The following is a list of all supported VM Program Service tapes.

Use this list to identify the programs and/or program feature PTF's contained on your customized program service tape.

To determine the program name, system area, and component level, cross-reference the program number/qualifier printed on the external tape label(s) with the list.

The * indicates new service for tape 8506.

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
*5664167/A	VM/SP Release 2	5664167/A	9413/9414 9415/9416 9450/9451 5102/5103 5104/5105 5106/5107 5108/5109 5110/5111 5112/5113 5114/5115
*5734LM4	PL/1 Resident Library Release 4	5734LM4	5031/5032 9413/9414
*5734LM5	PL/1 Transient Library Release 4	5734LM5	5035/5036 9413/9414
*5734PL1	PL/1 Optim. Compiler Release 4	5734PL1	5027/5028 9413/9414
*5734PL3/A	PL/1 Composite Package	5734LM4	5039/5040
*5734PL3/B	PL/1 Composite Package	5734LM5	9413/9414
*5734PL3/C	PL/1 Composite Package	5734PL1	
5746AM2	VSE/VSAM Release 2	5746AM2	5025/5026 5047/5048 9413/9414 9415/9416
*5668978B	Graphics Access Method Release 2	5668978/B	5120/5121

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
5748XXK	ELIAS-1/VM Release 2	5748XXK	9129/9131
5748XX9	Doc. Comp. Facility Release 2	5748XX9	9403/9404 5078/5079 9413/9414 9415/9416
*5750PUT	VM/SP Release 2 VM/SP Release 3	5664167A 5664167B	5822/5823 5840/5841
5668960	ISPF Release 1	5668960	9403/9404 5148/5149
5664172	ISPF/PDF Release 1	5664172	5064/5065 9403/9404
*5664173A	VM/SP High Performance Option Release 3.0	5664173/A	5252/5253 5254/5255 5256/5257 5258/5259 5260/5261
*5748XXH/E	GDDM/PGF Release 4	5748XXH/E	5637/5638
*5668899	APL2 Release 1	5668899	5374/5375
*5748FO3D	Fortran Comp/Lib Release 4	5748FO3/D	5100/5101
*5748LM3D	Fortran Library Release 4	5748LM3/D	5094/5095
5748MS1A	VM/VSE IPF Release 4.5	5748MS1/A	5329/5330 5331/5332
5748MS1P	VM IPF Release 5.1	5748MS1/P	5608/5609
5748MS1K	VM IPF Release 5.2	5748MS1/K	5070/5071

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
5748AP1	VS/APL Release 4	5748AP1	5082/5083 9413/9414
5748MS1	VM/IPF Releases 3 & 4 VSE/IPF Releases 4.0 & 4.1	5748MS1	5040/5041 5042/5043 9413/9414 9415/9416 9431/9432 9433/9434
5748RC1	VM/Pass-Through Facility Release 2	5748RC1	9129/9131 9413/9414
*5748SA1	VM IPCS/E Release 2	5748SA1	5064/5065 9413/9414
*5748XE4	VM/Directory Maintenance Release 2	5748XE4	9029/9031 9413/9414
*5748XP1	RSCS/Networking Releases 2 & 3	5748XP1	5058/5059 9413/9414 9423/9424
5748XXB	VM/DMS Release 2	5748XXB	9029/9031 9313/9314
5748XXC	VM/IFS Release 1	5748XXC	9029/9031 9403/9404
5748XXH	GDDM Releases 2 & 3	5748XXH	5104/5105 5252/5253 9413/9414 9415/9416
5748XXH/A	GDDM PGF Releases 2 & 3	5748XXH/A	5204/5205 5260/5261 6106/6107 6411/6412
*5748XXH/D	GDDM Release 4	5748XXH/D	5625/5626

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
*5664167B	VM/SP Release 3.0 & 3.1	5664167B	5202/5203 5204/5205 5206/5207 5208/5209 5210/5211 5212/5213 5214/5215 9405/9406
5746AM2A	VSE/VSAM Release 3.0	5746AM2A	5077/5078 9419/9420 9421/9422
*5748XXJ	SQL Data System Rel. 2.0	5748XXJ	5144/5145 9413/9414 9415/9416
*5664173B	VM/SP High Performance Option Release 3.2	5664173B	5142/5143 5144/5145 5146/5147 5148/5149 5150/5151
5668962	Assembler H Release 1.0	5668962	5110/5111
*5735XXB	3725 Emulation Program Release 1.0	5735XXB	5127/5128
*5735XXA	3725 System Support Programs Release 1.1	5735XXA	5125/5126
*5749010A	EREP Release 2.3	5749010A	5022/5023 5202/5203 5204/5205 5206/5207 5208/5209 5210/5211 5212/5213 5214/5215 9405/9406 9427/9428

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
5748XXHC	GDDM/IMD Release 3.0	5748XXHC	5276/5277
5740CB1	COBOL Compiler Release 2.4	5740CB1	5228/5229 9413/9414
5740LM1	COBOL Library Release 2.4	5740LM1	5232/5233
*5664173C	VM/SP High Performance Option Release 3.4	5664173/C	5232/5233 5234/5235 5236/5237 5238/5239 5240/5241
5664178	Screen Definition Facility Release 1.0	5664178	5095/5096
5748MS1E	VM/IPF Release 5.0	5748MS1/E	5040/5041 9441/9442 9443/9444
5748XX93	Doc. Comp - Facility Release 3	5748XX9/3	5186/5187
5668997	CDPF Release 1	5668997	5226/5227
5668972	Query Management Facility Release 1	5668972	5172/5173
5668917	VM/VSE Ditto Release 1	5668917	5342/5343
*5748LM3C	Fortran Library Release 3.1	5748LM3/C	5094/5095
*5748F03C	Fortran Comp./Library Release 3.1	5748F03/C	5100/5101
5664183	VM/XA Remote 3270 Display Opt. Release 1.0	5664183	5135
*5664169A	VM/XA Migration Aid Release 2.0	5664169/A	5030/5034 5194/5195
*5668996	IBM Basic Release 1.1	5668996	5066/5067
*5654260	EREP Release 3.1	5654260	5002/5003

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
5668903	VS FORTRAN Interactive Debug Release 1.0	5668903	5406/5407'
*5664167C	VM/SP Release 4.0	5664167/C	5401/5402' 5403/5404 5405/5406 5407/5408 5409/5410 5411/5412 5425/5426 5427/5428
5664283	E/S 3 PF Release 1.0	5664283	5461/5462
5668903A	VS FORTRAN Interactive Debug Release 2.0	5668903A	5406/5407
5667124A	ACF/NCP 3705 for VM Release 1.0	5667124A	5008/5009
5667124B	ACF/NCP 3725 for VM Release 1.0	5667124B	5010/5011
*5664285	ISPF/PDF for VM Release 1.0	5664285	5470/5471
*5664282	ISPF/DM for VM Release 1.0	5664282	5246/5247
5735XXBB	EP/3725 Release 2.0	5735XXBB	5682/5683
5735XXBA	EP/3705 Release 2.0	5735XXBA	5680/5681
5667124C	3725 Version 3 Common Code (NCP/EP)	5667124C	5010/5011
*5748XXJA	SQL/Data System Release 3.0	5748XXJA	5304/5305
*5664173D	VM/SP High Performance Option Release 3.6	5664173D	5262/5263 5264/5265 5266/5267 5268/5269 5270/5271
*5664173E	VM/SP High Performance Option Release 4.0	5664173E	5288/5289 5290/5291 5292/529 5294/529 5296/5297

VM PRODUCT LIST

PROGRAM NO./ QUALIFIER	PROGRAM NAME	INSTALLATION EXEC	FEATURE CODE(S)
*5668972C	Query Management Facility Release 2.0	5668972C	5172/5173
*5748FO3E	Fortran Com/Library Release 4.1	5748FO3E	5100/5101
*5664175	NCCF Version 2 Release 1.0	5664175	5196/5197
*5735XX7A	NTO/3705 Release 2.1	5735XX7A	5291/5292
*5735XX7B	NTO/3725 Release 2.1	5735XX7B	5289/5290
*5668971	NLDM Release 2.0	5668971	5455/5456
*5664289	ACF/SSP for VM/SP Version 3 Release 1.0	5664289	5431/5432
*5664280	ACF/VTAM for VM/SP Version 3 Release 1.0	5664280	5139/5140
*5664291	VM Backup Release 3.0	5664291	5508/5509
*5664188	RSCS/Networking Version 2 Release 1.0	5664188	5178/5179 9440/9441

ATTACHMENT A

MEMORANDUM TO: Recipients of Customized Program Update Tapes

SUBJECT: VM PUT Format

VM PUT 8506 contains a multi-volume version of the VMSERV exec.

The PUT header file will be the first physical tape file on
every volume of the PUT.   This "PUT header" will consist of
four or more CMS files:

- PUT Level
- PUT Document
- VMSERV Exec
- VMFSTK Module

The second physical file of each volume of the PUT is the "PUT
contents" file.   Each product whose service is on the PUT
volume will have the following two CMS files:

- Product Level File
- Product Memo File

The third file, through to the end of the tape, contains the
service files for the products on the tape.   These are stacked
in the same order that the memos appear in the "PUT contents"
file.

On receipt of the PUT from ISD, load the first file of the PUT
volume, which is the "PUT header", and map the tape using
VMSERV.   VMSERV will ask whether the Memos to Users should be
printed.

ATTACHMENT A

The enclosed tape labeled "PUT Tape: VM/370-8506" contains
service for the product(s) listed on the tape label and
includes a machine readable PUT document and Memo(s) to Users
for each product.

The following is the VM System Program Update Tape format:.

FILE	CONTENTS
1	PUT header file.
2	PUT contents file which includes the Memo(s) to Users for all products stacked on this physical volume.
3	First product service file containing the products installation exec(s) and service related routines.
4-N	Service contents files for the first product. (See tape label for product(s) included and file sequence).

Files 3 and 4-N are repeated for each product stacked on this
physical volume.

Users running on 2314's require 10 cylinders of mini-disk space
for maint's "191" (or a temporary disk space of 10 cylinders).
This space is used as a work area for loading and printing of
the documentation and for service application by the install
process.

To print the documentation, log on userid "MAINT" and IPL CMS.
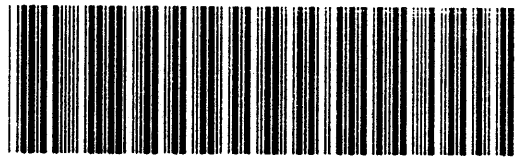Then issue the following commands:

```
ATTACH XXX MAINT 181 (XXX = Real Tape Address)
ACCESS 191 C
VMFPLC2 LOAD * * C
VMSERV
```

Reply "Yes" to "Would you like the Memo(s) to Users printed?"
The PUT document and memo(s) should be carefully reviewed prior
to application of service.

INSTRUCTIONS FOR NEW USERS:

Refer to the appropriate product installation manual for
installation instructions, in conjunction with the Memo to
Users included on the tape.

END OF DOCUMENT