

01 B998-CAT-DETAIL-REC.

*** DETAIL RECORD 2X

03 B998-SBA-DETAIL-RECORD.

05	B998-RECORD-TYPE	PIC X(02).	
88	B998-BA-RECORD-TYPE		VALUE '21'.
88	B998-BL-PERIOD-RECORD-TYPE		VALUE '22'.
88	B998-GNN-RECORD-TYPE		VALUE '23'.
88	B998-CM-RECORD-TYPE		VALUE '24'.
88	B998-CDD-RECORD-TYPE		VALUE '25'.

05 B998-DELIMITER-1 PIC X.

05 B998-SORT-KEY.

07 B998-SBA-ID PIC 9(11).

07 B998-AGGR-MKTR-GR-ID REDEFINES B998-SBA-ID
PIC 9(11).

07 B998-DELIMITER-2 PIC X.

07 B998-MEMBER-ID PIC X(10).

07 B998-CORE-AGGR-BILL-CD-GR REDEFINES
B998-MEMBER-ID.09 B998-CORE-AGGR-BILL-CD
PIC X.

09 FILLER PIC X(09).

07 B998-DELIMITER-3 PIC X.

07 B998-BA-ID PIC 9(11).

07 B998-DELIMITER-4 PIC X.

07 B998-CM-END-DT PIC X(10).

07 B998-DELIMITER-5 PIC X.

07 B998-UNUSED-1 PIC 9(11).

07 B998-DELIMITER-6 PIC X.

07 B998-UNUSED-2 PIC 9(11).

07 B998-DELIMITER-7 PIC X.

07 FILLER PIC X(04).

07 B998-DELIMITER-8 PIC X.

07 FILLER PIC X(02).

07 B998-DELIMITER-9 PIC X.

05 B998-DATA PIC X(518).

05 B998-END-OF-REC-MARK PIC X.

03 B998-BA-RECORD REDEFINES B998-SBA-DETAIL-RECORD.

05 B998-BA-RECORD-TYPE-CD PIC X(02).

05 B998-BA-DELIMITER-1 PIC X.

05 B998-BA-SORT-KEY.

07 B998-BA-SBA-ID PIC 9(11).

07 B998-BA-AGGR-MKTR-GR-ID REDEFINES B998-BA-SBA-ID
PIC 9(11).

07 B998-BA-DELIMITER-2 PIC X.

07 B998-BA-MEMBER-ID PIC X(10).

07 B998-BA-CORE-AGGR-BILL-CD-GR REDEFINES
B998-BA-MEMBER-ID.09 B998-BA-CORE-AGGR-BILL-CD
PIC X.

09 FILLER PIC X(09).

07 B998-BA-DELIMITER-3 PIC X.

07 B998-BA-BA-ID PIC 9(11).

07 B998-BA-DELIMITER-4 PIC X.

07 B998-BA-CM-END-DT PIC X(10).

07 B998-BA-DELIMITER-5 PIC X.

07 B998-BA-UNUSED-1 PIC 9(11).

07 B998-BA-DELIMITER-6 PIC X.

07 B998-BA-UNUSED-2 PIC 9(11).

07 B998-BA-DELIMITER-7 PIC X.

07 FILLER PIC X(04).

```

07 B998-BA-DELIMITER-8 PIC X.
07 FILLER PIC X(02).
07 B998-BA-DELIMITER-9 PIC X.
05 B998-BA-DATA.
07 B998-BA-CUST-NM PIC X(40).
07 B998-BA-DELIMITER-10 PIC X.
07 B998-BA-ABE-PREV-BAL-AMT
PIC 9(09).9(02).
07 B998-BA-DELIMITER-11 PIC X.
07 B998-BA-ABE-PREV-BAL-CR-IND
PIC X.
07 B998-BA-DELIMITER-12 PIC X.
07 B998-BA-ASC-BILL-CYC-ID PIC 9(05).
07 B998-BA-DELIMITER-13 PIC X.
07 B998-BA-SPCL-LDGR-SW PIC X.
07 B998-BA-DELIMITER-14 PIC X.
07 B998-BA-MAILING-ADDRESS.
09 B998-BA-MAIL-CTC-NM PIC X(40).
09 B998-BA-DELIMITER-15
PIC X.
09 B998-BA-MAIL-ADDR1-TXT
PIC X(80).
09 B998-BA-DELIMITER-16
PIC X.
09 B998-BA-MAIL-ADDR2-TXT
PIC X(80).
09 B998-BA-DELIMITER-17
PIC X.
09 B998-BA-MAIL-ADDR3-TXT
PIC X(80).
09 B998-BA-DELIMITER-18
PIC X.
07 B998-BA-SBA-RPT-CPY-NBR PIC 9(05).
07 B998-BA-DELIMITER-19 PIC X.
07 B998-BA-AGGR-BA-ID PIC 9(11).
07 B998-BA-DELIMITER-20 PIC X.
07 B998-BA-NON-GAS-AMT PIC 9(09).9(02).
07 B998-BA-DELIMITER-21 PIC X.
07 B998-BA-NON-GAS-AMT-CR-IND
PIC X.
07 B998-BA-DELIMITER-22 PIC X.
05 FILLER PIC X(138).
03 B998-BL-PERIOD-RECORD REDEFINES B998-SBA-DETAIL-RECORD.
05 B998-BL-PERIOD-RECORD-TYPE-CD
PIC X(02).
05 B998-BL-PERIOD-DELIMITER-1 PIC X.
05 B998-BL-PERIOD-SORT-KEY.
07 B998-BL-PERIOD-SBA-ID
PIC 9(11).
07 B998-BL-PERIOD-AGGR-MKTR-GR-ID REDEFINES
B998-BL-PERIOD-SBA-ID PIC 9(11).
07 B998-BL-PERIOD-DELIMITER-2
PIC X.
07 B998-BL-PERIOD-MEMBER-ID
PIC X(10).
07 B998-BL-PERIOD-AGGR-BILL-CD-GR REDEFINES
B998-BL-PERIOD-MEMBER-ID.
09 B998-BL-PERIOD-AGGR-BILL-CD
PIC X.
09 FILLER PIC X(09).
07 B998-BL-PERIOD-DELIMITER-3

```

```

          PIC X.
07 B998-BL-PERIOD-BA-ID PIC 9(11).
07 B998-BL-PERIOD-DELIMITER-4
          PIC X.
07 B998-BL-PERIOD-CM-END-DT
          PIC X(10).
07 B998-BL-PERIOD-DELIMITER-5
          PIC X.
07 B998-BL-PERIOD-UNUSED-1 PIC 9(11).
07 B998-BL-PERIOD-DELIMITER-6
          PIC X.
07 B998-BL-PERIOD-UNUSED-2 PIC 9(11).
07 B998-BL-PERIOD-DELIMITER-7
          PIC X.
07 FILLER PIC X(04).
07 B998-BL-PERIOD-DELIMITER-8
          PIC X.
07 FILLER PIC X(02).
07 B998-BL-PERIOD-DELIMITER-9
          PIC X.
05 B998-BL-PERIOD-DATA.
07 B998-BL-PERIOD-CM-ST-DT PIC X(10).
07 B998-BL-PERIOD-DELIMITER-10
          PIC X.
07 B998-BL-PERIOD-TOT-DAYS-BILLED
          PIC 9(03).
07 B998-BL-PERIOD-DELIMITER-11
          PIC X.
07 B998-BL-PERIOD-BILL-TYPE
          PIC X(02).
07 B998-BL-PERIOD-DELIMITER-12
          PIC X.
07 B998-BL-PERIOD-CLOSING-BL-IND
          PIC X.
07 B998-BL-PERIOD-DELIMITER-13
          PIC X.
05 FILLER PIC X(499).
03 B998-GNN-RECORD REDEFINES B998-SBA-DETAIL-RECORD.
05 B998-GNN-RECORD-TYPE-CD PIC X(02).
05 B998-GNN-DELIMITER-1 PIC X.
05 B998-GNN-SORT-KEY.
07 B998-GNN-SBA-ID PIC 9(11).
07 B998-GNN-AGGR-MKTR-GR-ID REDEFINES
    B998-GNN-SBA-ID PIC 9(11).
07 B998-GNN-DELIMITER-2 PIC X.
07 B998-GNN-MEMBER-ID PIC X(10).
07 B998-GNN-CORE-AGGR-BILL-CD-GR REDEFINES
    B998-GNN-MEMBER-ID.
09 B998-GNN-CORE-AGGR-BILL-CD
          PIC X.
09 FILLER PIC X(09).
07 B998-GNN-DELIMITER-3 PIC X.
07 B998-GNN-BA-ID PIC 9(11).
07 B998-GNN-DELIMITER-4 PIC X.
07 B998-GNN-CM-END-DT PIC X(10).
07 B998-GNN-DELIMITER-5 PIC X.
07 B998-GNN-GNN-ID PIC 9(11).
07 B998-GNN-DELIMITER-6 PIC X.
07 B998-GNN-SP-ID PIC 9(11).
07 B998-GNN-DELIMITER-7 PIC X.
07 FILLER PIC X(04).

```

07	B998-GNN-DELIMITER-8	PIC X.
07	FILLER	PIC X(02).
07	B998-GNN-DELIMITER-9	PIC X.
05	B998-GNN-DATA.	
07	B998-GNN-CM-ST-DT	PIC X(10).
07	B998-GNN-DELIMITER-10	PIC X.
07	B998-GNN-CM-STAT-CD	PIC X(02).
07	B998-GNN-DELIMITER-11	PIC X.
07	B998-GNN-DAYS-BILLED	PIC 9(03).
07	B998-GNN-DELIMITER-12	PIC X.
07	B998-GNN-SO-ID	PIC X(08).
07	B998-GNN-DELIMITER-13	PIC X.
07	B998-GNN-MEAS-SCE-CD	PIC X.
07	B998-GNN-DELIMITER-14	PIC X.
07	B998-GNN-EEU-COMB-CD	PIC X(03).
07	B998-GNN-DELIMITER-15	PIC X.
07	B998-GNN-BILL-AS-HEAT-ONLY-SW	PIC X.
07	B998-GNN-DELIMITER-16	PIC X.
07	B998-GNN-CLOSE-BILL-FL	PIC X.
07	B998-GNN-DELIMITER-17	PIC X.
07	B998-GNN-CF-NM	PIC X(40).
07	B998-GNN-DELIMITER-18	PIC X.
07	B998-GNN-CYC-ID	PIC 9(05).
07	B998-GNN-DELIMITER-19	PIC X.
07	B998-GNN-SECT-NBR	PIC 9(05).
07	B998-GNN-DELIMITER-20	PIC X.
07	B998-GNN-SNGS-NBR	PIC 9(05).
07	B998-GNN-DELIMITER-21	PIC X.
07	B998-GNN-SERVICE-ADDRESS.	
09	B998-GNN-SVC-ADDR1-TXT	PIC X(80).
09	B998-GNN-DELIMITER-22	PIC X.
09	B998-GNN-SVC-ADDR2-TXT	PIC X(80).
09	B998-GNN-DELIMITER-23	PIC X.
09	B998-GNN-SVC-ADDR3-TXT	PIC X(80).
09	B998-GNN-DELIMITER-24	PIC X.
07	B998-GNN-LJ-DESC	PIC X(30).
07	B998-GNN-DELIMITER-25	PIC X.
07	B998-GNN-NON-MTR-SW	PIC X.
07	B998-GNN-DELIMITER-26	PIC X.
07	B998-GNN-MTR-BADG-NBR	PIC X(12).
07	B998-GNN-DELIMITER-27	PIC X.
07	B998-GNN-MTR-RD-MTHD-CD	PIC X(03).
07	B998-GNN-DELIMITER-28	PIC X.
07	B998-GNN-RD-TO-DT	PIC X(10).
07	B998-GNN-DELIMITER-29	PIC X.
07	B998-GNN-RD-FROM-DT	PIC X(10).
07	B998-GNN-DELIMITER-30	PIC X.
07	B998-GNN-RD-TO-NBR	PIC 9(07).
07	B998-GNN-DELIMITER-31	PIC X.
07	B998-GNN-RD-FROM-NBR	PIC 9(07).
07	B998-GNN-DELIMITER-32	PIC X.
07	B998-GNN-THERMS-QTY	PIC 9(11).
07	B998-GNN-DELIMITER-33	PIC X.
07	B998-GNN-THERMS-NEG-IND	PIC X.

```

07 B998-GNN-DELIMITER-34 PIC X.
07 B998-GNN-THERMS-QTY-GVA PIC 9(11).
07 B998-GNN-DELIMITER-35 PIC X.
07 B998-GNN-THM-GVA-NEG-IND
PIC X.
07 B998-GNN-DELIMITER-36 PIC X.
07 B998-GNN-CCF-TOT PIC 9(11).
07 B998-GNN-DELIMITER-37 PIC X.
07 B998-GNN-CCF-NEG-IND PIC X.
07 B998-GNN-DELIMITER-38 PIC X.
07 B998-GNN-CCF-TOT-GVA PIC 9(11).
07 B998-GNN-DELIMITER-39 PIC X.
07 B998-GNN-CCF-GVA-NEG-IND
PIC X.
07 B998-GNN-DELIMITER-40 PIC X.
07 B998-GNN-BILL-FCT-NBR PIC 9.9(03).
07 B998-GNN-DELIMITER-41 PIC X.
07 B998-GNN-CORE-ACCT-FL PIC X.
07 B998-GNN-DELIMITER-42 PIC X.
05 FILLER PIC X(28).
03 B998-CM-RECORD REDEFINES B998-SBA-DETAIL-RECORD.
05 B998-CM-RECORD-TYPE-CD PIC X(02).
05 B998-CM-DELIMITER-1 PIC X.
05 B998-CM-SORT-KEY.
07 B998-CM-SBA-ID PIC 9(11).
07 B998-CM-AGGR-MKTR-GR-ID REDEFINES
B998-CM-SBA-ID PIC 9(11).
07 B998-CM-DELIMITER-2 PIC X.
07 B998-CM-MEMBER-ID PIC X(10).
07 B998-CM-CORE-AGGR-BILL-CD-GR REDEFINES
B998-CM-MEMBER-ID.
09 B998-CM-CORE-AGGR-BILL-CD
PIC X.
09 FILLER PIC X(09).
07 B998-CM-DELIMITER-3 PIC X.
07 B998-CM-BA-ID PIC 9(11).
07 B998-CM-DELIMITER-4 PIC X.
07 B998-CM-CM-END-DT PIC X(10).
07 B998-CM-DELIMITER-5 PIC X.
07 B998-CM-UNUSED-1 PIC 9(11).
07 B998-CM-DELIMITER-6 PIC X.
07 B998-CM-SP-ID PIC 9(11).
07 B998-CM-DELIMITER-7 PIC X.
07 FILLER PIC X(04).
07 B998-CM-DELIMITER-8 PIC X.
07 FILLER PIC X(02).
07 B998-CM-DELIMITER-9 PIC X.
05 B998-CM-DATA.
07 B998-CM-ST-DT PIC X(10).
07 B998-CM-DELIMITER-10 PIC X.
07 B998-CM-TOT-CHRG-AMT PIC 9(09).9(02).
07 B998-CM-DELIMITER-11 PIC X.
07 B998-CM-TOT-CHRG-AMT-CR-IND
PIC X.
07 B998-CM-DELIMITER-12 PIC X.
07 B998-CM-TOT-THM-QTY PIC 9(11).
07 B998-CM-DELIMITER-13 PIC X.
07 B998-CM-TOT-THM-NEG-IND PIC X.
07 B998-CM-DELIMITER-14 PIC X.
07 B998-CM-TOT-CCF-QTY PIC 9(11).
07 B998-CM-DELIMITER-15 PIC X.

```

```

07 B998-CM-TOT-CCF-NEG-IND PIC X.
07 B998-CM-DELIMITER-16 PIC X.
07 B998-CM-STAT-CD PIC X(02).
07 B998-CM-DELIMITER-17 PIC X.
07 B998-CM-MA-ID PIC 9(11).
07 B998-CM-DELIMITER-18 PIC X.
05 FILLER PIC X(450).
03 B998-CDD-RECORD REDEFINES B998-SBA-DETAIL-RECORD.
05 B998-CDD-RECORD-TYPE-CD PIC X(02).
05 B998-CDD-DELIMITER-1 PIC X.
05 B998-CDD-SORT-KEY.
07 B998-CDD-SBA-ID PIC 9(11).
07 B998-CDD-AGGR-MKTR-GR-ID REDEFINES
    B998-CDD-SBA-ID PIC 9(11).
07 B998-CDD-DELIMITER-2
    PIC X.
07 B998-CDD-MEMBER-ID PIC X(10).
07 B998-CDD-CORE-AGGR-BILL-CD-GR REDEFINES
    B998-CDD-MEMBER-ID.
09 B998-CDD-CORE-AGGR-BILL-CD
    PIC X.
09 FILLER PIC X(09).
07 B998-CDD-DELIMITER-3 PIC X.
07 B998-CDD-BA-ID PIC 9(11).
07 B998-CDD-DELIMITER-4 PIC X.
07 B998-CDD-CM-END-DT PIC X(10).
07 B998-CDD-DELIMITER-5 PIC X.
07 B998-CDD-UNUSED-1 PIC 9(11).
07 B998-CDD-DELIMITER-6 PIC X.
07 B998-CDD-SP-ID PIC 9(11).
07 B998-CDD-DELIMITER-7 PIC X.
07 B998-CDD-CT-CD PIC X(04).
07 B998-CDD-DELIMITER-8 PIC X.
07 B998-CDD-CT-SUB-CD PIC X(02).
07 B998-CDD-DELIMITER-9 PIC X.
05 B998-CDD-DATA.
07 B998-CDD-ST-DT PIC X(10).
07 B998-CDD-DELIMITER-10 PIC X.
07 B998-CDD-END-DT PIC X(10).
07 B998-CDD-DELIMITER-11 PIC X.
07 B998-CDD-QTY-UM-CD PIC X(04).
07 B998-CDD-DELIMITER-12 PIC X.
07 B998-CDD-CHRG-BSIS-QTY PIC 9(09).9(05).
07 B998-CDD-DELIMITER-13 PIC X.
07 B998-CDD-CHRG-BSIS-QTY-CR-IND
    PIC X.
07 B998-CDD-DELIMITER-14 PIC X.
07 B998-CDD-CHRG-AMT PIC 9(09).9(05).
07 B998-CDD-CHRG-AMT-CR-IND
    PIC X.
07 B998-CDD-DELIMITER-15 PIC X.
07 B998-DEBIT-ARR-RATE.
09 B998-CDD-RT-SOC-QTY PIC 9(11).9(05).
09 B998-CDD-RT-SOC-QTY-CR-IND
    PIC X.
09 B998-CDD-DELIMITER-16
    PIC X.
09 B998-CDD-RT-SOC-QTY-UM-CD
    PIC X(04).
09 B998-CDD-DELIMITER-17
    PIC X.

```

```
09 B998-CDD-RT-SOC-QTY-UM-BSIS-CD
PIC X(04).
09 B998-CDD-DELIMITER-18
PIC X.
05 FILLER
PIC X(428).
```

*** HEADER RECORD

```
03 B998-HEADER-RECORD REDEFINES B998-SBA-DETAIL-RECORD.
05 B998-H-RECORD-TYPE-CD PIC X(02).
05 B998-H-DELIMITER-1 PIC X.
05 B998-H-BA-MKTR-GR-ID PIC 9(11).
05 B998-H-DELIMITER-2 PIC X.
05 B998-H-DATE-CREATED PIC X(08).
05 B998-H-DELIMITER-3 PIC X.
05 B998-H-TIME-CREATED PIC X(12).
05 B998-H-DELIMITER-4 PIC X.
05 B998-H-FILLER PIC X(563).
```

*** TRAILER RECORD

```
03 B998-TRAILER-RECORD REDEFINES B998-SBA-DETAIL-RECORD.
05 B998-T-RECORD-TYPE-CD PIC X(02).
05 B998-T-DELIMITER-1 PIC X.
05 B998-T-BA-MKTR-GR-ID PIC 9(11).
05 B998-T-DELIMITER-2 PIC X.
05 B998-T-DATE-CREATED PIC X(08).
05 B998-T-DELIMITER-3 PIC X.
05 B998-T-TIME-CREATED PIC X(12).
05 B998-T-DELIMITER-4 PIC X.
05 B998-T-TOT-NBR-OF-REC PIC 9(10).
05 B998-T-DELIMITER-5 PIC X.
05 B998-T-TOT-NBR-OF-BA-REC PIC 9(10).
05 B998-T-DELIMITER-6 PIC X.
05 B998-T-FILLER PIC X(541).
```