## SPECIAL AND TRUST FUNDS

## Market-Based Securities

Discounts, premiums, and earned interest are explained below.

Discount. Assume a bill is purchased with a par value of $\$ 1,000,000$ at a sale price of $\$ 947,017.78$.

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Account Summary }->\mathrm{ View Transactions }->\mathrm{ Confirmation
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Request Details
Account Number: 20X\#\#45 REVOLVING FUND
Transaction Date: 05/27/2004
As Of Date: 05/27/2004
Inventory Method: N/A
Amount Type: Face
Security: 912795RM5 MK BILL 11/18/2004
Amount Entered: Not Available
Price Information
Memo Number: 00248209
Transaction Code: BUY Price: 94.701778
Principal: $\$ 1,000,000.00$
Discount: \$52,982.22
Premium: $\$ 0.00$
Earned Interest: $\$ 0.00$
Inflation Compensation: N/A
Sales Price: \$947,017.78
Index Ratio: N/A

Record the principal as a disbursement with a subclass 88. Record the discount as a receipt using a subclass 75.

```
Discount = Principal - (Principal * Price)
Discount = 1,000,000-\frac{(1,000,000 * 94.701778)}{100}
```

| STATEMENT OF TRANSACTIONS |  |  |
| :---: | :---: | :---: |
|  | Section I |  |
| Appropriation Fund or Receipt Account (1) | Receipts and Revolving Fund Repayments (2) | Net Disbursements (3) |
| (88) 20X\#\# 45 <br> (75) 20X\#\#45 | $\begin{aligned} & \text { 52,982. } 22 \\ & \text { Section II } \end{aligned}$ | 1,000,000.00 |
| 1. Add Payment Transactions Accomplished: |  |  |
| This Month |  | 947,017.78 |

If this security is held to maturity, the earnings would be $\$ 52,982.22$.

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| Request Details |  |  |  |  |
| Account Number: 20X\#\#45 REVOLVING FUND |  |  |  |  |
| Transaction Date: 11/18/2004 |  |  |  |  |
| As Of Date: 11/18/2004 |  |  |  |  |
| Inventory Method: N/A |  |  |  |  |
| Amount Type: N/A |  |  |  |  |
| Security: 912795RM5 MK BILL 11/18/2004 |  |  |  |  |
| Amount Entered: Not Available |  |  |  |  |
| Price Information |  |  |  |  |
| Memo Number: 00253154 |  |  |  |  |
| Transaction Code: MATU |  |  |  |  |
| Price: 100.000000 |  |  |  |  |
| Principal: \$1,000,000.00 |  |  |  |  |
| Discount: \$0.00 |  |  |  |  |
| Premium: \$0.00 |  |  |  |  |
| Earned Interest: \$0.00 |  |  |  |  |
| Inflation Compensation: N/A |  |  |  |  |
| Sales Price: \$1,000,000.00 |  |  |  |  |
| Index Ratio: N/A |  |  |  |  |

Record the principal as a receipt with a subclass 98. Reverse the discount on purchase by recording a negative receipt with a subclass 75. Record the earned discount as a receipt using the receipt (point) account for earnings.

| STATEMENT OF TRANSACTIONS <br> Section I | Net Disbursements <br> (3) |
| :---: | :---: |
| 1. Add Payment Transactions Accomplished: <br> This Month | $-1,000,000.00$ |

Assume this security is sold on September 30, 2004, at a price of 99.166000 . This would result in net earnings of $\$ 44,642.22$.

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| Request Details |  |  |  |  |
| Account Number: 20X\#\#45 REVOLVING FUND |  |  |  |  |
| Transaction Date: 09/30/2004 |  |  |  |  |
| As Of Date: 09/30/2004 |  |  |  |  |
| Inventory Method: FIFO |  |  |  |  |
| Amount Type: Face |  |  |  |  |
| Security: 912795RM5 MK BILL 11/18/2004 |  |  |  |  |
| Amount Entered: Not Available |  |  |  |  |
| Price Information |  |  |  |  |
| Memo Number: 00249311 |  |  |  |  |
| Transaction Code: SELL |  |  |  |  |
| Price: 99.166000 |  |  |  |  |
| Principal: \$1,000,000.00 |  |  |  |  |
| Discount: \$8,340.00 |  |  |  |  |
| Premium: \$0.00 |  |  |  |  |
| Earned Interest: \$0.00 |  |  |  |  |
| Inflation Compensation: N/A |  |  |  |  |
| Sales Price: \$991,660.00 |  |  |  |  |
| Index Ratio: N/A |  |  |  |  |

Record the principal as a receipt with a subclass 98. Reverse the discount on purchase by recording a negative receipt with a subclass 75 . Record the earned discount as a receipt using the receipt (point) account for earnings.

$$
\begin{aligned}
& \text { Discount }=\text { Principal }-\frac{(\text { Principal * Price })}{100} \\
& \text { Discount }=1,000,000-\frac{(1,000,000 \star 99.166)}{100}
\end{aligned}
$$

STATEMENT OF TRANSACTIONS
Section I

Appropriation $\quad$ Receipts and
Net Disbursements
(3)
$1,000,000.00$ 52,982.22 CR $44,642.22$
Section II

1. Add Payment Transactions Accomplished:

This Month

$$
-991,660.00
$$

Premium. Assume a bond is purchased with a par value of $\$ 2,500,000$ at a price of $\$ 2,531,250.00$.

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| Account Summary $\rightarrow$ View Transactions $\rightarrow$ Confirmation |  |  |  |  |
| Click here for printable version |  |  |  |  |
| Request Details |  |  |  |  |
| Account Number: 20X\#\#45 REVOLVING FUND |  |  |  |  |
| Transaction Date: 08/15/2004 |  |  |  |  |
| As Of Date: 08/15/2004 |  |  |  |  |
| Inventory Method: N/A |  |  |  |  |
| Amount Type: Face |  |  |  |  |
| Security: 9128210EH7 MK BOND 7.875\% 02/15/20 <br> Amount Entered: Not Available |  |  |  |  |
| Amount Entered: Not Available |  |  |  |  |
| Price Information |  |  |  |  |
| Memo Number: 00248597 |  |  |  |  |
| Transaction Code: BUY |  |  |  |  |
| Price: 101.250000 |  |  |  |  |
| Principal: \$2,500,000.00 |  |  |  |  |
| Discount: \$0.00 |  |  |  |  |
| Premium: \$31,250.00 |  |  |  |  |
| Earned Interest: \$0.00 |  |  |  |  |
| Inflation Compensation: N/A |  |  |  |  |
| Sales Price: \$2,531,250.00 |  |  |  |  |
| Index Ratio: N/A |  |  |  |  |

Record the principal as a disbursement with a subclass 88 . Record the premium as a negative receipt using the receipt (point) account for earnings.

```
Premium = (Price - 100) * Principal
Premium = (101.25-100) * 2,500,000
```


## STATEMENT OF TRANSACTIONS

Section I

| Appropriation <br> Fund or Receipt <br> Account <br> (1) | Receipts and <br> Revolving Fund <br> Repayments <br> (2) | Net Disbursements |
| :--- | :---: | :---: |
| (88) 20X\#\#45 <br> 20X\#\#45.2 | (3) |  |
| 1. Add Payment Transactions Accomplished: <br> Section II | $2,500,000.00$ |  |

Assume this bond is held to maturity.


Record the principal as a receipt with a subclass 98. Record the earned interest as a positive receipt using the receipt (point) account for earnings.

```
Earned = Principal * Rate
Interest 2
Earned = 2,500,000*.07875
```

STATEMENT OF TRANSACTIONS
Section I
Appropriation Receipts and

Fund or Receipt Account
(1)
(98) 20X\#\#45

20X\#\#45. 2
Revolving Fund
Repayments
(2)
$2,500,000.00$ 98,437.50
Section II

1. Add Payment Transactions Accomplished:

$$
\text { This Month } \quad-2,598,437.50
$$

Assume this bond is sold on April 24, 2006, at a price of 102.0625.


Record the principal as a receipt with a subclass 98 . Record the premium and earned interest as a receipt using the receipt (point) account for earnings.

Days from last
Premium $=\frac{(\text { Price }-100) * \text { Principal }}{100} \quad \begin{aligned} & \text { Earned } \\ & \text { Interest }\end{aligned} \frac{\text { Principal } * \text { Rate } * \text { interest payment }}{\# \text { of days in interest period } * 2}$
Premium $=\frac{(102.0625-100) * 2,500,000}{100}$

Earned $=\frac{2,500,000 * .07875 * 68}{\text { Interest }} 181 * 2$

STATEMENT OF TRANSACTIONS

Section I
Appropriation
Receipts and
Fund or Receipt
Account
(1)
(98) 20X\#\#45

20X\#\#45. 2 Revolving Fund

Repayments
(2)
$2,500,000.00$
88,544.54
Section II

1. Add Payment Transactions Accomplished:

This Month

$$
-2,588,544.54
$$

Assume this bond is sold on April 24, 2006, at a price of 98.500.


Record the principal as a receipt with a subclass 98. Record the discount as a negative receipt and earned interest as a positive receipt using the receipt (point) account for earnings.

Days from last
Discount $=$ Principal $-\frac{(\text { Principal * Price) }}{100}$

Discount $=2,500,000-\frac{(98.5 \star 2,500,000)}{100} \quad \begin{aligned} & \text { Earned } \\ & \text { Interest }\end{aligned}=\frac{2,500,000 * .07875 * 68}{181 * 2}$

STATEMENT OF TRANSACTIONS

Section I

Appropriation Fund or Receipt

Account
(1)
(98) 20X\#\#45

20X\#\#45. 2

Receipts and Revolving Fund Repayments
(2)
$2,500,000.00$
517.96 CR

Section II

1. Add Payment Transactions Accomplished:

This Month

Earned Interest. Assume the bond is purchased with a par value of $\$ 2,500,000$ at a price of 101.25 on October 11, 2004.

```
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```



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```

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Request Details
Account Number: 20X\#\#45 REVOLVING FUND
Transaction Date: 10/11/2004
As Of Date: 10/11/2004
Inventory Method: N/A
Amount Type: Face
Security: 9128210EH7 MK BOND 7.875\% 02/15/2021
Amount Entered: Not Available

## Price Information

Memo Number: 00307441
Transaction Code: BUY
Price: 101.250000
Principal: \$2,500,000.00
Discount: \$0.00
Premium: \$31,250.00
Earned Interest: \$30,494.23
Inflation Compensation: N/A
Sales Price: $\$ 2,561,744.23$
Index Ratio: N/A

Record the principal as a disbursement with a subclass 88. Record the premium and earned interest as a negative receipt using the receipt (point) account for earnings.

Days from last
Earned $=\frac{\text { Principal * Rate * interest Period }}{\text { * }}$
Interest \# of days in interest period * 2

Earned $=\frac{2,500,000 \star .07875 * 57}{184 * 2}$
Interest

STATEMENT OF TRANSACTIONS
Section I
Appropriation
Fund or Receipt
Account
(1)
(88) 20X\#\#45

20X\#\#45. 2

Receipts and Revolving Fund

Repayments
(2)

61,744.23 CR
II

1. Add Payment Transactions Accomplished:

This Month 2,561,744.23

When the semiannual interest is paid on February 15,2005 , the amount is recorded as a receipt.

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| Request Details |  |  |  |  |
| Account Number: 20X\#\#45 REVOLVING FUND |  |  |  |  |
| Transaction Date: 02/15/2005 |  |  |  |  |
| As Of Date: 02/15/2005 |  |  |  |  |
| Inventory Method: N/A |  |  |  |  |
| Amount Type: N/A |  |  |  |  |
| Security: 9128210EH7 MK BOND 7.875\% 02/15/2021 |  |  |  |  |
| Amount Entered: Not Available |  |  |  |  |
| Price Information |  |  |  |  |
| Memo Number: 00317215 |  |  |  |  |
| Transaction Code: INT. PAY. |  |  |  |  |
| Price: 0.000000 |  |  |  |  |
| Principal: $\$ 0.00$ |  |  |  |  |
| Discount: \$0.00 |  |  |  |  |
| Premium: \$0.00 |  |  |  |  |
| Earned Interest: \$98,437.50 |  |  |  |  |
| Inflation Compensation: N/A |  |  |  |  |
| Sales Price: \$98,437.50 |  |  |  |  |
| Index Ratio: N/A |  |  |  |  |

Record the interest as a receipt using the receipt (point) account for earnings.

| STATEMENT OF TRANSACTIONS |  |  |
| :---: | :---: | :---: |
|  | Section I |  |
| Appropriation Fund or Receipt Account <br> (1) | Receipts and Revolving Fund Repayments (2) | Net Disbursements (3) |
| 20X\#\#45. 2 | $\begin{aligned} & \text { 98,437.50 } \\ & \text { Section II } \end{aligned}$ |  |
| 1. Add Payment Transactions Accomplished: |  |  |
| This Month |  | -98,437.50 |

## Special Issue Securities

Investment. Assume a special issue certificate of indebtedness is purchased on August 19, 2004.


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Account Summary }->\mathrm{ View Transactions }->\mathrm{ Confirmation
Account Summary }->\mathrm{ View Transactions }->\mathrm{ Confirmation
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## Request Details

Account Number: 20X\#\#45 REVOLVING FUND
Transaction Date: 08/19/2004 As Of Date: 08/19/2004
Inventory Method: N/A
Amount Type: Face
Security: SSA C/I 08/19/2004 SSA C/l 4.625\% 06/30/2005
Amount Entered: Not Available
Price Information
Memo Number: 00315644
Transaction Code: BUY
Price: 100.000000
Principal: $\$ 8,000,000.00$
Discount: \$0.00
Premium: $\$ 0.00$
Earned Interest: $\$ 0.00$
Inflation Compensation: N/A
Sales Price: \$8,000,000.00 Index Ratio: N/A

Record the principal as a disbursement with a subclass 88.

| Sppropriation <br> Fund or Receipt <br> Account <br> (1) | STATEMENT OF TRANSACTIONS <br> Section I <br> Receipts and <br> Revolving Fund <br> Repayments <br> $(2)$ | Net Disbursements |
| :---: | :---: | :---: |
| (88) 20X\#\#45 | $8,000,000.00$ |  |
| 1. Add Payment Transactions Accomplished: | $8,000,000.00$ |  |

Redemption. When special issue securities mature or are redeemed early, the investor receives the principal plus earned interest.

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Account Summary }->\mathrm{ View Transactions }->\mathrm{ Confirmation
Click here for printable version
    Request Details
    Account Number: 20X##45 REVOLVING FUND
    Transaction Date: 11/30/2004
        As Of Date: 11/30/2004
    Inventory Method: Par Value Special Issue
    Amount Type: Need
    Security: SSA C/I 08/19/2004 SSA C/I 4.625% 06/30/2005
    Amount Entered: Not Available
Price Information
    Memo Number: 00322444
    Transaction Code: SELL
            Price: 100.000000
            Principal: $8,000,000.00
            Discount: $0.00
            Premium: $0.00
        Earned Interest: $103,559.78
Inflation Compensation: N/A
            Sales Price: $8,103,559.78
            Index Ratio: N/A
```

Price Information
Memo Number: 00322444
Transaction Code: SELL
Principal: $\$ 8,000,000.00$
Discount: $\$ 0.00$
Premium: $\$ 0.00$
Earned Interest: \$103,559.78
Inflation Compensation: N/A
Index Ratio: N/A
Sales Price: \$8,103,559.78

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## Request Details

Account Number: 20X\#\#45 REVOLVING FUND
Transaction Date: 11/30/2004
As Of Date: 11/30/2004

## Amount Type: Need

Security: SSA C/I 08/19/2004 SSA C/I 4.625\% 06/30/2005
mount Entered: Not Available

Record the principal as a receipt with a subclass 98. Record the earned interest as a receipt using the receipt (point) account for earnings.

```
    Days
Earned = Principal * Rate * Outstanding
Interest Days in interest period * 2
Earned = 8,000,000* .04625* 103
```

Section I
Appropriation
Fund or Receipt Account
(1)
(98) 20X\#\#45

20X\#\#45. 2

1. Add Payment Transactions Accomplished:

This Month

Receipts and
Revolving Fund Repayments
(2)

8,000,000.00
103,559.78
Section II

$$
-8,103,559.78
$$

Semiannual Interest. Assume this security is held to maturity. Semiannual interest is paid on December 31 and on June 30 on the number of days the security is outstanding. Therefore, the amount of interest paid on December 31 and June 30 is $134,728.26$ and $185,000.00$, respectively.


Record the interest as a receipt using the receipt (point) account for earnings.

```
Days
Earned = Principal * Rate * Outstanding
Earned = 8,000,000*.04625* * 134
```

| STATEMENT OF TRANSACTIONS | Net Disbursements <br> (3) |
| :---: | :---: |
| 1. Add Payment Transactions Accomplished: <br> This Month | $-134,728.26$ |

## 1-Day Certificates

Investment. Assume a 1-day certificate is purchased on August 19, 2004.

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| Account Summary $\rightarrow$ View Transactions $\rightarrow$ Confirmation |  |  |  |  |  |
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| Request Details |  |  |  |  |  |
| Account Number: 20X\#\#45 REVOLVING FUND |  |  |  |  |  |
| Transaction Date: 08/19/2004 |  |  |  |  |  |
| As Of Date: 08/19/2004 |  |  |  |  |  |
| Inventory Method: N/A |  |  |  |  |  |
| Amount Type: Face |  |  |  |  |  |
| Security: ONE DAY 08/19/2004 ONE DAY 1.27\% 08/20/2004 Amount Entered: Not Available |  |  |  |  |  |
| Price Information |  |  |  |  |  |
| Memo Number: 00315101 |  |  |  |  |  |
| Transaction Code: BUY |  |  |  |  |  |
| Price: 100.000000 |  |  |  |  |  |
| Principal: \$5,600,000.00 |  |  |  |  |  |
| Discount: \$0.00 |  |  |  |  |  |
| Premium: \$0.00 |  |  |  |  |  |
|  |  |  |  |  |  |
| Inflation Compensation: N/A |  |  |  |  |  |
| Sales Price: \$5,600,000.00 |  |  |  |  |  |
| Index Ratio: N/A |  |  |  |  |  |

Record the principal as a disbursement with a subclass 88 .


Maturity. When 1-day securities mature, the investor receives the principal plus earned interest.

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Account Summary $\rightarrow$ View Transactions $\rightarrow$ Confirmation
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## Request Details

Account Number: 20X\#\#45 REVOLVING FUND
Transaction Date: 08/20/2004 As Of Date: 08/20/2004
Inventory Method: N/A
Amount Type: N/A
Security: ONE DAY 08/19/2004 ONE DAY 1.27\% 08/20/2004
Amount Entered: Not Available

## Price Information

Memo Number: 00315403
Transaction Code: MATU
Price: 100.000000
Principal: \$5,600,000.00
Discount: $\$ 0.00$
Premium: $\$ 0.00$
Earned Interest: \$197.56
Inflation Compensation: N/A
Sales Price: $\$ 5,600,197.56$
Index Ratio: N/A
Record the principal as a receipt with a subclass 98 . Record earned interest as a receipt using the receipt (point) account for earnings.

$$
\begin{aligned}
& \text { Earned }=\frac{\text { Principal * Rate }}{360} \\
& \text { Interest } \\
& \begin{array}{l}
\text { Earned } \\
\text { Interest }
\end{array}=\frac{5,600,000 * .0127}{360}
\end{aligned}
$$

STATEMENT OF TRANSACTIONS
Section I
Appropriation
Fund or Receipt Account
(1)
(98) 20X\#\#45

20X\#\#45. 2
Receipts and
Revolving Fund
Repayments
(2)
$5,600,000.00$
Section II

1. Add Payment Transactions Accomplished:

This Month

$$
-5,600,197.56
$$

## Inflation Protected Security

Investment. Assume a Treasury Inflation Protected Security (TIPS) note is purchased with a par value of $\$ 100,000,000$ at a price of 98.125000 on July 16, 2003.


Record the net principal and inflation compensation as a disbursement with a subclass 88 . Record the discount as a receipt with a subclass 75 and earned interest as a negative receipt using the receipt (point) account for earnings.

## Account Number: 20X\#\#45 REVOLVING FUND

Transaction Date: 07/16/2003
As Of Date: 07/16/2003
Inventory Method: N/A
Amount Type: Face
Security: 9128210FD5 MK TIPS 3.625\% 04/15/28
Amount Entered: Not Available

## Price Information

Memo Number: 00198597
Transaction Code: BUY Price: 98.125000
Principal: $\$ 100,000,000.00$
Discount: \$2,129,043.75 Premium: $\$ 0.00$
Earned Interest: \$1,034,660.97 Inflation Compensation: $\$ 13,549,000.00$ Sales Price: \$112,454,617.22 Index Ratio: 1.135490

```
Inflation = (Principal*Index ratio)-Principal
Compensation
Inflation = (100,000,000 * 1.135490)-100,000,000
Compensation
```

Earned $=\frac{\text { Principal * Rate * Outstanding * Index Ratio }}{\text { Days in interest period *2 }}$
Interest

| Earned $=\frac{1,000,000 * .03625 * 92 * 1.135490}{183 * 2}$ |
| :--- |,$l$

STATEMENT OF TRANSACTIONS

Section I
Appropriation $\quad$ Receipts and Revolving Fund
Fund or Receipt

Account
(1)

Repayments
(2)
(88) 20X\#\#45
(75) 20X\#\#45

20X\#\#45. 2
2,129,043.75
1,034,660.97 CR Section II

1. Add Payment Transactions Accomplished:

This Month
$112,454,617.22$

Assume this note is held to maturity and the index ratio is 1.554840 .

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| :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ Account Summary | - Buy Securities | - Sell Securities | - Pending Requests | - Vew Securities | - Update Profle |
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| Account Summary $\rightarrow$ View Transactions $\rightarrow$ Confirmation |  |  |  |  |  |

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## Request Details

Account Number: 20X\#\#45 REVOLVING FUND
Transaction Date: 04/15/2028
As Of Date: 04/15/2028
Inventory Method: N/A
Amount Type: N/A
Security: 9128210FD5 MK TIPS 3.625\% 04/15/28
Amount Entered: Not Available

## Price Information

Memo Number: 00387572
Transaction Code: MATU
Price: 100.000000
Principal: \$100,000,000.00
Discount: $\$ 0.00$
Premium: $\$ 0.00$
Earned Interest: \$2,818,328.75
Inflation Compensation: $\$ 55,494,000.00$
Sales Price: $\$ 158,312,328.75$
Index Ratio: 1.554840

```
Inflation = (Index Ratio * Principal)- Principal
Compensation
Inflation = (1.554840* * 100,000,000)- 100,000,000
Compensation
```

Record the net principal and inflation compensation as a receipt with a subclass 98 . In addition, reclassify the original discount at investment as earnings by recording a negative receipt using subclass 75 and a positive receipt using the receipt (point) account for earnings. Record earned interest as a positive receipt using the receipt (point) account for earnings.

```
Earned = Principal * Rate * Index Ratio
Earned = 1,000,000*.03625*1.554840
```

STATEMENT OF TRANSACTIONS
Section I

Appropriation Fund or Receipt Account
(1)
(98) 20X\#\#45
(75) 20X\#\#45

20X\#\#45. 2

Receipts and Revolving Fund Repayments
(2)

155,494,000.00
2,129,043.75 CR 4,947,372.50
Section II

1. Add Payment Transactions Accomplished:

This Month
$-158,312,328.75$
(3)

Assume this note is redeemed on August 4, 2005, at a price of 101.750 and the index ratio is 1.198520 .

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| :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ Account Summary | [) Buy securitios | \| soll socuritas | Pending Requests | \| P Vaw socuritios | \| $)$ updat Prorile |
| Fedinvest Home \| Today's Prices | Overight Rates | Prior Days Prices | News |  |  |  |  |  |
| Account Summary $\rightarrow$ View Transactions $\rightarrow$ Confirmation |  |  |  |  |  |
| Click here for printable version |  |  |  |  |  |
| Request Details |  |  |  |  |  |
| ```Account Number: 20X##45 REVOLVING FUND Transaction Date: 08/04/2005 As Of Date: 08/04/2005 Inventory Method: FIFO Amount Type: Face Security: 9128210FD5 MK TIPS 3.625% 04/15/28 Amount Entered: Not Available``` |  |  |  |  |  |
| Price Information |  |  |  |  |  |
| Inflation | Memo Numb saction Co Pri <br> Princip <br> Discou <br> Premiu <br> arned Intere <br> Compensati <br> Sales Pri <br> Index Ra | OO201581 SELL 101.75000 $\$ 100,000,0$ $\$ 0.00$ $\$ 2,097,410$ $\$ 1,341,376$ $\$ 19,852,00$ $\$ 123,290,7$ 1.198520 |  |  |  |

Record the net principal and inflation compensation as a receipt with a subclass 98 . Record the premium and earned interest as a receipt using the receipt (point) account for earnings. In addition, reclassify the original discount at investment as earnings by recording a negative receipt to subclass 75 and a positive receipt using the receipt (point) account for earnings.

```
Premium = (Price - 100) * Principal * Index Ratio
Premium = (101.750-100)* * 100,000,000 * 1.198520
```


## STATEMENT OF TRANSACTIONS

Section I

Appropriation
Fund or Receipt
Account
(1)
(98) 20X\#\# 45
(75) 20X\#\#45

20X\#\#45. 2

Receipts and Revolving Fund Repayments
(2)

119,852,000.00
2,129,043.75 CR
5,567,830.13
Section II

1. Add Payment Transactions Accomplished:

This Month

Net Disbursements
$-123,290,786.38$

Daily Inflation Compensation. It is critical that Treasury accurately reflects the outstanding public debt at all times. Therefore, on a daily basis, Treasury must record the inflated value of all TIPS securities. This is done by adjusting the carrying value of the investment on a daily basis by the current day index ratio in relation to the prior day index ratio. Note: The inflation compensation can be negative as well as positive, therefore decreasing the carrying value of the security. Again, this is accomplished with two transactions. Treasury pays the investing fund the inflation compensation earned and immediately reinvests the inflation to inflate the principal.

| Security Description | Daily Inflation Compensation |
| :---: | ---: |
| MK TIPS 4.25\% 01/15/10 | $\$ 154,200.00$ |
| MK TIPS 3.50\% 01/15/11 | $\$ 169,200.00$ |
| MK TIPS 3.875\% 01/15/09 | $\$ 183,950.00$ |
| MK TIPS 3.625\% 01/15/08 | $\$ 128,400.00$ |
| Total: | $\$ 635,750.00$ |

Record the daily inflation compensation interest payment as a receipt using the receipt (point) account for earnings. In addition, record the reinvestment as a disbursement with a subclass 88 .

## STATEMENT OF TRANSACTIONS

Section I


This Month 0.00

Semiannual Interest. When the semiannual interest is paid, the amount is based on the original principal plus the inflation compensation earned to date. Assume the index ratio on the payment date is 1.142315 .


Record the interest as a receipt using the receipt (point) account for earnings.

```
Earned = Principal * Rate * Index Ratio
#arned = 100,000,000 * .03625* 1.142315
```



## NOTES

