

|  |   |
|--|---|
| <b>CMS Manual System</b>                     | <b>Department of Health &amp; Human Services (DHHS)</b>   |
| <b>Pub 100-04 Medicare Claims Processing</b> | <b>Centers for Medicare &amp; Medicaid Services (CMS)</b> |
| <b>Transmittal 2126</b>                      | <b>Date: December 23, 2010</b>                            |
|  | <b>Change Request 7185</b>                                |

**Transmittal 2072, dated October 22, 2010, is being rescinded and replaced with Transmittal 2126, dated December 23, 2010, to include 46 new codes and their TOS as well as 1 type of service correction to code G9143. The new codes being included were created after the initial release of this change request. All other information remains the same.**

**SUBJECT: Annual Type of Service (TOS) Update**

**I. SUMMARY OF CHANGES:** This change request includes the crosswalk of 2011 HCPCS codes to national type of service (TOS) indicators. Various changes have been made to previous existing HCPCS/TOS combinations. Any additional new codes not included in this transmittal will be part of the 2011 HCPCS file. Contractors should refer to the 2011 HCPCS file for all new 2011 codes and the applicable TOS. Please note code A6549 is not a new code and it has been effective since 1/1/2006. This code was not previously included in the manual and therefore officially being placed in the manual via this change request. The attached Recurring Update Notification applies to chapter 26, section 10.7.

**EFFECTIVE DATE: January 1, 2011**

**IMPLEMENTATION DATE: January 3, 2011**

*Disclaimer for manual changes only: The revision date and transmittal number apply only to red italicized material. Any other material was previously published and remains unchanged. However, if this revision contains a table of contents, you will receive the new/revised information only, and not the entire table of contents.*

**II. CHANGES IN MANUAL INSTRUCTIONS: (N/A if manual is not updated)**

**R=REVISED, N=NEW, D=DELETED**

| <b>R/N/D</b> | <b>CHAPTER / SECTION / SUBSECTION / TITLE</b> |
|--------------|---|
| <b>R</b>     | 26/10.7/Type of Service (TOS)                 |

**III. FUNDING:**

**For Fiscal Intermediaries (FIs), Regional Home Health Intermediaries (RHHIs) and/or Carriers:**

No additional funding will be provided by CMS; contractor activities are to be carried out within their operating budgets.

**For Medicare Administrative Contractors (MACs):**

The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the contracting officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the contracting officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

**IV. ATTACHMENTS:**

**Manual Instruction**  
**Recurring Update Notification**

*\*Unless otherwise specified, the effective date is the date of service.*

# Attachment – Recurring Update Notification

|             |                   |                         |                      |
|-------------|-------------------|-------------------------|----------------------|
| Pub. 100-04 | Transmittal: 2126 | Date: December 23, 2010 | Change Request: 7185 |
|-------------|-------------------|-------------------------|----------------------|

**Transmittal 2072, dated October 22, 2010, is being rescinded and replaced with Transmittal 2126, dated December 23, 2010, to include 46 new codes and their TOS as well as 1 type of service correction to code G9143. The new codes being included were created after the initial release of this change request. All other information remains the same.**

**SUBJECT: Annual Type of Service (TOS) Update**

**EFFECTIVE DATE: JANUARY 1, 2011**

**IMPLEMENTATION DATE: JANUARY 3, 2011**

## I. GENERAL INFORMATION

**A. Background:** Type of Service (TOS) is an indicator that the contractor places on the Form CMS-1500 paper form or electronic format. The indicator is mainly used for data purposes. However, in some instances it affects payment. All HCPCS codes have a corresponding TOS indicator.

**B. Policy:** This Change Request includes the crosswalk of 2011 HCPCS codes to national type of service (TOS) indicators. Various changes have been made to previous existing HCPCS/TOS combinations. Any additional new codes not included in this transmittal will be part of the 2011 HCPCS file. Contractors should refer to the 2011 HCPCS file for all new 2011 codes and the applicable TOS. Note code A6549 is not a new code and has been effective since January 1, 2006. This code was not previously included in the manual and is therefore officially being placed in the manual via this change request.

## II. BUSINESS REQUIREMENTS TABLE

*Use "Shall" to denote a mandatory requirement*

| Number | Requirement   | Responsibility (place an "X" in each applicable column) |                                |                           |                            |                  |                              |             |             |             |       |  |
|--------|---|---|--------------------------------|---------------------------|----------------------------|------------------|------------------------------|-------------|-------------|-------------|-------|--|
|        |   | A<br>/<br>B<br><br>M<br>A<br>C                          | D<br>M<br>E<br><br>M<br>A<br>C | F<br>I<br><br>I<br>E<br>R | C<br>A<br>R<br>I<br>E<br>R | R<br>H<br>H<br>I | Shared-System<br>Maintainers |             |             |             | OTHER |  |
|        |   |   |                                |                           |                            |                  | F<br>I<br>S<br>S             | M<br>C<br>S | V<br>M<br>S | C<br>W<br>F |       |  |
| 7185.1 | CWF shall recognize the new changes included in chapter 26, section 10.7.         |   |                                |                           |                            |                  |                              |             |             |             | X     |  |
| 7185.2 | Contractors shall recognize the new changes included in chapter 26, section 10.7. | X   | X                              |                           | X                          |                  |                              |             | X           |             |       |  |

### III. PROVIDER EDUCATION TABLE

| Number | Requirement | Responsibility (place an "X" in each applicable column) |                                |                           |                                 |                  |                           |             |             |  |       |
|--------|-------------|---|--------------------------------|---------------------------|---------------------------------|------------------|---------------------------|-------------|-------------|--|-------|
|        |             | A<br>/<br>B<br><br>M<br>A<br>C                          | D<br>M<br>E<br><br>M<br>A<br>C | F<br>I<br><br>I<br>E<br>R | C<br>A<br>R<br>R<br>I<br>E<br>R | R<br>H<br>H<br>I | Shared-System Maintainers |             |             |  | OTHER |
|        |             |   |                                |                           |                                 | F<br>I<br>S<br>S | M<br>C<br>S               | V<br>M<br>S | C<br>W<br>F |  |       |
|        | None.       |   |                                |                           |                                 |                  |                           |             |             |  |       |

### IV. SUPPORTING INFORMATION

**Section A: For any recommendations and supporting information associated with listed requirements, use the box below:**

*Use "Should" to denote a recommendation.*

| X-Ref Requirement Number | Recommendations or other supporting information: |
|--------------------------|--|
| N/A                      |  |

**Section B: For all other recommendations and supporting information, use this space: N/A**

### V. CONTACTS

**Pre-Implementation Contact(s):** Joscelyn Lissone at [joscelyn.lissone@cms.hhs.gov](mailto:joscelyn.lissone@cms.hhs.gov) or (410) 786-5116 and Vera A. Dillard at [Vera.Dillard@cms.hhs.gov](mailto:Vera.Dillard@cms.hhs.gov) or (410) 786-6149.

**Post-Implementation Contact(s):** Appropriate Project Officer or Contractor Manager

### VI. FUNDING

**Section A: For *Fiscal Intermediaries (FIs)*, *Regional Home Health Intermediaries (RHHIs)*, and/or *Carriers*:**

No additional funding will be provided by CMS; contractor activities are to be carried out within their operating budgets.

**Section B: For *Medicare Administrative Contractors (MACs)*:**

The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the contracting officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the contracting officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

**Attachment**

## ATTACHMENT

TYPE OF SERVICE  
ADDITIONS/CHANGES 2011

Note: This CR is being re-released to include new codes and their TOS as well as 1 type of service correction to code G9143. The new codes being included were created after the initial release of CR 7185. All changes to the original CR have been identified through the use of red font and are listed directly below.

| HCPCS CODE        | TOS |
|-------------------|-----|
| 11046 THRU 11047  | 1,2 |
| 57156             | 2   |
| 90654             | V   |
| 93451             | 2   |
| 0234T THRU 0238T  | 2   |
| 0239T THRU 0244T  | 9   |
| 0245T THRU 0259T  | 2   |
| 0260T THRU 0261 T | 1   |
| C9275             | 9   |
| C9279             | 9   |
| D1352             | 9   |
| G0159             | 1   |
| G0160             | 1   |
| G0161             | 1   |
| G0163             | 1   |
| G0164             | 1   |
| G0432             | 5   |
| G0433             | 5   |
| G0436 THRU G0441  | 1   |
| G9143             | 5   |
| Q2035 THRU Q2039  | V   |

| HCPCS CODE | TOS   | HCPCS CODE | TOS |
|------------|-------|------------|-----|
| A4566      | 9     | J3262      | 1,P |
| A7020      | R     |            |     |
| A9273      | A,P,R | J3357      | 1,P |
|            |       | J3385      | 1,P |
| C9258      | 1,P   | J7184      | 1,P |
| C9262      | 1,9   | J7196      | 1,P |
| C9264      | 1,P   | J7309      | 9   |
| C9265      | 1,P   | J7312      | 1,P |
| C9266      | 1,P   | J7335      | 9   |
| C9267      | 1,P   | J8562      | 9   |
| C9268      | 9     | J9302      | 1,P |

|       |       |       |     |
|-------|-------|-------|-----|
| C9367 | 1     | J9307 | 1,P |
| C9800 | 1,P   | J9315 | 1,P |
|       |       | J9351 | 1,P |
| E0765 | A,P,R |       |     |
| E1831 | P,R   | L3674 | P   |
| E2622 | A,P,R | L4631 | P   |
| E2624 | A,P,R | L8693 | P   |
| E2625 | A,P,R |       |     |
|       |       | Q0478 | P   |
| G0428 | 2     | Q0479 | P   |
| G0429 | 2     | Q2025 | 1,9 |
| G0434 | 5     | Q2026 | 1,9 |
| G0435 | 9     | Q2027 | 1,9 |
| G9147 | 9     | Q4117 | 1   |
|       |       | Q4118 | 1   |
| J0171 | 1,P   | Q4119 | 1   |
| J0558 | 1,P   | Q4120 | 1   |
| J0561 | 1,P   | Q4121 | 1   |
| J0597 | 1,P   | Q5010 | 1,L |
| J0638 | 1,P   |       |     |
| J0775 | 1,P   | S0148 | 9   |
| J1290 | 1,P   | S0169 | 9   |
| J1559 | 1,P   |       |     |
| J1599 | 1,P   | T1505 | 9   |
| J1826 | 1     |       |     |
| J2358 | 1,P   | 11045 | 2   |
| J2426 | 1,P   | 11046 | 1,2 |
| J3095 | 1,P   | 11047 | 1,2 |
|       |       |       |     |
| 80104 | 5     | 93563 | 2   |
|       |       | 93564 | 2   |
| 90460 | 1     | 93565 | 2   |
| 90461 | 1     | 93566 | 2   |
| 90470 | 1     | 93567 | 2   |
| 90644 | V     | 93568 | 2   |
| 90664 | V     |       |     |
| 90666 | V     | 95800 | 1   |
| 90667 | V     | 95801 | 1   |
| 90668 | V     |       |     |
| 90670 | V     | 96446 | 1   |
| 90675 | 1     |       |     |
|       |       | 99224 | 1   |
| 91013 | 1     | 99225 | 1   |
| 91117 | 1     | 99226 | 1   |
|       |       |       |     |

|       |   |       |   |
|-------|---|-------|---|
| 92132 | 1 |       |   |
| 92133 | 1 | 0223T | 4 |
| 92134 | 1 | 0224T | 4 |
|       |   | 0225T | 4 |
| 93452 | 2 | 0226T | 2 |
| 93453 | 2 | 0227T | 2 |
| 93454 | 2 | 0228T | 2 |
| 93455 | 2 | 0229T | 2 |
| 93456 | 2 | 0230T | 2 |
| 93457 | 2 | 0231T | 2 |
| 93458 | 2 | 0232T | 2 |
| 93459 | 2 | 0233T | 9 |
| 93460 | 2 |       |   |
| 93461 | 2 |       |   |
| 93462 | 2 |       |   |
| 93463 | 2 |       |   |
| 93464 | 2 |       |   |
|       |   |       |   |
|       |   |       |   |
|       |   |       |   |
|       |   |       |   |
|       |   |       |   |

## 10.7 - Type of Service (TOS)

*(Rev.2126, Issued: 12-23-10, Effective: 01-01-11, implementation: 01-03-11)*

Medicare carriers must use the following table to assign the proper TOS. Some procedures may have more than one applicable TOS. For claims received on or after April 3, 1995, CWF will produce alerts on codes with incorrect TOS designations. Effective July 3, 1995, CWF is rejecting codes with incorrect TOS designations. All future updates will be submitted via a Recurring Update Notification.

The only exceptions to this table are:

- Surgical services billed for dates of service through December 31, 2007, containing the ASC facility service modifier SG must be reported as TOS F. Effective for services on or after January 1, 2008, the SG modifier is no longer applicable for Medicare services. ASC providers should discontinue applying the SG modifier on ASC facility claims. The indicator 'F' does not appear in the TOS table because its use depends upon claims submitted with POS 24 (ASC Facility) from an ASC (specialty 49). This became effective for dates of service January 1, 2008 and after.
- Surgical services billed with an assistant-at-surgery modifier (80-82, AS,) must be reported with TOS 8. The 8 indicator does not appear on the TOS table because its use is dependent upon the use of the appropriate modifier. (See Pub. 100-04, Medicare Claims Processing Manual, Chapter 12, "Physician/Nonphysician Practitioner," for instructions on when assistant-at-surgery is allowable.)
- Psychiatric treatment services that are subject to the outpatient mental health treatment limitation should be reported with TOS T.
- TOS H appears in the list of descriptors. However, it does not appear in the table. In CWF, "H" is used only as an indicator for hospice. The carrier should not submit TOS H to CWF at this time.
- For outpatient services, when a transfusion medicine code appears on a claim that also contains a blood product, the service is paid under reasonable charge at 80%, coinsurance and deductible apply. When transfusion medicine codes are paid under the clinical laboratory fee schedule pay at 100%, coinsurance and deductible do not apply.

**NOTE:** For injection codes with more than one possible TOS designation, use the following guidelines when assigning the TOS:

When the choice is L or 1,

- Use TOS L when the drug is used related to ESRD; or
- Use TOS 1 when the drug is not related to ESRD and is administered in the office.



When the choice is G or 1:

- Use TOS G when the drug is an immunosuppressive drug; or
- Use TOS 1 when the drug is used for other than immunosuppression.

When the choice is P or 1,

- Use TOS P if the drug is administered through durable medical equipment (DME); or
- Use TOS 1 if the drug is administered in the office.

The place of service or diagnosis may be considered when determining the appropriate TOS. The descriptors for each of the TOS codes listed in the following table are:

#### Type of Service Indicators

|   |                                       |
|---|---------------------------------------|
| 0 | Whole Blood                           |
| 1 | Medical Care                          |
| 2 | Surgery                               |
| 3 | Consultation                          |
| 4 | Diagnostic Radiology                  |
| 5 | Diagnostic Laboratory                 |
| 6 | Therapeutic Radiology                 |
| 7 | Anesthesia                            |
| 8 | Assistant at Surgery                  |
| 9 | Other Medical Items or Services       |
| A | Used DME                              |
| B | High Risk Screening Mammography       |
| C | Low Risk Screening Mammography        |
| D | Ambulance                             |
| E | Enteral/Parenteral Nutrients/Supplies |

- F Ambulatory Surgical Center (Facility Usage for Surgical Services)
- G Immunosuppressive Drugs
- H Hospice
- J Diabetic Shoes
- K Hearing Items and Services
- L ESRD Supplies
- M Monthly Capitation Payment for Dialysis
- N Kidney Donor
- P Lump Sum Purchase of DME, Prosthetics, Orthotics
- Q Vision Items or Services
- R Rental of DME
- S Surgical Dressings or Other Medical Supplies
- T Outpatient Mental Health Treatment Limitation
- U Occupational Therapy
- V Pneumococcal/Flu Vaccine
- W Physical Therapy

HCPCS RANGE and Applicable Type of Service (TOS) Code

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| A0021      | A0999     | D       |
| A4206      | A4213     | S       |
| A4214      | A4214     | P       |
| A4215      | A4215     | L, S    |
| A4216      | A4218     | 1, P, L |
| A4220      | A4236     | P       |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| A4244        | A4247        | S, L     |
| A4248        | A4248        | L        |
| A4250        | A4250        | 9        |
| A4252        | A4253        | P        |
| A4254        | A4254        | A, P, R  |
| A4255        | A4259        | P        |
| A4260        | A4270        | 9        |
| A4280        | A4280        | P        |
| A4281        | A4290        | 9        |
| A4300        | A4301        | S        |
| A4305        | A4306        | 9        |
| A4310        | A4359        | P        |
| A4360        | A4360        | 9        |
| A4361        | A4434        | P        |
| A4450        | A4452        | P, L, S  |
| A4454        | A4456        | P        |
| A4458        | A4458        | 9        |
| A4460        | A4463        | S        |
| A4464        | A4464        | P        |
| A4465        | A4466        | 9        |
| A4470        | A4510        | P        |
| A4520        | A4554        | 9        |
| A4556        | A4565        | P        |
| <i>A4566</i> | <i>A4566</i> | <i>9</i> |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| A4570      | A4572     | P       |
| A4575      | A4590     | 9       |
| A4595      | A4605     | P       |
| A4606      | A4606     | 9       |
| A4608      | A4613     | P       |
| A4614      | A4614     | 9       |
| A4615      | A4617     | P       |
| A4618      | A4618     | A, P, R |
| A4619      | A4626     | P       |
| A4627      | A4627     | 9       |
| A4628      | A4628     | A, P, R |
| A4629      | A4629     | P       |
| A4630      | A4633     | A, P, R |
| A4634      | A4634     | 9       |
| A4635      | A4637     | A, P, R |
| A4638      | A4638     | P       |
| A4639      | A4640     | A, P, R |
| A4641      | A4647     | 4       |
| A4648      | A4648     | 9, S    |
| A4649      | A4649     | 9       |
| A4650      | A4650     | 9, S    |
| A4651      | A4931     | L       |
| A4932      | A4932     | 9       |
| A5051      | A5200     | P       |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| A5500      | A5513     | J       |
| A6000      | A6000     | P       |
| A6010      | A6024     | S       |
| A6025      | A6025     | 9       |
| A6154      | A6214     | S       |
| A6215      | A6216     | S, L    |
| A6217      | A6248     | S       |
| A6250      | A6250     | S, L    |
| A6251      | A6259     | S       |
| A6260      | A6260     | S, L    |
| A6261      | A6266     | S       |
| A6402      | A6402     | S, L    |
| A6403      | A6412     | S       |
| A6413      | A6413     | P       |
| A6421      | A6512     | P, S    |
| A6513      | A6530     | P       |
| A6531      | A6532     | P, S    |
| A6533      | A6544     | P       |
| A6545      | A6545     | P, S    |
| A6549      | A6551     | P       |
| A7000      | A7002     | A, P, R |
| A7003      | A7004     | P       |
| A7005      | A7006     | A, P, R |
| A7007      | A7008     | P       |

| First Code   | Last Code    | TOS            |
|--------------|--------------|----------------|
| A7009        | A7009        | A, P, R        |
| A7010        | A7011        | P              |
| A7012        | A7012        | A, P, R        |
| A7013        | A7013        | P              |
| A7014        | A7017        | A, P, R        |
| A7018        | A7018        | P              |
| <i>A7020</i> | <i>A7020</i> | <i>R</i>       |
| A7025        | A7039        | A, P, R        |
| A7040        | A7043        | P              |
| A7044        | A7045        | A, P, R        |
| A7046        | A7527        | P              |
| A8000        | A8004        | A, P, R        |
| A9150        | A9270        | 9              |
| <i>A9273</i> | <i>A9273</i> | <i>A, P, R</i> |
| A9274        | A9280        | 9              |
| A9281        | A9281        | A, P, R        |
| A9282        | A9283        | 9              |
| A9284        | A9284        | A, P, R        |
| A9300        | A9300        | 9              |
| A9500        | A9516        | 4              |
| A9517        | A9517        | 6              |
| A9518        | A9522        | 4              |
| A9523        | A9523        | 6              |
| A9524        | A9529        | 4              |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| A9530      | A9530     | 6       |
| A9531      | A9531     | 4       |
| A9532      | A9532     | 6       |
| A9533      | A9533     | 4       |
| A9534      | A9534     | 6       |
| A9535      | A9542     | 4       |
| A9543      | A9543     | 6       |
| A9544      | A9544     | 4       |
| A9545      | A9545     | 6       |
| A9546      | A9562     | 4       |
| A9563      | A9564     | 6       |
| A9565      | A9580     | 4       |
| A9581      | A9581     | 1, P    |
| A9582      | A9583     | 4       |
| A9600      | A9605     | 6       |
| A9698      | A9698     | 4       |
| A9699      | A9699     | 6       |
| A9700      | A9999     | 9       |
| B4034      | B5200     | E       |
| B9000      | B9006     | A, P, R |
| B9998      | B9999     | E       |
| C1000      | C1008     | 9, S    |
| C1009      | C1009     | 9       |
| C1010      | C1011     | 0       |

| First Code | Last Code | TOS  |
|------------|-----------|------|
| C1012      | C1014     | 9    |
| C1015      | C1018     | 0    |
| C1019      | C1019     | 9    |
| C1020      | C1021     | 0    |
| C1022      | C1022     | 9    |
| C1024      | C1043     | 9, S |
| C1045      | C1045     | 4    |
| C1047      | C1048     | 9, S |
| C1050      | C1050     | 9    |
| C1051      | C1057     | 9, S |
| C1058      | C1058     | 4    |
| C1059      | C1059     | 9    |
| C1060      | C1063     | 9, S |
| C1064      | C1066     | 4    |
| C1067      | C1078     | 9, S |
| C1079      | C1080     | 4    |
| C1081      | C1081     | 6    |
| C1082      | C1082     | 4    |
| C1083      | C1083     | 6    |
| C1084      | C1086     | 1, P |
| C1087      | C1087     | 4    |
| C1088      | C1088     | 9    |
| C1089      | C1099     | 4    |
| C1100      | C1121     | 9, S |



| First Code | Last Code | TOS  |
|------------|-----------|------|
| C1122      | C1122     | 4    |
| C1123      | C1154     | 9, S |
| C1155      | C1155     | 9    |
| C1156      | C1163     | 9, S |
| C1164      | C1164     | 9    |
| C1166      | C1167     | 1, P |
| C1170      | C1177     | 9, S |
| C1178      | C1178     | 1, P |
| C1179      | C1184     | 9, S |
| C1188      | C1202     | 4    |
| C1203      | C1203     | 9    |
| C1205      | C1205     | 4    |
| C1207      | C1300     | 9    |
| C1302      | C1304     | 9, S |
| C1305      | C1305     | 9    |
| C1306      | C1324     | 9, S |
| C1325      | C1325     | 4    |
| C1326      | C1337     | 9, S |
| C1348      | C1350     | 4    |
| C1351      | C1359     | 9, S |
| C1360      | C1360     | 9    |
| C1361      | C1773     | 9, S |
| C1774      | C1774     | 9    |
| C1775      | C1775     | 4    |

| First Code | Last Code | TOS  |
|------------|-----------|------|
| C1776      | C1799     | 9, S |
| C1800      | C1806     | 4    |
| C1810      | C2631     | 9, S |
| C2632      | C2632     | 9    |
| C2633      | C2633     | 9, S |
| C2634      | C2636     | 9    |
| C2637      | C2637     | 4    |
| C2638      | C2638     | 6    |
| C2639      | C2643     | 4    |
| C2676      | C2676     | 9, S |
| C2698      | C2699     | 4    |
| C8900      | C8928     | 4    |
| C9000      | C9010     | 1    |
| C9011      | C9011     | 9, S |
| C9012      | C9020     | 1    |
| C9100      | C9103     | 4    |
| C9104      | C9106     | 1    |
| C9107      | C9107     | 9, S |
| C9108      | C9109     | 9    |
| C9110      | C9110     | 9, S |
| C9111      | C9119     | 9    |
| C9120      | C9121     | 1, P |
| C9123      | C9123     | 9, S |
| C9126      | C9126     | 9    |

| First Code   | Last Code    | TOS         |
|--------------|--------------|-------------|
| C9127        | C9127        | 1           |
| C9128        | C9211        | 9           |
| C9212        | C9212        | 9, G        |
| C9213        | C9215        | 1           |
| C9218        | C9218        | 9           |
| C9219        | C9219        | 9, G        |
| C9220        | C9222        | 9           |
| C9223        | C9223        | 1, P        |
| C9224        | C9226        | 9           |
| C9236        | C9242        | 1, P        |
| C9245        | C9249        | <i>1</i>    |
| C9250        | C9257        | 9           |
| <i>C9258</i> | <i>C9258</i> | <i>1, P</i> |
| <i>C9262</i> | <i>C9262</i> | <i>1, 9</i> |
| <i>C9264</i> | <i>C9267</i> | <i>1, P</i> |
| <i>C9268</i> | C9364        | 9           |
| <i>C9367</i> | C9399        | 1           |
| C9400        | C9400        | 4           |
| C9401        | C9401        | 6           |
| C9402        | C9405        | 4           |
| C9410        | C9411        | 1, P        |
| C9413        | C9434        | 1           |
| C9435        | C9437        | 9           |
| C9438        | C9438        | 1, G        |

| First Code   | Last Code    | TOS         |
|--------------|--------------|-------------|
| C9439        | C9503        | 9           |
| C9701        | C9701        | 9, S        |
| C9703        | C9703        | 9           |
| C9704        | C9704        | 2           |
| C9708        | C9708        | 4           |
| C9711        | C9711        | 9           |
| C9713        | C9713        | 2           |
| C9714        | C9715        | 6           |
| C9716        | C9717        | 2           |
| C9718        | C9721        | 1           |
| C9722        | C9723        | 4           |
| C9724        | C9724        | 2           |
| C9725        | C9725        | 6           |
| C9728        | C9728        | 2           |
| <i>C9800</i> | <i>C9800</i> | <i>1, P</i> |
| C9898        | C9898        | 1           |
| D0120        | D0180        | 1           |
| D0210        | D0363        | 4           |
| D0415        | D0999        | 5           |
| D1110        | D1351        | 1           |
| <i>D1352</i> | D1525        | 9           |
| D1550        | D2710        | 1           |
| D2712        | D2712        | 9           |
| D2720        | D2792        | 1           |

| First Code | Last Code | TOS |
|------------|-----------|-----|
| D2794      | D2794     | 9   |
| D2799      | D2910     | 1   |
| D2915      | D2915     | 9   |
| D2920      | D2933     | 1   |
| D2934      | D2934     | 9   |
| D2940      | D2970     | 1   |
| D2971      | D2975     | 9   |
| D2980      | D3120     | 1   |
| D3220      | D3221     | 2   |
| D3230      | D3348     | 1   |
| D3351      | D3920     | 2   |
| D3950      | D3999     | 1   |
| D4210      | D4276     | 2   |
| D4320      | D4999     | 1   |
| D5110      | D5281     | 9   |
| D5410      | D5761     | 1   |
| D5810      | D5999     | 9   |
| D6010      | D6050     | 2   |
| D6053      | D6079     | 9   |
| D6080      | D6080     | 2   |
| D6090      | D6999     | 9   |
| D7110      | D7282     | 2   |
| D7283      | D7283     | 9   |
| D7285      | D7999     | 2   |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| D8010      | D9110     | 1       |
| D9120      | D9120     | 2       |
| D9210      | D9248     | 7       |
| D9310      | D9310     | 3       |
| D9410      | D9450     | 1       |
| D9610      | D9630     | 9       |
| D9910      | D9999     | 1       |
| E0100      | E0144     | A, P, R |
| E0145      | E0146     | R       |
| E0147      | E0164     | A, P, R |
| E0165      | E0166     | R       |
| E0167      | E0168     | A, P, R |
| E0169      | E0169     | R       |
| E0170      | E0179     | A, P, R |
| E0180      | E0182     | R       |
| E0184      | E0185     | A, P, R |
| E0186      | E0187     | R       |
| E0188      | E0189     | A, P, R |
| E0190      | E0190     | 9       |
| E0191      | E0192     | A, P, R |
| E0193      | E0196     | R       |
| E0197      | E0200     | A, P, R |
| E0202      | E0202     | R       |
| E0203      | E0203     | 9       |

| First Code | Last Code | TOS        |
|------------|-----------|------------|
| E0205      | E0205     | A, P, R    |
| E0210      | E0210     | A, P, R, L |
| E0215      | E0230     | A, P, R    |
| E0231      | E0231     | R          |
| E0232      | E0232     | P          |
| E0235      | E0236     | R          |
| E0238      | E0239     | A, P, R    |
| E0240      | E0240     | 9          |
| E0241      | E0249     | A, P, R    |
| E0250      | E0270     | R          |
| E0271      | E0276     | A, P, R    |
| E0277      | E0277     | R          |
| E0280      | E0280     | A, P, R    |
| E0290      | E0298     | R          |
| E0300      | E0300     | A, P, R    |
| E0301      | E0305     | R          |
| E0310      | E0326     | A, P, R    |
| E0328      | E0329     | R          |
| E0350      | E0352     | 9          |
| E0370      | E0373     | A, P, R    |
| E0424      | E0431     | R          |
| E0433      | E0433     | A, P, R    |
| E0434      | E0440     | R          |
| E0441      | E0444     | P          |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| E0445      | E0445     | 9       |
| E0450      | E0455     | R       |
| E0457      | E0457     | A, P, R |
| E0459      | E0480     | R       |
| E0481      | E0481     | A, P, R |
| E0482      | E0483     | R       |
| E0484      | E0484     | A, P, R |
| E0485      | E0486     | P       |
| E0487      | E0487     | A, P, R |
| E0500      | E0550     | R       |
| E0555      | E0555     | P, R    |
| E0560      | E0562     | A, P, R |
| E0565      | E0570     | R       |
| E0571      | E0574     | A, P, R |
| E0575      | E0575     | R       |
| E0580      | E0580     | P, R    |
| E0585      | E0585     | R       |
| E0590      | E0590     | 9       |
| E0600      | E0601     | R       |
| E0602      | E0604     | 9       |
| E0605      | E0605     | A, P, R |
| E0606      | E0606     | R       |
| E0607      | E0607     | A, P, R |
| E0608      | E0608     | R       |



| First Code | Last Code | TOS            |
|------------|-----------|----------------|
| E0609      | E0615     | A, P, R        |
| E0616      | E0616     | 9              |
| E0617      | E0617     | 9, R           |
| E0618      | E0619     | R              |
| E0620      | E0629     | A, P, R        |
| E0630      | E0636     | R              |
| E0637      | E0638     | A, P, R        |
| E0639      | E0640     | 9              |
| E0641      | E0673     | A, P, R        |
| E0675      | E0675     | R              |
| E0676      | E0740     | A, P, R        |
| E0744      | E0745     | R              |
| E0746      | E0748     | A, P, R        |
| E0749      | E0749     | 9              |
| E0751      | E0754     | P              |
| E0755      | E0755     | A, P, R        |
| E0756      | E0759     | P              |
| E0760      | E0760     | A, P, R        |
| E0761      | E0761     | 9              |
| E0762      | E0764     | A, P, R        |
| E0765      | E0765     | A, P, <i>R</i> |
| E0769      | E0769     | 9              |
| E0770      | E0770     | A, P, R        |
| E0776      | E0776     | A, P, R, E     |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| E0779      | E0780     | A, P, R |
| E0781      | E0781     | 9, R    |
| E0782      | E0783     | A, P, R |
| E0784      | E0784     | R       |
| E0785      | E0785     | P       |
| E0786      | E0786     | 9       |
| E0791      | E0791     | R       |
| E0830      | E0830     | P       |
| E0840      | E0840     | A, P, R |
| E0849      | E0849     | A, P, R |
| E0850      | E0900     | A, P, R |
| E0910      | E0941     | R       |
| E0942      | E0945     | A, P, R |
| E0946      | E0946     | R       |
| E0947      | E0957     | A, P, R |
| E0958      | E0958     | R       |
| E0959      | E0967     | A, P, R |
| E0968      | E0968     | R       |
| E0969      | E0982     | A, P, R |
| E0983      | E0983     | R       |
| E0984      | E1030     | A, P, R |
| E1031      | E1060     | R       |
| E1065      | E1069     | A, P, R |
| E1070      | E1160     | R       |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| E1161      | E1161     | A, P, R |
| E1170      | E1200     | R       |
| E1210      | E1213     | A, P, R |
| E1220      | E1220     | P       |
| E1221      | E1225     | R       |
| E1226      | E1227     | A, P, R |
| E1228      | E1228     | R       |
| E1229      | E1239     | A, P, R |
| E1240      | E1295     | R       |
| E1296      | E1310     | A, P, R |
| E1340      | E1340     | 9       |
| E1353      | E1353     | R       |
| E1354      | E1354     | A, P, R |
| E1355      | E1355     | R       |
| E1356      | E1372     | A, P, R |
| E1375      | E1392     | R       |
| E1399      | E1399     | A, P, R |
| E1400      | E1406     | R       |
| E1500      | E1699     | L       |
| E1700      | E1700     | A, P, R |
| E1701      | E1702     | P       |
| E1800      | E1801     | P, R    |
| E1802      | E1802     | R       |
| E1805      | E1840     | P, R    |

| First Code | Last Code    | TOS     |
|------------|--------------|---------|
| E1841      | E1841        | R       |
| E1900      | E1902        | A, P, R |
| E2000      | E2000        | R       |
| E2100      | E2101        | A, P, R |
| E2120      | E2120        | R       |
| E2201      | E2396        | A, P, R |
| E2397      | E2397        | P       |
| E2399      | E2399        | A, P, R |
| E2402      | E2402        | R       |
| E2500      | <i>E2625</i> | A, P, R |
| E8000      | E8002        | 9       |
| G0001      | G0001        | 5       |
| G0002      | G0002        | 2       |
| G0004      | G0007        | 5       |
| G0008      | G0009        | V       |
| G0010      | G0010        | 1       |
| G0015      | G0016        | 5       |
| G0022      | G0024        | 1       |
| G0025      | G0025        | S       |
| G0026      | G0027        | 5       |
| G0030      | G0050        | 4       |
| G0101      | G0102        | 1       |
| G0103      | G0103        | 5       |
| G0104      | G0105        | 2       |

| First Code | Last Code    | TOS      |
|------------|--------------|----------|
| G0106      | G0106        | 4        |
| G0107      | G0107        | 5        |
| G0108      | G0113        | 1        |
| G0114      | G0114        | 3        |
| G0115      | G0116        | T, 1     |
| G0117      | G0118        | Q        |
| G0120      | G0120        | 4        |
| G0121      | G0121        | 2        |
| G0122      | G0122        | 4        |
| G0123      | G0124        | 5        |
| G0125      | G0126        | 4        |
| G0127      | G0127        | 2        |
| G0128      | G0128        | 1        |
| G0129      | G0129        | U        |
| G0130      | G0132        | 4        |
| G0141      | G0148        | 5        |
| G0151      | <i>G0164</i> | <i>1</i> |
| G0165      | G0165        | 4        |
| G0166      | G0168        | 1        |
| G0169      | G0169        | W, 1     |
| G0170      | G0171        | 2        |
| G0172      | G0172        | U        |
| G0173      | G0174        | 2        |
| G0175      | G0175        | 1        |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| G0176      | G0177     | U       |
| G0178      | G0178     | 6       |
| G0179      | G0182     | 1       |
| G0184      | G0187     | 2       |
| G0188      | G0188     | 4       |
| G0190      | G0203     | 1       |
| G0204      | G0234     | 4       |
| G0235      | G0235     | 1       |
| G0236      | G0236     | 4       |
| G0237      | G0239     | 1, U, W |
| G0240      | G0240     | 1       |
| G0241      | G0243     | 2       |
| G0244      | G0247     | 1       |
| G0248      | G0249     | 5       |
| G0250      | G0250     | 1       |
| G0251      | G0255     | 4       |
| G0256      | G0256     | 2       |
| G0257      | G0259     | 1       |
| G0260      | G0260     | F       |
| G0261      | G0261     | 2       |
| G0262      | G0262     | 4       |
| G0263      | G0264     | 1       |
| G0265      | G0267     | 5       |
| G0268      | G0268     | 2       |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| G0269      | G0272     | 1       |
| G0273      | G0274     | 6       |
| G0275      | G0278     | 2       |
| G0279      | G0283     | 1, U, W |
| G0288      | G0288     | 4       |
| G0289      | G0291     | 2       |
| G0292      | G0292     | 1       |
| G0293      | G0294     | 2       |
| G0295      | G0295     | 1, U, W |
| G0296      | G0296     | 4       |
| G0297      | G0300     | 2       |
| G0301      | G0305     | 1       |
| G0306      | G0307     | 5       |
| G0308      | G0323     | M       |
| G0324      | G0327     | 1       |
| G0328      | G0328     | 5       |
| G0329      | G0329     | 1, U, W |
| G0332      | G0332     | 1       |
| G0336      | G0336     | 4       |
| G0337      | G0340     | 1       |
| G0341      | G0343     | 2       |
| G0344      | G0363     | 1       |
| G0364      | G0364     | 2       |
| G0365      | G0368     | 5       |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| G0369        | G0371        | 9        |
| G0372        | G0372        | 1        |
| G0373        | G0376        | 9        |
| G0377        | G0384        | 1        |
| G0389        | G0389        | 4        |
| G0390        | G0390        | 1        |
| G0392        | G0393        | 2        |
| G0394        | G0400        | 5        |
| G0406        | G0408        | 3        |
| G0420        | G0424        | 1        |
| G0425        | G0427        | 3        |
| <i>G0428</i> | <i>G0429</i> | <i>2</i> |
| G0430        | <i>G0434</i> | 5        |
| <i>G0435</i> | <i>G0435</i> | <i>9</i> |
| <i>G0436</i> | G9140        | 1        |
| G9141        | G9142        | V        |
| G9143        | G9143        | <i>5</i> |
| <i>G9147</i> | H2037        | 9        |
| J0120        | J0210        | P, 1     |
| J0215        | J0215        | 1, G     |
| J0220        | J0256        | 1, P     |
| J0270        | J0275        | 1        |
| J0278        | J0476        | 1, P     |
| J0480        | J0480        | 1, G     |



| First Code   | Last Code    | TOS         |
|--------------|--------------|-------------|
| J0500        | J0594        | 1, P        |
| J0595        | J0595        | 1           |
| <i>J0597</i> | J0880        | 1, P        |
| J0881        | J0882        | 1, L        |
| J0885        | J0885        | 9           |
| J0886        | J0886        | 1, L        |
| J0894        | J1642        | 1, P        |
| J1644        | J1644        | P, 1, L     |
| J1645        | J1670        | P, 1        |
| J1675        | J1675        | 1, G        |
| J1680        | J1820        | 1, P        |
| J1825        | J1830        | 1           |
| J1835        | J2916        | P, 1        |
| J2920        | J2930        | G, 1        |
| J2940        | J3395        | P, 1        |
| J3396        | J3396        | 9           |
| J3400        | J7199        | 1, P        |
| J7300        | J7307        | 9           |
| J7308        | J7308        | 1           |
| <i>J7309</i> | J7310        | 9           |
| J7311        | J7311        | Q           |
| <i>J7312</i> | <i>J7312</i> | <i>1, P</i> |
| J7315        | J7324        | 1           |
| J7325        | J7330        | P, 1        |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| <i>J7335</i> | <i>J7335</i> | <i>9</i> |
| J7340        | J7349        | 1        |
| J7350        | J7350        | 1, S     |
| J7500        | J7599        | G, 1     |
| J7604        | J8499        | P, 1     |
| J8501        | J8501        | G, 1     |
| J8510        | J8521        | P, 1     |
| J8530        | J8530        | 1, G, P  |
| J8540        | J8540        | 1        |
| J8560        | J8560        | 1, P     |
| <i>J8562</i> | J8565        | 9        |
| J8597        | J8597        | 1        |
| J8600        | J8600        | P, 1     |
| J8610        | J8610        | P, G, 1  |
| J8650        | J8650        | 1, G     |
| J8700        | J9212        | P, 1     |
| J9213        | J9216        | G        |
| J9217        | J9999        | P, 1     |
| K0001        | K0004        | R        |
| K0005        | K0005        | A, P, R  |
| K0006        | K0007        | R        |
| K0008        | K0008        | P        |
| K0009        | K0012        | A, P, R  |
| K0013        | K0013        | P        |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| K0014      | K0100     | A, P, R |
| K0101      | K0101     | R       |
| K0102      | K0108     | A, P, R |
| K0109      | K0113     | P       |
| K0114      | K0116     | A, P, R |
| K0119      | K0123     | G       |
| K0137      | K0169     | P       |
| K0170      | K0171     | A, P, R |
| K0172      | K0173     | P       |
| K0174      | K0174     | A, P, R |
| K0175      | K0176     | P       |
| K0177      | K0177     | A, P, R |
| K0178      | K0178     | P       |
| K0179      | K0181     | A, P, R |
| K0182      | K0182     | P       |
| K0183      | K0192     | A, P, R |
| K0193      | K0195     | R       |
| K0268      | K0270     | A, P, R |
| K0277      | K0283     | P       |
| K0284      | K0284     | A, P, R |
| K0400      | K0400     | P       |
| K0401      | K0401     | J       |
| K0407      | K0411     | P       |
| K0412      | K0412     | G       |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| K0415      | K0416     | 1       |
| K0417      | K0417     | A, P, R |
| K0418      | K0418     | G       |
| K0419      | K0451     | P       |
| K0452      | K0452     | A, P, R |
| K0455      | K0456     | R       |
| K0457      | K0459     | A, P, R |
| K0460      | K0461     | P, R    |
| K0462      | K0462     | 9       |
| K0501      | K0501     | R       |
| K0503      | K0529     | P       |
| K0530      | K0531     | A, P, R |
| K0532      | K0534     | R       |
| K0535      | K0537     | S       |
| K0538      | K0538     | R       |
| K0539      | K0540     | P       |
| K0541      | K0547     | A, P, R |
| K0548      | K0548     | 1, P    |
| K0549      | K0550     | R       |
| K0551      | K0551     | A, P, R |
| K0552      | K0552     | P       |
| K0553      | K0555     | A, P, R |
| K0556      | K0597     | P       |
| K0600      | K0608     | A, P, R |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| K0609      | K0609     | P       |
| K0610      | K0614     | L       |
| K0615      | K0617     | A, P, R |
| K0618      | K0619     | P       |
| K0620      | K0626     | S       |
| K0627      | K0627     | A, P, R |
| K0628      | K0629     | J       |
| K0630      | K0649     | P       |
| K0650      | K0669     | A, P, R |
| K0670      | K0670     | P       |
| K0671      | K0671     | R       |
| K0672      | K0672     | P       |
| K0730      | K0730     | A, P, R |
| K0731      | K0732     | P       |
| K0733      | K0737     | A, P, R |
| K0738      | K0738     | P, R    |
| K0739      | K0740     | 9       |
| K0800      | K0899     | A, P, R |
| L0100      | L3963     | P       |
| L3964      | L3966     | A, P, R |
| L3967      | L3967     | P       |
| L3968      | L3970     | A, P, R |
| L3971      | L3971     | P       |
| L3972      | L3972     | A, P, R |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| L3973      | L3973     | P       |
| L3974      | L3974     | A, P, R |
| L3975      | L8100     | P       |
| L8110      | L8120     | P, S    |
| L8130      | L9900     | P       |
| M0064      | M0300     | 1       |
| M0301      | M0301     | 2       |
| M0302      | P7001     | 5       |
| P9010      | P9011     | 0       |
| P9012      | P9012     | 9       |
| P9016      | P9016     | 0       |
| P9017      | P9020     | 9       |
| P9021      | P9022     | 0       |
| P9023      | P9037     | 9       |
| P9038      | P9040     | 0       |
| P9041      | P9050     | 9       |
| P9051      | P9051     | 0       |
| P9052      | P9053     | 9       |
| P9054      | P9054     | 0       |
| P9055      | P9055     | 9       |
| P9056      | P9058     | 0       |
| P9059      | P9060     | 9       |
| P9603      | P9615     | 5       |
| Q0034      | Q0034     | 1       |

| First Code   | Last Code | TOS  |
|--------------|-----------|------|
| Q0035        | Q0035     | 5    |
| Q0068        | Q0068     | 9    |
| Q0081        | Q0081     | 1    |
| Q0082        | Q0082     | 9    |
| Q0083        | Q0085     | 1    |
| Q0086        | Q0086     | 9    |
| Q0091        | Q0091     | 1    |
| Q0092        | Q0092     | 4    |
| Q0111        | Q0115     | 5    |
| Q0132        | Q0136     | 9    |
| Q0137        | Q0137     | 1, L |
| Q0138        | Q0139     | 1, P |
| Q0144        | Q0144     | 1    |
| Q0156        | Q0161     | P, 1 |
| Q0163        | Q0181     | 1    |
| Q0182        | Q0185     | S    |
| Q0186        | Q0186     | 1    |
| Q0187        | Q0187     | P, 1 |
| Q0188        | Q0188     | 9    |
| <i>Q0478</i> | Q0506     | P    |
| Q0510        | Q0514     | 9    |
| Q0515        | Q0515     | 1, P |
| Q1001        | Q1005     | F    |
| Q2001        | Q2018     | 1, P |

| First Code   | Last Code    | TOS         |
|--------------|--------------|-------------|
| Q2019        | Q2019        | 1, G        |
| Q2020        | Q2024        | 1, P        |
| <i>Q2025</i> | <i>Q2027</i> | <i>1, 9</i> |
| <i>Q2035</i> | <i>Q2039</i> | <i>V</i>    |
| Q3000        | Q3000        | 4           |
| Q3001        | Q3001        | 1           |
| Q3002        | Q3012        | 4           |
| Q3013        | Q3014        | 9           |
| Q3017        | Q3020        | D           |
| Q3025        | Q3030        | P, 1        |
| Q3031        | Q3031        | 5           |
| Q4001        | Q4051        | S           |
| Q4052        | Q4053        | 1, P        |
| Q4054        | Q4055        | 1, L        |
| Q4074        | Q4077        | P, 1        |
| Q4078        | Q4078        | 4           |
| Q4079        | Q4080        | 1, P        |
| Q4081        | Q4082        | L, 1        |
| Q4083        | Q4086        | 1           |
| Q4087        | Q4099        | 1, P        |
| Q4115        | <i>Q4121</i> | 1           |
| Q5001        | Q9940        | L, 1        |
| Q9941        | Q9944        | 1, P        |
| Q9945        | Q9968        | 4           |



| First Code | Last Code    | TOS  |
|------------|--------------|------|
| R0070      | R0075        | 4    |
| R0076      | R0076        | 5    |
| S0009      | S0011        | P, 1 |
| S0012      | S0012        | 1    |
| S0014      | S0087        | P, 1 |
| S0088      | S0088        | 9    |
| S0090      | S0090        | P, 1 |
| S0091      | S0093        | 9    |
| S0096      | S0098        | 1, P |
| S0104      | S0104        | 1    |
| S0106      | S0108        | 9    |
| S0112      | S0112        | 1    |
| S0114      | S0118        | 9    |
| S0122      | S0132        | 1, P |
| S0133      | S0133        | 9    |
| S0135      | S0135        | 1, P |
| S0136      | <i>S0169</i> | 9    |
| S0170      | S0170        | 1, P |
| S0171      | S0178        | 9    |
| S0179      | S0179        | 1, P |
| S0181      | S0187        | 9    |
| S0189      | S0189        | 1, P |
| S0190      | S0201        | 9    |
| S0206      | S0206        | 2    |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| S0207      | S0207     | 9       |
| S0208      | S0215     | D       |
| S0220      | S0400     | 9       |
| S0500      | S0592     | Q       |
| S0595      | S0800     | 9       |
| S0810      | S0810     | 2, 9    |
| S0812      | S0812     | Q       |
| S0820      | S0830     | 9       |
| S1001      | S1002     | P       |
| S1015      | S1016     | 9       |
| S1025      | S1025     | 1       |
| S1030      | S1030     | P, R    |
| S1031      | S1031     | A, P, R |
| S1040      | S1040     | P       |
| S2050      | S2053     | 2, 9    |
| S2054      | S2061     | 9       |
| S2065      | S2067     | 2       |
| S2068      | S2109     | 9       |
| S2112      | S2112     | 2       |
| S2113      | S2371     | 9       |
| S2400      | S2404     | 2       |
| S2405      | S2405     | 9       |
| S2409      | S2409     | 2       |
| S2411      | S3800     | 9       |

| First Code | Last Code | TOS |
|------------|-----------|-----|
| S3818      | S3819     | 5   |
| S3820      | S4980     | 9   |
| S4981      | S4981     | 2   |
| S4989      | S8001     | 9   |
| S8002      | S8003     | 1   |
| S8004      | S8035     | 9   |
| S8037      | S8037     | 4   |
| S8040      | S8210     | 9   |
| S8260      | S8260     | P   |
| S8262      | S8270     | 9   |
| S8300      | S8300     | S   |
| S8301      | S8434     | 9   |
| S8450      | S8452     | P   |
| S8460      | S8470     | 9   |
| S8490      | S8490     | S   |
| S8940      | S9528     | 9   |
| S9529      | S9529     | 5   |
| S9533      | S9590     | 9   |
| S9800      | S9800     | 1   |
| S9802      | T1014     | 9   |
| T1015      | T1015     | 1   |
| T1016      | T4543     | 9   |
| T5001      | T5999     | 9   |
| V2020      | V2615     | Q   |

| First Code   | Last Code    | TOS        |
|--------------|--------------|------------|
| V2623        | V2629        | P          |
| V2630        | V2799        | Q          |
| V5008        | V5299        | K          |
| V5336        | V5336        | 1          |
| V5362        | V5364        | 1, W       |
| 00100        | 00103        | 7          |
| 00104        | 00104        | T, 7       |
| 00120        | 00860        | 7          |
| 00862        | 00862        | N, 7       |
| 00864        | 01999        | 7          |
| 10021        | 11012        | 2          |
| 11040        | 11044        | 2, U, W    |
| <i>11045</i> | <i>11045</i> | <i>2</i>   |
| <i>11046</i> | <i>11047</i> | <i>1,2</i> |
| 11055        | 20975        | 2          |
| 20979        | 20979        | 6          |
| 20982        | 29058        | 2          |
| 29065        | 29540        | 2, U, W    |
| 29550        | 29550        | 1, U, W    |
| 29580        | 29580        | 1, U, W    |
| 29581        | 29581        | 1          |
| 29700        | 36410        | 2          |
| 36415        | 36415        | 5          |
| 36416        | 36416        | 1          |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| 36420      | 36510     | 2       |
| 36511      | 36516     | 1       |
| 36520      | 38200     | 2       |
| 38204      | 38204     | 1       |
| 38205      | 38206     | 2       |
| 38207      | 38209     | 1       |
| 38210      | 38210     | 2       |
| 38211      | 38215     | 5       |
| 38220      | 38241     | 2       |
| 38242      | 38242     | 2       |
| 38300      | 43774     | 2       |
| 43775      | 50290     | 2       |
| 50300      | 50320     | N       |
| 50323      | 50546     | 2       |
| 50547      | 50547     | N       |
| 50548      | 55845     | 2       |
| 55859      | 55859     | 6       |
| 55860      | 62230     | 2       |
| 62252      | 62252     | 1       |
| 62256      | 64530     | 2       |
| 64550      | 64550     | 2, U, W |
| 64553      | 69990     | 2       |
| 70010      | 75893     | 4       |
| 75894      | 75896     | 6       |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| 75898      | 75898     | 4       |
| 75900      | 75954     | 6       |
| 75956      | 75959     | 4       |
| 75960      | 75968     | 6       |
| 75970      | 75970     | 4       |
| 75978      | 75989     | 6       |
| 75992      | 76082     | 4       |
| 76083      | 76085     | 1       |
| 76086      | 76091     | 4       |
| 76092      | 76092     | B, C, 1 |
| 76093      | 76934     | 4       |
| 76936      | 76936     | 6       |
| 76937      | 76937     | 4       |
| 76938      | 76938     | 6       |
| 76940      | 76940     | 4       |
| 76941      | 76942     | 6       |
| 76945      | 76945     | 4       |
| 76946      | 76965     | 6       |
| 76970      | 77051     | 4       |
| 77052      | 77052     | 1       |
| 77053      | 77056     | 4       |
| 77057      | 77057     | 1       |
| 77058      | 77084     | 4       |
| 77261      | 77370     | 6       |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| 77371        | 77373        | 4        |
| 77399        | 77799        | 6        |
| 78000        | 78264        | 4        |
| 78267        | 78268        | 5        |
| 78270        | 78807        | 4        |
| 78808        | 78808        | 1        |
| 78811        | 78999        | 4        |
| 79000        | 79001        | 6        |
| 79005        | 79005        | 4        |
| 79030        | 79100        | 6        |
| 79101        | 79101        | 4        |
| 79200        | 79440        | 6        |
| 79445        | 79445        | 4        |
| 79900        | 79999        | 6        |
| 80047        | 80440        | 5        |
| 80500        | 80502        | 3        |
| 81000        | 88319        | 5        |
| 88321        | 88332        | 3        |
| 88333        | 89399        | 5        |
| 90281        | 90468        | 1        |
| <i>90470</i> | <i>90470</i> | <i>V</i> |
| 90471        | 90636        | 1        |
| 90644        | 90644        | <i>V</i> |
| 90645        | 90650        | 1        |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| <i>90654</i> | <i>90664</i> | <i>V</i> |
| 90665        | 90665        | 1        |
| <i>90666</i> | <i>90670</i> | <i>V</i> |
| <i>90675</i> | 90727        | 1        |
| 90732        | 90732        | V        |
| 90733        | 90802        | 1        |
| 90804        | 90899        | T, 1     |
| 90901        | 90911        | U, W, 1  |
| 90918        | 90921        | M        |
| 90922        | 90999        | 1        |
| 91000        | 91012        | 5        |
| <i>91013</i> | <i>91013</i> | <i>1</i> |
| 91020        | 91033        | 5        |
| 91034        | 91040        | 1        |
| 91052        | 91065        | 5        |
| 91100        | 91105        | 2        |
| 91110        | 91111        | 4        |
| <i>91117</i> | 91120        | 1        |
| 91122        | 91122        | 5        |
| 91123        | 91123        | 1        |
| 91132        | 91133        | 5        |
| 91299        | 91299        | 2        |
| 92002        | 92014        | 1        |
| 92015        | 92015        | Q        |



| First Code   | Last Code    | TOS         |
|--------------|--------------|-------------|
| 92018        | 92020        | 1           |
| 92025        | 92025        | 5           |
| 92060        | 92060        | 1           |
| 92065        | 92130        | Q           |
| <i>92132</i> | <i>92134</i> | <i>1</i>    |
| 92135        | 92226        | Q           |
| 92227        | 92227        | Q           |
| 92228        | 92228        | <i>1, Q</i> |
| 92230        | 92396        | Q           |
| 92499        | 92504        | 1           |
| 92506        | 92508        | W, 1, U     |
| 92510        | 92510        | K, U, W     |
| 92511        | 92520        | 1           |
| 92525        | 92526        | U, W, 1     |
| 92531        | 92550        | 1           |
| 92551        | 92569        | K           |
| 92570        | 92570        | 1           |
| 92571        | 92596        | K           |
| 92597        | 92598        | W, 1        |
| 92599        | 92616        | 1           |
| 92617        | 92617        | 2           |
| 92620        | 92633        | 1           |
| 92640        | 92640        | 9           |
| 92700        | 92971        | 1           |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| 92973        | 92977        | 2        |
| 92978        | 92979        | 4        |
| 92980        | 92998        | 2        |
| 93000        | 93278        | 5        |
| 93279        | 93292        | 1        |
| 93303        | 93352        | 5        |
| <i>93451</i> | <i>93463</i> | <i>2</i> |
| <i>93464</i> | <i>93464</i> | <i>1</i> |
| 93501        | 93545        | 2        |
| 93555        | 93556        | 4        |
| 93561        | 93662        | 2        |
| 93668        | 93668        | 9        |
| 93701        | 93744        | 5        |
| 93745        | 93750        | 1        |
| 93760        | 93888        | 5        |
| 93890        | 93893        | 6        |
| 93922        | 93981        | 5        |
| 93982        | 93982        | 1        |
| 93990        | 93990        | 5        |
| 94002        | 94005        | 1        |
| 94010        | 94450        | 5        |
| 94452        | 94610        | 1        |
| 94620        | 94621        | 5        |
| 94640        | 94668        | 1        |

| First Code | Last Code    | TOS      |
|------------|--------------|----------|
| 94680      | 94772        | 5        |
| 94774      | 94774        | 1        |
| 94775      | 94776        | 9        |
| 94777      | 94777        | 1        |
| 94779      | 94799        | 5        |
| 95004      | <i>95801</i> | <i>1</i> |
| 95803      | 95830        | 5        |
| 95831      | 95852        | U, W, 5  |
| 95857      | 95870        | W, 5     |
| 95872      | 95927        | 5        |
| 95928      | 95929        | 1        |
| 95930      | 95930        | Q        |
| 95933      | 95962        | 5        |
| 95965      | 95967        | 4        |
| 95970      | 95975        | 5        |
| 95978      | 95992        | 1        |
| 95999      | 95999        | 5        |
| 96000      | 96003        | 1, W     |
| 96004      | 96004        | 1        |
| 96020      | 96020        | 4        |
| 96040      | 96103        | 1        |
| 96105      | 96115        | U, W, 5  |
| 96116      | 96120        | 5        |
| 96150      | 96155        | 9        |

| First Code | Last Code | TOS     |
|------------|-----------|---------|
| 96400      | 96567     | 1       |
| 96570      | 96571     | 2       |
| 96900      | 96913     | 1       |
| 96920      | 96922     | 2       |
| 96999      | 96999     | 1       |
| 97001      | 97546     | 1, U, W |
| 97597      | 97598     | 1       |
| 97601      | 97602     | 1, U, W |
| 97605      | 97606     | 1       |
| 97703      | 97799     | 1, U, W |
| 97802      | 98969     | 1       |
| 99000      | 99002     | 9       |
| 99024      | 99060     | 1       |
| 99070      | 99071     | 9       |
| 99075      | 99091     | 1       |
| 99100      | 99150     | 7       |
| 99170      | 99170     | 5       |
| 99172      | 99173     | Q       |
| 99174      | 99239     | 1       |
| 99241      | 99275     | 3       |
| 99281      | 99444     | 1       |
| 99450      | 99456     | 9       |
| 99460      | 99539     | 1       |
| 99551      | 99569     | 9       |

| First Code | Last Code | TOS |
|------------|-----------|-----|
| 99600      | 99600     | 1   |
| 99601      | 99607     | 9   |
| 0001T      | 0002T     | 2   |
| 0003T      | 0003T     | 9   |
| 0005T      | 0009T     | 2   |
| 0010T      | 0010T     | 5   |
| 0012T      | 0020T     | 2   |
| 0021T      | 0021T     | 1   |
| 0023T      | 0023T     | 5   |
| 0024T      | 0024T     | 2   |
| 0025T      | 0026T     | 9   |
| 0027T      | 0027T     | 2   |
| 0028T      | 0028T     | 4   |
| 0029T      | 0029T     | 9   |
| 0030T      | 0031T     | 5   |
| 0032T      | 0039T     | 2   |
| 0040T      | 0040T     | 4   |
| 0041T      | 0041T     | 5   |
| 0042T      | 0043T     | 4   |
| 0044T      | 0045T     | 9   |
| 0046T      | 0057T     | 2   |
| 0058T      | 0060T     | 5   |
| 0061T      | 0063T     | 2   |
| 0064T      | 0064T     | 5   |

| First Code | Last Code | TOS |
|------------|-----------|-----|
| 0065T      | 0065T     | 1   |
| 0066T      | 0066T     | 2   |
| 0067T      | 0070T     | 4   |
| 0071T      | 0072T     | 2   |
| 0073T      | 0073T     | 4   |
| 0074T      | 0074T     | 1   |
| 0075T      | 0076T     | 6   |
| 0077T      | 0081T     | 2   |
| 0082T      | 0083T     | 6   |
| 0084T      | 0084T     | 1   |
| 0085T      | 0085T     | 5   |
| 0086T      | 0086T     | 1   |
| 0087T      | 0087T     | 5   |
| 0088T      | 0088T     | 6   |
| 0089T      | 0089T     | 9   |
| 0090T      | 0102T     | 2   |
| 0103T      | 0110T     | 9   |
| 0111T      | 0111T     | 5   |
| 0115T      | 0117T     | 9   |
| 0120T      | 0126T     | 2   |
| 0130T      | 0133T     | 9   |
| 0135T      | 0137T     | 2   |
| 0140T      | 0140T     | 9   |
| 0141T      | 0143T     | 2   |

| First Code | Last Code | TOS |
|------------|-----------|-----|
| 0145T      | 0152T     | 4   |
| 0153T      | 0153T     | 2   |
| 0154T      | 0154T     | 4   |
| 0155T      | 0158T     | 2   |
| 0159T      | 0159T     | 4   |
| 0160T      | 0161T     | 6   |
| 0162T      | 0162T     | 9   |
| 0163T      | 0173T     | 2   |
| 0174T      | 0175T     | 4   |
| 0176T      | 0177T     | 2   |
| 0178T      | 0180T     | 5   |
| 0181T      | 0181T     | Q   |
| 0182T      | 0182T     | 6   |
| 0183T      | 0183T     | 9   |
| 0184T      | 0185T     | 1   |
| 0186T      | 0186T     | 2   |
| 0187T      | 0190T     | 9   |
| 0191T      | 0193T     | 2   |
| 0194T      | 0194T     | 5   |
| 0195T      | 0196T     | 2   |
| 0197T      | 0197T     | 6   |
| 0198T      | 0199T     | 1   |
| 0200T      | 0202T     | 2   |
| 0203T      | 0207T     | 1   |

| First Code   | Last Code    | TOS      |
|--------------|--------------|----------|
| 0208T        | 0222T        | 9        |
| <i>0223T</i> | <i>0225T</i> | <i>4</i> |
| <i>0226T</i> | <i>0232T</i> | <i>2</i> |
| <i>0233T</i> | <i>0233T</i> | <i>9</i> |
| <i>0234T</i> | <i>0238T</i> | <i>2</i> |
| <i>0239T</i> | <i>0244T</i> | <i>9</i> |
| <i>0245T</i> | <i>0259T</i> | <i>2</i> |
| <i>0260T</i> | <i>0261T</i> | <i>1</i> |
| 0001F        | 0500F        | 1        |
| 0501F        | 0501F        | 9        |
| 0502F        | 7025F        | 1        |