 or 4341; 571.3 megabytes	40,620	126.00	1,269	1,080
3370 B1	Add-On Single Disk Drive for attachment to Model A1; 571.3 megabytes	27,070	94.50	846	720
	8150 String Switch	4,505	1.50	140	119
3375	Direct Access Storage; 819.7 megabytes per unit	46,450	130.00	1,269	1,080
	Model A1; contains logic and power for up to three Model B1 units				
	Model B1; connects to a 3375 Model A1	31,000	98.50	846	720
8150	String Switch feature for 3375 Model A1	4,095	1.50	126	107
3380	Direct Access Storage; 2.52 billion bytes per unit:				
	Model A4; connects to one 3880 storage director	97,650	285.00	2,550	2,170
	Model A4F; connects to one 3880 storage director; includes 5.6 megabytes of fixed-head storage	128,250	415.00	3,349	2,850
	Model AA4; connects to one 3880 storage director	111,600	325.00	2,914	2,480
	Model AAF; connects to two 3880 storage directors; includes 5.6 megabytes of fixed-head storage	142,200	455.00	3,713	3,160
	Model B4; connects to a Model A unit	81,000	240.00	2,115	1,800
	Model B4F; connects to a Model A unit; includes 5.6 megabytes of fixed-head storage	111,600	370.00	2,914	2,480
	6150 Remote Switch Attachment for Eight-Channel Switch	NC	NC	NC	NC
	6550 Speed Matching Buffer for 3380	9,975	40.00	277	236
	8172 Eight-Channel Switch	26,070	53.50	724	616
3880	Storage Control, Model 1	72,160	176.00	2,039	1,735
	6148 Remote Switch Attachment	NC	NC	NC	NC
	6149 Remote Switch Attachment, additional	NC	NC	NC	NC
	8170 Two-Channel Switch Pair	7,460	11.00	210	179
	8171 Two-Channel Switch Pair, additional	19,900	38.50	562	478
	Model 2; provides one storage director for 3330/3333, 3340/3344, 3350, 3370, and/or 3375 storage and one for 3380 storage	68,730	176.00	1,909	1,625
	Model 3; provides two storage directors for 3380 storage	68,730	176.00	1,909	1,625
<b>MAGNETIC TAPE EQUIPMENT</b>					
8809	Magnetic Tape Units (for 4331 only):				
1A	First drive; connects to the I/O attachment feature of the 4331	11,500	58.00	408	347
2	Second, fourth, or sixth drive that attaches to Model 1A or 3	10,210	52.00	363	309
3	Third or fifth drive that attaches to Model 2	11,500	58.00	408	347
<b>PRINTERS</b>					
3203 5	Line Printer, 1200 lpm	38,320	391.00	1,733	1,475
3287 1C	Printer; 4 colors; 80 cps	6,430	55.50	257	219
3287 2C	Printer; 4 colors, 120 cps	6,825	67.00	302	257
3289 4	Line Printer, 230 to 400 lpm (print speed is character set-dependent)	14,600	205.00	698	594
	5821 48-char. EBCDIC Print Belt	160	—	—	—
	5822 64-char. EBCDIC Print Belt	160	—	—	—
	5823 94-char. EBCDIC Print Belt	160	—	—	—
3262 1	Line Printer; 650 lpm	16,200	144.00	491	418
	5951 0.079-inch char. height	—	—	—	—
	5950 0.095-inch char. height	—	—	—	—
	5940 48-char. EBCDIC Set	186	—	—	—
	5944 64-char. EBCDIC Set	186	—	—	—
	5946 64-char. EBCDIC Set	186	—	—	—
	5948 96-char. EBCDIC Set	186	—	—	—

\*Rental/lease prices include equipment maintenance.

\*\*See Report 70C-491-05 for prices of the System/370 peripheral equipment.

NC—No Charge.

IBM 4300 Series

EQUIPMENT PRICES\*\*

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
<b>PUNCHED CARD EQUIPMENT</b>					
5424 A1	Multi-Function Card Unit, 96-col.	8,525	263.00	486	—
A2	Multi-Function Card Unit, 96-col.	11,280	396.00	732	—
6510	5424 Multi-Function Card Unit Attachment; for 4331 only	2,670	6.00	60	—

COMMUNICATIONS EQUIPMENT

For the 4331 Processor:

1020	Autocall Unit Interface	462	2.50	14	12
1601	Communications Adapter, base	3,230	2.00	107	91
3701	EIA/CCITT interface	462	2.50	14	12
4695	Line Attachment Base; for clocked modems	462	1.00	14	12
4696	Line Attachment Base; for non-clocked modems	546	1.00	16	14
4720	High-Speed Modem Adapter	1,385	2.50	39	33
4781	1200-bps Integrated Modem; non-switched	701	4.00	21	18
4782	1200-bps Integrated Modem; switched; with auto-answer	903	4.00	29	25
4787	1200-bps Integrated Modem; non-switched, with switch network backup and manual answer	955	4.00	31	26
4788	1200-bps Integrated Modem; non-switched, with switch network backup and auto-answer	1,065	4.50	34	29
4801	Local attachment interface	1,155	3.50	34	29
5650	Digital data service adapter	882	3.00	28	24
3863	24-bps Modem	2,350	12.50	78	66
3864	4800-bps Modem	3,855	22.00	136	116
3865	9600-bps Modem	5,840	32.00	216	184

\*Rental and lease prices include equipment maintenance.

SOFTWARE PRICES

			Monthly License Charge	Date Available
5735-RC2	ACF/VTAM/VS Release 3 under MVS		290	4th qtr. 1980
5735-RC2	Under OS/VS1		290	2nd qtr. 1981
5746-RC3	Under DOS/VSE		102	1st qtr. 1981
5746-RC3/02	ACF/VTAM/VS Release 3 Networking feature under MVS		660	4th qtr. 1980
5746-RC3/02	Under OS/VS1		660	2nd qtr. 1981
5746-RC7	Under DOS/VSE		114	1st qtr. 1981
5735-RC3	ACF/TCAM/Version 2 R3 under MVS		544	4th qtr. 1980
5735-RC3	Under OS/VS1		544	1st qtr. 1981
5735-RC3/02	ACF/TCAM Version 2 R3 Networking feature under MVS		880	4th qtr. 1980
5735-RC3/02	Under OS/VS1		880	1st qtr. 1981
5735-XX1	ACF/NCP/VS R2.1		145	2nd qtr. 1980
5735-XX1	ACF/NCP/VS R3		145	2nd qtr. 1981
5735-XX7	NTO Release 2		121	1st qtr. 1981
5735-XX8	NPDA		44	3rd qtr. 1980
	Support programs for installation of NCP programming		35	—

  

		One-Time Charge	Monthly Charge	Monthly Licensed Program Support Charge	Monthly Additional Licensed Program Support Charge
5746-XE8	VSE/Advanced Functions, Releases 1 and 2	\$ —	\$ 143	\$ 48	\$ 28
5746-RC7	Advanced Communications Function for VTAM Entry ACF/VTAM	—	114	61	37
5746-TS1	VSE/Interactive Computing and Control Facility	—	73	22	13
5746-CE3	VSE/POWER Releases 1 and 2	—	—	12	7
5746-RC9	DOS/VSE Remote Job Entry Workstation	—	90	—	—
5746-AM5	VSE/3270 Bisync Pass Through	—	121	—	—
5746-AM2	VSE/VSAM Releases 1 and 22; VSE/VSAM Space Management for SAM feature	—	42	18/7	11/4

IBM 4300 Series

SOFTWARE PRICES

		<u>One-Time Charge</u>	<u>Monthly Charge</u>	<u>Monthly Licensed Program Support Charge</u>	<u>Monthly Additional Licensed Program Support Charge</u>
5746-AM4	VSE/Fast Copy Data Set Program	—	363	—	—
5746-UT3	VSE/Data Interfile Transfer, Testing and Operations Utility (VSE/DITTO)	—	31	5	3
5746-XE7	VSE/Access Control—Logging and Reporting	—	42	17	11
5746-SA11	VSE/Interactive Problem Control System	—	27	5	3
5746-RC5	Basic Telecommunications Access Method Extended Support	—	24	5	3
5746-AM3	VSE/IBM System/3-3340 Data Import	1,320	—	—	—
—	IBM Systems 1401/1440/1460 Emulator	—	—	5	3
5748-XX8	VM/Basic System Extensions	—	104	33	19
5748-XE1	VM/System Extensions	—	1,170	148	89
5748-XP1	Remote Spooling Communications Subsystem (RSCS) Networking	—	73	28	17
5748-XXC	VM/Interactive File Sharing	—	30	12	7
5748-XXB	Display Management System/CMS	—	24	7	4
5748-XE4	VM/Directory Maintenance	—	85	23	14
5478-XT3	VM/CMS-3270 Display Support and Structured Programming Facility	—	332	—	—
5748-SA1	VM/Interactive Problem Control System Extension	—	36	5	3
5748-MS1	Interactive Productivity Facility	—	33	5	3
5746-XX3	CICS/VS/DOS Enhanced	—	357	165	99
5740-XX1	CICS/OS/VS Enhanced	—	1,210	—	—
5740-XC5	Development Management System/CICS/VS-OS	—	278	—	—
5746-XC4	Development Management System/CICS/VS-DOS	—	121	57	34
5740-XXF	DB/DC Data Dictionary for OS/VS	—	701	—	—
5746-XXC	DB/DC Data Dictionary for DOS/VS	—	278	66	39
5746-LM3	DOS FORTRAN IV Library Option I	—	33	5	3
5746-CB1	DOS/VS COBOL Compiler and Library	—	137	17	11
5746-LM4	DOS/VS COBOL Library	—	25	5	3
5736-PL1	DOS PL/1 Optimizing Compiler	—	205	44	26
5736-LM4	DOS PL/1 Resident Library	—	48	5	3
5736-LM5	DOS PL/1 Transient Library	—	28	5	3
5736-PL3	DOS PL/1 Optimizing Compiler and Library	—	281	55	33
5746-RG1	DOS/VS RPG II	—	114	5	3
5746-SM2	DOS/VS Sort/Merge (Version 2)	—	126	22	13
5664-167	VM/System Product	—	250	50	30
5740-AM6	Data Facility/Device Support Release 1 (OS/VS1)	—	57	18	11
5740-UT3	Data Facility/Data Set Services Release 1 (OS/VS1 and MVS)	—	75	—	—
5668-002	Direct Access Storage Device Migration Aid Release 1 (OS/VS1 and MVS)	1,000	—	—	—

<b>CHARGES FOR LOCAL PROGRAMMING SUPPORT</b>	<u>Monthly Program Support Charge</u>	<u>Monthly Additional Program Support Charge</u>
For Class 1 SCP on 4341 Model Group 2:		
Category A (DOS/VSE, OS/VS1 Release 7, or VM/370 Release 6)	\$740	\$444
Category B (MVS corequisite SCP)	790	474