# \$1,481,382,622 <br> Government National Mortgage Association GINNIE MAE ${ }^{\circledR}$ <br> <br> Guaranteed REMIC Pass-Through Securities <br> <br> Guaranteed REMIC Pass-Through Securities and MX Securities and MX Securities <br> Ginnie Mae REMIC Trust 2004-034 


#### Abstract

The securities may not be suitable investments for you. You should consider carefully the risks of investing in them.


See "Risk Factors" beginning on page $\mathrm{S}-14$ which highlights some of these risks.

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

The Trust and its Assets
The Trust will own (1) Ginnie Mae Certificates and (2) certain previously issued certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be May 28, 2004.

You should read the Base Offering Circular as well as this Supplement.
The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

## Ginnie Mae REMIC Trust 2004-034

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | Principal Type(3) | $\begin{aligned} & \text { Interest } \\ & \text { Type (3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | Class of REMIC Securities | Original <br> Principal <br> Balance (2) | Interest Rate | Principal Type(3) | Interest <br> Type (3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ | $\underset{\text { Number }}{\text { CUSIP }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  | Security Group 5 |  |  |  |  |  |  |
|  | \$ 50,000,000 | (5) | PT | FLT | May 2034 | $38374 G Z N 5$ | SB(1) (6) | \$ 4,215,222 | (5) | SC/TAC/AD | INV | February 2034 | 38374GE99 |
| FO | 50,000,000 | (5) | PT | FLT | May 2034 | 38374 GZP 0 | SC(1) ... | 8,430,444 | (5) | NTL (SC/TAC/AD) | INV/IO | February 2034 | 38374 GF 23 |
|  | 50,000,000 | (5) | NTL (PT) | INV/IO | May 2034 | $38374 G Z Q 8$ | SZ(1)(6) | 3,898,664 | (5) | SC/SUP | INV/Z | February 2034 | 38374 GF 31 |
| SO.. | 50,000,000 | (5) | NTL (PT) | INV/IO | May 2034 | $38374 G Z R 6$ | Security Group 6 |  |  |  |  |  |  |
| Security Group 2 |  |  |  |  |  |  | CG | 6,783,000 | 5.50\% | SC/SUP | FIX | December 2031 | 38374GF49 |
| FA. | 116,666,666 | (5) | STP | FLT | May 2034 | 38374 GZS 4 | IA(1) | 7,283,090 | 5.50 | NTL (SC/PAC) | FIX/IO | December 2031 | 38374 GF 56 |
|  | 10,792,400 | (5) | PAC | FLT | May 2034 | $38374 G Z T 2$ | OA(1) ... | 40,057,000 | 4.50 | SC/PAC | FIX | December 2031 | 38374 GF 64 |
|  | 25,852,000 | 5.50\% | TAC/AD | FIX | May 2034 | $38374 G Z U 9$ | OB..... | 16,632,000 | 5.50 | SC/PAC | FIX | December 2031 | 38374 GF 72 |
| SA(1).. | 116,666,666 | (5) | NTL (STP) | INV/IO | May 2034 | $38374 G Z V 7$ | OC.. | 30,143,000 | 5.50 | SC/PAC | FIX | December 2031 | 38374 GF 80 |
| ST(1) .... | 10,792,400 | (5) | NTL (PAC) | INV/IO | May 2034 | $38374 G Z W 5$ | OD. | 11,181,000 | 5.50 | SC/PAC | FIX | December 2031 | 38374GF98 |
| SU(1) .. | 10,792,400 | (5) | NTL (PAC) | INV/IO | May 2034 | $38374 \mathrm{GZX3}$ | Security G |  |  |  |  |  |  |
| TA. | 16,188,600 | 4.50 | PAC | FIX | May 2034 | $38374 \mathrm{GZY1}$ | DA. | 108,167,771 | 5.00 | SEQ | FIX | April 2017 | 38374 GG 22 |
| ZB.. | 5,000,000 | 5.50 | TAC/AD | FIX/Z | May 2034 | $38374 G Z Z 8$ | DB.. | 180,000,000 | 5.00 | SEQ | FIX | June 2028 | 38374GG30 |
| ZC. | 500,334 | 5.50 | SUP | FIX/Z | May 2034 | 38374 GA 28 | DM(1) $\ldots$ | 30,000,000 | 5.00 | SEQ | FIX | October 2029 | 38374 GG 48 |
| Security Group 3 |  |  |  |  |  |  | DN(1) ... | 35,030,906 | 5.00 | SEQ | FIX | March 2031 | 38374 GG 55 |
| KA....... | 11,944,237 | 5.50 | PAC II | FIX | May 2034 | 38374 GA 36 | $\mathrm{VI}(1)$. | 29,187,929 | 5.00 | NTL(SEQ/AD) | FIX/IO | June 2023 | $38374 \mathrm{GG63}$ |
| PF. | 25,000,000 | (5) | PAC I | FLT | April 2034 | 38374 GA 44 | $\mathrm{VJ}(1)$. | 24,914,498 | 5.00 | AD/SEQ | FIX | May 2015 | 38374 GG 71 |
|  | 1,103,721 | 0.00 | SUP | PO | May 2034 | $38374 \mathrm{GA51}$ | VO(1) ... | 29,187,929 | 0.00 | SEQ/AD | PO | June 2023 | 38374 GG 89 |
| PS. | 25,000,000 | (5) | NTL (PAC I) | INV/IO | April 2034 | 38374 GA 69 | ZK(1) | 34,200,000 | 5.00 | SEQ | FIX/Z | May 2034 | 38374 GG 97 |
| QK..... | 100,000,000 | 5.00 | PAC I | FIX | April 2034 | 38374 GA 77 | Security Group 8 |  |  |  |  |  |  |
| QL ..... | 2,035,372 | 5.50 | PAC I | FIX | May 2034 | 38374 GA 85 | SL(1) .... | 6,932,208 | (5) | SC/TAC | INV | February 2034 | 38374 GH 21 |
| WM.. | 30,523,000 | 5.50 | SUP | FIX | June 2033 | 38374 GA 93 | SM(1) | 7,098,580 | (5) | SC/SUP | INV | February 2034 | 38374 GH 39 |
| WN.. | 3,750,000 | 5.00 | SCH | FIX | April 2034 | 38374 GB 27 | Security Group 9 |  |  |  |  |  |  |
|  | 3,716,000 | 6.00 | SUP | FIX | September 2033 | 38374 GB 35 | AF(1) ... | 8,105,741 | (5) | SC/TAC/AD | FLT | April 2034 | 38374 GH 47 |
|  | 6,478,924 | 6.00 | SUP | FIX | May 2034 | 38374 GB 43 | AO(1) . | 1,221,020 | 0.00 | SC/STP | PO | April 2034 | 38374 GH 54 |
| WU. | 2,217,000 | 5.50 | SCH | FIX | April 2034 | $38374 \mathrm{GB5} 0$ | AS(1) $\ldots$ | 3,377,392 | (5) | SC/TAC/AD | INV | April 2034 | 38374 GH 62 |
| WV. | 1,369,000 | 5.50 | SCH | FIX | May 2034 | 38374 G B68 | AZ(1) ... | 1,948,086 | 6.00 | SC/SUP | FIX/Z | April 2034 | 38374 GH 70 |
| WX .. | 1,946,000 | 6.00 | SUP | FIX | November 2033 | $38374 \mathrm{G} \mathrm{B76}$ | Security Group 10 |  |  |  |  |  |  |
| WY . | 1,250,000 | 7.00 | SCH | FIX | April 2034 | 38374 G B 84 | DO(1)... | 9,211,741 | 0.00 | SC/PT | PO | February 2034 | 38374GH88 |
| XC | 2,400,000 | 5.50 | TAC | FIX | June 2033 | 38374 G B9 2 | DS(1) ... | 33,701,492 | (5) | NTL (SC/PT) | INV/IO | February 2034 | 38374 GH 96 |
|  | 1,600,000 | 5.50 | SUP | FIX | June 2033 | 38374 GC 26 | Security Group 11 |  |  |  |  |  |  |
| Security Group 4 |  |  |  |  |  |  | BA(1) ... | 97,624,000 | 5.00 | SC/SEQ | FIX | July 2031 | 38374 GJ 29 |
| $\mathrm{CM}(1) \ldots$ | 10,798,740 | 6.75 | SUP | FIX | May 2034 | 38374 GC 34 | BC(1) $\ldots$ | 9,798,000 | 5.00 | SC/SEQ | FIX | July 2031 | 38374 GJ 37 |
| CO(1) $\ldots$ | $2,454,260$ 18,921560 | 0.00 5.50 | SUP NTL (PAC) | $\stackrel{\text { PO }}{\text { PIX/IO }}$ | May 2034 | 38374 GC 42 | BD (1) ... | 12,205,967 | 5.00 | SC/SEQ | FIX | July 2031 | 38374GJ45 |
| IB . | $18,921,560$ $23,763,610$ | 5.50 5.50 | NTL (PAC) PAC | FIX/IO FIX | October 2029 October 2029 | $38374 \mathrm{GC59}$ 38374G67 | Security Group 12 |  |  |  |  |  |  |
|  | 14,583,000 | 5.50 | PAC | FIX | November 2030 | 38374 GC 75 | FM(1) ... | 23,245,626 | (5) | SC/PT | FLT | April 2034 | 38374 GJ 52 |
| PE...... | 38,099,000 | 5.50 | PAC | FIX | April 2033 | 38374 GC 83 | MT(1) ... | 1,549,708 | (5) | SC/PT | FLT/INV | April 2034 | 38374 GJ 60 |
| PL. | 27,212,390 | 4.00 | PAC | FIX | February 2027 | $38374 \mathrm{GC91}$ | Security Group 13 |  |  |  |  |  |  |
| PN....... | 15,500,000 | 3.50 | PAC | FIX | February 2027 | 38374 GD 25 | FN(1) ... | 7,336,915 | (5) | SC/PT |  | February 2034 | 38374 GJ 78 |
| PU. | 1,000,000 | 4.50 | PAC | FIX | October 2029 | 38374 GD 33 | NT(1) ... | 978,255 | (5) | SC/PT | FLT/INV | February 2034 | 38374 GJ 86 |
| PV.. | 25,000,000 | 4.25 | PAC | FIX | October 2029 | 38374 GD 41 | Security Group 14 |  |  |  |  |  |  |
| QI(1) ... | 19,589,000 | 5.50 | NTL (PAC) | FIX/IO | May 2034 | 38374 GD 58 | JO(1).... | 19,968,432 | 0.00 | SC/PT | PO | February 2034 | 38374GJ 94 |
| QO(1) .. | 19,589,000 | 0.00 | PAC | PO | May 2034 | 38374 GD 66 | JS(1) .... | 124,802,700 | (5) | NTL(SC/PT) | INV/IO | February 2034 | 38374 GK 27 |
| WA. | 26,964,000 | 5.50 | SUP | FIX | February 2033 | 38374 GD 74 | Security Group 15 |  |  |  |  |  |  |
| WB. | 2,527,000 | 5.50 | SUP | FIX | April 2033 | 38374 GD 82 | NO(1) ... | 5,280,509 | 0.00 | SC/PT | PO | April 2034 | 38374 GK 35 |
| WC ...... | 2,601,000 | 5.50 | SUP | FIX | May 2033 | 38374 GD 90 | NS(1) ... | 22,992,216 | (5) | NTL (SC/PT) | INV/IO | April 2034 | 38374 G K 43 |
| WD. | 4,573,000 | 5.50 | SUP | FIX | September 2033 | 38374 GE 24 | Security Group 16 |  |  |  |  |  |  |
| WE.. | 5,635,000 | 5.50 | SCH | FIX | July 2033 | 38374 GE 32 | IS(1) ... | 86,084,096 | (5) | NTL (SC/PT) | INV/IO | February 2034 | 38374 GK 50 |
| WG...... | 1,700,000 | 5.50 | SCH | FIX | September 2033 | 38374GE 40 | YO(1) ... | 9,756,198 | 0.00 | SC/PT | PO | February 2034 | 38374GK68 |
| WH...... | 4,900,000 | 5.50 | TAC | FIX | February 2033 | 38374 GE 57 | Residual |  |  |  |  |  |  |
| WJ....... | 2,100,000 | 5.50 | SUP | FIX | February 2033 | 38374 GE 65 | RR....... | 0 | 0.00 | NPR | NPR | May 2034 | 38374 G R 61 |
| WK. | 1,000,000 | 5.00 | SUP | FIX | February 2033 | 38374 GE 73 |  |  |  |  |  |  |  |
| WL ...... | 1,000,000 | 6.00 | SUP | FIX | February 2033 | 38374GE81 |  |  |  |  |  |  |  |

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## AVAILABLE INFORMATION

You should purchase the securities only if you have read and understood the following documents:

- this Offering Circular Supplement (this "Supplement"),
- the Base Offering Circular and
- in the case of the Group $5,6,8,9,10,11,12,13,14,15$ and 16 securities, each disclosure document relating to the Underlying Certificates (the "Underlying Certificate Disclosure Documents").

The Base Offering Circular and the Underlying Certificate Disclosure Documents are available on Ginnie Mae's website located at http://www.ginniemae.gov.

If you do not have access to the internet, call JPMorgan Chase Bank, which will act as information agent for the Trust, at (800) 234-GNMA, to order copies of the Base Offering Circular. In addition, you can obtain copies of any other document listed above by contacting JPMorgan Chase Bank at the telephone number listed above.

Please consult the standard abbreviations of Class Types included in the Base Offering Circular as Appendix I and the Glossary included in the Base Offering Circular as Appendix II for definitions of capitalized terms.

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## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

Sponsor: UBS Securities LLC
Trustee: Wells Fargo Bank, N.A.
Tax Administrator: The Trustee
Closing Date: May 28, 2004
Distribution Dates: For the Group 1, 3 and 7 Securities, the 16th day of each month or, if the 16 th day is not a Business Day, the first Business Day thereafter, commencing in June 2004. For the Group $2,4,5,6,8,9,10,11,12,13,14,15$ and 16 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in June 2004.

## Trust Assets:

| $\begin{gathered} \text { Trust } \\ \text { Asset Group } \\ \hline \end{gathered}$ | Trust Asset Type | Certificate Rate | Original Term To Maturity (in years) |
| :---: | :---: | :---: | :---: |
| 1 | Ginnie Mae I | 7.0\% | 30 |
| 2 | Ginnie Mae II | 6.5\% | 30 |
| 3 | Ginnie Mae I | 5.5\% | 30 |
| 4 | Ginnie Mae II | 5.5\% | 30 |
| 5 | Underlying Certificate | (1) | (1) |
| 6 | Underlying Certificate | (1) | ${ }^{(1)}$ |
| 7 | Ginnie Mae I | 5.0\% | 30 |
| 8 | Underlying Certificate | (1) | (1) |
| 9 | Underlying Certificate | (1) | (1) |
| 10 | Underlying Certificate | ${ }^{(1)}$ | (1) |
| 11 | Underlying Certificate | (1) | (1) |
| 12 | Underlying Certificate | (1) | (1) |
| 13 | Underlying Certificate | (1) | (1) |
| 14 | Underlying Certificate | (1) | (1) |
| 15 | Underlying Certificate | (1) | (1) |
| 16 | Underlying Certificate | (1) | (1) |

${ }^{(1)}$ Certain information regarding the Underlying Certificates is set forth in
Exhibits A and B to this Supplement.
Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 3, 4 and 7 Trust Assets ${ }^{1}$ :
$\left.\begin{array}{lccc}\begin{array}{c}\text { Principal } \\ \text { Balance }\end{array} & \begin{array}{c}\text { Weighted Average } \\ \text { Remaining Term to } \\ \text { Maturity (in months) }\end{array} & \begin{array}{c}\text { Weighted Average } \\ \text { Loan Age } \\ \text { (in months) }\end{array} & \end{array} \begin{array}{c}\text { Weighted } \\ \text { Average } \\ \text { Mortgage Rate }{ }^{3}\end{array}\right\}$
${ }^{1}$ As of May 1, 2004.
${ }^{2}$ Does not include the Group 7 Trust Assets that will be added to pay the Trustee Fee.
${ }^{3}$ The Mortgage Loans underlying the Group 2 and 4 Trust Assets may bear interest at rates ranging from $0.25 \%$ to $1.50 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and, in the case of the Group 2 and 4 Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 2, 3, 4 and 7 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the Underlying Trusts.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.
Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate Class. See "Description of the Securities - Form of Securities" in this Supplement.
Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate Formula(1) | Initial <br> Interest Rate(2) | $\begin{aligned} & \text { Minimum } \\ & \quad \text { Rate } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR <br> for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AF | LIBOR + 0.45\% | 1.5500\% | 0.45\% | 8.5000000\% | 0 | 0.00\% |
| AS | 19.32\% - (LIBOR $\times 2.40$ ) | 16.6800\% | 0.00\% | 19.3200000\% | 0 | 8.05\% |
| BS | $33.00 \%$ - (LIBOR $\times 6.00$ ) | 26.4000\% | 0.00\% | 33.0000000\% | 0 | 5.50\% |
| CS | 20.1219518\% - (LIBOR $\times 3.6585367$ ) | 16.0975\% | 0.00\% | 20.1219518\% | 0 | 5.50\% |
| DS | 5.50\% - LIBOR | 4.4000\% | 0.00\% | 5.5000000\% | 0 | 5.50\% |
| F | LIBOR + 0.40\% | 1.5000\% | 0.40\% | 7.0000000\% | 0 | 0.00\% |
| FA | LIBOR + 0.40\% | 1.5000\% | 0.40\% | 7.0000000\% | 0 | 0.00\% |
| FB | LIBOR + 0.45\% | 1.5500\% | 0.45\% | 7.5000000\% | 0 | 0.00\% |
| FL | LIBOR + 1.45\% | 2.5500\% | 1.45\% | 7.5000000\% | 0 | 0.00\% |
| FM | LIBOR + 1.05\% | 2.1500\% | 1.05\% | 8.0000000\% | 0 | 0.00\% |
| FN. | LIBOR + 0.40\% | 1.5000\% | 0.40\% | 8.5000000\% | 0 | 0.00\% |
| FO | LIBOR + 0.45\% | 1.5500\% | 0.45\% | 7.0000000\% | 0 | 0.00\% |
| FP | LIBOR + 0.35\% | 1.4500\% | 0.35\% | 7.0000000\% | 0 | 0.00\% |
| GS | 27.50\% - (LIBOR $\times 5.00$ ) | 22.0000\% | 0.00\% | 27.5000000\% | 0 | 5.50\% |
| HS | $44.99999929 \%-($ LIBOR $\times 6.24999988)$ | 7.5000\% | 0.00\% | $7.5000000 \%$ | 0 | 7.20\% |
| IS | 7.20\% - LIBOR | 0.8500\% | 0.00\% | 0.8500000\% | 0 | 7.20\% |
| JS | 7.20\% - LIBOR | 1.2000\% | 0.00\% | 1.2000000\% | 0 | 7.20\% |
| KS | $21.7708333 \%-($ LIBOR $\times 4.3541667)$ | 16.9812\% | 0.00\% | 21.7708333\% | 0 | 5.00\% |
| LS | $48.00 \%$ - (LIBOR $\times 6.666667$ ) | 8.0000\% | 0.00\% | 8.0000000\% | 0 | 7.20\% |
| MS | $30.00 \%$ - (LIBOR $\times 6.00$ ) | 23.4000\% | 0.00\% | 30.0000000\% | 0 | 5.00\% |
| MT |  | 8.5500\% | 0.00\% | 13.5000000\% | 0 | 6.95\% |
| NS | 5.00\% - LIBOR | 3.9000\% | 0.00\% | 5.0000000\% | 0 | 5.00\% |
| NT | ** | 1.9250\% | 0.00\% | 7.8750000\% | 0 | 8.10\% |
| OS | $51.00 \%$ - (LIBOR $\times 7.083333$ ) | 8.5000\% | 0.00\% | 8.5000000\% | 0 | 7.20\% |
| PF | LIBOR + 0.35\% | 1.4500\% | 0.35\% | 7.5000000\% | 0 | 0.00\% |
| PS | 7.15\% - LIBOR | 6.0500\% | 0.00\% | 7.1500000\% | 0 | 7.15\% |
| S | 6.60\% - LIBOR | 5.5000\% | 0.00\% | 6.6000000\% | 0 | 6.60\% |
| SA | 6.60\% - LIBOR | 5.5000\% | 0.00\% | 6.6000000\% | 0 | 6.60\% |
| SB | 78.00\% - (LIBOR $\times 13.00$ ) | 6.5000\% | 0.00\% | 6.5000000\% | 0 | 6.00\% |
| SC | 6.00\% - LIBOR | 0.5000\% | 0.00\% | 0.5000000\% | 0 | 6.00\% |
| SL | $14.40 \%$ - (LIBOR $\times 2.00$ ) | 12.2000\% | 0.00\% | 14.4000000\% | 0 | 7.20\% |
| SM | $14.40 \%$ - (LIBOR $\times 2.00$ ) | 12.2000\% | 0.00\% | 14.4000000\% | 0 | 7.20\% |
| SN | $14.40 \%$ - (LIBOR $\times 2.00$ ) | 12.2000\% | 0.00\% | 14.4000000\% | 0 | 7.20\% |
| SO | 6.55\% - LIBOR | 5.4500\% | 0.00\% | 6.5500000\% | 0 | 6.55\% |
| SP | 6.65\% - LIBOR | 5.5500\% | 0.00\% | 6.6500000\% | 0 | 6.65\% |
| ST | 6.65\% - LIBOR | 0.0500\% | 0.00\% | 0.0500000\% | 0 | 6.65\% |
| SU | 6.60\% - LIBOR | 5.5000\% | 0.00\% | 6.6000000\% | 0 | 6.60\% |
| SV | 6.60\% - LIBOR | 5.5000\% | 0.00\% | 6.6000000\% | 0 | 6.60\% |
| SW | 89.99999242\% - (LIBOR $\times 14.99999874$ ) | 7.5000\% | 0.00\% | 7.5000000\% | 0 | 6.00\% |
| SY | 89.99999242\% - (LIBOR $\times 14.99999874$ ) | 7.5000\% | 0.00\% | 7.5000000\% | 0 | 6.00\% |
| SZ | 89.99999242\% - (LIBOR $\times 14.99999874$ ) | 7.5000\% | 0.00\% | 7.5000000\% | 0 | 6.00\% |
| TS | 35.00\% - (LIBOR $\times 7.00$ ) | 27.3000\% | 0.00\% | $35.0000000 \%$ | 0 | 5.00\% |
| US | $54.00 \%$ - (LIBOR $\times 7.50)$ | 9.0000\% | 0.00\% | 9.0000000\% | 0 | 7.20\% |
| VS | $57.00 \%$ - (LIBOR $\times 7.916667$ ) | 9.5000\% | 0.00\% | 9.5000000\% | 0 | 7.20\% |
| WS | 60.00\% - (LIBOR $\times 8.333333$ ) | 10.0000\% | 0.00\% | 10.0000000\% | 0 | 7.20\% |
| XS | 63.00\% - (LIBOR $\times 8.75$ ) | 10.5000\% | 0.00\% | 10.5000000\% | 0 | 7.20\% |
| YA | $67.764707 \%-($ LIBOR $\times 9.411765)$ | 8.0000\% | 0.00\% | 8.0000000\% | 0 | 7.20\% |
| YB. | 72.00\% - (LIBOR $\times 10.00$ ) | 8.5000\% | 0.00\% | 8.5000000\% | 0 | 7.20\% |
| YC. | $76.235292 \%-($ LIBOR $\times 10.588235)$ | 9.0000\% | 0.00\% | 9.0000000\% | 0 | 7.20\% |
| YD | $80.470591 \%$ - (LIBOR $\times 11.176471$ ) | 9.5000\% | 0.00\% | 9.5000000\% | 0 | 7.20\% |
| YE. | $84.705883 \%-($ LIBOR $\times 11.764706)$ | 10.0000\% | 0.00\% | 10.0000000\% | 0 | 7.20\% |
| YG | $88.941189 \%$ - (LIBOR $\times 12.352943$ ) | 10.5000\% | 0.00\% | 10.5000000\% | 0 | 7.20\% |
| YH | 84.00\% - (LIBOR $\times 14.00$ ) | 7.0000\% | 0.00\% | 7.0000000\% | 0 | 6.00\% |
| YS. | 63.5294116\% - (LIBOR $\times 8.8235294$ ) | 7.5000\% | 0.00\% | 7.5000000\% | 0 | 7.20\% |

* If LIBOR is less than or equal to $6.05 \%$, then LIBOR $+7.45 \%$. If LIBOR is greater than $6.05 \%$, then $104.25 \%-($ LIBOR $\times 15)$.
** If LIBOR is less than or equal to $7.05 \%$, then LIBOR $+0.825 \%$. If LIBOR is greater than $7.05 \%$, then $60.75 \%-($ LIBOR $\times 7.5)$.
(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities - Interest Distributions - Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount will be allocated, concurrently, to F and FO, pro rata, until retired

## SECURITY GROUP 2

The Group 2 Principal Distribution Amount and the ZB and ZC Accrual Amounts will be allocated as follows:

- The ZB Accrual Amount in the following order of priority:

1. To JA, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To $Z B$, until retired

- The ZC Accrual Amount in the following order of priority:

1. To JA and ZB, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. To JA, until reduced to its Scheduled Principal Balance for that Distribution Date
b. To ZB, until retired
c. To JA, without regard to its Scheduled Principal Balances, until retired
2. To ZC , until retired

- The Group 2 Principal Distribution Amount, concurrently, as follows:

1. $66.6666662857 \%$ to FA, until retired
2. $33.3333337143 \%$ in the following order of priority:
a. Concurrently, to FP and TA, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
b. To JA and ZB, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
i. To JA, until reduced to its Scheduled Principal Balance for that Distribution Date
ii. To ZB , until retired
iii. To JA, without regard to its Scheduled Principal Balances, until retired
c. To ZC, until retired
d. To JA and ZB, in the same manner and order of priority described in Step 2.b. above, but without regard to their Aggregate Scheduled Principal Balances, until retired
e. Concurrently, to FP and TA, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated in the following order of priority:

1. To the PAC I Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently, to PF and QK , pro rata, until retired
b. To QL, until retired
2. To KA, until reduced to its Scheduled Principal Balance for that Distribution Date
3. To the Scheduled Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently, to WN, WU and WY, pro rata, until retired
b. To WV, until retired
4. Concurrently:
a. $88.4135214205 \%$ to WM, until retired
b. $11.5864785795 \%$ in the following order of priority:
i. To XC, until reduced to its Scheduled Principal Balance for that Distribution Date
ii. To XD, until retired
iii. To XC, without regard to its Scheduled Principal Balances, until retired
5. Concurrently:
a. $8.3333377376 \%$ to PO , until retired
b. 91.6666626624 , sequentially, to WP, WX and WT, in that order, until retired
6. To the Scheduled Classes, in the same manner and order of priority described in Step 3 above, but without regard to their Aggregate Scheduled Principal Balances, until retired
7. To KA, without regard to its Scheduled Principal Balances, until retired
8. To the PAC I Classes, in the same manner and order of priority described in Step 1 above, but without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 4

The Group 4 Principal Distribution Amount will be allocated in the following order of priority:

1. To the PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently:
i. $28.1154029154 \%$, concurrently, to PU and PV, pro rata, until retired
ii. $71.8845970846 \%$ in the following order of priority:
(a) Concurrently, to PL and PN, pro rata, until retired
(b) To PC, until retired
b. Sequentially, to PD, PE and QO, in that order, until retired
2. Sequentially, to WE and WG, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Concurrently:
a. $80.5360916472 \%$, concurrently, to WA, WL and WK, pro rata, until retired
b. $19.4639083528 \%$ in the following order of priority:
i. To WH, until reduced to its Scheduled Principal Balance for that Distribution Date
ii. To WJ, until retired
iii. To WH, without regard to its Scheduled Principal Balances, until retired
4. Sequentially, to WB, WC and WD, in that order, until retired
5. Sequentially, to WE and WG, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired
6. Concurrently, to CM and CO, pro rata, until retired
7. To the PAC Classes, in the same manner and order of priority described in Step 1 above, but without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 5

The Group 5 Principal Distribution Amount and the SZ Accrual Amount will be allocated in the following order of priority:

1. To SB, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To SZ, until retired
3. To SB, without regard to its Scheduled Principal Balances, until retired

## SECURITY GROUP 6

The Group 6 Principal Distribution Amount will be allocated in the following order of priority:

1. Sequentially, to $\mathrm{OA}, \mathrm{OB}, \mathrm{OC}$ and OD , in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To CG, until retired
3. Sequentially, to $\mathrm{OA}, \mathrm{OB}, \mathrm{OC}$ and OD , in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 7

A percentage of the Group 7 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 7 Principal Distribution Amount (the "Group 7 Adjusted Principal Distribution Amount") and the ZK Accrual Amount will be allocated as follows:

- The ZK Accrual Amount, sequentially, to VJ, VO and ZK, in that order, until retired
- The Group 7 Adjusted Principal Distribution Amount, sequentially, to DA, DB, DM, DN, VJ, VO and ZK, in that order, until retired


## SECURITY GROUP 8

The Group 8 Principal Distribution Amount will be allocated in the following order of priority:

1. To SL, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To SM, until retired
3. To SL, without regard to its Scheduled Principal Balances, until retired

## SECURITY GROUP 9

The Group 9 Principal Distribution Amount and the AZ Accrual Amount will be allocated as follows:

- The AZ Accrual Amount in the following order of priority:

1. Concurrently, to AF and AS, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To AZ, until retired

- The Group 9 Principal Distribution Amount, concurrently, as follows:

1. $8.3333339021 \%$ to AO , until retired
2. $91.6666660979 \%$ in the following order of priority:
a. Concurrently, to AF and AS, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
b. To AZ, until retired
c. Concurrently, to AF and AS , pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 10

The Group 10 Principal Distribution Amount will be allocated to DO, until retired

## SECURITY GROUP 11

The Group 11 Principal Distribution Amount will be allocated, sequentially, to BA, BC and BD , in that order, until retired

## SECURITY GROUP 12

The Group 12 Principal Distribution Amount will be allocated, concurrently, to FM and MT, pro rata, until retired

## SECURITY GROUP 13

The Group 13 Principal Distribution Amount will be allocated, concurrently, to FN and NT, pro rata, until retired

## SECURITY GROUP 14

The Group 14 Principal Distribution Amount will be allocated to JO, until retired

## SECURITY GROUP 15

The Group 15 Principal Distribution Amount will be allocated to NO, until retired

## SECURITY GROUP 16

The Group 16 Principal Distribution Amount will be allocated to YO, until retired

Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using, among other things, the following Structuring Ranges or Rates:

| Class | Structuring Ranges or Rates |
| :---: | :---: |
| PAC Classes |  |
| FP and TA (in the aggregate) | 125\% PSA through 600\% PSA |
| KA | 100\% PSA through 250\% PSA |
| OA, OB, OC and OD (in the aggregate) | 100\% PSA through 250\% PSA |
| PC, PD, PE, PL, PN, PU, PV and QO (in | 100\% PSA through 250\% PSA |
| $\mathrm{PF}, \mathrm{QK}$ and QL (in the aggregate) | 100\% PSA through 300\% PSA |
| Scheduled Classes |  |
| WE and WG (in the aggregate) | 112\% PSA through 200\% PSA |
| WN, WU, WV and WY (in the aggregate) | 115\% PSA through 200\% PSA |
| TAC Classes |  |
| AF and AS (in the aggregate) | 135\% PSA |
| JA | 250\% PSA |
| JA and ZB (in the aggregate) | 521\% PSA |
| SB* | 165\% PSA |
| SL | 300\% PSA |
| WH | 175\% PSA |
| XC | 175\% PSA |
| * Structured at an assumed LIBOR rate of 1.10\%. |  |
| Accrual Classes: Interest will accrue on each Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal." |  |
|  |  |
|  |  |
| Notional Classes: The Notional Classes will not receive distributions of principal but have |  |
| Class Notional Balances for convenience in describing their entitlements to interest. The |  |

Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| DS | \$ 33,701,492 | 365.8536643616\% of DO (SC/PT Class) |
| IA. | \$ 7,283,090 | 18.1818181818\% of OA (SC/PAC Class) |
| IB | \$ 7,421,561 | $27.2727272727 \%$ of PL (PAC Class) |
|  | 5,636,363 | 36.3636363636\% of PN (PAC Class) |
|  | 181,818 | 18.1818181818\% of PU (PAC Class) |
|  | 5,681,818 | $22.7272727273 \%$ of PV (PAC Class) |
|  | \$ 18,921,560 |  |
| IS | \$ 86,084,096 | 882.3529001769\% of YO (SC/PT Class) |
| JS | \$124,802,700 | 625\% of JO (SC/PT Class) |
| NS | \$ 22,992,216 | $435.4166615377 \%$ of NO (SC/PT Class) |
| PS | \$ 25,000,000 | 100\% of PF (PAC I Class) |
| QI | \$ 19,589,000 | 100\% of QO (PAC Class) |
| S | \$ 50,000,000 | 100\% of F (PT Class) |
| SA | \$116,666,666 | 100\% of FA (STP Class) |
| SC | \$ 8,430,444 | 200\% of SB (SC/TAC/AD Class) |
| SO | \$ 50,000,000 | 100\% of FO (PT Class) |
| SP | \$ 10,792,400 | 100\% of FP (PAC Class) |
| ST | \$ 10,792,400 | 100\% of FP (PAC Class) |
| SU | \$ 10,792,400 | 100\% of FP (PAC Class) |
| SV | \$116,666,666 | 100\% of FA (STP Class) |
|  | 10,792,400 | 100\% of FP (PAC Class) |
|  | \$127,459,066 |  |
| VI. | \$ 29,187,929 | 100\% of VO (SEQ / AD Class) |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.

## RISK FACTORS

You should purchase securities only if you understand and are able to bear the associated risks. The risks applicable to your investment depend on the principal and interest type of your securities. This section highlights certain of these risks.

The rate of principal payments on the underlying mortgage loans will affect the rate of principal payments on your securities. The rate at which you will receive principal payments will depend largely on the rate of principal payments, including prepayments, on the mortgage loans underlying the related trust assets. We expect the rate of principal payments on the underlying mortgage loans to vary. Borrowers generally may prepay their mortgage loans at any time without penalty.
Rates of principal payments can reduce your yield. The yield on your securities probably will be lower than you expect if:

- you bought your securities at a premium (interest only securities, for example) and principal payments are faster than you expected, or
- you bought your securities at a discount (principal only securities, for example) and principal payments are slower than you expected.
In addition, if your securities are interest only securities or securities purchased at a significant premium, you could lose money on your investment if prepayments occur at a rapid rate.
The rate of principal payments on certain group 5 classes will be sensitive to LIBOR. The rate of principal payments on classes SB, SW, SZ and YH will depend in part on the rate at which interest accrues on class SZ, which in turn will depend on the level of LIBOR. In particular, during periods when the level of LIBOR exceeds $5.5 \%$, the principal balances of classes SB, SW, SZ and YH will be paid more slowly than would otherwise be the case and their weighted averages lives may be extended, perhaps significantly.
The level of LIBOR will affect the yields on floating rate and inverse floating rate securities. If LIBOR performs differently from what you expect, the yield on your securities
may be lower than you expect. Lower levels of LIBOR will generally reduce the yield on floating rate securities; higher levels of LIBOR will generally reduce the yield on inverse floating rate securities. You should bear in mind that the timing of changes in the level of LIBOR may affect your yield: generally, the earlier a change, the greater the effect on your yield. It is doubtful that LIBOR will remain constant.
An investment in the securities is subject to significant reinvestment risk. The rate of principal payments on your securities is uncertain. You may be unable to reinvest the payments on your securities at the same returns provided by the securities. Lower prevailing interest rates may result in an unexpected return of principal. In that interest rate climate, higher yielding reinvestment opportunities may be limited. Conversely, higher prevailing interest rates may result in slower returns of principal and you may not be able to take advantage of higher yielding investment opportunities. The final payment on your security may occur much earlier than the final distribution date.


## Support securities will be more sensitive to

 rates of principal payments than other securities. If principal prepayments result in principal distributions on any distribution date equal to or less than the amount needed to produce scheduled payments on the PAC, scheduled and TAC classes, the related support classes will not receive any principal distribution on that date. If prepayments result in principal distributions on any distribution date greater than the amount needed to produce scheduled payments on the related PAC, scheduled and TAC classes for that distribution date, this excess will be distributed to the related support classes.The rate of principal payments on the underlying certificates will directly affect the rate of principal payments on the group 5 , 6, 8, 9, 10, 11, 12, 13, 14, 15 and 16 securi-
ties. The underlying certificates will be sensitive in varying degrees to

- the rate of payments of principal (including prepayments) of the related mortgage loans, and
- the priorities for the distribution of principal among the classes of the related underlying series.

In addition, the principal entitlement of the underlying certificates included in trust asset groups $5,6,8,9,10,11,13$ and 14 on any payment date is calculated on the basis of schedules; no assurance can be given that such underlying certificates will adhere to their schedules. Further, prepayments on the related mortgage loans may have occurred at rates faster or slower than those initially assumed.

This supplement contains no information as to whether the underlying certificates have adhered to their principal balance schedules, whether any related supporting classes remain outstanding or whether the underlying certificates otherwise have performed as originally anticipated. Additional information as to the underlying certificates may be obtained by performing an analysis of current principal factors of the underlying certificates in light of applicable information contained in the related underlying certificate disclosure documents.

The securities may not be a suitable investment for you. The securities, especially the group 5, 6, 8, 9, 10, 11, 12, 13, 14, 15 and 16 securities and, in particular, the support, interest only, principal only, inverse floating rate, accrual and residual classes, are not suitable investments for all investors.

In addition, although the sponsor intends to make a market for the purchase and sale of the securities after their initial issuance, it has no obligation to do so. There is no assurance that a secondary market will develop, that any secondary market will continue, or that the price at which you can sell an investment in any class will enable you to realize a desired yield on that investment.

You will bear the market risks of your investment. The market values of the classes are likely to fluctuate. These fluctuations may be significant and could result in significant losses to you.
The secondary markets for mortgage-related securities have experienced periods of illiquidity and can be expected to do so in the future. Illiquidity can have a severely adverse effect on the prices of classes that are especially sensitive to prepayment or interest rate risk or that have been structured to meet the investment requirements of limited categories of investors.
The residual securities may experience significant adverse tax timing consequences. Accordingly, you are urged to consult tax advisors and to consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. See "Certain Federal Income Tax Consequences" in this supplement and in the base offering circular.
You are encouraged to consult advisors regarding the financial, legal, tax and other aspects of an investment in the securities. You should not purchase the securities of any class unless you understand and are able to bear the prepayment, yield, liquidity and market risks associated with that class.
The actual characteristics of the underlying mortgage loans will affect the weighted average lives and yields of your securities. The yield and prepayment tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. As a result, the yields on your securities could be lower than you expected, even if the mortgage loans prepay at the constant prepayment rates set forth in the applicable table.
It is highly unlikely that the underlying mortgage loans will prepay at any of the prepayment rates assumed in this supplement, or at any constant prepayment rate.

## THE TRUST ASSETS

## General

The Sponsor intends to acquire the Trust Assets in privately negotiated transactions prior to the Closing Date and to sell them to the Trust according to the terms of a Trust Agreement between the Sponsor and the Trustee. The Sponsor will make certain representations and warranties with respect to the Trust Assets. All Trust Assets, regardless of whether the assets consist of Trust MBS or the Underlying Certificates, will evidence, directly or indirectly, Ginnie Mae Certificates.

## The Trust MBS (Groups 1, 2, 3, 4 and 7)

The Group 1, 3 and 7 Trust Assets are either:

1. Ginnie Mae I MBS Certificates guaranteed by Ginnie Mae, or
2. Ginnie Mae Platinum Certificates backed by Ginnie Mae I MBS Certificates and guaranteed by Ginnie Mae.

Each Mortgage Loan underlying a Ginnie Mae I MBS Certificate bears interest at a Mortgage Rate $0.50 \%$ per annum greater than the related Certificate Rate. The difference between the Mortgage Rate and the Certificate Rate is used to pay the related servicers of the Mortgage Loans a monthly servicing fee and Ginnie Mae a fee for its guaranty of the Ginnie Mae I MBS Certificate of $0.44 \%$ per annum and $0.06 \%$ per annum, respectively, of the outstanding principal balance of the Mortgage Loan.

The Group 2 and 4 Trust Assets are either:

1. Ginnie Mae II MBS Certificates guaranteed by Ginnie Mae, or
2. Ginnie Mae Platinum Certificates backed by Ginnie Mae II MBS Certificates and guaranteed by Ginnie Mae.
Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued prior to July 1, 2003 bears interest at a Mortgage Rate $0.50 \%$ to $1.50 \%$ per annum greater than the related Certificate Rate. Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued on or after July 1, 2003 bears interest at a Mortgage Rate $0.25 \%$ to $0.75 \%$ per annum greater than the related Certificate Rate. Ginnie Mae receives a fee (the "Ginnie Mae Certificate Guaranty Fee") for its guaranty of each Ginnie Mae II MBS Certificate of $0.06 \%$ per annum of the outstanding principal balance of each related Mortgage Loan. The difference between (a) the Mortgage Rate and (b) the sum of the Certificate Rate and the Ginnie Mae Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

## The Underlying Certificates (Groups 5, 6, 8, 9, 10, 11, 12, 13, 14, 15 and 16)

The Group $5,6,8,9,10,11,12,13,14,15$ and 16 Trust Assets are Underlying Certificates that represent beneficial ownership interests in one or more separate trusts, the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. Each Underlying Certificate constitutes all or a portion of a class of a separate Series of certificates described in the related Underlying Certificate Disclosure Document, excerpts of which are attached as Exhibit B to this Supplement. Each Underlying Certificate Disclosure Document may be obtained from the Information Agent as described under "Available Information" in this Supplement. Investors are cautioned that material changes in facts and circumstances may have occurred since the date of each Underlying Certificate Disclosure Document, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions
used in preparing the information included in, the offering document. See "Underlying Certificates" in the Base Offering Circular.

Each Underlying Certificate provides for monthly distributions and is further described in the table contained in Exhibit A to this Supplement. The table also sets forth information regarding approximate weighted average remaining terms to maturity, loan ages and mortgage rates of the Mortgage Loans underlying the related Ginnie Mae Certificates.

## The Mortgage Loans

The Mortgage Loans underlying the Group 1, 2, 3, 4 and 7 Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in the Terms Sheet under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 3, 4 and 7 Trust Assets" and the general characteristics described in the Base Offering Circular. The Mortgage Loans underlying the Underlying Certificates are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A to this Supplement. The Mortgage Loans will consist of first lien, single-family, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, the Rural Housing Service or the United States Department of Housing and Urban Development ("HUD"). See "The Ginnie Mae Certificates - General" in the Base Offering Circular.

Specific information regarding the characteristics of the Mortgage Loans is not available. For purposes of this Supplement, certain assumptions have been made regarding the remaining terms to maturity, loan ages and, in the case of the Group 2 and 4 Trust Assets, Mortgage Rates of the Mortgage Loans. However, the actual remaining terms to maturity, loan ages and, in the case of the Group 2 and 4 Trust Assets, Mortgage Rates of many of the Mortgage Loans will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Mortgage Loans are the same as the assumed characteristics. Small differences in the characteristics of the Mortgage Loans can have a significant effect on the weighted average lives and yields of the Securities. See "Risk Factors" and "Yield, Maturity and Prepayment Considerations" in this Supplement.

## The Trustee Fee

On each Distribution Date, the Trustee will retain a fixed percentage of all principal and interest distributions received on specified Trust Assets in payment of its fee.

## GINNIE MAE GUARANTY

The Government National Mortgage Association ("Ginnie Mae"), a wholly-owned corporate instrumentality of the United States of America within HUD, guarantees the timely payment of principal and interest on the Securities. The General Counsel of HUD has provided an opinion to the effect that Ginnie Mae has the authority to guarantee multiclass securities and that Ginnie Mae guaranties will constitute general obligations of the United States, for which the full faith and credit of the United States is pledged. See "Ginnie Mae Guaranty" in the Base Offering Circular.

## DESCRIPTION OF THE SECURITIES

## General

The description of the Securities contained in this Supplement is not complete and is subject to, and is qualified in its entirety by reference to, all of the provisions of the Trust Agreement. See "Description of the Securities" in the Base Offering Circular.

## Form of Securities

Each Class of Securities other than the Residual Securities initially will be issued and maintained, and may be transferred only on the Fedwire Book-Entry System. Beneficial Owners of Book-Entry Securities will ordinarily hold these Securities through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations that are eligible to maintain book-entry accounts on the Fedwire Book-Entry System. By request accompanied by the payment of a transfer fee of $\$ 25,000$ per Certificated Security to be issued, a Beneficial Owner may receive a Regular Security in certificated form.

The Residual Securities will not be issued in book-entry form but will be issued in fully registered, certificated form and may be transferred or exchanged, subject to the transfer restrictions applicable to Residual Securities set forth in the Trust Agreement, at the Corporate Trust Office of the Trustee. See "Description of the Securities - Forms of Securities; Book-Entry Procedures" in the Base Offering Circular.

Each Class (other than the Increased Minimum Denomination Classes) will be issued in minimum dollar denominations of initial principal balance of $\$ 1,000$ and integral multiples of $\$ 1$ in excess of $\$ 1,000$. The Increased Minimum Denomination Classes will be issued in minimum denominations that equal $\$ 100,000$ in initial principal or notional balance.

## Distributions

Distributions on the Securities will be made on each Distribution Date as specified under "Terms Sheet - Distribution Dates" in this Supplement. On each Distribution Date for a Security, or in the case of the Certificated Securities, on the first Business Day after the related Distribution Date, the Distribution Amount will be distributed to the Holders of record as of the close of business on the last Business Day of the calendar month immediately preceding the month in which the Distribution Date occurs. Beneficial Owners of Book-Entry Securities will receive distributions through credits to accounts maintained for their benefit on the books and records of the appropriate financial intermediaries. Holders of Certificated Securities will receive distributions by check or, subject to the restrictions set forth in the Base Offering Circular, by wire transfer. See "Description of the Securities - Distributions" and "-Method of Distributions" in the Base Offering Circular.

## Interest Distributions

The Interest Distribution Amount will be distributed on each Distribution Date to the Holders of all Classes of Securities entitled to distributions of interest.

- Interest will be calculated on the basis of a 360 -day year consisting of twelve 30 -day months.
- Interest distributable on any Class for any Distribution Date will consist of 30 days' interest on its Class Principal Balance (or Class Notional Balance) as of the related Record Date.
- Investors can calculate the amount of interest to be distributed on each Class of Securities for any Distribution Date by using the Class Factors published in the preceding month. See "- Class Factors" below.


## Categories of Classes

For purposes of interest distributions, the Classes will be categorized as shown under "Interest Type" on the inside cover page of this Supplement and on Schedule I to this Supplement. The abbreviations used on the inside cover page and on Schedule I to this Supplement are explained under "Class Types" in Appendix I to the Base Offering Circular.

## Accrual Periods

The Accrual Period for each Class is set forth in the table below:

## Class

Fixed Rate Classes
Group 1 and 3 Floating Rate and Inverse Floating Rate Classes
Group 2, 5, 8, 9, 10, $12,13,14,15$ and 16 Floating Rate and Inverse Floating Rate Classes

Accrual Period
The calendar month preceding the related Distribution Date From the 16 th day of the month preceding the month of the related Distribution Date through the 15 th day of the month of that Distribution Date

From the 20th day of the month preceding the month of the related Distribution Date through the 19th day of the month of that Distribution Date

Fixed Rate Classes
Each Fixed Rate Class will bear interest at the per annum Interest Rate shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

## Floating Rate and Inverse Floating Rate Classes

The Floating Rate and Inverse Floating Rate Classes will bear interest as shown under "Terms Sheet - Interest Rates" in this Supplement. The Interest Rates for the Floating Rate and Inverse Floating Rate Classes will be based on LIBOR. LIBOR will be determined based on the BBA LIBOR method, as described under "Description of the Securities - Interest Rate Indices - Determination of LIBOR - BBA LIBOR" in the Base Offering Circular.

For information regarding the manner in which the Trustee determines LIBOR and calculates the Interest Rates for the Floating Rate and Inverse Floating Rate Classes, see "Description of the Securities - Interest Rate Indices - Determination of LIBOR" in the Base Offering Circular.

The Trustee's determination of LIBOR and its calculation of the Interest Rates will be final, except in the case of clear error. Investors can obtain LIBOR levels and Interest Rates for the current and preceding Accrual Periods from Ginnie Mae's Multiclass Securities e-Access located on Ginnie Mae's website ("e-Access") e-Access or by calling the Information Agent at (800) 234-GNMA.

## Accrual Classes

Each of Class AZ, SZ, ZB, ZC and ZK is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under "Terms Sheet - Accrual Classes" in this Supplement.

## Principal Distributions

The Principal Distribution Amount or the Adjusted Principal Distribution Amount for each Group, as applicable, and the Accrual Amounts will be distributed to the Holders entitled thereto as described under "Terms Sheet - Allocation of Principal" in this Supplement.

Investors can calculate the amount of principal to be distributed with respect to any Distribution Date by using the Class Factors published in the preceding and current months. See "- Class Factors" below.

## Categories of Classes

For purposes of principal distributions, the Classes will be categorized as shown under "Principal Type" on the inside cover page of this Supplement and on Schedule I to this Supplement. The abbreviations used on the inside cover page, in the Terms Sheet and on Schedule I to this Supplement are explained under "Class Types" in Appendix I to the Base Offering Circular.

## Notional Classes

The Notional Classes will not receive principal distributions. For convenience in describing interest distributions, the Notional Classes will have the original Class Notional Balances shown on the inside cover page of this Supplement and on Schedule I to this Supplement. The Class Notional Balances will be reduced as shown under "Terms Sheet - Notional Classes" in this Supplement.

## Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Issuing REMIC and the beneficial ownership of the Residual Interest in the Pooling REMIC, as described under "Certain Federal Income Tax Consequences" in the Base Offering Circular. The Class RR Securities have no Class Principal Balance and do not accrue interest. The Class RR Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMICs after the Class Principal Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

## Class Factors

The Trustee will calculate and make available for each Class of Securities, no later than the day preceding the applicable Distribution Date, the factor (carried out to eight decimal places) that when multiplied by the Original Class Principal Balance (or original Class Notional Balance) of that Class, determines the Class Principal Balance (or Class Notional Balance) after giving effect to the distribution of principal to be made on the Securities (and any addition to the Class Principal Balance of an Accrual Class) or any reduction of Class Notional Balance on that Distribution Date (each, a "Class Factor").

- The Class Factor for any Class of Securities for the month following the issuance of the Securities will reflect its remaining Class Principal Balance (or Class Notional Balance) after giving effect to any principal distribution (or addition to principal) to be made or any reduction of Class Notional Balance on the Distribution Date occurring in that month.
- The Class Factor for each Class for the month of issuance is 1.00000000 .
- The Class Factors for the MX Classes and the Classes of REMIC Securities that are exchangeable for the MX Classes will be calculated assuming that the maximum possible amount of each Class is outstanding at all times, regardless of any exchanges that may occur.
- Based on the Class Factors published in the preceding and current months (and Interest Rates), investors in any Class (other than an Accrual Class) can calculate the amount of principal and interest to be distributed to that Class, and investors in an Accrual Class can calculate the total amount of principal to be distributed to (or interest to be added to the Class Principal Balance of) that Class on the Distribution Date in the current month.
- Investors may obtain current Class Factors on e-Access.

See "Description of the Securities - Distributions" in the Base Offering Circular.

## Trading

For the sole purpose of facilitating trading and settlement, the Principal Only Classes will be treated as non-delay classes.

## Termination

The Trustee, at its option, may purchase or cause the sale of the Trust Assets and thereby terminate the Trust on any Distribution Date on which the aggregate of the Class Principal Balances of the Securities is less than $1 \%$ of the aggregate Original Class Principal Balances of the Securities. The Trustee will terminate the Trust and retire the Securities on any Distribution Date upon the Trustee's determination that the REMIC status of either Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year.

Upon any termination of the Trust, the Holder of any outstanding Security (other than a Residual or Notional Class Security) will be entitled to receive that Holder's allocable share of the Class Principal Balance of that Class plus any accrued and unpaid interest thereon at the applicable Interest Rate, and any Holder of any outstanding Notional Class Security will be entitled to receive that Holder's allocable share of any accrued and unpaid interest thereon at the applicable Interest Rate. The Residual Holders will be entitled to their pro rata share of any assets remaining in the Trust REMICs after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

## Modification and Exchange

All or a portion of the Classes of REMIC Securities specified on the inside cover page may be exchanged for a proportionate interest in the related MX Class shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class may be exchanged for proportionate interests in the related Classes of REMIC Securities and, in the case of Combinations 18, 21 and 22, other related MX Classes. This process may occur repeatedly.

Each exchange may be effected only in proportions that result in the principal and interest entitlements of the Securities received being equal to the entitlements of the Securities surrendered.

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner's Book-Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal balance of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee in writing at its Corporate Trust Office at Wells Fargo Bank, N.A., 45 Broadway, 12th Floor, New York, NY 10006, Attention: Trust Administrator Ginnie Mae 2004-034. The Trustee may be contacted by telephone at (212) 615-5262 and by fax at (212) 509-1042.

A fee will be payable to the Trustee in connection with each exchange equal to $1 / 32$ of $1 \%$ of the outstanding principal balance (or notional balance) of the Securities surrendered for exchange (but not less than $\$ 2,000$ or more than $\$ 25,000$ ); provided, however that no fee will be payable in respect of an interest only security, unless all securities involved in the exchange are interest only securities. If the notional balance of the interest only securities surrendered exceeds that of the interest only securities received, the fee will be based on the latter. The fee must be paid concurrently with the exchange.

The first distribution on a REMIC Security or an MX Security received in an exchange will be made on the Distribution Date in the month following the month of the exchange. The distribution will be made to the Holder of record as of the Record Date in the month of exchange.

See "Description of the Securities - Modification and Exchange" in the Base Offering Circular.

## YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

## General

The prepayment experience of the Mortgage Loans underlying the Trust Assets will affect the Weighted Average Lives of and the yields realized by investors in the related Securities.

- The Mortgage Loans do not contain "due-on-sale" provisions, and any Mortgage Loan may be prepaid in full or in part at any time without penalty.
- The rate of payments (including prepayments and payments in respect of liquidations) on the Mortgage Loans is dependent on a variety of economic, geographic, social and other factors, including prevailing market interest rates and general economic factors.

The rate of prepayments with respect to single-family mortgage loans has fluctuated significantly in recent years. Although there is no assurance that prepayment patterns for the Mortgage Loans will conform to patterns for more traditional types of conventional fixed-rate mortgage loans, generally:

- if mortgage interest rates fall materially below the Mortgage Rates on any of the Mortgage Loans (giving consideration to the cost of refinancing), the rate of prepayment of those Mortgage Loans would be expected to increase; and
- if mortgage interest rates rise materially above the Mortgage Rates on any of the Mortgage Loans, the rate of prepayment of those Mortgage Loans would be expected to decrease.

In addition, following any Mortgage Loan default and the subsequent liquidation of the underlying Mortgaged Property, the principal balance of the Mortgage Loan will be distributed through a combination of liquidation proceeds, advances from the related Ginnie Mae Issuer and, to the extent necessary, proceeds of Ginnie Mae's guaranty of the Ginnie Mae Certificates. As a result, defaults experienced on the Mortgage Loans will accelerate the distribution of principal of the Securities.

Under certain circumstances, the Trustee has the option to purchase the Trust Assets, thereby effecting early retirement of the Securities. See "Description of the Securities Termination" in this Supplement.

Investors in the Group 5, 6, 8, 9, 10, 11, 12, 13, 14, 15 and 16 Securities are urged to review the discussion under "Risk Factors - The rate of principal payments on the underlying
certificates will directly affect the rate of principal payments on the group $5,6,8,9,10,11,12$, $13,14,15$ and 16 securities" in this Supplement.

In addition, changes in LIBOR will affect the rate of principal payments on Classes SB, SW, SZ and YH. Investors in these Securities are urged to review the discussion under "Risk Factors - The rate of principal payments on certain group 5 classes will be sensitive to LIBOR," "Yield, Maturity and Prepayment Considerations - Securities that Receive Principal on the Basis of Schedules" and "Decrement Tables" in this Supplement.

## Accretion Directed Classes

Classes AF, AS, JA, SB, VJ, VO and ZB are Accretion Directed Classes. The related Accrual Amount will be applied to making principal distributions on those Classes as described in this Supplement. Classes SC and VI are Notional Classes whose Class Notional Balances are determined by reference to the Class Principal Balances of Classes SB and VO, respectively.

Each Accretion Direction Class other than Class VJ has the AD designation in the suffix position, rather than the prefix position, in its class principal type because it does not have principal payment stability through the applicable pricing prepayment assumption. Classes SB, VJ and VO will have principal payment stability only through the prepayment rate shown in the table below. Classes AF, AS, JA and ZB are not listed in the table below because, although they are entitled to receive payments from the related Accrual Amounts, they do not have principal payment stability through any prepayment rate significantly higher than 0\% PSA.

The Accretion Directed Classes are entitled to principal payments in an amount equal to interest accrued on the related Accrual Classes. With respect to the Classes listed in the table below, the Weighted Average Life of each such Class cannot exceed its Weighted Average Life as shown in the following table under any constant prepayment scenario, even a scenario where there are no prepayments, assuming, in the case of Class SB, that the level of LIBOR is at or below 5.5\%.

- Moreover, based on the Modeling Assumptions, if the related Mortgage Loans prepay at any constant rate at or below the rate for an Accretion Directed Class shown in the table below, the Class Principal Balances of Classes VJ and VO would be reduced to zero on, but not before, their Final Distribution Dates, the Class Principal Balance of Class SB would be reduced to zero before its Final Distribution Date and the Weighted Average Life of each of these Classes would equal its maximum Weighted Average Life.
- However, the Weighted Average Lives of Classes SB, VJ and VO will be reduced at prepayment speeds higher than the constant rates shown in the table below. See "Yield, Maturity and Prepayment Considerations - Decrement Tables" in this Supplement.


## Accretion Directed Classes

| Class | Maximum Weighted <br> Average Life <br> (in Years) | 5.5 | Final Distribution Date |
| :--- | :---: | :---: | :---: |

The Mortgage Loans will have characteristics that differ from those of the Modeling Assumptions. Therefore, even if the related Mortgage Loans prepay at a rate at or somewhat below the "at or below" rate shown for any Accretion Directed Class, the Class Principal

Balance of that Class could be reduced to zero before its Final Distribution Date, and its Weighted Average Life could be shortened.

## Securities that Receive Principal on the Basis of Schedules

As described in this Supplement, each PAC, Scheduled and TAC Class will receive principal payments in accordance with a schedule calculated on the basis of, among other things, a Structuring Range or Rate. See "Terms Sheet - Scheduled Principal Balances." However, whether any such Class will adhere to its schedule and receive "Scheduled Payments" on a Distribution Date will largely depend on the level of prepayments experienced by the related Mortgage Loans and, in the case of Class SB, on the level of LIBOR for each accrual period.

Each PAC, Scheduled and TAC Class exhibits an Effective Range or Rate of constant prepayment rates at which such Class will receive Scheduled Payments. That range or rate may differ from the Structuring Range or Rate used to create the related principal balance schedule. Based on the Modeling Assumptions, the initial Effective Ranges or Rates for the PAC, Scheduled and TAC Classes are as follows:

| PAC Classes | Initial Effective Ranges |
| :---: | :---: |
| FP and TA (in the aggregate) | $125 \%$ PSA through 600\% PSA |
| KA | 100\% PSA through 250\% PSA |
| $\mathrm{OA}, \mathrm{OB}, \mathrm{OC}$ and OD (in the aggregate) | 109\% PSA through $240 \%$ PSA |
| PC, PD, PE, PL, PN, PU, PV and QO (in the aggregate) | 100\% PSA through 250\% PSA |
| $\mathrm{PF}, \mathrm{QK}$ and QL (in the aggregate) | 100\% PSA through 300\% PSA |
| Scheduled Classes | Initial Effective Ranges |
| WE and WG (in the aggregate) | 112\% PSA through 207\% PSA |
| WN, WU, WV and WY (in the aggregate) | 115\% PSA through 200\% PSA |
| TAC Classes | Initial Effective Rates |
| WH | 175\% PSA |
| SB* | 165\% PSA |
| XC | 175\% PSA |
| SL | 300\% PSA |
| AF and AS (in the aggregate) | 135\% PSA |
| JA and ZB (in the aggregate) | 521\% PSA |
| JA | 250\% PSA |
| * Structured at an assumed LIBOR rate of 1.10\%. |  |
| - The principal payment stability of the PAC I Classes will be supported by the related PAC II, Scheduled, TAC and Support Classes. |  |
| - The principal payment stability of the PAC and PAC II Classes will be supported by the related Scheduled, TAC and Support Classes. |  |
| - The principal payment stability of the Scheduled Classes will be supported by the related TAC and Support Classes. |  |
| - The principal payment stability of the TAC Classes will be supported by the related Support Classes. |  |
| If all of the Classes supporting a given Class ar ported is retired, the outstanding Class will no 1 and will become more sensitive to prepayment | etired before the Class being er have an Effective Range or the related Mortgage Loans. |

There is no assurance that the related Mortgage Loans will have the characteristics assumed in the Modeling Assumptions, which were used to determine the initial Effective Ranges or Rates. If the initial Effective Ranges or Rates were calculated using the actual characteristics of the related Mortgage Loans, the initial Effective Ranges or Rates could differ from those shown in the above tables or an initial Effective Rate might not exist. Therefore, even if the Mortgage Loans were to prepay at a constant rate within the initial Effective Range or at the initial Effective Rate shown for any Class in the above tables, that Class could fail to receive Scheduled Payments.

It is not likely that LIBOR will remain at the constant level set forth in the modeling assumption for Class SZ, which was used to determine the Initial Effective Rate for Class SB. If LIBOR increases significantly above that level, the Effective Rate for Class SB may change or cease to exist and its Weighted Average Life may be extended, perhaps significantly. Moreover, the Mortgage Loans will not prepay at any constant rate. Non-constant prepayment rates can cause any PAC, Scheduled or TAC Class not to receive Scheduled Payments, even if prepayment rates remain within the initial Effective Range (or if prepayment rates average the Effective Rate), if any, for that Class. Further, the Effective Range for any PAC or Scheduled Class can narrow, shift over time or cease to exist and the Effective Rate for any TAC Class can change or cease to exist depending on the actual characteristics of the related Mortgage Loans.

If the related Mortgage Loans prepay at rates that are generally below the Effective Range or Rate for any PAC, Scheduled or TAC Class, the amount available to pay principal on the Securities may be insufficient to produce Scheduled Payments on such related PAC, Scheduled or TAC Class, if any, and its Weighted Average Life may be extended, perhaps significantly.

If the related Mortgage Loans prepay at rates that are generally above the Effective Range or Rate for any PAC, Scheduled or TAC Class, its supporting Classes may be retired earlier than that PAC, Scheduled or TAC Class, and its Weighted Average Life may be shortened, perhaps significantly.

## Assumability

Each Mortgage Loan may be assumed, subject to HUD review and approval, upon the sale of the related Mortgaged Property. See "Yield, Maturity and Prepayment Considerations Assumability of Government Loans" in the Base Offering Circular.

## Final Distribution Date

The Final Distribution Date for each Class, which is set forth on the inside cover page of this Supplement or on Schedule I to this Supplement, is the latest date on which the related Class Principal Balance or Class Notional Balance will be reduced to zero.

- The actual retirement of any Class may occur earlier than its Final Distribution Date.
- According to the terms of the Ginnie Mae Guaranty, Ginnie Mae will guarantee payment in full of the Class Principal Balance of each Class of Securities no later than its Final Distribution Date.


## Modeling Assumptions

Unless otherwise indicated, the tables that follow have been prepared on the basis of the characteristics of the Underlying Certificates, the priorities of distributions on the Underlying Certificates and the following assumptions (the "Modeling Assumptions"), among others:

1. The Mortgage Loans underlying the Group 1, 2, 3, 4 and Group 7 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 3, 4 and 7 Trust Assets" in the Terms Sheet, except in the case of information set forth under the 0\% PSA Prepayment Assumption Rate, for which each Mortgage Loan underlying a Group 1, 2, 3, 4 or 7 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months, and each Mortgage Loan underlying a Group 2 or 4 Trust Asset is assumed to have a Mortgage Rate of $1.50 \%$ per annum higher than the related Certificate Rate.
2. The Mortgage Loans prepay at the constant percentages of PSA (described below) shown in the related table.
3. Distributions on the Group 1,3 and 7 Securities are always received on the 16 th day of the month and distributions on the Group $2,4,5,6,8,9,10,11,12,13,14,15$ and 16 Securities are always received on the 20th day of the month, in each case, whether or not a Business Day, commencing in June 2004.
4. A termination of the Trust or the Underlying Trusts does not occur.
5. The Closing Date for the Securities is May 28, 2004.
6. No expenses or fees are paid by the Trust other than the Trustee Fee.
7. Distributions on the Underlying Certificates are made as described in the related Underlying Certificate Disclosure Documents.
8. Each Class is held from the Closing Date and is not exchanged in whole or in part.
9. The Interest Rate Applicable to Class SZ for each Accrual Period is based on a constant LIBOR level of $1.10 \%$, except with respect to the Decrement Tables and Yield Tables which were calculated using the LIBOR rates shown in such tables.

When reading the tables and the related text, investors should bear in mind that the Modeling Assumptions, like any other stated assumptions, are unlikely to be entirely consistent with actual experience.

- For example, most of the Mortgage Loans will not have the characteristics assumed, many Distribution Dates will occur on a Business Day after the 16 th or 20th day of the month, as applicable, and the Trustee may cause a termination of the Trust as described under "Description of the Securities - Termination" in this Supplement.
- In addition, distributions on the Securities are based on Certificate Factors and Calculated Certificate Factors, if applicable, which may not reflect actual receipts on the Trust Assets.

See "Description of the Securities - Distributions" in the Base Offering Circular.

## Decrement Tables

Prepayments of mortgage loans are commonly measured by a prepayment standard or model. The model used in this Supplement ("PSA") is the standard prepayment assumption model of The Bond Market Association. PSA represents an assumed rate of prepayment each
month relative to the then outstanding principal balance of the Mortgage Loans to which the model is applied. See "Yield, Maturity and Prepayment Considerations - Standard Prepayment Assumption Models" in the Base Offering Circular.

The decrement tables set forth below are based on the assumption that the Mortgage Loans prepay at the indicated percentages of PSA (the "PSA Prepayment Assumption Rates"). As used in the table, each of the PSA Prepayment Assumption Rates reflects a percentage of the 100\% PSA assumed prepayment rate. The Mortgage Loans will not prepay at any of the PSA Prepayment Assumption Rates and the timing of changes in the rate of prepayments actually experienced on the Mortgage Loans will not follow the pattern described for the PSA assumption.

The decrement tables set forth below illustrate the percentage of the Original Class Principal Balance (or, in the case of a Notional Class, the original Class Notional Balance) that would remain outstanding following the distribution made each specified month for each Regular or MX Class, based on the assumption that the related Mortgage Loans prepay at the PSA Prepayment Assumption Rates, and, in the case of Classes SB, SC, SW, SZ and YH, under various assumed constant levels of LIBOR. The percentages set forth in the following decrement tables have been rounded to the nearest whole percentage (including rounding down to zero).

The decrement tables also indicate the Weighted Average Life of each Class under each PSA Prepayment Assumption Rate. The Weighted Average Life of each Class is calculated by:
(a) multiplying the net reduction, if any, of the Class Principal Balance (or the net reduction of the Class Notional Balance, in the case of any Notional Class) from one Distribution Date to the next Distribution Date by the number of years from the date of issuance thereof to the related Distribution Date,
(b) summing the results, and
(c) dividing the sum by the aggregate amount of the assumed net reductions in principal balance or notional amount, as applicable, referred to in clause (a).

The information shown for each Notional Class is for illustrative purposes only, as a Notional Class is not entitled to distributions of principal and has no weighted average life. The weighted average life shown for each Notional Class has been calculated on the assumption that a reduction in the Class Notional Balance thereof is a distribution of principal.

The Weighted Average Lives are likely to vary, perhaps significantly, from those set forth in the tables below due to the differences between the actual characteristics of the Mortgage Loans underlying the related Trust Assets and the Modeling Assumptions, and, in the case of Classes SB, SC, SW, SZ and YH the Weighted Average Lives are likely to vary due to differences between actual LIBOR and the assumed constant levels of LIBOR.

# Percentages of Original Class Principal (or Class Notional) Balances and Weighted Average Lives 

| Distribution Date | Security Group 1 <br> PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes F, FO, S and So |  |  |  |  |
|  | 0\% | 300\% | 627\% | 950\% | 1300\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 99 | 82 | 63 | 45 | 25 |
| May 2006 | 98 | 66 | 39 | 19 | 5 |
| May 2007 | 97 | 54 | 24 | 8 | 1 |
| May 2008 | 96 | 43 | 15 | 3 | 0 |
| May 2009 | 95 | 35 | 9 | 1 | 0 |
| May 2010 | 93 | 28 | 6 | 1 | 0 |
| May 2011 | 92 | 23 | 3 | 0 | 0 |
| May 2012 | 90 | 18 | 2 | 0 | 0 |
| May 2013 | 89 | 15 | 1 | 0 | 0 |
| May 2014 | 87 | 12 | 1 | 0 | 0 |
| May 2015 | 85 | 9 | 0 | 0 | 0 |
| May 2016 | 83 | 7 | 0 | 0 | 0 |
| May 2017 | 80 | 6 | 0 | 0 | 0 |
| May 2018 | 78 | 5 | 0 | 0 | 0 |
| May 2019 | 75 | 4 | 0 | 0 | 0 |
| May 2020 | 73 | 3 | 0 | 0 | 0 |
| May 2021 | 70 | 2 | 0 | 0 | 0 |
| May 2022 | 66 | 2 | 0 | 0 | 0 |
| May 2023 | 63 | 1 | 0 | 0 | 0 |
| May 2024 | 59 | 1 | 0 | 0 | 0 |
| May 2025 | 55 | 1 | 0 | 0 | 0 |
| May 2026 | 50 | 1 | 0 | 0 | 0 |
| May 2027 | 46 | 0 | 0 | 0 | 0 |
| May 2028 | 40 | 0 | 0 | 0 | 0 |
| May 2029 | 35 | 0 | 0 | 0 | 0 |
| May 2030 | 29 | 0 | 0 | 0 | 0 |
| May 2031 | 22 | 0 | 0 | 0 | 0 |
| May 2032 | 16 | 0 | 0 | 0 | 0 |
| May 2033 | 8 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) | 20.2 | 4.7 | 2.1 | 1.2 | 0.7 |

Security Group 2
PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ | payment Assumption |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes FA and SA |  |  |  |  | Classes FP, SP, ST, SU and TA |  |  |  |  | Class JA |  |  |  |  |
|  | 0\% | 125\% | 521\% | 600\% | 1050\% | 0\% | 125\% | 521\% | 600\% | 1050\% | 0\% | 125\% | 521\% | 600\% | 1050\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 99 | 92 | 69 | 65 | 39 | 98 | 82 | 82 | 82 | 82 | 99 | 99 | 68 | 60 | 2 |
| May 2006 | 98 | 84 | 47 | 41 | 14 | 96 | 65 | 65 | 65 | 31 | 98 | 98 | 36 | 25 | 0 |
| May 2007 | 97 | 76 | 32 | 26 | 5 | 94 | 49 | 49 | 49 | 11 | 96 | 96 | 19 | 7 | 0 |
| May 2008 | 96 | 70 | 22 | 16 | 2 | 92 | 34 | 34 | 34 | 4 | 95 | 95 | 11 | 1 | 0 |
| May 2009 | 95 | 63 | 15 | 10 | 1 | 89 | 21 | 21 | 21 | 1 | 93 | 92 | 8 | 1 | 0 |
| May 2010 | 94 | 57 | 10 | 6 | 0 | 87 | 13 | 13 | 13 | 1 | 92 | 86 | 6 | 1 | 0 |
| May 2011 | 92 | 52 | 7 | 4 | 0 | 84 | 8 | 8 | 8 | 0 | 90 | 78 | 4 | 1 | 0 |
| May 2012 | 91 | 47 | 4 | 3 | 0 | 81 | 5 | 5 | 5 | 0 | 88 | 68 | 2 | 1 | 0 |
| May 2013 | 89 | 42 | 3 | 2 | 0 | 77 | 3 | 3 | 3 | 0 | 86 | 58 | 1 | 1 | 0 |
| May 2014 | 88 | 38 | 2 | 1 | 0 | 73 | 1 | 1 | 1 | 0 | 84 | 48 | 0 | 1 | 0 |
| May 2015 | 86 | 34 | 1 | 1 | 0 | 69 | 1 | 1 | 1 | 0 | 82 | 38 | 0 | 1 | 0 |
| May 2016 | 84 | 31 | 1 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 80 | 28 | 0 | 1 | 0 |
| May 2017 | 82 | 27 | 1 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 78 | 18 | 0 | 1 | 0 |
| May 2018 | 79 | 24 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 75 | 9 | 0 | 0 | 0 |
| May 2019 | 77 | 21 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 0 | 0 |
| May 2020 | 74 | 19 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 |
| May 2021 | 71 | 16 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 |
| May 2022 | 68 | 14 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 0 | 0 |
| May 2023 | 64 | 12 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 |
| May 2024 | 60 | 10 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 |
| May 2025 | 56 | 8 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 |
| May 2026 | 52 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 |
| May 2027 | 47 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| May 2028 | 42 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| May 2029 | 36 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2030 | 30 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) | 20.5 | 9.1 | 2.6 | 2.2 | 1.1 | 13.8 | 3.3 | 3.3 | 3.3 | 1.8 | 18.3 | 9.6 | 2.1 | 1.5 | 0.5 |

Security Group 2
PSA Prepayment Assumption Rates

| Distribution Date | SA Prepayment Assumption Rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class SV |  |  |  |  | Class ZB |  |  |  |  | Class ZC |  |  |  |  |
|  | 0\% | 125\% | 521\% | 600\% | 1050\% | 0\% | 125\% | 521\% | 600\% | 1050\% | 0\% | 125\% | 521\% | 600\% | 1050\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 99 | 91 | 70 | 66 | 43 | 106 | 106 | 0 | 0 | 0 | 106 | 106 | 106 | 0 | 0 |
| May 2006 | 98 | 82 | 48 | 43 | 16 | 112 | 112 | 0 | 0 | 0 | 112 | 112 | 112 | 0 | 0 |
| May 2007 | 97 | 74 | 33 | 28 | 6 | 118 | 118 | 0 | 0 | 0 | 118 | 118 | 118 | 0 | 0 |
| May 2008 | 96 | 67 | 23 | 18 | 2 | 125 | 125 | 0 | 0 | 0 | 125 | 125 | 125 | 0 | 0 |
| May 2009 | 95 | 60 | 15 | 11 | 1 | 132 | 132 | 0 | 0 | 0 | 132 | 132 | 132 | 0 | 0 |
| May 2010 | 93 | 54 | 10 | 7 | 0 | 139 | 139 | 0 | 0 | 0 | 139 | 139 | 139 | 0 | 0 |
| May 2011 | 92 | 48 | 7 | 4 | 0 | 147 | 147 | 0 | 0 | 0 | 147 | 147 | 147 | 0 | 0 |
| May 2012 | 90 | 43 | 4 | 3 | 0 | 155 | 155 | 0 | 0 | 0 | 155 | 155 | 155 | 0 | 0 |
| May 2013 | 88 | 39 | 3 | 2 | 0 | 164 | 164 | 0 | 0 | 0 | 164 | 164 | 164 | 0 | 0 |
| May 2014 | 87 | 35 | 2 | 1 | 0 | 173 | 173 | 0 | 0 | 0 | 173 | 173 | 153 | 0 | 0 |
| May 2015 | 84 | 31 | 1 | 1 | 0 | 183 | 183 | 0 | 0 | 0 | 183 | 183 | 119 | 0 | 0 |
| May 2016 | 82 | 28 | 1 | 0 | 0 | 193 | 193 | 0 | 0 | 0 | 193 | 193 | 94 | 0 | 0 |
| May 2017 | 80 | 25 | 1 | 0 | 0 | 204 | 204 | 0 | 0 | 0 | 204 | 204 | 68 | 0 | 0 |
| May 2018 | 77 | 22 | 0 | 0 | 0 | 216 | 216 | 0 | 0 | 0 | 216 | 216 | 45 | 0 | 0 |
| May 2019 | 74 | 20 | 0 | 0 | 0 | 228 | 227 | 0 | 0 | 0 | 228 | 228 | 30 | 0 | 0 |
| May 2020 | 71 | 17 | 0 | 0 | 0 | 241 | 196 | 0 | 0 | 0 | 241 | 241 | 19 | 0 | 0 |
| May 2021 | 68 | 15 | 0 | 0 | 0 | 254 | 166 | 0 | 0 | 0 | 254 | 254 | 12 | 0 | 0 |
| May 2022 | 65 | 13 | 0 | 0 | 0 | 269 | 138 | 0 | 0 | 0 | 269 | 269 | 8 | 0 | 0 |
| May 2023 | 61 | 11 | 0 | 0 | 0 | 284 | 113 | 0 | 0 | 0 | 284 | 284 | 5 | 0 | 0 |
| May 2024 | 57 | 9 | 0 | 0 | 0 | 300 | 89 | 0 | 0 | 0 | 300 | 300 | 3 | 0 | 0 |
| May 2025 | 52 | 8 | 0 | 0 | 0 | 317 | 67 | 0 | 0 | 0 | 317 | 317 | 2 | 0 | 0 |
| May 2026 | 48 | 6 | 0 | 0 | 0 | 334 | 46 | 0 | 0 | 0 | 334 | 334 | 1 | 0 | 0 |
| May 2027 | 43 | 5 | 0 | 0 | 0 | 353 | 27 | 0 | 0 | 0 | 353 | 353 | 1 | 0 | 0 |
| May 2028 | 38 | 4 | 0 | 0 | 0 | 373 | 9 | 0 | 0 | 0 | 373 | 373 | 0 | 0 | 0 |
| May 2029 | 33 | 2 | 0 | 0 | 0 | 383 | 0 | 0 | 0 | 0 | 394 | 318 | 0 | 0 | 0 |
| May 2030 | 28 | 1 | 0 | 0 | 0 | 309 | 0 | 0 | 0 | 0 | 417 | 183 | 0 | 0 | 0 |
| May 2031 | 21 | 0 | 0 | 0 | 0 | 229 | 0 | 0 | 0 | 0 | 440 | 58 | 0 | 0 | 0 |
| May 2032 | 15 | 0 | 0 | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 465 | 0 | 0 | 0 | 0 |
| May 2033 | 8 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 491 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) ... | 19.9 | 8.6 | 2.7 | 2.3 | 1.1 | 27.4 | 19.3 | 0.3 | 0.3 | 0.1 | 29.8 | 26.0 | 12.8 | 0.1 | 0.1 |

Security Group 3
PSA Prepayment Assumption Rates

|  | Class KA |  |  |  |  | Classes PF, PS and QK |  |  |  |  | Class PO |  |  |  |  | Class QL |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distribution Date | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 98 | 92 | 92 | 92 | 92 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 96 | 81 | 81 | 81 | 81 | 100 | 100 | 100 | 100 | 3 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 100 | 100 | 100 | 100 | 4 | 94 | 71 | 71 | 71 | 71 | 100 | 100 | 100 | 29 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 100 | 100 | 100 | 92 | 0 | 92 | 61 | 61 | 61 | 53 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 100 | 100 | 100 | 41 | 0 | 89 | 52 | 52 | 52 | 39 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2010 | 100 | 100 | 100 | 12 | 0 | 87 | 43 | 43 | 43 | 28 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2011 | 100 | 100 | 100 | 1 | 0 | 84 | 35 | 35 | 35 | 21 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2012 | 100 | 98 | 98 | 0 | 0 | 81 | 28 | 28 | 28 | 15 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2013 | 100 | 90 | 90 | 0 | 0 | 78 | 22 | 22 | 22 | 11 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2014 | 100 | 82 | 82 | 0 | 0 | 75 | 17 | 17 | 17 | 7 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2015 | 100 | 73 | 73 | 0 | 0 | 71 | 13 | 13 | 13 | 5 | 100 | 100 | 92 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2016 | 100 | 64 | 64 | 0 | 0 | 67 | 10 | 10 | 10 | 3 | 100 | 100 | 85 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2017 | 100 | 56 | 56 | 0 | 0 | 63 | 8 | 8 | 8 | 2 | 100 | 100 | 77 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2018 | 100 | 49 | 49 | 0 | 0 | 59 | 6 | 6 | 6 | 1 | 100 | 100 | 69 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2019 | 100 | 42 | 42 | 0 | 0 | 55 | 4 | 4 | 4 | 0 | 100 | 100 | 61 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| May 2020 | 100 | 36 | 36 | 0 | 0 | 50 | 3 | 3 | 3 | 0 | 100 | 100 | 54 | 0 | 0 | 100 | 100 | 100 | 100 | 85 |
| May 2021 | 100 | 30 | 30 | 0 | 0 | 45 | 2 | 2 | 2 | 0 | 100 | 100 | 47 | 0 | 0 | 100 | 100 | 100 | 100 | 61 |
| May 2022 | 100 | 25 | 25 | 0 | 0 | 40 | 1 | 1 | 1 | 0 | 100 | 100 | 40 | 0 | 0 | 100 | 100 | 100 | 100 | 43 |
| May 2023 | 100 | 20 | 20 | 0 | 0 | 34 | 0 | 0 | 0 | 0 | 100 | 100 | 34 | 0 | 0 | 100 | 100 | 100 | 100 | 31 |
| May 2024 | 100 | 17 | 17 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 100 | 100 | 29 | 0 | 0 | 100 | 95 | 95 | 95 | 21 |
| May 2025 | 100 | 13 | 13 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 100 | 100 | 24 | 0 | 0 | 100 | 71 | 71 | 71 | 15 |
| May 2026 | 100 | 10 | 10 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 100 | 100 | 19 | 0 | 0 | 100 | 52 | 52 | 52 | 10 |
| May 2027 | 100 | 8 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 100 | 100 | 15 | 0 | 0 | 100 | 37 | 37 | 37 | 7 |
| May 2028 | 100 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 89 | 12 | 0 | 0 | 100 | 25 | 25 | 25 | 4 |
| May 2029 | 33 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 68 | 8 | 0 | 0 | 17 | 17 | 17 | 17 | 3 |
| May 2030 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 47 | 6 | 0 | 0 | 10 | 10 | 10 | 10 | 1 |
| May 2031 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 28 | 3 | 0 | 0 | 5 | 5 | 5 | 5 | 1 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 9 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Security Group 3
PSA Prepayment Assumption Rates

| Distribution Date |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class WM |  |  |  |  | Classes WN, WU and WY |  |  |  |  | Class WP |  |  |  |  | Class WT |  |  |  |  |
|  | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 81 | 58 | 35 | 100 | 100 | 84 | 84 | 84 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 57 | 8 | 0 | 100 | 100 | 63 | 63 | 63 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 5 |
| May 2007 | 100 | 100 | 38 | 0 | 0 | 100 | 100 | 45 | 45 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 54 | 0 |
| May 2008 | 100 | 100 | 24 | 0 | 0 | 100 | 100 | 30 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2009 | 100 | 100 | 14 | 0 | 0 | 100 | 100 | 18 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2010 | 100 | 100 | 7 | 0 | 0 | 100 | 100 | 9 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2011 | 100 | 100 | 3 | 0 | 0 | 100 | 100 | 2 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2012 | 100 | 100 | 1 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2013 | 100 | 100 | 1 | 0 | 0 | 100 | 94 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2014 | 100 | 100 | 0 | 0 | 0 | 100 | 76 | 0 | 0 | 0 | 100 | 100 | 99 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2015 | 100 | 100 | 0 | 0 | 0 | 100 | 49 | 0 | 0 | 0 | 100 | 100 | 75 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2016 | 100 | 100 | 0 | 0 | 0 | 100 | 15 | 0 | 0 | 0 | 100 | 100 | 50 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2017 | 100 | 99 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 24 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2018 | 100 | 90 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2019 | 100 | 81 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2020 | 100 | 71 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2021 | 100 | 61 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 88 | 0 | 0 |
| May 2022 | 100 | 51 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 75 | 0 | 0 |
| May 2023 | 100 | 42 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 64 | 0 | 0 |
| May 2024 | 100 | 32 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 54 | 0 | 0 |
| May 2025 | 100 | 23 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 45 | 0 | 0 |
| May 2026 | 100 | 13 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 36 | 0 | 0 |
| May 2027 | 100 | 4 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 28 | 0 | 0 |
| May 2028 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 65 | 0 | 0 | 0 | 100 | 100 | 22 | 0 | 0 |
| May 2029 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 16 | 0 | 0 |
| May 2030 | 100 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 89 | 10 | 0 | 0 |
| May 2031 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 52 | 6 | 0 | 0 |
| May 2032 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 17 | 2 | 0 | 0 |
| May 2033 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

$\begin{array}{llllllllllllllllllllllllll}\text { Life (years) } \ldots \ldots \ldots & 27.6 & 18.2 & 2.7 & 1.1 & 0.8 & 25.7 & 10.8 & 3.0 & 2.4 & 1.7 & 29.2 & 24.2 & 12.0 & 2.4 & 1.5 & 29.8 & 27.1 & 21.0 & 3.0 & 1.9\end{array}$

| $\underline{\text { Distribution Date }}$ | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class WV |  |  |  |  | Class WX |  |  |  |  | Class XC |  |  |  |  | Class XD |  |  |  |  |
|  | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% | 0\% | 100\% | 200\% | 300\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 77 | 77 | 58 | 100 | 100 | 86 | 28 | 0 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 49 | 14 | 0 | 100 | 100 | 69 | 0 | 0 |
| May 2007 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 26 | 0 | 0 | 100 | 100 | 56 | 0 | 0 |
| May 2008 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 9 | 0 | 0 | 100 | 100 | 47 | 0 | 0 |
| May 2009 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 35 | 0 | 0 |
| May 2010 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 18 | 0 | 0 |
| May 2011 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 7 | 0 | 0 |
| May 2012 | 100 | 100 | 83 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 3 | 0 | 0 |
| May 2013 | 100 | 100 | 38 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 2 | 0 | 0 |
| May 2014 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2015 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2016 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2017 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 98 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2018 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 96 | 0 | 0 | 100 | 84 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2019 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 48 | 0 | 0 | 100 | 68 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2020 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 2 | 0 | 0 | 100 | 52 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2021 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 36 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2022 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 19 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2023 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 3 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2024 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 80 | 0 | 0 | 0 |
| May 2025 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 56 | 0 | 0 | 0 |
| May 2026 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 33 | 0 | 0 | 0 |
| May 2027 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 11 | 0 | 0 | 0 |
| May 2028 | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2029 | 100 | 0 | 0 | 0 | 0 | 100 | 90 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2030 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 26.1 | 12.7 | 8.7 | 3.8 | 2.3 | 29.4 | 25.3 | 15.0 | 2.6 | 1.7 | 27.1 | 16.1 | 2.1 | 1.4 | 1.0 | 28.5 | 21.3 | 3.7 | 0.7 | 0.4 |

Security Group 4

| $\underline{\text { Distribution Date }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Classes CD, CE, CH, CK, CL, } \\ \text { CM and CO } \end{gathered}$ |  |  |  |  | Class IB |  |  |  |  | Class PC |  |  |  |  | Class PD |  |  |  |  |
|  | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 96 | 89 | 89 | 89 | 89 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 93 | 71 | 71 | 71 | 71 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 100 | 100 | 100 | 100 | 0 | 89 | 47 | 47 | 47 | 20 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 100 | 100 | 100 | 100 | 0 | 84 | 25 | 25 | 25 | 1 | 100 | 100 | 100 | 100 | 13 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 100 | 100 | 100 | 85 | 0 | 80 | 10 | 10 | 10 | 0 | 100 | 87 | 87 | 87 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2010 | 100 | 100 | 100 | 42 | 0 | 75 | 5 | 5 | 5 | 0 | 100 | 48 | 48 | 48 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2011 | 100 | 100 | 94 | 16 | 0 | 69 | 1 | 1 | 1 | 0 | 100 | 11 | 11 | 11 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2012 | 100 | 100 | 79 | 3 | 0 | 64 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 47 | 47 | 47 | 0 |
| May 2013 | 100 | 100 | 74 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2014 | 100 | 100 | 69 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2015 | 100 | 100 | 65 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2016 | 100 | 100 | 59 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2017 | 100 | 100 | 54 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2018 | 100 | 100 | 48 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2019 | 100 | 100 | 43 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 98 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2020 | 100 | 100 | 38 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2021 | 100 | 100 | 33 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2022 | 100 | 100 | 28 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2023 | 100 | 100 | 24 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2024 | 100 | 100 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 |
| May 2025 | 100 | 100 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2026 | 100 | 100 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2027 | 100 | 100 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2028 | 100 | 100 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2029 | 100 | 100 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2030 | 100 | 79 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 100 | 56 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 100 | 33 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 100 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 29.7 | 27.3 | 14.5 | 6.0 | 2.2 | 9.7 | 3.0 | 3.0 | 3.0 | 2.4 | 17.2 | 6.0 | 6.0 | 6.0 | 3.6 | 20.1 | 8.0 | 8.0 | 8.0 | 4.5 |


| $\underline{\text { Distribution Date }}$ | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class PE |  |  |  |  | Classes PG, QI and QO |  |  |  |  | Classes PL and PN |  |  |  |  | Classes PU and PV |  |  |  |  |
|  | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 96 | 88 | 88 | 88 | 88 | 97 | 92 | 92 | 92 | 92 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 92 | 67 | 67 | 67 | 67 | 95 | 79 | 79 | 79 | 79 |
| May 2007 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 87 | 41 | 41 | 41 | 10 | 92 | 62 | 62 | 62 | 42 |
| May 2008 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 82 | 16 | 16 | 16 | 0 | 89 | 46 | 46 | 46 | 5 |
| May 2009 | 100 | 100 | 100 | 100 | 87 | 100 | 100 | 100 | 100 | 100 | 77 | 0 | 0 | 0 | 0 | 85 | 31 | 31 | 31 | 0 |
| May 2010 | 100 | 100 | 100 | 100 | 44 | 100 | 100 | 100 | 100 | 100 | 72 | 0 | 0 | 0 | 0 | 82 | 17 | 17 | 17 | 0 |
| May 2011 | 100 | 100 | 100 | 100 | 14 | 100 | 100 | 100 | 100 | 100 | 66 | 0 | 0 | 0 | 0 | 78 | 4 | 4 | 4 | 0 |
| May 2012 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 87 | 59 | 0 | 0 | 0 | 0 | 74 | 0 | 0 | 0 | 0 |
| May 2013 | 100 | 90 | 90 | 90 | 0 | 100 | 100 | 100 | 100 | 59 | 52 | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 0 |
| May 2014 | 100 | 66 | 66 | 66 | 0 | 100 | 100 | 100 | 100 | 40 | 45 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 |
| May 2015 | 100 | 45 | 45 | 45 | 0 | 100 | 100 | 100 | 100 | 28 | 37 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 |
| May 2016 | 100 | 28 | 28 | 28 | 0 | 100 | 100 | 100 | 100 | 19 | 28 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 |
| May 2017 | 100 | 14 | 14 | 14 | 0 | 100 | 100 | 100 | 100 | 13 | 19 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 |
| May 2018 | 100 | 2 | 2 | 2 | 0 | 100 | 100 | 100 | 100 | 9 | 9 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 |
| May 2019 | 100 | 0 | 0 | 0 | 0 | 100 | 85 | 85 | 85 | 6 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 |
| May 2020 | 100 | 0 | 0 | 0 | 0 | 100 | 69 | 69 | 69 | 4 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| May 2021 | 100 | 0 | 0 | 0 | 0 | 100 | 56 | 56 | 56 | 3 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 |
| May 2022 | 100 | 0 | 0 | 0 | 0 | 100 | 45 | 45 | 45 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 |
| May 2023 | 100 | 0 | 0 | 0 | 0 | 100 | 36 | 36 | 36 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| May 2024 | 100 | 0 | 0 | 0 | 0 | 100 | 28 | 28 | 28 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2025 | 97 | 0 | 0 | 0 | 0 | 100 | 22 | 22 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2026 | 71 | 0 | 0 | 0 | 0 | 100 | 17 | 17 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2027 | 42 | 0 | 0 | 0 | 0 | 100 | 13 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2028 | 11 | 0 | 0 | 0 | 0 | 100 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 58 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) | 22.7 | 11.0 | 11.0 | 11.0 | 6.0 | 25.2 | 18.5 | 18.5 | 18.5 | 10.2 | 8.7 | 2.6 | 2.6 | 2.6 | 2.2 | 11.8 | 3.8 | 3.8 | 3.8 | 2.7 |

Security Group
PSA Prepayment Assumption Rates

| Distribution Date | Classes WA, WK and WL |  |  |  |  | Class WB |  |  |  |  | Class WC |  |  |  |  | Class WD |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 87 | 84 | 54 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 60 | 50 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2007 | 100 | 100 | 29 | 11 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2008 | 100 | 100 | 5 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 67 | 0 |
| May 2009 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 30 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2010 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 22 | 0 | 0 |
| May 2011 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2012 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2013 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2014 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2015 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2016 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2017 | 100 | 98 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2018 | 100 | 89 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2019 | 100 | 79 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2020 | 100 | 68 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2021 | 100 | 58 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2022 | 100 | 47 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2023 | 100 | 36 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2024 | 100 | 25 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2025 | 100 | 14 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2026 | 100 | 4 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2027 | 100 | 0 | 0 | 0 | 0 | 100 | 8 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2028 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 84 | 0 | 0 | 0 |
| May 2029 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 10 | 0 | 0 | 0 |
| May 2030 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2031 | 73 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2032 | 31 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 27.6 | 17.7 | 2.3 | 1.9 | 1.0 | 28.8 | 22.7 | 4.5 | 3.5 | 1.7 | 28.9 | 23.4 | 4.9 | 3.7 | 1.8 | 29.1 | 24.5 | 5.7 | 4.1 | 1.9 |


| Distribution Date |  |  |  |  |  |  |  |  | Pr | yme | dss |  | es |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class WE |  |  |  |  | Class WG |  |  |  |  | Class WH |  |  |  |  | Class WJ |  |  |  |  |
|  | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 91 | 91 | 91 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 89 | 89 | 77 | 100 | 100 | 82 | 70 | 0 |
| May 2006 | 100 | 100 | 72 | 72 | 7 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 67 | 67 | 0 | 100 | 100 | 45 | 9 | 0 |
| May 2007 | 100 | 100 | 47 | 47 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 40 | 15 | 0 | 100 | 100 | 4 | 0 | 0 |
| May 2008 | 100 | 100 | 27 | 27 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 8 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2009 | 100 | 100 | 10 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2010 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 90 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2011 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2012 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2013 | 100 | 99 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2014 | 100 | 84 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2015 | 100 | 54 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2016 | 100 | 11 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2017 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 98 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2018 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 84 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2019 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 70 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2020 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2021 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 39 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2022 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 24 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2023 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 8 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2024 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 83 | 0 | 0 | 0 |
| May 2025 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 47 | 0 | 0 | 0 |
| May 2026 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 12 | 0 | 0 | 0 |
| May 2027 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2028 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2029 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2030 | 47 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 26.0 | 11.0 | 3.0 | 2.9 | 1.8 | 26.3 | 12.5 | 6.4 | 4.6 | 2.1 | 27.2 | 16.3 | 2.5 | 2.2 | 1.2 | 28.4 | 20.9 | 1.8 | 1.3 | 0.5 |

Security Group 5
PSA Prepayment Assumption Rates

| Distribution Date | Classes SB, SC, SW and YH 5.5\% LIBOR and below |  |  |  |  | $\begin{gathered} \hline \text { Classes SB, SC, SW and YH } \\ 5.75 \% \text { LIBOR } \\ \hline \end{gathered}$ |  |  |  |  | Classes SB, SC, SW and YH 6.0\% LIBOR and above |  |  |  |  | Class SY |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 236\% | 350\% | 500\% | 0\% | 100\% | 236\% | 350\% | 500\% | 0\% | 100\% | 236\% | 350\% | 500\% | 0\% | 100\% | 236\% | 350\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 93 | 93 | 88 | 88 | 88 | 96 | 96 | 88 | 88 | 88 | 99 | 99 | 88 | 88 | 88 | 100 | 100 | 92 | 82 | 78 |
| May 2006 | 85 | 85 | 69 | 69 | 69 | 92 | 92 | 69 | 69 | 69 | 99 | 99 | 69 | 69 | 69 | 100 | 100 | 76 | 50 | 42 |
| May 2007 | 77 | 77 | 46 | 35 | 21 | 89 | 89 | 46 | 35 | 21 | 99 | 99 | 46 | 35 | 21 | 100 | 100 | 57 | 18 | 11 |
| May 2008 | 68 | 68 | 25 | 0 | 0 | 85 | 85 | 25 | 0 | 0 | 99 | 99 | 25 | 0 | 0 | 100 | 100 | 44 | 0 | 0 |
| May 2009 | 58 | 58 | 7 | 0 | 0 | 81 | 81 | 7 | 0 | 0 | 99 | 99 | 8 | 0 | 0 | 100 | 100 | 35 | 0 | 0 |
| May 2010 | 48 | 48 | 0 | 0 | 0 | 76 | 76 | 0 | 0 | 0 | 99 | 99 | 0 | 0 | 0 | 100 | 100 | 29 | 0 | 0 |
| May 2011 | 36 | 36 | 0 | 0 | 0 | 72 | 72 | 0 | 0 | 0 | 99 | 99 | 0 | 0 | 0 | 100 | 100 | 25 | 0 | 0 |
| May 2012 | 24 | 24 | 0 | 0 | 0 | 67 | 67 | 0 | 0 | 0 | 99 | 99 | 0 | 0 | 0 | 100 | 100 | 16 | 0 | 0 |
| May 2013 | 11 | 0 | 0 | 0 | 0 | 63 | 51 | 0 | 0 | 0 | 99 | 88 | 0 | 0 | 0 | 100 | 94 | 0 | 0 | 0 |
| May 2014 | 0 | 0 | 0 | 0 | 0 | 58 | 17 | 0 | 0 | 0 | 99 | 59 | 0 | 0 | 0 | 100 | 79 | 0 | 0 | 0 |
| May 2015 | 0 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 99 | 31 | 0 | 0 | 0 | 100 | 64 | 0 | 0 | 0 |
| May 2016 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 99 | 5 | 0 | 0 | 0 | 100 | 51 | 0 | 0 | 0 |
| May 2017 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 38 | 0 | 0 | 0 |
| May 2018 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 26 | 0 | 0 | 0 |
| May 2019 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 15 | 0 | 0 | 0 |
| May 2020 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 5 | 0 | 0 | 0 |
| May 2021 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2022 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2023 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2024 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 0 | 0 | 0 | 0 | 94 | 0 | 0 | 0 | 0 |
| May 2025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 0 | 0 |
| May 2026 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 0 |
| May 2027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 5.5 | 5.4 | 2.9 | 2.5 | 2.3 | 10.9 | 7.8 | 2.9 | 2.5 | 2.3 | 21.2 | 10.3 | 2.9 | 2.5 | 2.3 | 22.7 | 12.2 | 4.3 | 2.0 | 1.8 |


| Distribution Date | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class SZ5.5\% LIBOR and below |  |  |  |  | $\begin{gathered} \text { Class SZ } \\ \text { 5.75\% LIBOR } \end{gathered}$ |  |  |  |  | Class SZ$\mathbf{6 . 0 \%}$ LIBOR and above |  |  |  |  |
|  | 0\% | 100\% | 236\% | 350\% | 500\% | 0\% | 100\% | 236\% | 350\% | 500\% | 0\% | 100\% | 236\% | 350\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 108 | 108 | 96 | 76 | 66 | 104 | 104 | 96 | 76 | 66 | 101 | 101 | 96 | 76 | 66 |
| May 2006 | 116 | 116 | 82 | 30 | 12 | 108 | 108 | 82 | 30 | 12 | 101 | 101 | 82 | 30 | 12 |
| May 2007 | 125 | 125 | 70 | 0 | 0 | 112 | 112 | 70 | 0 | 0 | 101 | 101 | 70 | 0 | 0 |
| May 2008 | 135 | 135 | 65 | 0 | 0 | 117 | 117 | 65 | 0 | 0 | 101 | 101 | 65 | 0 | 0 |
| May 2009 | 145 | 145 | 65 | 0 | 0 | 121 | 121 | 65 | 0 | 0 | 101 | 101 | 64 | 0 | 0 |
| May 2010 | 157 | 157 | 60 | 0 | 0 | 126 | 126 | 60 | 0 | 0 | 101 | 101 | 60 | 0 | 0 |
| May 2011 | 169 | 169 | 51 | 0 | 0 | 130 | 130 | 51 | 0 | 0 | 101 | 101 | 51 | 0 | 0 |
| May 2012 | 182 | 182 | 34 | 0 | 0 | 135 | 135 | 34 | 0 | 0 | 101 | 101 | 34 | 0 | 0 |
| May 2013 | 196 | 196 | 0 | 0 | 0 | 141 | 141 | 0 | 0 | 0 | 101 | 101 | 0 | 0 | 0 |
| May 2014 | 208 | 164 | 0 | 0 | 0 | 146 | 146 | 0 | 0 | 0 | 101 | 101 | 0 | 0 | 0 |
| May 2015 | 208 | 134 | 0 | 0 | 0 | 151 | 134 | 0 | 0 | 0 | 101 | 101 | 0 | 0 | 0 |
| May 2016 | 208 | 106 | 0 | 0 | 0 | 157 | 106 | 0 | 0 | 0 | 101 | 101 | 0 | 0 | 0 |
| May 2017 | 208 | 80 | 0 | 0 | 0 | 163 | 80 | 0 | 0 | 0 | 101 | 80 | 0 | 0 | 0 |
| May 2018 | 208 | 55 | 0 | 0 | 0 | 169 | 55 | 0 | 0 | 0 | 101 | 55 | 0 | 0 | 0 |
| May 2019 | 208 | 31 | 0 | 0 | 0 | 176 | 31 | 0 | 0 | 0 | 101 | 31 | 0 | 0 | 0 |
| May 2020 | 208 | 10 | 0 | 0 | 0 | 183 | 10 | 0 | 0 | 0 | 101 | 10 | 0 | 0 | 0 |
| May 2021 | 208 | 0 | 0 | 0 | 0 | 190 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 |
| May 2022 | 208 | 0 | 0 | 0 | 0 | 197 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 |
| May 2023 | 208 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 |
| May 2024 | 196 | 0 | 0 | 0 | 0 | 196 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 |
| May 2025 | 164 | 0 | 0 | 0 | 0 | 164 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 |
| May 2026 | 131 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 |
| May 2027 | 95 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 |
| May 2028 | 58 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 |
| May 2029 | 18 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) . | 22.7 | 12.5 | 5.8 | 1.6 | 1.3 | 22.7 | 13.3 | 5.8 | 1.6 | 1.3 | 24.2 | 14.3 | 5.8 | 1.6 | 1.3 |

Security Group 6
PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ |  |  |  |  |  | Classes IA, OA, OE, OG, OL and $O M$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class CG |  |  |  |  |  |  |  |  |  | Class OB |  |  |  |  |
|  | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 100 | 100 | 46 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 100 | 100 | 61 | 61 | 0 | 100 | 84 | 82 | 82 | 2 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 100 | 100 | 52 | 52 | 0 | 100 | 48 | 45 | 45 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2009 | 100 | 100 | 44 | 44 | 0 | 100 | 14 | 11 | 11 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2010 | 100 | 100 | 37 | 34 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 57 | 47 | 47 | 0 |
| May 2011 | 100 | 100 | 30 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2012 | 100 | 100 | 23 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2013 | 100 | 100 | 19 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2014 | 100 | 100 | 16 | 0 | 0 | 83 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2015 | 100 | 70 | 3 | 0 | 0 | 69 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2016 | 100 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2017 | 100 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2018 | 100 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2019 | 100 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2020 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 |
| May 2021 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| May 2022 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2023 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2024 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2025 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2026 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) . . . | 21.9 | 11.1 | 5.4 | 4.4 | 2.0 | 12.2 | 4.0 | 3.9 | 3.9 | 2.5 | 16.3 | 6.1 | 6.0 | 6.0 | 3.3 |

PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class OC |  |  |  |  | Class OD |  |  |  |  |
|  | 0\% | 100\% | 220\% | 250\% | 500\% | 0\% | 100\% | 220\% | 250\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 100 | 100 | 100 | 100 | 61 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 85 |
| May 2010 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2011 | 100 | 92 | 86 | 86 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2012 | 100 | 55 | 48 | 45 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2013 | 100 | 20 | 13 | 11 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2014 | 100 | 0 | 0 | 0 | 0 | 100 | 65 | 58 | 54 | 0 |
| May 2015 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2016 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2017 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2018 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2019 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2020 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2021 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2022 | 79 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2023 | 49 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2024 | 17 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2025 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 |
| May 2026 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years) | 19.0 | 8.2 | 8.0 | 7.9 | 4.2 | 21.1 | 10.2 | 10.2 | 10.1 | 5.3 |

Security Group 7
PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ | Class DA |  |  |  |  | Class DB |  |  |  |  | Class DC |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 75\% | 151\% | 250\% | 400\% | 0\% | 75\% | 151\% | 250\% | 400\% | 0\% | 75\% | 151\% | 250\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 95 | 85 | 75 | 63 | 44 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 89 | 63 | 38 | 8 | 0 | 100 | 100 | 100 | 100 | 78 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 83 | 40 | 2 | 0 | 0 | 100 | 100 | 100 | 73 | 37 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 76 | 19 | 0 | 0 | 0 | 100 | 100 | 81 | 47 | 6 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 69 | 0 | 0 | 0 | 0 | 100 | 99 | 63 | 25 | 0 | 100 | 100 | 100 | 100 | 52 |
| May 2010 | 62 | 0 | 0 | 0 | 0 | 100 | 87 | 47 | 7 | 0 | 100 | 100 | 100 | 100 | 4 |
| May 2011 | 54 | 0 | 0 | 0 | 0 | 100 | 75 | 32 | 0 | 0 | 100 | 100 | 100 | 76 | 0 |
| May 2012 | 46 | 0 | 0 | 0 | 0 | 100 | 64 | 19 | 0 | 0 | 100 | 100 | 100 | 40 | 0 |
| May 2013 | 38 | 0 | 0 | 0 | 0 | 100 | 54 | 7 | 0 | 0 | 100 | 100 | 100 | 9 | 0 |
| May 2014 | 29 | 0 | 0 | 0 | 0 | 100 | 44 | 0 | 0 | 0 | 100 | 100 | 90 | 0 | 0 |
| May 2015 | 19 | 0 | 0 | 0 | 0 | 100 | 34 | 0 | 0 | 0 | 100 | 100 | 63 | 0 | 0 |
| May 2016 | 9 | 0 | 0 | 0 | 0 | 100 | 25 | 0 | 0 | 0 | 100 | 100 | 39 | 0 | 0 |
| May 2017 | 0 | 0 | 0 | 0 | 0 | 99 | 16 | 0 | 0 | 0 | 100 | 100 | 17 | 0 | 0 |
| May 2018 | 0 | 0 | 0 | 0 | 0 | 92 | 8 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2019 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 100 | 99 | 0 | 0 | 0 |
| May 2020 | 0 | 0 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 0 | 100 | 77 | 0 | 0 | 0 |
| May 2021 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 100 | 57 | 0 | 0 | 0 |
| May 2022 | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 | 100 | 37 | 0 | 0 | 0 |
| May 2023 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 100 | 18 | 0 | 0 | 0 |
| May 2024 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2025 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2026 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2027 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) . | 7.2 | 2.6 | 1.7 | 1.2 | 0.9 | 19.0 | 9.6 | 6.0 | 4.0 | 2.7 | 25.4 | 17.4 | 11.6 | 7.8 | 5.1 |

PSA Prepayment Assumption Rates

| Distribution Date | Class DE |  |  |  |  | Class DM |  |  |  |  | Class DN |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 75\% | 151\% | 250\% | 400\% | 0\% | 75\% | 151\% | 250\% | 400\% | 0\% | 75\% | 151\% | 250\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 97 |
| May 2010 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 8 |
| May 2011 | 100 | 100 | 100 | 100 | 77 | 100 | 100 | 100 | 47 | 0 | 100 | 100 | 100 | 100 | 0 |
| May 2012 | 100 | 100 | 100 | 100 | 57 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 73 | 0 |
| May 2013 | 100 | 100 | 100 | 100 | 42 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 17 | 0 |
| May 2014 | 100 | 100 | 100 | 88 | 31 | 100 | 100 | 78 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2015 | 100 | 100 | 100 | 73 | 23 | 100 | 100 | 20 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2016 | 100 | 100 | 100 | 60 | 17 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 72 | 0 | 0 |
| May 2017 | 100 | 100 | 100 | 49 | 12 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 32 | 0 | 0 |
| May 2018 | 100 | 100 | 98 | 40 | 9 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2019 | 100 | 100 | 85 | 32 | 7 | 100 | 98 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2020 | 100 | 100 | 74 | 26 | 5 | 100 | 51 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2021 | 100 | 100 | 64 | 21 | 3 | 100 | 6 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2022 | 100 | 100 | 54 | 17 | 2 | 100 | 0 | 0 | 0 | 0 | 100 | 68 | 0 | 0 | 0 |
| May 2023 | 100 | 100 | 46 | 13 | 2 | 100 | 0 | 0 | 0 | 0 | 100 | 33 | 0 | 0 | 0 |
| May 2024 | 100 | 100 | 39 | 10 | 1 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2025 | 100 | 87 | 32 | 8 | 1 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2026 | 100 | 74 | 26 | 6 | 1 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2027 | 100 | 62 | 21 | 5 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2028 | 100 | 51 | 16 | 3 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2029 | 100 | 40 | 12 | 2 | 0 | 26 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2030 | 100 | 29 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 |
| May 2031 | 94 | 19 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 64 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) | 28.5 | 24.2 | 19.3 | 14.1 | 9.4 | 24.7 | 16.0 | 10.5 | 7.0 | 4.6 | 26.1 | 18.5 | 12.6 | 8.4 | 5.5 |

Security Group
PSA Prepayment Assumption Rates

| Distribution Date | Classes VI, VK and Vo |  |  |  |  | Class VJ |  |  |  |  | Class ZK |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 75\% | 151\% | 250\% | 400\% | 0\% | 75\% | 151\% | 250\% | 400\% | 0\% | 75\% | 151\% | 250\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 | 93 | 93 | 93 | 93 | 93 | 105 | 105 | 105 | 105 | 105 |
| May 2006 | 100 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 86 | 86 | 110 | 110 | 110 | 110 | 110 |
| May 2007 | 100 | 100 | 100 | 100 | 100 | 78 | 78 | 78 | 78 | 78 | 116 | 116 | 116 | 116 | 116 |
| May 2008 | 100 | 100 | 100 | 100 | 100 | 70 | 70 | 70 | 70 | 70 | 122 | 122 | 122 | 122 | 122 |
| May 2009 | 100 | 100 | 100 | 100 | 100 | 61 | 61 | 61 | 61 | 61 | 128 | 128 | 128 | 128 | 128 |
| May 2010 | 100 | 100 | 100 | 100 | 100 | 52 | 52 | 52 | 52 | 52 | 135 | 135 | 135 | 135 | 135 |
| May 2011 | 100 | 100 | 100 | 100 | 65 | 43 | 43 | 43 | 43 | 0 | 142 | 142 | 142 | 142 | 142 |
| May 2012 | 100 | 100 | 100 | 100 | 0 | 33 | 33 | 33 | 33 | 0 | 149 | 149 | 149 | 149 | 146 |
| May 2013 | 100 | 100 | 100 | 100 | 0 | 22 | 22 | 22 | 22 | 0 | 157 | 157 | 157 | 157 | 108 |
| May 2014 | 100 | 100 | 100 | 74 | 0 | 11 | 11 | 11 | 0 | 0 | 165 | 165 | 165 | 165 | 80 |
| May 2015 | 100 | 100 | 100 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 173 | 173 | 173 | 59 |
| May 2016 | 89 | 89 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 182 | 182 | 154 | 43 |
| May 2017 | 78 | 78 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 | 191 | 191 | 126 | 32 |
| May 2018 | 67 | 67 | 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201 | 201 | 201 | 103 | 23 |
| May 2019 | 55 | 55 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 211 | 211 | 211 | 84 | 17 |
| May 2020 | 42 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 222 | 222 | 191 | 68 | 12 |
| May 2021 | 29 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 234 | 234 | 164 | 54 | 9 |
| May 2022 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 246 | 246 | 140 | 43 | 6 |
| May 2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 258 | 119 | 34 | 4 |
| May 2024 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 257 | 99 | 27 | 3 |
| May 2025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 223 | 82 | 21 | 2 |
| May 2026 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 191 | 67 | 16 | 1 |
| May 2027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 160 | 54 | 12 | 1 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 131 | 42 | 9 | 1 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 102 | 31 | 6 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 75 | 22 | 4 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 243 | 48 | 13 | 2 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 23 | 6 | 1 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) . . | 15.3 | 15.3 | 13.9 | 10.4 | 7.2 | 6.0 | 6.0 | 6.0 | 5.9 | 4.8 | 28.5 | 24.2 | 20.3 | 15.9 | 11.2 |

Security Group 8
PSA Prepayment Assumption Rates

| Distribution Date | Class SL |  |  |  |  | Class SM |  |  |  |  | Class SN |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 150\% | 304\% | 450\% | 650\% | 0\% | 150\% | 304\% | 450\% | 650\% | 0\% | 150\% | 304\% | 450\% | 650\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 87 | 87 | 87 | 100 | 100 | 100 | 87 | 70 | 100 | 100 | 93 | 87 | 79 |
| May 2006 | 100 | 98 | 64 | 64 | 64 | 100 | 100 | 99 | 68 | 28 | 100 | 99 | 82 | 66 | 45 |
| May 2007 | 100 | 97 | 42 | 42 | 42 | 100 | 100 | 99 | 54 | 3 | 100 | 99 | 71 | 48 | 23 |
| May 2008 | 100 | 97 | 29 | 29 | 27 | 100 | 100 | 98 | 48 | 0 | 100 | 98 | 64 | 39 | 13 |
| May 2009 | 100 | 96 | 21 | 21 | 25 | 100 | 100 | 98 | 48 | 0 | 100 | 98 | 60 | 35 | 12 |
| May 2010 | 100 | 80 | 0 | 3 | 15 | 100 | 100 | 98 | 48 | 0 | 100 | 90 | 50 | 26 | 7 |
| May 2011 | 100 | 59 | 0 | 0 | 4 | 100 | 100 | 76 | 33 | 0 | 100 | 80 | 39 | 17 | 2 |
| May 2012 | 100 | 39 | 0 | 0 | 0 | 100 | 100 | 58 | 20 | 0 | 100 | 70 | 29 | 10 | 0 |
| May 2013 | 100 | 22 | 0 | 0 | 0 | 100 | 100 | 44 | 10 | 0 | 100 | 61 | 22 | 5 | 0 |
| May 2014 | 100 | 6 | 0 | 0 | 0 | 100 | 100 | 32 | 3 | 0 | 100 | 53 | 16 | 2 | 0 |
| May 2015 | 100 | 0 | 0 | 0 | 0 | 100 | 91 | 22 | 0 | 0 | 100 | 46 | 11 | 0 | 0 |
| May 2016 | 100 | 0 | 0 | 0 | 0 | 100 | 78 | 14 | 0 | 0 | 100 | 40 | 7 | 0 | 0 |
| May 2017 | 100 | 0 | 0 | 0 | 0 | 100 | 66 | 7 | 0 | 0 | 100 | 34 | 4 | 0 | 0 |
| May 2018 | 100 | 0 | 0 | 0 | 0 | 100 | 55 | 2 | 0 | 0 | 100 | 28 | 1 | 0 | 0 |
| May 2019 | 100 | 0 | 0 | 0 | 0 | 100 | 45 | 0 | 0 | 0 | 100 | 23 | 0 | 0 | 0 |
| May 2020 | 100 | 0 | 0 | 0 | 0 | 100 | 36 | 0 | 0 | 0 | 100 | 18 | 0 | 0 | 0 |
| May 2021 | 99 | 0 | 0 | 0 | 0 | 100 | 28 | 0 | 0 | 0 | 100 | 14 | 0 | 0 | 0 |
| May 2022 | 86 | 0 | 0 | 0 | 0 | 100 | 20 | 0 | 0 | 0 | 93 | 10 | 0 | 0 | 0 |
| May 2023 | 71 | 0 | 0 | 0 | 0 | 100 | 13 | 0 | 0 | 0 | 86 | 7 | 0 | 0 | 0 |
| May 2024 | 56 | 0 | 0 | 0 | 0 | 100 | 6 | 0 | 0 | 0 | 78 | 3 | 0 | 0 | 0 |
| May 2025 | 40 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 |
| May 2026 | 22 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 |
| May 2027 | 4 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) | 20.3 | 7.5 | 3.0 | 3.0 | 3.2 | 25.6 | 14.9 | 9.0 | 4.7 | 1.5 | 23.0 | 11.2 | 6.0 | 3.8 | 2.3 |

Security Group 9
PSA Prepayment Assumption Rates

| Distribution Date | Classes AB, AC and AO |  |  |  |  | Classes AD, AF and AS |  |  |  |  | Class AZ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 191\% | 300\% | 400\% | 0\% | 100\% | 191\% | 300\% | 400\% | 0\% | 100\% | 191\% | 300\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 91 | 77 | 64 | 99 | 99 | 97 | 90 | 75 | 106 | 106 | 56 | 0 | 0 |
| May 2006 | 100 | 100 | 78 | 46 | 18 | 98 | 98 | 92 | 54 | 21 | 113 | 113 | 0 | 0 | 0 |
| May 2007 | 100 | 100 | 67 | 21 | 0 | 97 | 97 | 78 | 25 | 0 | 120 | 120 | 0 | 0 | 0 |
| May 2008 | 100 | 100 | 59 | 5 | 0 | 95 | 95 | 69 | 5 | 0 | 127 | 127 | 0 | 0 | 0 |
| May 2009 | 100 | 100 | 52 | 0 | 0 | 94 | 94 | 61 | 0 | 0 | 135 | 135 | 0 | 0 | 0 |
| May 2010 | 100 | 100 | 48 | 0 | 0 | 93 | 93 | 57 | 0 | 0 | 143 | 143 | 0 | 0 | 0 |
| May 2011 | 100 | 100 | 45 | 0 | 0 | 91 | 91 | 52 | 0 | 0 | 152 | 152 | 0 | 0 | 0 |
| May 2012 | 100 | 100 | 39 | 0 | 0 | 90 | 90 | 45 | 0 | 0 | 161 | 161 | 0 | 0 | 0 |
| May 2013 | 100 | 100 | 32 | 0 | 0 | 88 | 88 | 37 | 0 | 0 | 171 | 171 | 0 | 0 | 0 |
| May 2014 | 100 | 99 | 24 | 0 | 0 | 86 | 85 | 28 | 0 | 0 | 182 | 182 | 0 | 0 | 0 |
| May 2015 | 100 | 90 | 17 | 0 | 0 | 84 | 72 | 19 | 0 | 0 | 193 | 193 | 0 | 0 | 0 |
| May 2016 | 100 | 80 | 9 | 0 | 0 | 82 | 59 | 11 | 0 | 0 | 205 | 205 | 0 | 0 | 0 |
| May 2017 | 100 | 70 | 2 | 0 | 0 | 80 | 45 | 2 | 0 | 0 | 218 | 218 | 0 | 0 | 0 |
| May 2018 | 100 | 60 | 0 | 0 | 0 | 78 | 31 | 0 | 0 | 0 | 231 | 231 | 0 | 0 | 0 |
| May 2019 | 100 | 50 | 0 | 0 | 0 | 75 | 17 | 0 | 0 | 0 | 245 | 245 | 0 | 0 | 0 |
| May 2020 | 100 | 40 | 0 | 0 | 0 | 73 | 3 | 0 | 0 | 0 | 261 | 261 | 0 | 0 | 0 |
| May 2021 | 100 | 31 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 277 | 213 | 0 | 0 | 0 |
| May 2022 | 100 | 22 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 294 | 151 | 0 | 0 | 0 |
| May 2023 | 100 | 13 | 0 | 0 | 0 | 64 | 0 | 0 | 0 | 0 | 312 | 92 | 0 | 0 | 0 |
| May 2024 | 100 | 5 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 | 331 | 35 | 0 | 0 | 0 |
| May 2025 | 100 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | 351 | 0 | 0 | 0 | 0 |
| May 2026 | 100 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | 373 | 0 | 0 | 0 | 0 |
| May 2027 | 83 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 396 | 0 | 0 | 0 | 0 |
| May 2028 | 63 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 421 | 0 | 0 | 0 | 0 |
| May 2029 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 0 | 0 | 0 | 0 |
| May 2030 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) ... | 24.6 | 15.1 | 6.1 | 2.0 | 1.3 | 18.6 | 12.1 | 7.0 | 2.3 | 1.5 | 25.5 | 18.4 | 1.1 | 0.4 | 0.3 |

PSA Prepayment Assumption Rates

| Distribution Date | Prepayment Assumption |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes BS, CS, DO, DS and GS |  |  |  |  |
|  | 0\% | 125\% | 245\% | 375\% | 500\% |
| Initial Percent . . . | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 96 | 90 | 85 |
| May 2006 | 100 | 100 | 88 | 74 | 61 |
| May 2007 | 100 | 100 | 81 | 59 | 41 |
| May 2008 | 100 | 100 | 76 | 51 | 31 |
| May 2009 | 100 | 100 | 73 | 46 | 28 |
| May 2010 | 100 | 99 | 63 | 37 | 20 |
| May 2011 | 100 | 89 | 52 | 26 | 12 |
| May 2012 | 100 | 80 | 42 | 18 | 6 |
| May 2013 | 100 | 71 | 34 | 12 | 2 |
| May 2014 | 100 | 63 | 27 | 7 | 0 |
| May 2015 | 100 | 56 | 21 | 4 | 0 |
| May 2016 | 100 | 49 | 16 | 1 | 0 |
| May 2017 | 100 | 43 | 11 | 0 | 0 |
| May 2018 | 100 | 37 | 7 | 0 | 0 |
| May 2019 | 100 | 31 | 4 | 0 | 0 |
| May 2020 | 100 | 26 | 1 | 0 | 0 |
| May 2021 | 100 | 21 | 0 | 0 | 0 |
| May 2022 | 93 | 17 | 0 | 0 | 0 |
| May 2023 | 86 | 13 | 0 | 0 | 0 |
| May 2024 | 78 | 9 | 0 | 0 | 0 |
| May 2025 | 70 | 5 | 0 | 0 | 0 |
| May 2026 | 62 | 1 | 0 | 0 | 0 |
| May 2027 | 53 | 0 | 0 | 0 | 0 |
| May 2028 | 43 | 0 | 0 | 0 | 0 |
| May 2029 | 32 | 0 | 0 | 0 | 0 |
| May 2030 | 21 | 0 | 0 | 0 | 0 |
| May 2031 | 10 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) ... | 23.0 | 12.6 | 7.4 | 4.8 | 3.4 |

PSA Precurity Group 11

| $\underline{\text { Distribution Date }}$ | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class BA |  |  |  |  | Class BC |  |  |  |  | Class BD |  |  |  |  |
|  | 0\% | 100\% | 191\% | 300\% | 400\% | 0\% | 100\% | 191\% | 300\% | 400\% | 0\% | 100\% | 191\% | 300\% | $\underline{400 \%}$ |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 98 | 91 | 84 | 76 | 68 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 96 | 80 | 67 | 52 | 39 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 94 | 71 | 52 | 32 | 17 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 91 | 61 | 39 | 17 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 89 | 53 | 27 | 4 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 81 |
| May 2010 | 86 | 45 | 17 | 0 | 0 | 100 | 100 | 100 | 34 | 0 | 100 | 100 | 100 | 100 | 6 |
| May 2011 | 83 | 37 | 8 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 60 | 0 |
| May 2012 | 80 | 30 | 1 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 6 | 0 |
| May 2013 | 76 | 24 | 0 | 0 | 0 | 100 | 100 | 38 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| May 2014 | 73 | 17 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 83 | 0 | 0 |
| May 2015 | 69 | 11 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 41 | 0 | 0 |
| May 2016 | 65 | 6 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 4 | 0 | 0 |
| May 2017 | 61 | 1 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2018 | 56 | 0 | 0 | 0 | 0 | 100 | 57 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2019 | 51 | 0 | 0 | 0 | 0 | 100 | 11 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2020 | 46 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 74 | 0 | 0 | 0 |
| May 2021 | 41 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 42 | 0 | 0 | 0 |
| May 2022 | 35 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 11 | 0 | 0 | 0 |
| May 2023 | 29 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2024 | 22 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2025 | 15 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2026 | 8 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2027 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) . | 14.2 | 5.8 | 3.5 | 2.3 | 1.7 | 23.6 | 14.2 | 8.8 | 5.9 | 4.4 | 24.8 | 16.8 | 10.8 | 7.2 | 5.4 |

PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class BE |  |  |  |  | Class BG |  |  |  |  | Class BH |  |  |  |  |
|  | 0\% | 100\% | 191\% | 300\% | 400\% | 0\% | 100\% | 191\% | 300\% | 400\% | 0\% | 100\% | 191\% | 300\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 98 | 91 | 85 | 78 | 71 | 98 | 92 | 87 | 80 | 74 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 96 | 82 | 70 | 56 | 44 | 97 | 84 | 73 | 61 | 50 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 94 | 73 | 56 | 38 | 24 | 95 | 76 | 61 | 45 | 32 | 100 | 100 | 100 | 100 | 100 |
| May 2008 | 92 | 65 | 44 | 24 | 9 | 93 | 69 | 50 | 32 | 18 | 100 | 100 | 100 | 100 | 100 |
| May 2009 | 90 | 57 | 34 | 13 | 0 | 91 | 62 | 41 | 21 | 8 | 100 | 100 | 100 | 100 | 45 |
| May 2010 | 87 | 50 | 25 | 3 | 0 | 88 | 55 | 32 | 13 | 1 | 100 | 100 | 100 | 71 | 3 |
| May 2011 | 84 | 43 | 17 | 0 | 0 | 86 | 49 | 25 | 6 | 0 | 100 | 100 | 100 | 33 | 0 |
| May 2012 | 82 | 37 | 10 | 0 | 0 | 83 | 43 | 19 | 1 | 0 | 100 | 100 | 100 | 3 | 0 |
| May 2013 | 79 | 31 | 3 | 0 | 0 | 81 | 38 | 13 | 0 | 0 | 100 | 100 | 72 | 0 | 0 |
| May 2014 | 75 | 25 | 0 | 0 | 0 | 78 | 33 | 8 | 0 | 0 | 100 | 100 | 46 | 0 | 0 |
| May 2015 | 72 | 19 | 0 | 0 | 0 | 75 | 28 | 4 | 0 | 0 | 100 | 100 | 23 | 0 | 0 |
| May 2016 | 68 | 14 | 0 | 0 | 0 | 72 | 23 | 0 | 0 | 0 | 100 | 100 | 2 | 0 | 0 |
| May 2017 | 64 | 10 | 0 | 0 | 0 | 68 | 19 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| May 2018 | 60 | 5 | 0 | 0 | 0 | 64 | 15 | 0 | 0 | 0 | 100 | 81 | 0 | 0 | 0 |
| May 2019 | 56 | 1 | 0 | 0 | 0 | 60 | 11 | 0 | 0 | 0 | 100 | 61 | 0 | 0 | 0 |
| May 2020 | 51 | 0 | 0 | 0 | 0 | 56 | 8 | 0 | 0 | 0 | 100 | 41 | 0 | 0 | 0 |
| May 2021 | 46 | 0 | 0 | 0 | 0 | 52 | 4 | 0 | 0 | 0 | 100 | 23 | 0 | 0 | 0 |
| May 2022 | 41 | 0 | 0 | 0 | 0 | 47 | 1 | 0 | 0 | 0 | 100 | 6 | 0 | 0 | 0 |
| May 2023 | 35 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2024 | 29 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2025 | 23 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2026 | 16 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| May 2027 | 9 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 98 | 0 | 0 | 0 | 0 |
| May 2028 | 1 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) . | 15.0 | 6.6 | 4.0 | 2.6 | 2.0 | 16.0 | 7.6 | 4.7 | 3.1 | 2.3 | 24.3 | 15.6 | 9.9 | 6.6 | 5.0 |

Security Group 12
PSA Prepayment Assumption Rates

| Distribution Date |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes FL, FM and MT |  |  |  |  |
|  | 0\% | 350\% | 700\% | 1050\% | 1400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 45 | 0 | 0 |
| May 2006 | 100 | 100 | 0 | 0 | 0 |
| May 2007 | 100 | 100 | 0 | 0 | 0 |
| May 2008 | 100 | 67 | 0 | 0 | 0 |
| May 2009 | 100 | 45 | 0 | 0 | 0 |
| May 2010 | 100 | 35 | 0 | 0 | 0 |
| May 2011 | 100 | 31 | 0 | 0 | 0 |
| May 2012 | 100 | 28 | 0 | 0 | 0 |
| May 2013 | 100 | 24 | 0 | 0 | 0 |
| May 2014 | 100 | 20 | 0 | 0 | 0 |
| May 2015 | 100 | 17 | 0 | 0 | 0 |
| May 2016 | 100 | 14 | 0 | 0 | 0 |
| May 2017 | 100 | 11 | 0 | 0 | 0 |
| May 2018 | 100 | 9 | 0 | 0 | 0 |
| May 2019 | 100 | 7 | 0 | 0 | 0 |
| May 2020 | 100 | 6 | 0 | 0 | 0 |
| May 2021 | 100 | 4 | 0 | 0 | 0 |
| May 2022 | 100 | 3 | 0 | 0 | 0 |
| May 2023 | 100 | 3 | 0 | 0 | 0 |
| May 2024 | 100 | 2 | 0 | 0 | 0 |
| May 2025 | 100 | 1 | 0 | 0 | 0 |
| May 2026 | 100 | 1 | 0 | 0 | 0 |
| May 2027 | 100 | 1 | 0 | 0 | 0 |
| May 2028 | 100 | 0 | 0 | 0 | 0 |
| May 2029 | 100 | 0 | 0 | 0 | 0 |
| May 2030 | 100 | 0 | 0 | 0 | 0 |
| May 2031 | 92 | 0 | 0 | 0 | 0 |
| May 2032 | 42 | 0 | 0 | 0 | 0 |
| May 2033 | 1 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) ... | 27.9 | 6.8 | 0.9 | 0.4 | 0.2 |

Security Group 13
PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ | PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes FB, FN and NT |  |  |  |  |
|  | 0\% | 100\% | 191\% | 300\% | 400\% |
| Initial Percent . . . | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 98 | 98 | 98 | 98 | 90 |
| May 2006 | 95 | 95 | 95 | 95 | 74 |
| May 2007 | 92 | 92 | 92 | 92 | 61 |
| May 2008 | 89 | 89 | 89 | 89 | 54 |
| May 2009 | 86 | 86 | 86 | 86 | 51 |
| May 2010 | 83 | 83 | 83 | 83 | 48 |
| May 2011 | 79 | 79 | 79 | 79 | 44 |
| May 2012 | 76 | 76 | 76 | 76 | 33 |
| May 2013 | 72 | 72 | 72 | 67 | 3 |
| May 2014 | 68 | 68 | 68 | 35 | 0 |
| May 2015 | 63 | 63 | 63 | 8 | 0 |
| May 2016 | 59 | 59 | 59 | 0 | 0 |
| May 2017 | 54 | 54 | 51 | 0 | 0 |
| May 2018 | 49 | 49 | 25 | 0 | 0 |
| May 2019 | 44 | 44 | 2 | 0 | 0 |
| May 2020 | 38 | 38 | 0 | 0 | 0 |
| May 2021 | 32 | 32 | 0 | 0 | 0 |
| May 2022 | 26 | 26 | 0 | 0 | 0 |
| May 2023 | 19 | 19 | 0 | 0 | 0 |
| May 2024 | 12 | 0 | 0 | 0 | 0 |
| May 2025 | 5 | 0 | 0 | 0 | 0 |
| May 2026 | 0 | 0 | 0 | 0 | 0 |
| May 2027 | 0 | 0 | 0 | 0 | 0 |
| May 2028 | 0 | 0 | 0 | 0 | 0 |
| May 2029 | 0 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) . | 12.9 | 12.7 | 10.9 | 8.6 | 5.1 |


| Distribution Date | Security Group 14 <br> PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes HS, JO, JS, LS, OS, US, VS, wS and xs |  |  |  |  |
|  | 0\% | 100\% | 236\% | 350\% | 500\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 92 | 82 | 78 |
| May 2006 | 100 | 100 | 76 | 50 | 42 |
| May 2007 | 100 | 100 | 57 | 18 | 11 |
| May 2008 | 100 | 100 | 44 | 0 | 0 |
| May 2009 | 100 | 100 | 35 | 0 | 0 |
| May 2010 | 100 | 100 | 29 | 0 | 0 |
| May 2011 | 100 | 100 | 25 | 0 | 0 |
| May 2012 | 100 | 100 | 16 | 0 | 0 |
| May 2013 | 100 | 94 | 0 | 0 | 0 |
| May 2014 | 100 | 79 | 0 | 0 | 0 |
| May 2015 | 100 | 64 | 0 | 0 | 0 |
| May 2016 | 100 | 51 | 0 | 0 | 0 |
| May 2017 | 100 | 38 | 0 | 0 | 0 |
| May 2018 | 100 | 26 | 0 | 0 | 0 |
| May 2019 | 100 | 15 | 0 | 0 | 0 |
| May 2020 | 100 | 5 | 0 | 0 | 0 |
| May 2021 | 100 | 0 | 0 | 0 | 0 |
| May 2022 | 100 | 0 | 0 | 0 | 0 |
| May 2023 | 100 | 0 | 0 | 0 | 0 |
| May 2024 | 94 | 0 | 0 | 0 | 0 |
| May 2025 | 79 | 0 | 0 | 0 | 0 |
| May 2026 | 63 | 0 | 0 | 0 | 0 |
| May 2027 | 46 | 0 | 0 | 0 | 0 |
| May 2028 | 28 | 0 | 0 | 0 | 0 |
| May 2029 | 9 | 0 | 0 | 0 | 0 |
| May 2030 | 0 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) | 22.7 | 12.2 | 4.3 | 2.0 | 1.8 |

PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes KS, MS, NO, NS and TS |  |  |  |  |
|  | 0\% | 100\% | 191\% | 300\% | 400\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 100 | 100 | 100 |
| May 2006 | 100 | 100 | 100 | 100 | 100 |
| May 2007 | 100 | 100 | 100 | 100 | 69 |
| May 2008 | 100 | 100 | 100 | 100 | 28 |
| May 2009 | 100 | 100 | 100 | 88 | 7 |
| May 2010 | 100 | 100 | 100 | 77 | 0 |
| May 2011 | 100 | 100 | 100 | 71 | 0 |
| May 2012 | 100 | 100 | 100 | 63 | 0 |
| May 2013 | 100 | 100 | 100 | 56 | 0 |
| May 2014 | 100 | 100 | 100 | 48 | 0 |
| May 2015 | 100 | 100 | 100 | 41 | 0 |
| May 2016 | 100 | 100 | 100 | 34 | 0 |
| May 2017 | 100 | 100 | 100 | 29 | 0 |
| May 2018 | 100 | 100 | 91 | 24 | 0 |
| May 2019 | 100 | 100 | 78 | 19 | 0 |
| May 2020 | 100 | 100 | 67 | 16 | 0 |
| May 2021 | 100 | 100 | 57 | 13 | 0 |
| May 2022 | 100 | 100 | 48 | 10 | 0 |
| May 2023 | 100 | 100 | 40 | 8 | 0 |
| May 2024 | 100 | 100 | 33 | 6 | 0 |
| May 2025 | 100 | 95 | 27 | 5 | 0 |
| May 2026 | 100 | 80 | 21 | 3 | 0 |
| May 2027 | 100 | 66 | 17 | 2 | 0 |
| May 2028 | 100 | 53 | 13 | 2 | 0 |
| May 2029 | 100 | 40 | 9 | 1 | 0 |
| May 2030 | 100 | 29 | 6 | 1 | 0 |
| May 2031 | 92 | 18 | 4 | 0 | 0 |
| May 2032 | 42 | 8 | 1 | 0 | 0 |
| May 2033 | 1 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) ... | 27.9 | 24.4 | 18.7 | 10.7 | 3.6 |

Security Group 16
PSA Prepayment Assumption Rates

| $\underline{\text { Distribution Date }}$ | Classes IS, YA, YB, YC, YD, YE, YG, YO and YS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 190\% | 300\% | 400\% |
| Initial Percent . | 100 | 100 | 100 | 100 | 100 |
| May 2005 | 100 | 100 | 96 | 90 | 88 |
| May 2006 | 100 | 100 | 88 | 73 | 66 |
| May 2007 | 100 | 100 | 79 | 56 | 44 |
| May 2008 | 100 | 100 | 73 | 43 | 30 |
| May 2009 | 100 | 100 | 68 | 35 | 21 |
| May 2010 | 100 | 100 | 64 | 30 | 17 |
| May 2011 | 100 | 93 | 53 | 19 | 7 |
| May 2012 | 100 | 82 | 41 | 8 | 0 |
| May 2013 | 100 | 72 | 30 | 0 | 0 |
| May 2014 | 100 | 63 | 21 | 0 | 0 |
| May 2015 | 100 | 54 | 13 | 0 | 0 |
| May 2016 | 100 | 46 | 6 | 0 | 0 |
| May 2017 | 100 | 38 | 0 | 0 | 0 |
| May 2018 | 100 | 31 | 0 | 0 | 0 |
| May 2019 | 100 | 24 | 0 | 0 | 0 |
| May 2020 | 100 | 18 | 0 | 0 | 0 |
| May 2021 | 97 | 12 | 0 | 0 | 0 |
| May 2022 | 89 | 6 | 0 | 0 | 0 |
| May 2023 | 81 | 1 | 0 | 0 | 0 |
| May 2024 | 72 | 0 | 0 | 0 | 0 |
| May 2025 | 63 | 0 | 0 | 0 | 0 |
| May 2026 | 54 | 0 | 0 | 0 | 0 |
| May 2027 | 43 | 0 | 0 | 0 | 0 |
| May 2028 | 32 | 0 | 0 | 0 | 0 |
| May 2029 | 21 | 0 | 0 | 0 | 0 |
| May 2030 | 8 | 0 | 0 | 0 | 0 |
| May 2031 | 0 | 0 | 0 | 0 | 0 |
| May 2032 | 0 | 0 | 0 | 0 | 0 |
| May 2033 | 0 | 0 | 0 | 0 | 0 |
| May 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) .. | 22.1 | 12.0 | 6.8 | 4.1 | 3.2 |

## Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Class based on the anticipated yield of that Class resulting from its purchase price, the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios, and in the case of the Group $5,6,8,9,10,11,12,13,14,15$ and 16 Securities, the investor's own projection of principal payment rates on the Underlying Certificates under a variety of scenarios, and, in the case of a Floating Rate or an Inverse Floating Rate Class, the investor's own projection of levels of $\angle I B O R$ under a variety of scenarios. No representation is made regarding Mortgage Loan prepayment rates, Underlying Certificate payment rates, LIBOR levels or the yield of any Class.

Prepayments and Redemption: Effect on Yields
The yields to investors will be sensitive in varying degrees to the rate of prepayments on the related Mortgage Loans.

- In the case of Regular Securities or MX Securities purchased at a premium (especially Interest Only Classes), faster than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
- Investors in the Interest Only Classes should also consider the risk that rapid rates of principal payments could result in the failure of investors to recover fully their investments.
- In the case of Regular Securities or MX Securities purchased at a discount (especially Principal Only Classes), slower than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.

See "Risk Factors - Rates of principal payments can reduce your yield" in this Supplement.

Rapid rates of prepayments on the Mortgage Loans are likely to coincide with periods of low prevailing interest rates.

During periods of low prevailing interest rates, the yields at which an investor may be able to reinvest amounts received as principal payments on the investor's Class of Securities may be lower than the yield on that Class.

Slow rates of prepayments on the Mortgage Loans are likely to coincide with periods of high prevailing interest rates.

During periods of high prevailing interest rates, the amount of principal payments available to an investor for reinvestment at those high rates may be relatively low.

The Mortgage Loans will not prepay at any constant rate until maturity, nor will all of the Mortgage Loans underlying any Trust Asset Group prepay at the same rate at any one time. The timing of changes in the rate of prepayments may affect the actual yield to an investor, even if the average rate of principal prepayments is consistent with the investor's expectation. In general, the earlier a prepayment of principal on the Mortgage Loans, the greater the effect on an investor's yield. As a result, the effect on an investor's yield of principal prepayments occurring at a rate higher (or lower) than the rate anticipated by the investor during the period immediately following the Closing Date is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

## LIBOR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes

Low levels of LIBOR can reduce the yield of the Floating Rate Classes. High levels of LIBOR can significantly reduce the yield of the Inverse Floating Rate Classes. In addition, the Floating Rate Classes will not benefit from a higher yield at high levels of LIBOR and certain Inverse Floating Rate Classes may not benefit from particularly low levels of LIBOR because the rate on such Classes is capped at a maximum rate described under "Terms Sheet - Interest Rates."

## Payment Delay: Effect on Yields of the Fixed Rate Classes

The effective yield on any Fixed Rate Class will be less than the yield otherwise produced by its Interest Rate and purchase price because, on each Distribution Date, 30 days' interest will be payable on (or added to the principal amount of) that Class even though interest began to accrue approximately 46 or 50 days earlier, as applicable.

## Yield Tables

The following tables show the pre-tax yields to maturity on a corporate bond equivalent basis of specified Classes at various constant percentages of PSA and, in the case of the Inverse Floating Rate Classes, at various constant levels of LIBOR.

The Mortgage Loans will not prepay at any constant rate until maturity, and it is unlikely that LIBOR will remain constant. Moreover, it is likely that the Mortgage Loans will experience actual prepayment rates that differ from those of the Modeling Assumptions. Therefore, the actual pre-tax yield of any Class may differ from those shown in the applicable table below for that Class even if the Class is purchased at the assumed price shown.

The yields were calculated by

1. determining the monthly discount rates that, when applied to the applicable assumed streams of cash flows to be paid on the applicable Class, would cause the discounted present value of the assumed streams of cash flows to equal the assumed purchase price of that Class plus accrued interest (in the case of interest-bearing Classes), and
2. converting the monthly rates to corporate bond equivalent rates.

These calculations do not take into account variations that may occur in the interest rates at which investors may be able to reinvest funds received by them as distributions on their Securities and consequently do not purport to reflect the return on any investment in any Class when those reinvestment rates are considered.

The information set forth in the following tables was prepared on the basis of the Modeling Assumptions and the assumptions that (1) the Interest Rate applicable to each Inverse Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of LIBOR and (2) the purchase price of each Class (expressed as a percentage of its original Class Principal Balance or Class Notional Balance) plus accrued interest (in the case of the interest-bearing Classes) is as indicated in the related table. The assumed purchase price is not necessarily that at which actual sales will occur.

## SECURITY GROUP 1

Sensitivity of Class S to Prepayments
Assumed Price 6.75\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 300\% | 627\% | 950\% | 1300\% |
| 0.10\% | 87.5\% | 53.9\% | 15.0\% | (38.8) \% |
| 1.10\% | 68.9\% | 37.1\% | 0.3\% | (50.7) \% |
| 4.10\% | 17.5\% | (9.3) \% | (40.2)\% | (83.4) \% |
| 6.60\% | ** | ** | ** | ** |

## Sensitivity of Class SO to Prepayments <br> Assumed Price 6.5\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 300\% | 627\% | 950\% | 1300\% |
| 0.10\% | 91.5\% | 57.5\% | 18.1\% | (36.2) \% |
| 1.10\% | 72.0\% | 39.8\% | 2.7\% | (48.7) \% |
| 4.10\% | 18.3\% | (8.6) \% | (39.6) \% | (82.9) \% |
| 6.55\% | ** | ** | ** | ** |

## SECURITY GROUP 2

## Sensitivity of Class SA to Prepayments Assumed Price 7.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 521\% | 600\% | 1050\% |
| 0.10\% | 98.9\% | 61.2\% | 52.9\% | (1.4) \% |
| 1.10\% | 80.5\% | 44.7\% | 36.8\% | (14.8) \% |
| 4.10\% | 29.0\% | (1.4) \% | (8.0) \% | (51.9) \% |
|  | ** | ** | ** | ** |

## Sensitivity of Class SP to Prepayments Assumed Price 8.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 521\% | 600\% | 1050\% |
| 0.10\% | 65.8\% | 65.8\% | 65.8\% | 35.6\% |
| 1.10\% | 50.0\% | 50.0\% | 50.0\% | 18.2\% |
| 4.10\% | 3.4\% | 3.4\% | 3.4\% | (33.3) \% |
| \% | ** | ** | ** | ** |

[^1]
## Sensitivity of Class ST to Prepayments

 Assumed Price 0.25\%*| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 521\% | 600\% | 1050\% |
| 6.600\% and below | (13.5) \% | (13.5) \% | (13.5) \% | (51.0) \% |
| 6.625\% | (29.3) \% | (29.3) \% | (29.3) \% | (66.2) \% |
| 6.650\% and above | ** | ** | ** | ** |

## Sensitivity of Class SU to Prepayments

 Assumed Price 8.0\%*| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 521\% | 600\% | 1050\% |
| 0.10\% | 64.9\% | 64.9\% | 64.9\% | 34.7\% |
| 1.10\% | 49.2\% | 49.2\% | 49.2\% | 17.3\% |
| 4.10\% | 2.5\% | 2.5\% | 2.5\% | (34.2) \% |
| 6.60\% | ** | ** | ** | ** |

## Sensitivity of Class SV to Prepayments

Assumed Price 7.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 521\% | 600\% | 1050\% |
| 0.10\% | 97.5\% | 63.0\% | 55.6\% | 3.7\% |
| 1.10\% | 79.1\% | 46.3\% | 39.3\% | (10.3) \% |
| 4.10\% | 27.9\% | (0.5) \% | (6.4) \% | (49.6) \% |
| 6.60\% | ** | ** | ** | ** |

## SECURITY GROUP 3

## Sensitivity of Class PO to Prepayments Assumed Price 40.75\%

PSA Prepayment Assumption Rates

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{2 0 0} \%}$ | $\underline{\mathbf{3 0 0 \%}}$ | $\underline{\mathbf{4 0 0 \%}}$ |
| $\mathbf{3 . 5 \%}$ | $5.5 \%$ | $35.5 \%$ | $59.7 \%$ |

[^2]
## Sensitivity of Class PS to Prepayments

 Assumed Price 11.5\%*| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 200\% | 300\% | 400\% |
| 0.10\% | 54.8\% | 54.8\% | 54.8\% | 52.6\% |
| 1.10\% | 44.1\% | 44.1\% | 44.1\% | 41.5\% |
| 4.10\% | 12.8\% | 12.8\% | 12.8\% | 8.0\% |
| 7.15\% | ** | ** | ** | ** |

## SECURITY GROUP 4

Sensitivity of Class CO to Prepayments
Assumed Price 40.0\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{2 2 0} \%}$ | $\underline{\mathbf{2 5 0 \%}}$ | $\underline{\mathbf{5 0 0 \%}}$ |
| $3.4 \%$ | $7.0 \%$ | $16.1 \%$ | $45.4 \%$ |

## Sensitivity of Class IB to Prepayments

 Assumed Price 13.25\%*| PSA Prepayment Assumption Rates |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\frac{\mathbf{2 2 0 \%}}{\mathbf{1 0 0 \%}}$ | $\underline{\mathbf{2 5 0 \%}}$ | $\underline{\mathbf{4 5 9 \%}}$ | $\underline{\mathbf{5 0 0 \%}}$ |
| $10.9 \%$ | $10.9 \%$ | $10.9 \%$ | $0.1 \%$ | $(3.1) \%$ |

Sensitivity of Class QI to Prepayments Assumed Price 37.75\%*

|  | PS | sun | es |  |
| :---: | :---: | :---: | :---: | :---: |
| 100\% | 220\% | 250\% | 500\% | 732\% |
| 13.4\% | 13.4\% | 13.4\% | 8.0\% | 0.0\% |

## Sensitivity of Class QO to Prepayments <br> Assumed Price 55.75\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\underline{\mathbf{1 0 0 \%}}$ | $\underline{\mathbf{2 2 0} \%}$ | $\underline{\mathbf{2 5 0} \%}$ | $\underline{\mathbf{5 0 0 \%}}$ |
| $3.2 \%$ | $3.2 \%$ | $3.2 \%$ | $5.9 \%$ |

[^3]
## SECURITY GROUP 5

## Sensitivity of Class SB to Prepayments Assumed Price 98.5\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 100\% | 236\% | 350\% | 500\% |
| 5.50\% and below. | 6.9\% | 7.2\% | 7.3\% | 7.3\% |
| 5.75\% | 3.5\% | 3.9\% | 4.0\% | 4.1\% |
| 6.00\% and above | 0.2\% | 0.7\% | 0.8\% | 0.8\% |

## Sensitivity of Class SC to Prepayments Assumed Price 0.75\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 5.50\% and below | 64.6\% | 46.8\% | 41.2\% | 37.2\% |
| 5.75\% | 29.8\% | (1.5) \% | (11.4) \% | (17.2) \% |
| 6.00\% and above | ** | ** | ** | ** |

## Sensitivity of Class SW to Prepayments Assumed Price 98.75\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 100\% | 236\% | 350\% | 500\% |
| 5.50\% and below. | 7.9\% | 8.1\% | 8.2\% | 8.2\% |
| 5.75\% | 4.0\% | 4.3\% | 4.4\% | 4.5\% |
| 6.00\% and above | 0.2\% | 0.6\% | 0.7\% | 0.8\% |

## Sensitivity of Class SY to Prepayments Assumed Price 93.5\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\underline{\text { LIBOR }}$ | 100\% | 236\% | 350\% | 500\% |
| 5.50\% and below | 8.5\% | 9.7\% | 11.4\% | 11.9\% |
| 5.75\% | 4.5\% | 5.7\% | 7.5\% | 8.0\% |
| 6.00\% and above | 0.6\% | 1.7\% | 3.6\% | 4.1\% |

## Sensitivity of Class SZ to Prepayments Assumed Price 88.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 5.50\% and below | 8.7\% | 10.7\% | 17.0\% | 19.0\% |
| 5.75\% | 4.8\% | 6.5\% | 12.9\% | 14.9\% |
| 6.00\% and above | 0.9\% | 2.4\% | 8.8\% | 10.8\% |

[^4]
## Sensitivity of Class YH to Prepayments

 Assumed Price 98.75\%*| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 5.50\% and below. | 7.4\% | 7.6\% | 7.7\% | 7.7\% |
| 5.75\% | 3.7\% | 4.1\% | 4.2\% | 4.2\% |
| 6.00\% and above | 0.2\% | 0.6\% | 0.7\% | 0.7\% |

## SECURITY GROUP 6

Sensitivity of Class IA to Prepayments
Assumed Price 16.75\%*

| PSA Prepayment Assumption Rates |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{2 2 0 \%}}$ | $\underline{\mathbf{2 5 0 \%}}$ | $\underline{\mathbf{3 9 5 \%}}$ | $\underline{\mathbf{5 0 0 \%}}$ |  |
| $\mathbf{1 2 . 8 \%}$ |  | $11.9 \%$ | $11.9 \%$ | $0.0 \%$ |  |

SECURITY GROUP 7
Sensitivity of Class VI to Prepayments
Assumed Price 33.5\%*

| PSA Prepayment Assumption Rates |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\underline{\mathbf{1 5 1 \%}}$ | $\underline{\mathbf{2 5 0 \%}}$ | $\underline{\mathbf{4 0 0 \%}}$ | $\underline{\mathbf{4 3 4 \%}}$ |  |
| $12.9 \%$ |  | $\mathbf{1 2 . 3 \%}$ | $9.2 \%$ | $1.9 \%$ | $0.0 \%$ |

Sensitivity of Class VO to Prepayments Assumed Price 59.0\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{7 5 \%}$ | $\underline{\mathbf{1 5 1 \%}}$ | $\underline{\mathbf{2 5 0 \%}}$ | $\underline{\mathbf{4 0 0 \%}}$ |
| $3.5 \%$ | $3.8 \%$ | $5.1 \%$ | $7.4 \%$ |

## SECURITY GROUP 8

## Sensitivity of Class SL to Prepayments

 Assumed Price 91.5\%*| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 150\% | 304\% | 450\% | 650\% |
| 0.1\% | 16.7\% | 18.8\% | 18.8\% | 18.7\% |
| 1.1\% | 14.5\% | 16.6\% | 16.6\% | 16.5\% |
| 4.1\% | 7.9\% | 10.0\% | 10.0\% | 9.9\% |
| 7.2 | 1.3\% | 3.4\% | 3.3\% | 3.2\% |

[^5]
## Sensitivity of Class SM to Prepayments

## Assumed Price 82.25\%*

| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 150\% | 304\% | 450\% | 650\% |
| 0.1\% | 18.2\% | 19.0\% | 22.1\% | 31.3\% |
| 1.1\% | 15.8\% | 16.6\% | 19.5\% | 28.9\% |
| 4.1\% | 8.5\% | 9.4\% | 12.1\% | 21.6\% |
| $7.2 \%$ | 1.4\% | 2.3\% | 4.6\% | 14.3\% |

## Sensitivity of Class SN to Prepayments Assumed Price 87.0\%*



## SECURITY GROUP 9

## Sensitivity of Class AO to Prepayments

Assumed Price 61.0\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{1 9 1} \%}$ | $\underline{\mathbf{3 0 0} \%}$ | $\underline{\mathbf{4 0 0 \%}}$ |
| $3.3 \%$ | $9.4 \%$ | $29.0 \%$ | $45.2 \%$ |

## Sensitivity of Class AS to Prepayments Assumed Price 101.75\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 191\% | 300\% | 400\% |
| 0.10\% | 19.4\% | 19.3\% | 18.7\% | 18.2\% |
| 1.10\% | 16.9\% | 16.8\% | 16.3\% | 15.8\% |
| 4.10\% | 9.5\% | 9.4\% | 9.0\% | 8.7\% |
| 8.05\% | (0.1)\% | (0.1) \% | (0.3)\% | (0.5) \% |

[^6]
## SECURITY GROUP 10

Sensitivity of Class BS to Prepayments Assumed Price 100.5\%*

| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 245\% | 375\% | 500\% |
| 0.1\% | 34.3\% | 34.3\% | 34.2\% | 34.1\% |
| 1.1\% | 27.7\% | 27.7\% | 27.7\% | 27.6\% |
| 3.1\% | 14.9\% | 14.9\% | 14.9\% | 14.9\% |
| 5.5\% | 0.1\% | 0.2\% | 0.2\% | 0.3\% |

## Sensitivity of Class CS to Prepayments

 Assumed Price 85.25\%*| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 245\% | 375\% | 500\% |
| 0.1\% | 24.7\% | 25.8\% | 27.4\% | 29.1\% |
| 1.1\% | 20.2\% | 21.3\% | 22.9\% | 24.6\% |
| 3.1\% | 11.4\% | 12.5\% | 14.0\% | 15.7\% |
| 5.5\% and above | 1.4\% | 2.4\% | 3.8\% | 5.4\% |

## Sensitivity of Class DO to Prepayments Assumed Price 61.5\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\underline{\mathbf{1 2 5 \%}}$ | $\underline{\mathbf{2 4 5} \%}$ | $\underline{\mathbf{3 7 5} \%}$ | $\underline{\mathbf{5 0 0 \%}}$ |
| $\mathbf{4 . 0 \%}$ | $7.2 \%$ | $11.8 \%$ | $17.4 \%$ |

## Sensitivity of Class DS to Prepayments Assumed Price 6.5\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 245\% | 375\% | 500\% |
| 0.1\% | 97.7\% | 89.6\% | 78.7\% | 67.2\% |
| 1.1\% | 77.7\% | 69.8\% | 59.1\% | 47.6\% |
| 3.1\% | 39.4\% | 31.6\% | 21.3\% | 9.9\% |
| 5.5\% | ** | ** | ** | ** |

[^7]
## Sensitivity of Class GS to Prepayments

 Assumed Price 94.0\%*| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 245\% | 375\% | 500\% |
| 0.1\% | 30.5\% | 30.9\% | 31.5\% | 32.1\% |
| 1.1\% | 24.7\% | 25.2\% | 25.8\% | 26.4\% |
| 3.1\% | 13.5\% | 13.9\% | 14.5\% | 15.2\% |
| 5.5\% | 0.6\% | 1.0\% | 1.6\% | 2.3\% |

SECURITY GROUP 12
Sensitivity of Class MT to Prepayments Assumed Price 109.75\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 350\% | 700\% | 1050\% | 1400\% |
| 0.10\% | 5.8\% | (2.5) \% | (16.2) \% | (29.2) \% |
| 1.10\% | 6.7\% | (1.6) \% | (15.5) \% | (28.6) \% |
| 4.10\% | 9.6\% | 1.0\% | (13.3) \% | (26.8) \% |
| 6.05\% | 11.4\% | 2.7\% | (11.8) \% | (25.6) \% |
| 6.50\% | 5.0\% | (3.2) \% | (16.8) \% | (29.7) \% |
| 6.95\% and above | (1.3) \% | (9.0) \% | (21.7) \% | (33.8) \% |

## SECURITY GROUP 13

## Sensitivity of Class NT to Prepayments

Assumed Price 83.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 191\% | 300\% | 400\% |
| 0.100\% | 2.6\% | 2.8\% | 3.3\% | 4.9\% |
| 1.100\% | 3.7\% | 3.9\% | 4.4\% | 6.1\% |
| 4.100\% | 7.2\% | 7.4\% | 7.8\% | 9.6\% |
| 7.050\% | 10.7\% | 10.8\% | 11.2\% | 13.1\% |
| 7.575\% | 6.0\% | 6.2\% | 6.7\% | 8.5\% |
| 8.100\% | 1.5\% | 1.8\% | 2.2\% | 3.9\% |

[^8]
## SECURITY GROUP 14

Sensitivity of Class HS to Prepayments Assumed Price 92.25\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 8.7\% | 10.1\% | 12.2\% | 12.8\% |
| 6.6\% | 4.7\% | 6.0\% | 8.2\% | 8.8\% |
| 7.2\% and above | 0.7\% | 2.1\% | 4.3\% | 4.9\% |

## Sensitivity of Class JO to Prepayments Assumed Price 62.75\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\underline{\mathbf{1 0 0 \%}}$ | $\underline{\mathbf{2 3 6 \%}}$ | $\underline{\mathbf{3 5 0 \%}}$ | $\underline{\mathbf{5 0 0 \%}}$ |
| $\mathbf{3 . 9 \%}$ | $\mathbf{1 2 . 5 \%}$ | $\mathbf{2 5 . 9 \%}$ | $29.5 \%$ |

## Sensitivity of Class JS to Prepayments Assumed Price 4.75\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 24.8\% | 2.5\% | (40.8) \% | (50.2) \% |
| 6.6\% | 7.8\% | (16.7) \% | (68.0) \% | (77.4) \% |
| 7.2\% and above | ** | ** | ** | ** |

## Sensitivity of Class LS to Prepayments Assumed Price 94.25\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 8.9\% | 10.0\% | 11.5\% | 11.9\% |
| 6.6\% | 4.7\% | 5.7\% | 7.3\% | 7.7\% |
| 7.2\% and above | 0.5\% | 1.5\% | 3.2\% | 3.6\% |

## Sensitivity of Class OS to Prepayments Assumed Price 96.25\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 9.2\% | 9.8\% | 10.8\% | 11.1\% |
| 6.6\% | 4.7\% | 5.4\% | 6.5\% | 6.7\% |
| 7.2\% and above | 0.4\% | 1.0\% | 2.2\% | 2.4\% |

[^9]
## Sensitivity of Class US to Prepayments Assumed Price 98.25\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 9.4\% | 9.7\% | 10.2\% | 10.3\% |
| 6.6\% | 4.8\% | 5.1\% | 5.6\% | 5.8\% |
| 7.2\% and above | 0.2\% | 0.5\% | 1.2\% | 1.3\% |

## Sensitivity of Class VS to Prepayments Assumed Price 100.25\%*

LIBOR
6.0\% and below . . . . . . . . . . . . . . . . .
6.6\% . . . . . . . . . . . . . . . . . . . . . . . . . .
7.2\% and above . . . . . . . . . . . . . . . .

| PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: |
| 100\% | 236\% | 350\% | 500\% |
| 9.7\% | 9.6\% | 9.5\% | 9.5\% |
| 4.8\% | 4.8\% | 4.8\% | 4.8\% |
| 0.0\% | 0.1\% | 0.2\% | 0.2\% |

## Sensitivity of Class WS to Prepayments

 Assumed Price 102.25\%*| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 9.9\% | 9.5\% | 8.9\% | 8.8\% |
| 6.6\% | 4.8\% | 4.5\% | 4.0\% | 3.9\% |
| 7.2\% and above | (0.1) \% | (0.4) \% | (0.8) \% | (0.9) \% |

## Sensitivity of Class XS to Prepayments Assumed Price 104.25\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 236\% | 350\% | 500\% |
| 6.0\% and below | 10.1\% | 9.4\% | 8.3\% | 8.1\% |
| 6.6\% | 4.9\% | 4.2\% | 3.3\% | 3.0\% |
| 7.2\% and above | (0.3) \% | (0.8) \% | (1.7) \% | (1.9) \% |

[^10]
## SECURITY GROUP 15

Sensitivity of Class KS to Prepayments Assumed Price 67.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 191\% | 300\% | 400\% |
| 0.1\% | 33.9\% | 34.0\% | 35.3\% | 41.9\% |
| 1.1\% | 26.8\% | 26.9\% | 28.5\% | 35.4\% |
| 3.1\% | 13.1\% | 13.5\% | 15.5\% | 23.1\% |
| 5.0\% | 1.7\% | 2.3\% | 4.1\% | 12.1\% |

## Sensitivity of Class MS to Prepayments

 Assumed Price 77.75\%*| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 191\% | 300\% | 400\% |
| 0.1\% | 40.7\% | 40.7\% | 41.4\% | 45.1\% |
| 1.1\% | 32.1\% | 32.1\% | 33.0\% | 37.0\% |
| 3.1\% | 15.4\% | 15.6\% | 16.8\% | 21.6\% |
|  | 1.1\% | 1.5\% | 2.6\% | 7.8\% |

## Sensitivity of Class NO to Prepayments

## Assumed Price 38.75\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\underline{\mathbf{1 0 0 \%}}$ | $\underline{\mathbf{1 9 1 \%}}$ | $\underline{\mathbf{3 0 0 \%}}$ | $\underline{\mathbf{4 0 0 \%}}$ |
| $\mathbf{3 . 9 \%}$ | $5.3 \%$ | $10.1 \%$ | $29.1 \%$ |

## Sensitivity of Class NS to Prepayments Assumed Price 6.5\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 191\% | 300\% | 400\% |
| 0.1\% | 87.3\% | 87.3\% | 86.6\% | 76.2\% |
| 1.1\% | 68.0\% | 68.0\% | 66.7\% | 53.2\% |
| 3.1\% | 31.7\% | 31.4\% | 27.9\% | 3.3\% |
| 5.0\% | ** | ** | ** | ** |

[^11]
## Sensitivity of Class TS to Prepayments

 Assumed Price 84.0\%*| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 191\% | 300\% | 400\% |
| 0.1\% | 44.2\% | 44.2\% | 44.6\% | 47.1\% |
| 1.1\% | 34.8\% | 34.8\% | 35.3\% | 38.1\% |
| 3.1\% | 16.6\% | 16.8\% | 17.6\% | 20.9\% |
| 5.0\% | 0.8\% | 1.0\% | 1.9\% | 5.5\% |

## SECURITY GROUP 16

## Sensitivity of Class IS to Prepayments Assumed Price 3.75\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 20.8\% | 11.6\% | (2.8) \% | (11.8) \% |
| 6.775\% | 5.1\% | (5.3) \% | (21.3) \% | (31.0) \% |
| 7.200\% and above. | ** | ** | ** | ** |

## Sensitivity of Class YA to Prepayments Assumed Price 96.5\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 8.6\% | 8.9\% | 9.3\% | 9.5\% |
| 6.775\% | 4.5\% | 4.7\% | 5.1\% | 5.4\% |
| 7.200\% and above | 0.3\% | 0.6\% | 1.0\% | 1.3\% |

## Sensitivity of Class YB to Prepayments Assumed Price 98.75\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 8.8\% | 8.9\% | 9.1\% | 9.1\% |
| 6.775\% | 4.5\% | 4.6\% | 4.7\% | 4.8\% |
| 7.200\% and above | 0.1\% | 0.3\% | 0.4\% | 0.6\% |

## Sensitivity of Class YC to Prepayments Assumed Price 101.0\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 9.0\% | 9.0\% | 8.8\% | 8.8\% |
| 6.775\% | 4.5\% | 4.4\% | 4.3\% | 4.3\% |
| 7.200\% and above. | 0.0\% | (0.1) \% | (0.1) \% | (0.1) \% |

[^12]
## Sensitivity of Class YD to Prepayments

Assumed Price 103.25\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 9.2\% | 9.0\% | 8.6\% | 8.4\% |
| 6.775\% | 4.5\% | 4.3\% | 4.0\% | 3.8\% |
| 7.200\% and above | (0.2) \% | (0.4) \% | (0.6) \% | (0.8) \% |

Sensitivity of Class YE to Prepayments Assumed Price 105.25\%*

| $\underline{\text { LIBOR }}$ | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 9.4\% | 9.1\% | 8.5\% | 8.2\% |
| 6.775\% | 4.5\% | 4.2\% | 3.7\% | 3.4\% |
| 7.200\% and above | (0.4) \% | (0.7) \% | (1.1) \% | (1.4) \% |

## Sensitivity of Class YG to Prepayments Assumed Price 107.5\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 9.6\% | 9.1\% | 8.3\% | 7.9\% |
| 6.775\% | 4.5\% | 4.0\% | 3.3\% | 2.9\% |
| 7.200\% and above | (0.6) \% | (1.0) \% | (1.6) \% | (2.0) \% |

Sensitivity of Class YO to Prepayments
Assumed Price 61.25\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{1 9 0} \%}$ | $\underline{\mathbf{3 0 0} \%}$ | $\underline{\mathbf{4 0 0 \%}}$ |
| $\mathbf{4 . 2 \%}$ | $7.8 \%$ | $13.9 \%$ | $17.7 \%$ |

## Sensitivity of Class YS to Prepayments Assumed Price 94.25\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 190\% | 300\% | 400\% |
| 6.350\% and below | 8.4\% | 8.8\% | 9.5\% | 9.9\% |
| 6.775\% | 4.4\% | 4.9\% | 5.5\% | 5.9\% |
| 7.200\% and above | 0.5\% | 0.9\% | 1.6\% | 2.0\% |

[^13]
## CERTAIN FEDERAL INCOME TAX CONSEQUENCES

The following tax discussion, when read in conjunction with the discussion of "Certain Federal Income Tax Consequences" in the Base Offering Circular, describes the material federal income tax considerations for investors in the Securities. However, these two tax discussions do not purport to deal with all federal tax consequences applicable to all categories of investors, some of which may be subject to special rules.

Investors should consult their own tax advisors in determining the federal, state, local and any other tax consequences to them of the purchase, ownership and disposition of the Securities.

## REMIC Elections

In the opinion of Cleary Gottlieb Steen \& Hamilton, the Trust will constitute a Double REMIC Series for federal income tax purposes. Separate REMIC elections will be made for the Pooling REMIC and the Issuing REMIC.

## Regular Securities

The Regular Securities will be treated as debt instruments issued by the Issuing REMIC for federal income tax purposes. Income on the Regular Securities must be reported under an accrual method of accounting.

The Class AO, CO, DO, JO, NO, PO, QO, VO and YO Securities are Principal Only Securities. Principal Only Securities are treated for federal income tax purposes as having been issued with an amount of original issue discount ("OID") equal to the difference between their principal balance and their issue price.

The Class DS, IA, IB, IS, JS, NS, PS, QI, S, SA, SC, SO, ST, SU and VI Securities are "Interest Weighted Securities" as described in "Certain Federal Income Tax Consequences - Tax Treatment of Regular Securities - Interest Weighted Securities and Non-VRDI Securities" in the Base Offering Circular. Although the tax treatment of Interest Weighted Securities is not entirely certain, Holders of the Interest Weighted Securities should expect to accrue all income on these Securities (other than income attributable to market discount or de minimis market discount) under the OID rules based on the expected payments on these securities at the prepayment assumption described below.

The Class AZ, SZ, ZB, ZC and ZK Securities are Accrual Securities. Holders of Accrual Securities are required to accrue all income from their Securities (other than income attributable to market discount or de minimis market discount) under the OID rules based on the expected payments on the Accrual Securities at the prepayment assumption described below.

In addition to the Regular Securities described in the preceding three paragraphs, based on anticipated prices (including accrued interest), the assumed Mortgage Loan characteristics, the prepayment assumption described below and, in the case of the Floating Rate Classes other than Classes MT and NT, the constant LIBOR value described below, Classes BD, BC, DM, DN, FM, JA, SB, SL, SM, QL and VJ are expected to be issued with OID.

Prospective investors in the Regular Securities should be aware, however, that the foregoing expectations about OID could change because of differences (1) between anticipated purchase prices and actual purchase prices or (2) between the assumed characteristics of the Trust Assets and the characteristics of the Trust Assets actually delivered to the Trust. The prepayment assumption that should be used in determining the rates of accrual of OID, if any,
on the Regular Securities (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement) is as follows.

| Group | PSA |
| :---: | :---: |
| Group 1 | $627 \%$ |
| Group 2 | $521 \%$ |
| Group 3 | $200 \%$ |
| Group 4 | $220 \%$ |
| Group 5 | $236 \%$ |
| Group 6 | $220 \%$ |
| Group 7 | $151 \%$ |
| Group 8 | $304 \%$ |
| Group 9 | $191 \%$ |
| Group 10 | $245 \%$ |
| Group 11 | $191 \%$ |
| Group 12 | $700 \%$ |
| Group 13 | $191 \%$ |
| Group 14 | $236 \%$ |
| Group 15 | $191 \%$ |
| Group 16 | $190 \%$ |

In the case of the Floating Rate Classes other than Classes MT and NT, the constant value of LIBOR to be used for these determinations is $1.10 \%$. No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur or the level of LIBOR at any time after the date of this Supplement. See "Certain Federal Income Tax Consequences" in the Base Offering Circular.

The Regular Securities generally will be treated as "regular interests" in a REMIC for domestic building and loan associations, "permitted assets" for financial asset securitization investment trusts ("FASITs"), and "real estate assets" for real estate investment trusts ("REITs") as described in "Certain Federal Income Tax Consequences" in the Base Offering Circular. Similarly, interest on the Regular Securities will be considered "interest on obligations secured by mortgages on real property" for REITs.

## Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Pooling REMIC and the beneficial ownership of the Residual Interest in the Issuing REMIC. The Residual Securities, i.e., the Class RR Securities, generally will be treated as "residual interests" in a REMIC for domestic building and loan associations and as "real estate assets" for REITs, as described in "Certain Federal Income Tax Consequences" in the Base Offering Circular, but will not be treated as debt for federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the Trust REMICs, and these requirements will continue until there are no outstanding regular interests in the Trust REMICs. Thus, Residual Holders will have taxable income attributable to the Residual Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders. It is not expected that the Pooling REMIC will have a substantial amount of taxable income or loss in any period. However, even though the Holders of the Class RR Securities are not entitled to any stated principal or interest payments on the Class RR Securities, the Issuing REMIC may have substantial taxable income in
certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, a Holder of the Class RR Securities may experience substantial adverse tax timing consequences. Prospective investors are urged to consult their own tax advisors and consider the after-tax effect of ownership of the Residual Securities and the suitability of the Residual Securities to their investment objectives.

Prospective Holders of Residual Securities should be aware that, at issuance, based on the expected prices of the Regular and Residual Securities and the prepayment assumption described above, the residual interests represented by the Residual Securities will be treated as "noneconomic residual interests" as that term is defined in Treasury regulations.

OID accruals on the Underlying Certificates will be computed using the same prepayment assumption as set forth under "Certain Federal Income Tax Consequences - Regular Securities" in this Supplement.

Regulations were recently finalized regarding the federal income tax treatment of "inducement fees" received by transferees of noneconomic REMIC residual interests. The final regulations (i) provide tax accounting rules for the treatment of such fees as income over an appropriate period and (ii) clarify that inducement fees will be treated as income from sources within the United States. The rules set forth in the final regulations apply to taxable years ending on or after May 11, 2004. Prospective purchasers of the Class RR Securities should consult with their tax advisors regarding the effect of these final regulations.

## MX Securities

For a discussion of certain federal income tax consequences applicable to the MX Classes, see "Certain Federal Income Tax Consequences - Tax Treatment of MX Securities", "- Exchanges of MX Classes and Regular Classes" and "- Taxation of Foreign Holders of REMIC Securities and MX Securities" in the Base Offering Circular.

## ERISA MATTERS

Ginnie Mae guarantees distributions of principal and interest with respect to the Securities. The Ginnie Mae Guaranty is supported by the full faith and credit of the United States of America. The Regular and MX Securities will qualify as "guaranteed governmental mortgage pool certificates" within the meaning of a Department of Labor regulation, the effect of which is to provide that mortgage loans and participations therein underlying a "guaranteed governmental mortgage pool certificate" will not be considered assets of an employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), or subject to section 4975 of the Code (each, a "Plan"), solely by reason of the Plan's purchase and holding of that certificate.

Governmental plans and certain church plans, while not subject to the fiduciary responsibility provisions of ERISA or the prohibited transaction provisions of ERISA and the Code, may nevertheless be subject to local, state or other federal laws that are substantially similar to the foregoing provisions of ERISA and the Code. Fiduciaries of any such plans should consult with their counsel before purchasing any of the Securities.

Prospective Plan Investors should consult with their advisors, however, to determine whether the purchase, holding, or resale of a Security could give rise to a transaction that is prohibited or is not otherwise permissible under either ERISA or the Code.

[^14]The Residual Securities are not offered to, and may not be transferred to, a Plan Investor.

## LEGAL INVESTMENT CONSIDERATIONS

Institutions whose investment activities are subject to legal investment laws and regulations or to review by certain regulatory authorities may be subject to restrictions on investment in the Securities. No representation is made about the proper characterization of any Class for legal investment or other purposes, or about the permissibility of the purchase by particular investors of any Class under applicable legal investment restrictions.

Investors should consult their own legal advisors regarding applicable investment restrictions and the effect of any restrictions on the liquidity of the Securities prior to investing in the Securities.

See "Legal Investment Considerations" in the Base Offering Circular.

## PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer each Class to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest, if any, from (1) May 1, 2004 on the Fixed Rate Classes, (2) May 16, 2004 on the Group 1 and 3 Floating Rate and Inverse Floating Rate Classes, and (3) May 20, 2004 on the Group 2, 5, 8, 9, 10, 12, 13, 14, 15 and 16 Floating Rate and Inverse Floating Rate Classes. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

## INCREASE IN SIZE

Before the Closing Date, Ginnie Mae, the Trustee and the Sponsor may agree to increase the size of this offering. In that event, the Group 1, 2, 3, 4 and 7 Securities will have the same characteristics as described in this Supplement, except that (1) the Original Class Principal Balance (or original Class Notional Balance), and (2) and Scheduled Principal Balances and Aggregate Scheduled Principal Balances of each Class receiving principal distributions or interest distributions based upon a notional balance from the same Trust Asset Group will increase by the same proportion. The Trust Agreement, the Final Data Statement, the Final Schedules and the Supplemental Statement, if any, will reflect any increase in the size of the transaction.

## LEGAL MATTERS

Certain legal matters will be passed upon for Ginnie Mae by Hunton \& Williams LLP, for the Trust by Cleary Gottlieb Steen \& Hamilton and Marcell Solomon \& Associates, P.C., and for the Trustee by Seward \& Kissel, LLP.
Schedule I
Available Combinations(1)

| REMIC Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class <br> Notional Balance | Related <br> MX Class | Maximum Original Class Principal Balance or Class Notional Balance(2) | $\begin{gathered} \text { Principal } \\ \text { Type(3) } \\ \hline \end{gathered}$ | Interest Rate | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Security Group 2 |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { Combination } 1 \\ & \text { ST } \\ & \text { SU } \end{aligned}$ | $\begin{array}{r} \$ 10,792,400 \\ 10,792,400 \end{array}$ | SP | \$ 10,792,400 | NTL (PAC) | (7) | INV/IO | 38374 GK 76 | May 2034 |
| $\begin{aligned} & \text { Combination } 2 \\ & \text { SA } \\ & \text { SU } \end{aligned}$ | $\begin{array}{r} \$ 116,666,666 \\ 10,792,400 \end{array}$ | SV | \$127,459,066 | NTL(STP/PAC) | (7) | INV/IO | 38374 GK 84 | May 2034 |
| Security Group 4 |  |  |  |  |  |  |  |  |
| ```Combination 3 QI QO``` | $\begin{array}{r} \$ 19,589,000 \\ 19,589,000 \end{array}$ | PG | \$ 19,589,000 | PAC | 5.50\% | FIX | 38374 GK 92 | May 2034 |
| Combination 4 <br> CM <br> CO | $\begin{array}{r} \$ 10,798,740 \\ 2,454,260 \end{array}$ | CE | \$ 13,253,000 | SUP | 5.50\% | FIX | 38374 GL 26 | May 2034 |
| Combination 5 CM CO | $\begin{array}{r} \$ 10,798,740 \\ 863,900 \end{array}$ | CH | \$ 11,662,640 | SUP | 6.25\% | FIX | 38374 GL 34 | May 2034 |
| $\begin{aligned} & \text { Combination } 6 \\ & \text { CM } \\ & \text { CO } \end{aligned}$ | $\begin{array}{r} \$ 10,798,740 \\ 1,349,843 \end{array}$ | CD | \$ 12,148,583 | SUP | 6.00\% | FIX | 38374 GL 42 | May 2034 |
| Combination 7 <br> CM <br> CO | $\begin{array}{r} \$ 10,798,740 \\ 1,878,042 \end{array}$ | CK | \$ 12,676,782 | SUP | 5.75\% | FIX | 38374 GL 59 | May 2034 |
| Combination 8 <br> CM <br> CO | $\begin{array}{r} \$ 10,798,740 \\ 415,336 \end{array}$ | CL | \$ 11,214,076 | SUP | 6.50\% | FIX | 38374 GL 67 | May 2034 |


|  |  |  | Securit |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Related MX Class | Maximum Original Class Principal Balance or Class Notional Balance(2) | Principal Type(3) | Interest | Interest <br> Type(3) | $\begin{aligned} & \text { CUSIP } \\ & \text { Number } \end{aligned}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| SW (5) | \$ 4,215,222 | SC/TAC / AD | (7) | INV | 38374 GL 75 | February 2034 |
| SY | \$ 8,113,886 | SC/PT | (7) | INV | 38374 GL 83 | February 2034 |
| YH(5) | \$ 4,215,222 | SC/TAC/AD | (7) | INV | 38374 GL 91 | February 2034 |
| OG | \$ 40,057,000 | SC / PAC | 4.75\% | FIX | 38374 GM 25 | December 2031 |
| OE | \$ 40,057,000 | SC / PAC | 5.00\% | FIX | 38374 GM 33 | December 2031 |
| OL | \$ 40,057,000 | SC / PAC | 5.25\% | FIX | 38374 GM 41 | December 2031 |
| OM | \$ 40,057,000 | SC / PAC | 5.50\% | FIX | 38374 GM 58 | December 2031 |
| DC | \$ 65,030,906 | SEQ | 5.00\% | FIX | 38374 GM 66 | March 2031 |
| VK | \$ 29,187,929 | SEQ / AD | 5.00\% | FIX | 38374 GM 74 | June 2023 |


| $\substack{\text { Original Class } \\ \text { Principal Balance } \\ \text { or Class } \\ \text { Notional Balance }}$ |
| :---: |
|  |
|  |
| \$ |


MX Securities

|  | $\begin{aligned} & \text { N } \\ & \text { N } \\ & \text { N } \\ & \text { ì } \\ & \text { N } \end{aligned}$ | $\begin{aligned} & \text { H } \\ & \text { ò } \\ & \text { N } \\ & \vdots \\ & \vdots \\ & 0 \\ & 0 \\ & 0 \\ & u \end{aligned}$ | $\begin{aligned} & \text { + } \\ & \stackrel{0}{2} \\ & \underset{\sim}{7} \\ & \stackrel{y}{4} \end{aligned}$ |  | $\begin{aligned} & \text { w} \\ & \stackrel{y}{2} \\ & \text { N } \\ & \vec{J} \\ & \dot{3} \end{aligned}$ | $\begin{aligned} & \text { H } \\ & \text { ò } \\ & \text { N } \\ & \text { ī } \\ & 0 \\ & 0 \\ & 0 \\ & u \end{aligned}$ | $\begin{aligned} & \text { H } \\ & \text { o } \\ & \text { N } \\ & \vdots \\ & \vdots \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\infty$ $\sum_{i}^{\infty}$ 0 1 1 $\infty$ $\infty$ $\infty$ | 0 $\sum_{2}$ 0 1 1 $\cdots$ $\infty$ $\infty$ |  | $\begin{aligned} & N \\ & \underset{\sim}{\sim} \\ & \underset{\sim}{0} \\ & \text { H} \\ & \cdots \\ & \infty \\ & \sim \end{aligned}$ |  | $\begin{aligned} & \text { N } \\ & \text { in } \\ & \underset{\sim}{0} \\ & \text { H } \\ & n \\ & \infty \\ & n \end{aligned}$ | $n$ 6 $z$ 0 1 1 $\cdots$ 0 $n$ | $n$ 0 $\vdots$ 1 $n$ $n$ $n$ |
|  | 芯 | 录 | 念 | 吕 | 念 | 录 | 㤂 | 主 |
| 宕苞 | $\begin{aligned} & \text { o̊ } \\ & \text { o. } \\ & \text { in } \end{aligned}$ | $\overparen{\aleph}$ | $\begin{aligned} & \text { oे } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \text { o̊ } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \text { o̊ } \\ & \text { in } \\ & \text { in } \end{aligned}$ | $\overparen{\star}$ | $\overparen{\star}$ | ® |
|  | $\begin{aligned} & 0 \\ & w \\ & \omega \end{aligned}$ | $\stackrel{\leftarrow}{\vdots}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & y \\ & \vdots \\ & 0 \\ & \infty \end{aligned}$ | $\begin{aligned} & \stackrel{H}{5} \\ & \vdots \\ & \vdots \end{aligned}$ | $\begin{aligned} & \stackrel{H}{2} \\ & \vdots \\ & \sim \end{aligned}$ | $\stackrel{5}{\omega}$ | $\stackrel{L}{2}_{5}^{5}$ | $\stackrel{5}{2}$ |
|  | $\begin{aligned} & \text { N } \\ & \text { N } \\ & \text { I } \\ & \text { N } \\ & \text { N } \\ & \infty \end{aligned}$ | $$ | $\begin{aligned} & m \\ & \underset{n}{n} \\ & \cdots \\ & \infty \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \hat{i} \\ & \underset{\sim}{n} \\ & \underset{\sim}{n} \\ & \underset{\sim}{2} \end{aligned}$ |  |  | $$ | 12 2 0 6 6 $i n$ |
| $\pm$ 二 | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |
|  | $\xrightarrow[1]{\mathrm{N}}$ | そ | $\stackrel{\ominus}{4}$ | U | $\underset{4}{\infty}$ | 3 | $\mathfrak{s}$ | $\propto$ |

REMIC Securities

$24,914,498$
$29,187,929$
$34,200,000$
$\$ \quad 6,932,208$
$7,098,580$

$\begin{array}{rr}\text { \＄} \\ 9,211,741 \\ 33,701,492 \\ \$ & 6,740,298 \\ 33,701,492 \\ \$ & 5,616,915 \\ 33,701,492\end{array}$

$$
\begin{gathered}
\text { Combination } 18 \\
\text { VJ } \\
\text { VK (6) } \\
\text { ZK } \\
\text { Security Group } \mathbf{8} \\
\text { Combination } 19 \\
\text { SL } \\
\text { SM } \\
\text { Security Group } 9 \\
\text { Combination } 20 \\
\text { AF } \\
\text { AS } \\
\text { Combination } 21 \\
\text { AD }(6) \\
\text { AZ } \\
\text { Combination } 22 \\
\text { AC }(6) \\
\text { AO } \\
\text { Security Group } \mathbf{1 0} \\
\text { Combination } 23 \\
\text { DO } \\
\text { DS } \\
\text { Combination } 24 \\
\text { DO } \\
\text { DS } \\
\text { Combination } 25 \\
\text { DO } \\
\text { DS }
\end{gathered}
$$

REMIC Securities

| Class | Original Class Principal Balance or Class <br> Notional Balance |
| :---: | :---: |
| Security Group 11 |  |
| Combination 26 |  |
| BA | \$ 97,624,000 |
| BC | 9,798,000 |
| Combination 27 |  |
| BC | \$ 9,798,000 |
| BD | 12,205,967 |
| Combination 28 |  |
| BA | \$ 97,624,000 |
| BC | 9,798,000 |
| BD | 12,205,967 |
| Security Group 12 |  |
| Combination 29 |  |
| FM | \$ 23,245,626 |
| MT | 1,549,708 |
| Security Group 13 |  |
| Combination 30 |  |
| FN | \$ 7,336,915 |
| NT | 978,255 |
| Security Group 14 |  |
| Combination 31 |  |
| JO | \$ 19,968,432 |
| JS | 124,802,700 |
| Combination 32 |  |
| JO | \$ 18,720,405 |
| JS | 124,802,700 |
| Combination 33 |  |
| JO | \$ 17,619,205 |
| JS | 124,802,700 |

REMIC Securities



\$ 14,976,324
$\$ 14,263,166$
$124,802,700$



$$
\begin{aligned}
& \text { Class } \\
& \text { Combination } 34 \\
& \text { JO } \\
& \text { JS } \\
& \text { Combination } 35 \\
& \text { JO } \\
& \text { JS } \\
& \text { Combination } 36 \\
& \text { JO } \\
& \text { JS } \\
& \text { Combination } 37 \\
& \text { JO } \\
& \text { JS } \\
& \text { Security Group } \mathbf{1 5} \\
& \text { Combination } 38 \\
& \text { NO } \\
& \text { NS } \\
& \text { Combination } 39 \\
& \text { NO } \\
& \text { NS } \\
& \text { Combination } 40 \\
& \text { NO } \\
& \text { NS } \\
& \text { Security Group } \mathbf{1 6} \\
& \text { Combination } 41 \\
& \text { IS } \\
& \text { YO } \\
& \text { Combination } 42
\end{aligned}
$$



## SCHEDULED PRINCIPAL BALANCES

| $\underline{\text { Distribution Date }}$ | Classes AF and AS <br> (in the aggregate) | Classes FP and TA <br> (in the aggregate) | Class JA |
| :---: | :---: | :---: | :---: |
| Initial Balance | \$11,483,133.00 | \$26,981,000.00 | \$25,852,000.00 |
| June 2004 | 11,457,166.92 | 26,612,236.58 | 25,494,413.10 |
| July 2004 | 11,429,994.17 | 26,232,529.86 | 25,128,512.18 |
| August 2004 | 11,401,633.63 | 25,842,159.20 | 24,754,792.09 |
| September 2004 | 11,372,104.73 | 25,441,338.68 | 24,373,834.04 |
| October 2004 | 11,341,428.69 | 25,030,288.64 | 23,986,232.63 |
| November 2004 | 11,309,629.13 | 24,609,235.52 | 23,592,594.50 |
| December 2004 | 11,276,730.77 | 24,190,936.89 | 23,207,100.48 |
| January 2005 | 11,242,760.06 | 23,775,374.89 | 22,829,616.65 |
| February 2005 | 11,207,745.10 | 23,362,531.79 | 22,460,011.00 |
| March 2005 | 11,171,715.62 | 22,952,389.97 | 22,098,153.46 |
| April 2005 | 11,135,368.23 | 22,544,931.92 | 21,743,915.84 |
| May 2005 | 11,098,803.61 | 22,140,140.25 | 21,397,171.80 |
| June 2005 | 11,062,047.66 | 21,737,997.68 | 21,057,796.84 |
| July 2005 | 11,025,119.16 | 21,338,487.04 | 20,725,668.28 |
| August 2005 | 10,988,455.62 | 20,941,591.27 | 20,400,665.19 |
| September 2005 | 10,952,068.10 | 20,547,293.43 | 20,082,668.43 |
| October 2005 | 10,915,975.04 | 20,155,576.67 | 19,771,560.57 |
| November 2005 | 10,880,188.97 | 19,766,424.27 | 19,467,225.91 |
| December 2005 | 10,844,723.18 | 19,379,819.61 | 19,169,550.41 |
| January 2006 | 10,804,037.20 | 18,995,746.18 | 18,878,421.70 |
| February 2006 | 10,761,932.56 | 18,614,187.57 | 18,593,729.05 |
| March 2006 | 10,718,457.99 | 18,235,127.48 | 18,315,363.34 |
| April 2006 | 10,673,779.19 | 17,858,549.72 | 18,043,217.06 |
| May 2006 | 10,628,560.79 | 17,484,438.20 | 17,777,184.24 |
| June 2006 | 10,583,354.25 | 17,112,776.94 | 17,517,160.47 |
| July 2006 | 10,538,739.41 | 16,743,550.06 | 17,263,042.87 |
| August 2006 | 10,494,709.17 | 16,376,741.77 | 17,014,730.06 |
| September 2006 | 10,451,256.44 | 16,012,336.40 | 16,772,122.16 |
| October 2006 | 10,408,374.24 | 15,650,318.38 | 16,535,120.71 |
| November 2006 | 10,366,055.61 | 15,290,672.23 | 16,303,628.74 |
| December 2006 | 10,324,293.66 | 14,933,382.58 | 16,077,550.66 |
| January 2007 | 10,283,081.57 | 14,578,434.16 | 15,856,792.31 |
| February 2007 | 10,242,412.56 | 14,225,811.79 | 15,641,260.90 |
| March 2007 | 10,202,279.92 | 13,875,500.40 | 15,430,865.00 |
| April 2007 | 10,162,676.99 | 13,527,485.00 | 15,225,514.54 |
| May 2007 | 10,123,597.16 | 13,181,750.72 | 15,025,120.74 |
| June 2007 | 10,085,033.89 | 12,838,282.76 | 14,829,596.16 |
| July 2007 | 10,046,980.69 | 12,497,066.44 | 14,638,854.63 |
| August 2007 | 10,009,431.11 | 12,158,087.17 | 14,452,811.25 |

S-II-1

| Distribution Date | Classes AF and AS <br> (in the aggregate) |
| :---: | :---: |
| September 2007. | \$ 9,972,378.78 |
| October 2007 | 9,935,817.35 |
| November 2007 | 9,899,740.56 |
| December 2007. | 9,864,142.17 |
| January 2008 | 9,829,016.02 |
| February 2008 | 9,794,355.97 |
| March 2008 | 9,760,155.97 |
| April 2008 | 9,726,409.98 |
| May 2008 | 9,693,112.05 |
| June 2008 | 9,660,256.24 |
| July 2008 | 9,627,836.70 |
| August 2008 | 9,595,847.59 |
| September 2008. | 9,564,283.15 |
| October 2008 | 9,533,137.64 |
| November 2008 | 9,502,405.40 |
| December 2008. | 9,472,080.80 |
| January 2009 | 9,442,158.24 |
| February 2009 | 9,412,632.20 |
| March 2009 | 9,383,497.18 |
| April 2009 | 9,354,747.74 |
| May 2009 | 9,326,378.48 |
| June 2009 | 9,298,384.04 |
| July 2009 | 9,270,759.12 |
| August 2009 | 9,243,498.45 |
| September 2009 | 9,216,596.80 |
| October 2009 | 9,190,048.99 |
| November 2009 | 9,163,849.90 |
| December 2009 | 9,137,994.42 |
| January 2010 | 9,112,477.50 |
| February 2010 | 9,087,294.14 |
| March 2010 | 9,062,439.36 |
| April 2010 | 9,037,908.24 |
| May 2010 | 9,013,695.89 |
| June 2010 | 8,989,797.47 |
| July 2010 | 8,966,208.16 |
| August 2010 | 8,942,923.20 |
| September 2010. | 8,916,020.27 |
| October 2010 | 8,885,304.77 |
| November 2010 | 8,850,894.45 |
| December 2010 | 8,812,904.10 |
| January 2011 | 8,771,445.62 |
| February 2011 | 8,726,628.07 |
| March 2011 | 8,678,557.75 |
| April 2011 | 8,627,338.27 |


| Classes FP and TA <br> (in the aggregate) | Class JA |
| :---: | :---: |
| \$11,821,330.44 | \$14,271,382.37 |
| 11,486,781.85 | 14,094,485.57 |
| 11,154,427.08 | 13,922,039.66 |
| 10,824,251.92 | 13,753,964.62 |
| 10,496,242.23 | 13,590,181.66 |
| 10,170,383.98 | 13,430,613.10 |
| 9,846,663.22 | 13,275,182.45 |
| 9,525,066.10 | 13,123,814.33 |
| 9,205,578.85 | 12,976,434.47 |
| 8,888,187.80 | 12,832,969.72 |
| 8,572,879.36 | 12,693,348.00 |
| 8,259,640.03 | 12,557,498.31 |
| 7,948,456.39 | 12,425,350.70 |
| 7,641,022.99 | 12,295,128.38 |
| 7,345,149.49 | 12,158,940.57 |
| 7,060,403.54 | 12,017,139.59 |
| 6,786,368.89 | 11,870,062.73 |
| 6,522,644.79 | 11,718,032.86 |
| 6,268,845.43 | 11,561,358.95 |
| 6,024,599.37 | 11,400,336.64 |
| 5,789,549.00 | 11,235,248.78 |
| 5,563,350.04 | 11,066,365.87 |
| 5,345,671.05 | 10,893,946.59 |
| 5,136,192.94 | 10,718,238.23 |
| 4,934,608.52 | 10,539,477.16 |
| 4,740,622.05 | 10,357,889.27 |
| 4,553,948.82 | 10,173,690.33 |
| 4,374,314.74 | 9,987,086.44 |
| 4,201,455.94 | 9,798,274.39 |
| 4,035,118.40 | 9,607,442.04 |
| 3,875,057.58 | 9,414,768.62 |
| 3,721,038.06 | 9,220,425.17 |
| 3,572,833.21 | 9,024,574.78 |
| 3,430,224.86 | 8,827,372.94 |
| 3,293,002.99 | 8,628,967.83 |
| 3,160,965.42 | 8,429,500.63 |
| 3,033,917.51 | 8,229,105.79 |
| 2,911,671.91 | 8,027,911.31 |
| 2,794,048.26 | 7,826,038.95 |
| 2,680,872.93 | 7,623,604.57 |
| 2,571,978.80 | 7,420,718.28 |
| 2,467,204.98 | 7,217,484.72 |
| 2,366,396.60 | 7,014,003.29 |
| 2,269,404.57 | 6,810,368.33 |


| Distribution Date | Classes AF and AS <br> (in the aggregate) |
| :---: | :---: |
| May 2011 | \$ 8,573,070.61 |
| June 2011 | 8,515,853.16 |
| July 2011 | 8,455,781.82 |
| August 2011 | 8,392,950.02 |
| September 2011 | 8,327,448.83 |
| October 2011 | 8,259,366.95 |
| November 2011 | 8,188,790.83 |
| December 2011 | 8,115,804.66 |
| January 2012 | 8,040,490.50 |
| February 2012 | 7,962,928.24 |
| March 2012 | 7,883,195.75 |
| April 2012 | 7,801,368.85 |
| May 2012 | 7,717,521.38 |
| June 2012 | 7,631,725.27 |
| July 2012 | 7,544,050.56 |
| August 2012 | 7,454,565.48 |
| September 2012 | 7,363,336.43 |
| October 2012 | 7,270,428.08 |
| November 2012 | 7,175,903.41 |
| December 2012 | 7,079,823.70 |
| January 2013 | 6,982,248.63 |
| February 2013 | 6,883,236.28 |
| March 2013 | 6,782,843.19 |
| April 2013 | 6,681,124.38 |
| May 2013 | 6,578,133.40 |
| June 2013 | 6,473,922.35 |
| July 2013 | 6,368,541.94 |
| August 2013 | 6,262,041.51 |
| September 2013 | 6,154,469.03 |
| October 2013 | 6,045,871.20 |
| November 2013 | 5,936,293.43 |
| December 2013 | 5,825,779.87 |
| January 2014 | 5,714,373.50 |
| February 2014 | 5,602,116.07 |
| March 2014 | 5,489,048.19 |
| April 2014 | 5,375,209.35 |
| May 2014 | 5,260,637.93 |
| June 2014 | 5,145,371.24 |
| July 2014 | 5,029,445.53 |
| August 2014 | 4,912,896.06 |
| September 2014 | 4,795,757.05 |
| October 2014 | 4,678,061.77 |
| November 2014 | 4,559,842.55 |
| December 2014 | 4,441,130.76 |


| Classes FP and TA <br> (in the aggregate) | Class JA |
| :---: | :---: |
| \$ 2,176,085.40 | \$ 6,606,669.33 |
| 2,086,300.94 | 6,402,991.15 |
| 1,999,918.22 | 6,199,414.21 |
| 1,916,809.25 | 5,996,014.64 |
| 1,836,850.83 | 5,792,864.48 |
| 1,759,924.36 | 5,590,031.85 |
| 1,685,915.68 | 5,387,581.12 |
| 1,614,714.91 | 5,185,573.03 |
| 1,546,216.29 | 4,984,064.88 |
| 1,480,318.01 | 4,783,110.65 |
| 1,416,922.08 | 4,582,761.16 |
| 1,355,934.18 | 4,383,064.18 |
| 1,297,263.52 | 4,184,064.57 |
| 1,240,822.72 | 3,985,804.41 |
| 1,186,527.67 | 3,788,323.09 |
| 1,134,297.42 | 3,591,657.48 |
| 1,084,054.06 | 3,395,841.96 |
| 1,035,722.58 | 3,200,908.61 |
| 989,230.80 | 3,006,887.24 |
| 944,509.25 | 2,813,805.55 |
| 901,491.07 | 2,621,689.15 |
| 860,111.89 | 2,430,561.73 |
| 820,309.78 | 2,240,445.09 |
| 782,025.12 | 2,051,359.22 |
| 745,200.54 | 1,863,322.43 |
| 709,780.82 | 1,676,351.39 |
| 675,712.81 | 1,490,461.19 |
| 642,945.36 | 1,305,665.45 |
| 611,429.25 | 1,121,976.37 |
| 581,117.10 | 939,404.76 |
| 551,963.32 | 757,960.18 |
| 523,924.03 | 577,650.92 |
| 496,957.01 | 398,484.09 |
| 471,021.61 | 220,465.71 |
| 446,078.73 | 43,600.70 |
| 422,090.73 | 0.00 |
| 399,021.38 | 0.00 |
| 376,835.84 | 0.00 |
| 355,500.56 | 0.00 |
| 334,983.26 | 0.00 |
| 315,252.88 | 0.00 |
| 296,279.52 | 0.00 |
| 278,034.42 | 0.00 |
| 260,489.90 | 0.00 |


| Distribution Date | Classes AF and AS <br> (in the aggregate) | Classes FP and TA <br> (in the aggregate) |  | Class JA |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January 2015 | \$ 4,321,956.90 | \$ | 243,619.33 | \$ | 0.00 |
| February 2015 | 4,202,350.57 |  | 227,397.07 |  | 0.00 |
| March 2015 | 4,082,340.51 |  | 211,798.46 |  | 0.00 |
| April 2015 | 3,961,954.64 |  | 196,799.77 |  | 0.00 |
| May 2015 | 3,841,220.03 |  | 182,378.16 |  | 0.00 |
| June 2015 | 3,720,162.97 |  | 168,511.66 |  | 0.00 |
| July 2015 | 3,598,808.96 |  | 155,179.12 |  | 0.00 |
| August 2015 | 3,477,182.77 |  | 142,360.20 |  | 0.00 |
| September 2015. | 3,355,308.39 |  | 130,035.32 |  | 0.00 |
| October 2015 | 3,233,209.11 |  | 118,185.65 |  | 0.00 |
| November 2015 | 3,110,907.50 |  | 106,793.06 |  | 0.00 |
| December 2015 | 2,988,425.46 |  | 95,840.11 |  | 0.00 |
| January 2016 | 2,865,784.21 |  | 85,310.02 |  | 0.00 |
| February 2016 | 2,743,004.30 |  | 75,186.65 |  | 0.00 |
| March 2016 | 2,620,105.68 |  | 65,454.47 |  | 0.00 |
| April 2016 | 2,497,107.64 |  | 56,098.53 |  | 0.00 |
| May 2016 | 2,374,028.88 |  | 47,104.45 |  | 0.00 |
| June 2016 | 2,250,887.51 |  | 38,458.40 |  | 0.00 |
| July 2016 | 2,127,701.05 |  | 30,147.07 |  | 0.00 |
| August 2016 | 2,004,486.48 |  | 22,157.65 |  | 0.00 |
| September 2016 | 1,881,260.22 |  | 14,477.83 |  | 0.00 |
| October 2016 | 1,758,038.14 |  | 7,095.75 |  | 0.00 |
| November 2016 | 1,634,835.60 |  | 0.00 |  | 0.00 |
| December 2016 | 1,511,667.47 |  | 0.00 |  | 0.00 |
| January 2017 | 1,388,548.09 |  | 0.00 |  | 0.00 |
| February 2017 | 1,265,491.35 |  | 0.00 |  | 0.00 |
| March 2017 | 1,142,510.64 |  | 0.00 |  | 0.00 |
| April 2017 | 1,019,618.90 |  | 0.00 |  | 0.00 |
| May 2017 | 896,828.64 |  | 0.00 |  | 0.00 |
| June 2017 | 774,151.91 |  | 0.00 |  | 0.00 |
| July 2017 | 651,600.34 |  | 0.00 |  | 0.00 |
| August 2017 | 529,185.15 |  | 0.00 |  | 0.00 |
| September 2017. | 406,917.17 |  | 0.00 |  | 0.00 |
| October 2017 | 284,806.80 |  | 0.00 |  | 0.00 |
| November 2017 | 162,864.09 |  | 0.00 |  | 0.00 |
| December 2017 | 41,098.69 |  | 0.00 |  | 0.00 |
| January 2018 and | 0.00 |  | 0.00 |  | 0.00 |


| $\underline{\text { Distribution Date }}$ | $\begin{aligned} & \text { Classes JA and ZB } \\ & \text { (in the aggregate) } \end{aligned}$ | Class KA | $\begin{gathered} \text { Classes OA, OB, } \\ \text { OC and OD } \\ \text { (in the aggregate) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Initial Balance | \$30,852,000.00 | \$11,944,237.00 | \$98,013,000.00 |
| June 2004 | 29,714,918.65 | 11,944,237.00 | 98,013,000.00 |
| July 2004 | 28,561,717.25 | 11,944,237.00 | 98,013,000.00 |
| August 2004 | 27,395,516.75 | 11,944,237.00 | 98,013,000.00 |
| September 2004 | 26,219,546.05 | 11,944,237.00 | 98,013,000.00 |
| October 2004 | 25,037,056.97 | 11,944,237.00 | 98,013,000.00 |
| November 2004 | 23,851,310.74 | 11,944,237.00 | 98,013,000.00 |
| December 2004 | 22,713,362.18 | 11,944,237.00 | 98,013,000.00 |
| January 2005 | 21,621,643.72 | 11,944,237.00 | 98,013,000.00 |
| February 2005 | 20,574,637.14 | 11,944,237.00 | 98,013,000.00 |
| March 2005 | 19,570,872.09 | 11,944,237.00 | 98,013,000.00 |
| April 2005 | 18,608,924.60 | 11,944,237.00 | 98,013,000.00 |
| May 2005 | 17,687,415.61 | 11,944,237.00 | 98,013,000.00 |
| June 2005 | 16,805,009.56 | 11,944,237.00 | 98,013,000.00 |
| July 2005 | 15,960,413.08 | 11,944,237.00 | 98,013,000.00 |
| August 2005 | 15,152,373.62 | 11,944,237.00 | 98,013,000.00 |
| September 2005 | 14,379,678.21 | 11,944,237.00 | 98,013,000.00 |
| October 2005 | 13,641,152.20 | 11,944,237.00 | 98,013,000.00 |
| November 2005 | 12,935,658.09 | 11,944,237.00 | 98,013,000.00 |
| December 2005 | 12,262,094.34 | 11,944,237.00 | 98,013,000.00 |
| January 2006 | 11,619,394.27 | 11,944,237.00 | 98,013,000.00 |
| February 2006 | 11,006,524.97 | 11,944,237.00 | 98,013,000.00 |
| March 2006 | 10,422,486.23 | 11,944,237.00 | 98,013,000.00 |
| April 2006 | 9,866,309.52 | 11,944,237.00 | 98,013,000.00 |
| May 2006 | 9,337,057.03 | 11,944,237.00 | 98,013,000.00 |
| June 2006 | 8,833,820.65 | 11,944,237.00 | 98,013,000.00 |
| July 2006 | 8,355,721.10 | 11,944,237.00 | 98,013,000.00 |
| August 2006 | 7,901,907.01 | 11,944,237.00 | 98,013,000.00 |
| September 2006 | 7,471,554.05 | 11,944,237.00 | 98,013,000.00 |
| October 2006 | 7,063,864.03 | 11,944,237.00 | 98,013,000.00 |
| November 2006 | 6,678,064.19 | 11,944,237.00 | 98,013,000.00 |
| December 2006 | 6,313,406.31 | 11,944,237.00 | 97,087,028.50 |
| January 2007 | 5,969,165.98 | 11,944,237.00 | 95,793,381.47 |
| February 2007 | 5,644,641.84 | 11,944,237.00 | 94,506,455.23 |
| March 2007 | 5,339,154.90 | 11,944,237.00 | 93,226,215.19 |
| April 2007 | 5,052,047.79 | 11,944,237.00 | 91,952,626.95 |
| May 2007 | 4,782,684.10 | 11,944,237.00 | 90,685,656.28 |
| June 2007 | 4,530,447.73 | 11,944,237.00 | 89,425,269.12 |
| July 2007 | 4,294,742.24 | 11,944,237.00 | 88,171,431.61 |
| August 2007 | 4,074,990.25 | 11,944,237.00 | 86,924,110.04 |
| September 2007 | 3,870,632.85 | 11,944,237.00 | 85,683,270.88 |
| October 2007 | 3,681,128.97 | 11,944,237.00 | 84,448,880.77 |
| November 2007 | 3,505,954.89 | 11,944,237.00 | 83,220,906.53 |

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| Distribution Date | $\underset{\text { Classes JA and ZB }}{\text { (in the agregate) }}$ (in the aggregate) | Class KA | Classes OA, OB, <br> OC and OD <br> (in the aggregate) |
| :---: | :---: | :---: | :---: |
| December 2007. | \$ 3,344,603.65 | \$11,944,237.00 | \$81,999,315.15 |
| January 2008 | 3,196,584.54 | 11,944,237.00 | 80,784,073.78 |
| February 2008 | 3,061,422.58 | 11,944,237.00 | 79,575,149.75 |
| March 2008 | 2,938,658.06 | 11,944,237.00 | 78,372,510.55 |
| April 2008 | 2,827,845.99 | 11,944,237.00 | 77,176,123.84 |
| May 2008 | 2,728,555.73 | 11,944,237.00 | 75,985,957.44 |
| June 2008 | 2,640,370.45 | 11,944,237.00 | 74,801,979.35 |
| July 2008 | 2,562,886.76 | 11,944,237.00 | 73,624,157.72 |
| August 2008 | 2,495,714.27 | 11,944,237.00 | 72,452,460.88 |
| September 2008. | 2,438,475.18 | 11,944,237.00 | 71,286,857.30 |
| October 2008 | 2,389,095.99 | 11,944,237.00 | 70,127,315.64 |
| November 2008 | 2,339,400.01 | 11,944,237.00 | 68,973,804.69 |
| December 2008. | 2,289,464.05 | 11,944,237.00 | 67,826,293.43 |
| January 2009 | 2,239,360.00 | 11,944,237.00 | 66,684,750.98 |
| February 2009 | 2,189,155.07 | 11,944,237.00 | 65,549,146.63 |
| March 2009 | 2,138,911.99 | 11,944,237.00 | 64,419,449.82 |
| April 2009 | 2,088,689.29 | 11,944,237.00 | 63,295,630.15 |
| May 2009 | 2,038,541.48 | 11,944,237.00 | 62,177,657.38 |
| June 2009 | 1,988,519.27 | 11,944,237.00 | 61,065,501.42 |
| July 2009 | 1,938,669.76 | 11,944,237.00 | 59,959,132.33 |
| August 2009 | 1,889,036.62 | 11,944,237.00 | 58,858,520.34 |
| September 2009 | 1,839,660.30 | 11,944,237.00 | 57,763,635.82 |
| October 2009 | 1,790,578.17 | 11,944,237.00 | 56,674,449.30 |
| November 2009 | 1,741,824.70 | 11,944,237.00 | 55,590,931.46 |
| December 2009 | 1,693,431.61 | 11,944,237.00 | 54,513,053.12 |
| January 2010 | 1,645,428.00 | 11,944,237.00 | 53,440,785.26 |
| February 2010 | 1,597,840.55 | 11,944,237.00 | 52,374,099.02 |
| March 2010 | 1,550,693.56 | 11,944,237.00 | 51,312,965.67 |
| April 2010 | 1,504,009.18 | 11,944,237.00 | 50,257,356.63 |
| May 2010 | 1,457,807.47 | 11,944,237.00 | 49,207,243.47 |
| June 2010 | 1,412,106.51 | 11,944,237.00 | 48,162,597.92 |
| July 2010 | 1,366,922.55 | 11,944,237.00 | 47,123,391.83 |
| August 2010 | 1,322,270.10 | 11,944,237.00 | 46,089,597.21 |
| September 2010. | 1,278,162.03 | 11,944,237.00 | 45,061,186.22 |
| October 2010 | 1,234,609.65 | 11,944,237.00 | 44,038,131.15 |
| November 2010 | 1,191,622.82 | 11,944,237.00 | 43,020,404.43 |
| December 2010. | 1,149,210.04 | 11,944,237.00 | 42,007,978.65 |
| January 2011 | 1,107,378.51 | 11,944,237.00 | 41,000,826.53 |
| February 2011 | 1,066,134.23 | 11,944,237.00 | 39,998,920.92 |
| March 2011 | 1,025,482.06 | 11,944,237.00 | 39,002,234.83 |
| April 2011 | 985,425.82 | 11,944,237.00 | 38,010,741.40 |
| May 2011 | 945,968.31 | 11,944,237.00 | 37,024,413.90 |
| June 2011 | 907,111.40 | 11,944,237.00 | 36,043,225.75 |


| Distribution Date | $\underset{\text { Classes JA and ZB }}{\text { (in the aggregate) }}$ |  | Class KA | Classes OA, OB, OC and OD, (in the aggregate |
| :---: | :---: | :---: | :---: | :---: |
| July 2011 | \$ | 868,856.10 | \$11,944,237.00 | \$35,067,150.50 |
| August 2011 |  | 831,202.60 | 11,944,237.00 | 34,096,161.83 |
| September 2011 |  | 794,150.32 | 11,944,237.00 | 33,130,233.57 |
| October 2011 |  | 757,698.00 | 11,942,568.78 | 32,169,339.68 |
| November 2011 |  | 721,843.72 | 11,930,652.19 | 31,213,454.25 |
| December 2011 |  | 686,584.92 | 11,909,190.44 | 30,262,551.50 |
| January 2012 |  | 651,918.49 | 11,878,396.74 | 29,316,605.79 |
| February 2012 |  | 617,840.82 | 11,838,480.44 | 28,375,591.61 |
| March 2012 |  | 584,347.76 | 11,789,647.10 | 27,439,483.58 |
| April 2012 |  | 551,434.77 | 11,732,098.55 | 26,508,256.44 |
| May 2012 |  | 519,096.87 | 11,666,032.96 | 25,581,885.08 |
| June 2012 |  | 487,328.69 | 11,594,162.76 | 24,660,344.51 |
| July 2012 |  | 456,124.55 | 11,521,227.81 | 23,743,609.87 |
| August 2012 |  | 425,478.43 | 11,447,280.73 | 22,834,257.05 |
| September 2012 |  | 395,384.00 | 11,372,372.77 | 21,938,181.61 |
| October 2012 |  | 365,834.72 | 11,296,553.84 | 21,055,195.95 |
| November 2012 |  | 336,823.79 | 11,219,872.53 | 20,185,115.08 |
| December 2012 |  | 308,344.19 | 11,142,376.16 | 19,327,756.57 |
| January 2013 |  | 280,388.71 | 11,064,110.77 | 18,482,940.52 |
| February 2013 |  | 252,950.01 | 10,985,121.17 | 17,650,489.53 |
| March 2013 |  | 226,020.55 | 10,905,450.98 | 16,830,228.66 |
| April 2013 |  | 199,592.69 | 10,825,142.63 | 16,021,985.39 |
| May 2013 |  | 173,658.67 | 10,744,237.40 | 15,225,589.61 |
| June 2013 |  | 148,210.65 | 10,662,775.45 | 14,440,873.55 |
| July 2013 |  | 123,240.71 | 10,580,795.84 | 13,667,671.78 |
| August 2013 |  | 98,740.84 | 10,498,336.55 | 12,905,821.18 |
| September 2013 |  | 74,703.00 | 10,415,434.50 | 12,155,160.87 |
| October 2013 |  | 51,119.12 | 10,332,125.58 | 11,415,532.22 |
| November 2013 |  | 27,981.08 | 10,248,444.67 | 10,686,778.80 |
| December 2013 |  | 5,280.78 | 10,164,425.67 | 9,968,746.36 |
| January 2014 |  | 0.00 | 10,080,101.53 | 9,261,282.78 |
| February 2014 |  | 0.00 | 9,995,504.23 | 8,564,238.06 |
| March 2014 |  | 0.00 | 9,910,664.85 | 7,877,464.29 |
| April 2014 |  | 0.00 | 9,825,613.56 | 7,200,815.61 |
| May 2014 |  | 0.00 | 9,740,379.65 | 6,534,148.19 |
| June 2014 |  | 0.00 | 9,654,991.57 | 5,877,320.20 |
| July 2014 |  | 0.00 | 9,569,476.89 | 5,230,191.79 |
| August 2014 |  | 0.00 | 9,483,862.39 | 4,592,625.05 |
| September 2014 |  | 0.00 | 9,398,174.04 | 3,964,483.99 |
| October 2014 |  | 0.00 | 9,312,437.03 | 3,345,634.51 |
| November 2014 |  | 0.00 | 9,226,675.77 | 2,735,944.38 |
| December 2014 |  | 0.00 | 9,140,913.93 | 2,135,283.20 |
| January 2015 |  | 0.00 | 9,055,174.46 | 1,543,522.41 |

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| Distribution Date | Classes JA and ZB <br> (in the aggregate) |  | Class KA |  | Classes OA, OB, <br> OC and OD <br> (in the aggregate) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| February 2015 | \$ | 0.00 | \$ | 8,969,479.57 | \$ | 960,535.22 |
| March 2015 |  | 0.00 |  | 8,883,850.78 |  | 386,196.61 |
| April 2015 |  | 0.00 |  | 8,798,308.93 |  | 0.00 |
| May 2015 |  | 0.00 |  | 8,712,874.20 |  | 0.00 |
| June 2015 |  | 0.00 |  | 8,627,566.10 |  | 0.00 |
| July 2015 |  | 0.00 |  | 8,542,403.53 |  | 0.00 |
| August 2015 |  | 0.00 |  | 8,457,404.75 |  | 0.00 |
| September 2015 |  | 0.00 |  | 8,372,587.43 |  | 0.00 |
| October 2015 |  | 0.00 |  | 8,287,968.64 |  | 0.00 |
| November 2015 |  | 0.00 |  | 8,203,564.86 |  | 0.00 |
| December 2015 |  | 0.00 |  | 8,119,392.01 |  | 0.00 |
| January 2016 |  | 0.00 |  | 8,035,465.47 |  | 0.00 |
| February 2016 |  | 0.00 |  | 7,951,800.07 |  | 0.00 |
| March 2016 |  | 0.00 |  | 7,868,410.14 |  | 0.00 |
| April 2016 |  | 0.00 |  | 7,785,309.46 |  | 0.00 |
| May 2016 |  | 0.00 |  | 7,702,511.34 |  | 0.00 |
| June 2016 |  | 0.00 |  | 7,620,028.59 |  | 0.00 |
| July 2016 |  | 0.00 |  | 7,537,873.54 |  | 0.00 |
| August 2016 |  | 0.00 |  | 7,456,058.06 |  | 0.00 |
| September 2016 |  | 0.00 |  | 7,374,593.58 |  | 0.00 |
| October 2016 |  | 0.00 |  | 7,293,491.06 |  | 0.00 |
| November 2016 |  | 0.00 |  | 7,212,761.05 |  | 0.00 |
| December 2016 |  | 0.00 |  | 7,132,413.68 |  | 0.00 |
| January 2017 |  | 0.00 |  | 7,052,458.65 |  | 0.00 |
| February 2017 |  | 0.00 |  | 6,972,905.28 |  | 0.00 |
| March 2017 |  | 0.00 |  | 6,893,762.49 |  | 0.00 |
| April 2017 |  | 0.00 |  | 6,815,038.82 |  | 0.00 |
| May 2017 |  | 0.00 |  | 6,736,742.46 |  | 0.00 |
| June 2017 |  | 0.00 |  | 6,658,881.21 |  | 0.00 |
| July 2017 |  | 0.00 |  | 6,581,462.52 |  | 0.00 |
| August 2017 |  | 0.00 |  | 6,504,493.51 |  | 0.00 |
| September 2017 |  | 0.00 |  | 6,427,980.97 |  | 0.00 |
| October 2017 |  | 0.00 |  | 6,351,931.35 |  | 0.00 |
| November 2017 |  | 0.00 |  | 6,276,350.79 |  | 0.00 |
| December 2017 |  | 0.00 |  | 6,201,245.12 |  | 0.00 |
| January 2018. |  | 0.00 |  | 6,126,619.86 |  | 0.00 |
| February 2018 |  | 0.00 |  | 6,052,480.25 |  | 0.00 |
| March 2018 |  | 0.00 |  | 5,978,831.24 |  | 0.00 |
| April 2018 |  | 0.00 |  | 5,905,677.51 |  | 0.00 |
| May 2018 |  | 0.00 |  | 5,833,023.44 |  | 0.00 |
| June 2018 |  | 0.00 |  | 5,760,873.19 |  | 0.00 |
| July 2018 |  | 0.00 |  | 5,689,230.62 |  | 0.00 |
| August 2018 |  | 0.00 |  | 5,618,099.38 |  | 0.00 |


| Distribution Date | Classes JA and ZB (in the aggregate) |  | Class KA |  | Classes OA, OB, OC and OD (in the aggregate) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September 2018. | \$ | 0.00 | \$ | 5,547,482.85 | \$ | 0.00 |
| October 2018 |  | 0.00 |  | 5,477,384.18 |  | 0.00 |
| November 2018 |  | 0.00 |  | 5,407,806.30 |  | 0.00 |
| December 2018. |  | 0.00 |  | 5,338,751.90 |  | 0.00 |
| January 2019 |  | 0.00 |  | 5,270,223.47 |  | 0.00 |
| February 2019 |  | 0.00 |  | 5,202,223.28 |  | 0.00 |
| March 2019 |  | 0.00 |  | 5,134,753.39 |  | 0.00 |
| April 2019 |  | 0.00 |  | 5,067,815.68 |  | 0.00 |
| May 2019 |  | 0.00 |  | 5,001,411.82 |  | 0.00 |
| June 2019 |  | 0.00 |  | 4,935,543.29 |  | 0.00 |
| July 2019 |  | 0.00 |  | 4,870,211.41 |  | 0.00 |
| August 2019 |  | 0.00 |  | 4,805,417.28 |  | 0.00 |
| September 2019. |  | 0.00 |  | 4,741,161.87 |  | 0.00 |
| October 2019 |  | 0.00 |  | 4,677,445.96 |  | 0.00 |
| November 2019 |  | 0.00 |  | 4,614,270.17 |  | 0.00 |
| December 2019 . |  | 0.00 |  | 4,551,634.97 |  | 0.00 |
| January 2020. |  | 0.00 |  | 4,489,540.67 |  | 0.00 |
| February 2020 |  | 0.00 |  | 4,427,987.43 |  | 0.00 |
| March 2020 |  | 0.00 |  | 4,366,975.28 |  | 0.00 |
| April 2020 |  | 0.00 |  | 4,306,504.10 |  | 0.00 |
| May 2020 . |  | 0.00 |  | 4,246,573.63 |  | 0.00 |
| June 2020 |  | 0.00 |  | 4,187,183.50 |  | 0.00 |
| July 2020 |  | 0.00 |  | 4,128,333.18 |  | 0.00 |
| August 2020 |  | 0.00 |  | 4,070,022.05 |  | 0.00 |
| September 2020. |  | 0.00 |  | 4,012,249.36 |  | 0.00 |
| October 2020 |  | 0.00 |  | 3,955,014.23 |  | 0.00 |
| November 2020 |  | 0.00 |  | 3,898,315.69 |  | 0.00 |
| December 2020 . |  | 0.00 |  | 3,842,152.65 |  | 0.00 |
| January 2021. |  | 0.00 |  | 3,786,523.92 |  | 0.00 |
| February 2021 |  | 0.00 |  | 3,731,428.22 |  | 0.00 |
| March 2021 |  | 0.00 |  | 3,676,864.15 |  | 0.00 |
| April 2021 |  | 0.00 |  | 3,622,830.23 |  | 0.00 |
| May 2021 |  | 0.00 |  | 3,569,324.89 |  | 0.00 |
| June 2021 |  | 0.00 |  | 3,516,346.47 |  | 0.00 |
| July 2021 |  | 0.00 |  | 3,463,893.22 |  | 0.00 |
| August 2021 |  | 0.00 |  | 3,411,963.33 |  | 0.00 |
| September 2021. |  | 0.00 |  | 3,360,554.88 |  | 0.00 |
| October 2021 |  | 0.00 |  | 3,309,665.89 |  | 0.00 |
| November 2021. |  | 0.00 |  | 3,259,294.32 |  | 0.00 |
| December 2021. |  | 0.00 |  | 3,209,438.05 |  | 0.00 |
| January 2022 |  | 0.00 |  | 3,160,094.88 |  | 0.00 |
| February 2022 |  | 0.00 |  | 3,111,262.56 |  | 0.00 |
| March 2022 |  | 0.00 |  | 3,062,938.78 |  | 0.00 |


| Distribution Date | Classes JA and ZB <br> (in the aggregate) |  | Class KA |  | Classes OA, OB, OC and OD <br> (in the aggregate) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April 2022 | \$ | 0.00 | \$ | 3,015,121.16 | \$ | 0.00 |
| May 2022 |  | 0.00 |  | 2,967,807.27 |  | 0.00 |
| June 2022 |  | 0.00 |  | 2,920,994.61 |  | 0.00 |
| July 2022 |  | 0.00 |  | 2,874,680.66 |  | 0.00 |
| August 2022 |  | 0.00 |  | 2,828,862.81 |  | 0.00 |
| September 2022 |  | 0.00 |  | 2,783,538.43 |  | 0.00 |
| October 2022 |  | 0.00 |  | 2,738,704.84 |  | 0.00 |
| November 2022 |  | 0.00 |  | 2,694,359.30 |  | 0.00 |
| December 2022 |  | 0.00 |  | 2,650,499.04 |  | 0.00 |
| January 2023 |  | 0.00 |  | 2,607,121.26 |  | 0.00 |
| February 2023 |  | 0.00 |  | 2,564,223.10 |  | 0.00 |
| March 2023 |  | 0.00 |  | 2,521,801.68 |  | 0.00 |
| April 2023 |  | 0.00 |  | 2,479,854.08 |  | 0.00 |
| May 2023 |  | 0.00 |  | 2,438,377.35 |  | 0.00 |
| June 2023 |  | 0.00 |  | 2,397,368.50 |  | 0.00 |
| July 2023 |  | 0.00 |  | 2,356,824.53 |  | 0.00 |
| August 2023 |  | 0.00 |  | 2,316,742.39 |  | 0.00 |
| September 2023 |  | 0.00 |  | 2,277,119.01 |  | 0.00 |
| October 2023 |  | 0.00 |  | 2,237,951.31 |  | 0.00 |
| November 2023 . |  | 0.00 |  | 2,199,236.17 |  | 0.00 |
| December 2023 |  | 0.00 |  | 2,160,970.46 |  | 0.00 |
| January 2024 |  | 0.00 |  | 2,123,151.03 |  | 0.00 |
| February 2024 |  | 0.00 |  | 2,085,774.69 |  | 0.00 |
| March 2024 |  | 0.00 |  | 2,048,838.27 |  | 0.00 |
| April 2024 |  | 0.00 |  | 2,012,338.54 |  | 0.00 |
| May 2024 |  | 0.00 |  | 1,976,272.29 |  | 0.00 |
| June 2024 |  | 0.00 |  | 1,940,636.30 |  | 0.00 |
| July 2024 |  | 0.00 |  | 1,905,427.31 |  | 0.00 |
| August 2024 |  | 0.00 |  | 1,870,642.06 |  | 0.00 |
| September 2024 |  | 0.00 |  | 1,836,277.29 |  | 0.00 |
| October 2024 |  | 0.00 |  | 1,802,329.71 |  | 0.00 |
| November 2024 |  | 0.00 |  | 1,768,796.05 |  | 0.00 |
| December 2024 |  | 0.00 |  | 1,735,673.02 |  | 0.00 |
| January 2025 |  | 0.00 |  | 1,702,957.32 |  | 0.00 |
| February 2025 |  | 0.00 |  | 1,670,645.65 |  | 0.00 |
| March 2025 |  | 0.00 |  | 1,638,734.71 |  | 0.00 |
| April 2025 |  | 0.00 |  | 1,607,221.17 |  | 0.00 |
| May 2025 |  | 0.00 |  | 1,576,101.75 |  | 0.00 |
| June 2025 |  | 0.00 |  | 1,545,373.12 |  | 0.00 |
| July 2025 |  | 0.00 |  | 1,515,031.99 |  | 0.00 |
| August 2025 |  | 0.00 |  | 1,485,075.04 |  | 0.00 |
| September 2025 |  | 0.00 |  | 1,455,498.96 |  | 0.00 |
| October 2025 |  | 0.00 |  | 1,426,300.44 |  | 0.00 |

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| Distribution Date | Classes JA and ZB <br> (in the aggregate) |  | Class KA |  | Classes OA, OB, OC and OD (in the aggregate) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November 2025 | \$ | 0.00 | \$ | 1,397,476.18 | \$ | 0.00 |
| December 2025 |  | 0.00 |  | 1,369,022.89 |  | 0.00 |
| January 2026 |  | 0.00 |  | 1,340,937.28 |  | 0.00 |
| February 2026 |  | 0.00 |  | 1,313,216.04 |  | 0.00 |
| March 2026 |  | 0.00 |  | 1,285,855.90 |  | 0.00 |
| April 2026 |  | 0.00 |  | 1,258,853.58 |  | 0.00 |
| May 2026 |  | 0.00 |  | 1,232,205.82 |  | 0.00 |
| June 2026 |  | 0.00 |  | 1,205,909.35 |  | 0.00 |
| July 2026 |  | 0.00 |  | 1,179,960.92 |  | 0.00 |
| August 2026 |  | 0.00 |  | 1,154,357.28 |  | 0.00 |
| September 2026 |  | 0.00 |  | 1,129,095.20 |  | 0.00 |
| October 2026 |  | 0.00 |  | 1,104,171.45 |  | 0.00 |
| November 2026 |  | 0.00 |  | 1,079,582.82 |  | 0.00 |
| December 2026 |  | 0.00 |  | 1,055,326.11 |  | 0.00 |
| January 2027 |  | 0.00 |  | 1,031,398.12 |  | 0.00 |
| February 2027 |  | 0.00 |  | 1,007,795.66 |  | 0.00 |
| March 2027 |  | 0.00 |  | 984,515.57 |  | 0.00 |
| April 2027 |  | 0.00 |  | 961,554.69 |  | 0.00 |
| May 2027 |  | 0.00 |  | 938,909.89 |  | 0.00 |
| June 2027 |  | 0.00 |  | 916,578.03 |  | 0.00 |
| July 2027 |  | 0.00 |  | 894,555.99 |  | 0.00 |
| August 2027 |  | 0.00 |  | 872,840.68 |  | 0.00 |
| September 2027 |  | 0.00 |  | 851,429.00 |  | 0.00 |
| October 2027 |  | 0.00 |  | 830,317.89 |  | 0.00 |
| November 2027 |  | 0.00 |  | 809,504.28 |  | 0.00 |
| December 2027 |  | 0.00 |  | 788,985.13 |  | 0.00 |
| January 2028. |  | 0.00 |  | 768,757.41 |  | 0.00 |
| February 2028 |  | 0.00 |  | 748,818.12 |  | 0.00 |
| March 2028 |  | 0.00 |  | 729,164.27 |  | 0.00 |
| April 2028 |  | 0.00 |  | 709,792.87 |  | 0.00 |
| May 2028 |  | 0.00 |  | 690,700.96 |  | 0.00 |
| June 2028 |  | 0.00 |  | 671,885.60 |  | 0.00 |
| July 2028 |  | 0.00 |  | 653,343.86 |  | 0.00 |
| August 2028 |  | 0.00 |  | 635,072.85 |  | 0.00 |
| September 2028 |  | 0.00 |  | 617,069.65 |  | 0.00 |
| October 2028 |  | 0.00 |  | 599,331.40 |  | 0.00 |
| November 2028 |  | 0.00 |  | 581,855.25 |  | 0.00 |
| December 2028 |  | 0.00 |  | 564,638.35 |  | 0.00 |
| January 2029 |  | 0.00 |  | 547,677.88 |  | 0.00 |
| February 2029 |  | 0.00 |  | 530,971.05 |  | 0.00 |
| March 2029 |  | 0.00 |  | 514,515.07 |  | 0.00 |
| April 2029 |  | 0.00 |  | 498,307.17 |  | 0.00 |
| May 2029. |  | 0.00 |  | 482,344.61 |  | 0.00 |

S-II-11

| Distribution Date | Classes JA and ZB <br> (in the aggregate) |  | Class KA |  | Classes OA, OB, OC and OD (in the aggregate) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June 2029 | \$ | 0.00 | \$ | 466,624.67 | \$ | 0.00 |
| July 2029 |  | 0.00 |  | 451,144.64 |  | 0.00 |
| August 2029 |  | 0.00 |  | 435,901.83 |  | 0.00 |
| September 2029. |  | 0.00 |  | 420,893.57 |  | 0.00 |
| October 2029 |  | 0.00 |  | 406,117.21 |  | 0.00 |
| November 2029 |  | 0.00 |  | 391,570.12 |  | 0.00 |
| December 2029 |  | 0.00 |  | 377,249.70 |  | 0.00 |
| January 2030 |  | 0.00 |  | 363,153.35 |  | 0.00 |
| February 2030 |  | 0.00 |  | 349,278.50 |  | 0.00 |
| March 2030 |  | 0.00 |  | 335,622.60 |  | 0.00 |
| April 2030 |  | 0.00 |  | 322,183.11 |  | 0.00 |
| May 2030 |  | 0.00 |  | 308,957.53 |  | 0.00 |
| June 2030 |  | 0.00 |  | 295,943.35 |  | 0.00 |
| July 2030 |  | 0.00 |  | 283,138.11 |  | 0.00 |
| August 2030 |  | 0.00 |  | 270,539.36 |  | 0.00 |
| September 2030 |  | 0.00 |  | 258,144.66 |  | 0.00 |
| October 2030 |  | 0.00 |  | 245,951.59 |  | 0.00 |
| November 2030 |  | 0.00 |  | 233,957.76 |  | 0.00 |
| December 2030 |  | 0.00 |  | 222,160.81 |  | 0.00 |
| January 2031 |  | 0.00 |  | 210,558.37 |  | 0.00 |
| February 2031 |  | 0.00 |  | 199,148.10 |  | 0.00 |
| March 2031 |  | 0.00 |  | 187,927.70 |  | 0.00 |
| April 2031 |  | 0.00 |  | 176,894.87 |  | 0.00 |
| May 2031 |  | 0.00 |  | 166,047.34 |  | 0.00 |
| June 2031 |  | 0.00 |  | 155,382.84 |  | 0.00 |
| July 2031 |  | 0.00 |  | 144,899.14 |  | 0.00 |
| August 2031 |  | 0.00 |  | 134,594.03 |  | 0.00 |
| September 2031 |  | 0.00 |  | 124,465.31 |  | 0.00 |
| October 2031 |  | 0.00 |  | 114,510.80 |  | 0.00 |
| November 2031 |  | 0.00 |  | 104,728.34 |  | 0.00 |
| December 2031 |  | 0.00 |  | 95,115.80 |  | 0.00 |
| January 2032 |  | 0.00 |  | 85,671.06 |  | 0.00 |
| February 2032 |  | 0.00 |  | 76,392.01 |  | 0.00 |
| March 2032 |  | 0.00 |  | 67,276.58 |  | 0.00 |
| April 2032 |  | 0.00 |  | 58,322.71 |  | 0.00 |
| May 2032 |  | 0.00 |  | 49,528.35 |  | 0.00 |
| June 2032 |  | 0.00 |  | 40,891.48 |  | 0.00 |
| July 2032 |  | 0.00 |  | 32,410.09 |  | 0.00 |
| August 2032 |  | 0.00 |  | 24,082.21 |  | 0.00 |
| September 2032 |  | 0.00 |  | 15,905.86 |  | 0.00 |
| October 2032 |  | 0.00 |  | 7,879.10 |  | 0.00 |
| November 2032 and thereafter |  | 0.00 |  | 0.00 |  | 0.00 |


| Distribution Date | $\begin{gathered} \text { Classes PC, PD, PE, } \\ \text { PL, PN, PU, } \\ \text { PV and QO } \\ \text { (in the aggregate) }) \\ \hline \end{gathered}$ | $\begin{array}{c}\text { Classes PF, QK and QL } \\ \text { (in the aggregate) }\end{array}$ <br> ( | Class SB | Class SL |
| :---: | :---: | :---: | :---: | :---: |
| Initial Balance | \$164,747,000.00 | \$127,035,372.00 | \$4,215,222.00 | \$6,932,208.00 |
| June 2004 | 164,363,820.10 | 126,324,214.95 | 4,187,147.72 | 6,890,132.65 |
| July 2004 | 163,940,418.42 | 125,580,734.47 | 4,156,617.66 | 6,841,404.70 |
| August 2004 | 163,477,658.22 | 124,805,487.16 | 4,123,643.17 | 6,786,106.03 |
| September 2004 | 162,975,691.79 | 123,998,799.06 | 4,088,238.99 | 6,724,333.75 |
| October 2004 | 162,434,691.82 | 123,161,012.38 | 4,050,423.28 | 6,656,200.10 |
| November 2004 | 161,854,851.32 | 122,292,485.25 | 4,010,217.55 | 6,581,832.25 |
| December 2004 | 161,236,383.54 | 121,393,591.49 | 3,967,646.66 | 6,501,372.13 |
| January 2005 | 160,579,521.86 | 120,464,720.34 | 3,922,738.78 | 6,414,976.18 |
| February 2005 | 159,884,519.64 | 119,506,276.19 | 3,875,525.37 | 6,322,815.01 |
| March 2005 | 159,151,650.10 | 118,518,678.29 | 3,826,041.12 | 6,225,073.12 |
| April 2005 | 158,381,206.16 | 117,502,360.44 | 3,774,323.90 | 6,121,948.47 |
| May 2005 | 157,573,500.25 | 116,457,770.69 | 3,720,414.70 | 6,013,652.09 |
| June 2005 | 156,728,864.11 | 115,385,371.01 | 3,664,357.58 | 5,900,407.59 |
| July 2005 | 155,847,648.58 | 114,285,636.95 | 3,606,199.59 | 5,782,450.67 |
| August 2005 | 154,930,223.37 | 113,159,057.27 | 3,545,990.71 | 5,660,028.55 |
| September 2005 | 153,976,976.83 | 112,006,133.62 | 3,483,783.76 | 5,533,399.43 |
| October 2005 | 152,988,315.65 | 110,859,176.54 | 3,419,634.29 | 5,402,831.83 |
| November 2005 | 151,964,664.62 | 109,718,155.33 | 3,353,600.56 | 5,268,603.96 |
| December 2005 | 150,906,466.30 | 108,583,039.47 | 3,285,743.36 | 5,131,003.01 |
| January 2006 | 149,814,180.72 | 107,453,798.57 | 3,216,125.97 | 4,990,324.48 |
| February 2006 | 148,688,285.08 | 106,330,402.41 | 3,144,814.50 | 4,846,871.39 |
| March 2006 | 147,529,273.36 | 105,212,820.93 | 3,071,876.84 | 4,700,953.55 |
| April 2006 | 146,337,656.00 | 104,101,024.22 | 2,997,382.98 | 4,552,886.72 |
| May 2006 | 145,113,959.51 | 102,994,982.52 | 2,916,057.44 | 4,407,160.30 |
| June 2006 | 143,858,726.09 | 101,894,666.22 | 2,830,273.92 | 4,262,301.22 |
| July 2006 | 142,572,513.24 | 100,800,045.87 | 2,744,562.96 | 4,121,836.51 |
| August 2006 | 141,255,893.33 | 99,711,092.17 | 2,659,749.70 | 3,985,680.96 |
| September 2006 | 139,937,148.75 | 98,627,775.98 | 2,575,820.29 | 3,853,750.91 |
| October 2006 | 138,625,237.98 | 97,550,068.29 | 2,492,760.98 | 3,725,964.14 |
| November 2006 | 137,320,125.85 | 96,477,940.25 | 2,410,558.15 | 3,602,239.90 |
| December 2006 | 136,021,777.40 | 95,411,363.16 | 2,329,198.32 | 3,482,498.85 |
| January 2007 | 134,730,157.82 | 94,350,308.46 | 2,248,668.10 | 3,366,663.07 |
| February 2007 | 133,445,232.50 | 93,294,747.75 | 2,168,954.24 | 3,254,656.02 |
| March 2007 | 132,166,967.00 | 92,244,652.76 | 2,090,043.60 | 3,146,402.50 |
| April 2007 | 130,895,327.06 | 91,199,995.38 | 2,011,923.15 | 3,041,828.64 |
| May 2007 | 129,630,278.59 | 90,160,747.63 | 1,934,579.98 | 2,940,861.92 |
| June 2007 | 128,371,787.68 | 89,126,881.69 | 1,858,001.28 | 2,843,431.05 |
| July 2007 | 127,119,820.59 | 88,098,369.87 | 1,782,174.38 | 2,749,466.05 |
| August 2007 | 125,874,343.76 | 87,075,184.63 | 1,707,086.70 | 2,658,898.16 |
| September 2007 | 124,635,323.80 | 86,057,298.57 | 1,632,725.77 | 2,571,659.87 |
| October 2007 | 123,402,727.49 | 85,044,684.43 | 1,559,079.24 | 2,487,684.8 |


| Distribution Date | $\begin{gathered} \text { Classes PC, PD, PE, } \\ \text { PL, PN, PU, } \\ \text { PV and QO } \\ \text { (in the aggregate) } \\ \hline \end{gathered}$ |  | ses PF, QK and QL n the aggregate) | Class SB | Class SL |
| :---: | :---: | :---: | :---: | :---: | :---: |
| November 2007 | \$122,176,521.78 | \$ | 84,037,315.09 | \$1,486,134.84 | \$2,406,907.92 |
| December 2007 | 120,956,673.80 |  | 83,035,163.57 | 1,413,880.45 | 2,329,265.16 |
| January 2008 | 119,743,150.83 |  | 82,038,203.03 | 1,342,304.02 | 2,254,693.70 |
| February 2008. | 118,535,920.34 |  | 81,046,406.76 | 1,271,393.62 | 2,183,131.83 |
| March 2008 | 117,334,949.95 |  | 80,059,748.20 | 1,201,137.40 | 2,114,518.94 |
| April 2008 | 116,140,207.46 |  | 79,078,200.92 | 1,131,523.65 | 2,048,795.51 |
| May 2008 | 114,951,660.82 |  | 78,101,738.62 | 1,062,540.73 | 1,985,903.08 |
| June 2008 | 113,769,278.16 |  | 77,130,335.15 | 994,177.11 | 1,925,784.23 |
| July 2008 | 112,593,027.77 |  | 76,163,964.48 | 926,421.36 | 1,868,382.59 |
| August 2008 | 111,422,878.09 |  | 75,202,600.72 | 859,262.13 | 1,813,642.80 |
| September 2008 | 110,258,797.75 |  | 74,246,218.12 | 792,688.21 | 1,761,510.48 |
| October 2008 | 109,100,755.51 |  | 73,294,791.05 | 726,688.42 | 1,711,932.24 |
| November 2008 | 107,948,720.31 |  | 72,348,294.02 | 661,251.74 | 1,664,855.65 |
| December 2008 | 106,802,661.25 |  | 71,406,701.67 | 596,367.20 | 1,620,229.24 |
| January 2009 | 105,662,547.57 |  | 70,469,988.76 | 532,023.94 | 1,578,002.45 |
| February 2009. | 104,528,348.69 |  | 69,538,130.20 | 468,211.18 | 1,538,125.63 |
| March 2009 | 103,400,034.18 |  | 68,611,101.01 | 404,918.25 | 1,500,550.05 |
| April 2009 | 102,277,573.77 |  | 67,688,876.35 | 342,134.53 | 1,465,227.86 |
| May 2009 | 101,160,937.34 |  | 66,771,431.50 | 279,849.54 | 1,432,112.05 |
| June 2009 | 100,050,094.92 |  | 65,858,741.88 | 218,052.85 | 1,401,156.51 |
| July 2009 | 98,945,016.70 |  | 64,950,783.02 | 156,734.13 | 1,372,315.91 |
| August 2009 | 97,845,673.03 |  | 64,047,530.58 | 95,883.12 | 1,345,545.80 |
| September 2009 | 96,752,034.41 |  | 63,148,960.36 | 35,489.67 | 1,223,880.53 |
| October 2009 | 95,664,071.48 |  | 62,255,048.26 | 0.00 | 1,060,120.47 |
| November 2009 | 94,581,755.04 |  | 61,365,770.33 | 0.00 | 899,121.27 |
| December 2009 | 93,505,056.04 |  | 60,481,102.72 | 0.00 | 740,835.69 |
| January 2010 | 92,433,945.58 |  | 59,601,021.72 | 0.00 | 585,217.23 |
| February 2010 | 91,368,394.91 |  | 58,725,503.73 | 0.00 | 432,220.21 |
| March 2010 | 90,308,375.42 |  | 57,854,525.28 | 0.00 | 281,799.71 |
| April 2010 | 89,253,858.65 |  | 56,988,063.01 | 0.00 | 133,911.54 |
| May 2010 | 88,204,816.29 |  | 56,126,093.70 | 0.00 | 0.00 |
| June 2010 | 87,161,220.18 |  | 55,268,594.22 | 0.00 | 0.00 |
| July 2010 | 86,123,042.30 |  | 54,415,541.59 | 0.00 | 0.00 |
| August 2010 | 85,090,254.76 |  | 53,566,912.93 | 0.00 | 0.00 |
| September 2010 | 84,062,829.84 |  | 52,722,685.47 | 0.00 | 0.00 |
| October 2010 | 83,040,739.94 |  | 51,882,836.58 | 0.00 | 0.00 |
| November 2010 | 82,023,957.62 |  | 51,047,343.73 | 0.00 | 0.00 |
| December 2010 | 81,012,455.57 |  | 50,216,184.52 | 0.00 | 0.00 |
| January 2011 | 80,006,206.62 |  | 49,389,336.64 | 0.00 | 0.00 |
| February 2011 | 79,005,183.74 |  | 48,566,777.92 | 0.00 | 0.00 |
| March 2011 | 78,009,360.05 |  | 47,748,486.30 | 0.00 | 0.00 |
| April 2011 . . | 77,018,708.79 |  | 46,934,439.82 | 0.00 | 0.00 |


| Distribution Date | Classes PC, PD, PE, <br> PL, PN, PU, <br> PV and QO <br> (in the aggregate) |  | ses PF, QK and QL n the aggregate) | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May 2011 | \$ 76,033,203.35 | \$ | 46,124,616.64 | \$ | 0.00 | \$ | 0.00 |
| June 2011 | 75,052,817.26 |  | 45,318,995.04 |  | 0.00 |  | 0.00 |
| July 2011 | 74,077,524.17 |  | 44,517,553.40 |  | 0.00 |  | 0.00 |
| August 2011 | 73,107,297.89 |  | 43,720,270.21 |  | 0.00 |  | 0.00 |
| September 2011 | 72,142,112.34 |  | 42,927,124.09 |  | 0.00 |  | 0.00 |
| October 2011 | 71,181,941.59 |  | 42,140,248.06 |  | 0.00 |  | 0.00 |
| November 2011 | 70,226,759.83 |  | 41,367,228.92 |  | 0.00 |  | 0.00 |
| December 2011 | 69,276,541.40 |  | 40,607,828.48 |  | 0.00 |  | 0.00 |
| January 2012 | 68,331,260.76 |  | 39,861,812.57 |  | 0.00 |  | 0.00 |
| February 2012 | 67,390,892.50 |  | 39,128,951.00 |  | 0.00 |  | 0.00 |
| March 2012 | 66,455,411.35 |  | 38,409,017.47 |  | 0.00 |  | 0.00 |
| April 2012 | 65,524,792.16 |  | 37,701,789.51 |  | 0.00 |  | 0.00 |
| May 2012 | 64,599,009.92 |  | 37,007,048.42 |  | 0.00 |  | 0.00 |
| June 2012 | 63,678,039.74 |  | 36,324,579.21 |  | 0.00 |  | 0.00 |
| July 2012 | 62,761,856.86 |  | 35,654,170.53 |  | 0.00 |  | 0.00 |
| August 2012 | 61,850,436.65 |  | 34,995,614.61 |  | 0.00 |  | 0.00 |
| September 2012 | 60,943,754.60 |  | 34,348,707.21 |  | 0.00 |  | 0.00 |
| October 2012 | 60,041,786.33 |  | 33,713,247.54 |  | 0.00 |  | 0.00 |
| November 2012 | 59,144,507.59 |  | 33,089,038.23 |  | 0.00 |  | 0.00 |
| December 2012 | 58,251,894.26 |  | 32,475,885.24 |  | 0.00 |  | 0.00 |
| January 2013 | 57,363,922.32 |  | 31,873,597.84 |  | 0.00 |  | 0.00 |
| February 2013 | 56,480,567.90 |  | 31,281,988.53 |  | 0.00 |  | 0.00 |
| March 2013 | 55,607,825.97 |  | 30,700,872.98 |  | 0.00 |  | 0.00 |
| April 2013 | 54,747,790.55 |  | 30,130,070.01 |  | 0.00 |  | 0.00 |
| May 2013 | 53,900,282.45 |  | 29,569,401.50 |  | 0.00 |  | 0.00 |
| June 2013 | 53,065,124.95 |  | 29,018,692.36 |  | 0.00 |  | 0.00 |
| July 2013 | 52,242,143.78 |  | 28,477,770.47 |  | 0.00 |  | 0.00 |
| August 2013 | 51,431,167.09 |  | 27,946,466.63 |  | 0.00 |  | 0.00 |
| September 2013 | 50,632,025.41 |  | 27,424,614.53 |  | 0.00 |  | 0.00 |
| October 2013 | 49,844,551.61 |  | 26,912,050.68 |  | 0.00 |  | 0.00 |
| November 2013 | 49,068,580.89 |  | 26,408,614.36 |  | 0.00 |  | 0.00 |
| December 2013 | 48,303,950.72 |  | 25,914,147.59 |  | 0.00 |  | 0.00 |
| January 2014 | 47,550,500.83 |  | 25,428,495.07 |  | 0.00 |  | 0.00 |
| February 2014 | 46,808,073.17 |  | 24,951,504.15 |  | 0.00 |  | 0.00 |
| March 2014 | 46,076,511.89 |  | 24,483,024.77 |  | 0.00 |  | 0.00 |
| April 2014 | 45,355,663.28 |  | 24,022,909.43 |  | 0.00 |  | 0.00 |
| May 2014 | 44,645,375.79 |  | 23,571,013.13 |  | 0.00 |  | 0.00 |
| June 2014 | 43,945,499.95 |  | 23,127,193.34 |  | 0.00 |  | 0.00 |
| July 2014 | 43,255,888.37 |  | 22,691,309.97 |  | 0.00 |  | 0.00 |
| August 2014 | 42,576,395.71 |  | 22,263,225.30 |  | 0.00 |  | 0.00 |
| September 2014 | 41,906,878.65 |  | 21,842,803.96 |  | 0.00 |  | 0.00 |
| October 2014 | 41,247,195.85 |  | 21,429,912.88 |  | 0.00 |  | 0.00 |


| Distribution Date | Classes PC, PD, PE, PL, PN, PU, PV and QO <br> (in the aggregate) | Classes PF, QK and QL (in the aggregate) | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November 2014 | \$ 40,597,207.94 | \$ 21,024,421.27 | \$ | 0.00 | \$ | 0.00 |
| December 2014 | 39,956,777.48 | 20,626,200.56 |  | 0.00 |  | 0.00 |
| January 2015 | 39,325,768.94 | 20,235,124.37 |  | 0.00 |  | 0.00 |
| February 2015. | 38,704,048.68 | 19,851,068.48 |  | 0.00 |  | 0.00 |
| March 2015 | 38,091,484.90 | 19,473,910.79 |  | 0.00 |  | 0.00 |
| April 2015 | 37,487,947.65 | 19,103,531.28 |  | 0.00 |  | 0.00 |
| May 2015 | 36,893,308.78 | 18,739,811.97 |  | 0.00 |  | 0.00 |
| June 2015 | 36,307,441.91 | 18,382,636.91 |  | 0.00 |  | 0.00 |
| July 2015 | 35,730,222.44 | 18,031,892.11 |  | 0.00 |  | 0.00 |
| August 2015 | 35,161,527.48 | 17,687,465.54 |  | 0.00 |  | 0.00 |
| September 2015 | 34,601,235.86 | 17,349,247.07 |  | 0.00 |  | 0.00 |
| October 2015 | 34,049,228.10 | 17,017,128.46 |  | 0.00 |  | 0.00 |
| November 2015 | 33,505,386.37 | 16,691,003.32 |  | 0.00 |  | 0.00 |
| December 2015 | 32,969,594.49 | 16,370,767.08 |  | 0.00 |  | 0.00 |
| January 2016 | 32,441,737.89 | 16,056,316.95 |  | 0.00 |  | 0.00 |
| February 2016 | 31,921,703.60 | 15,747,551.90 |  | 0.00 |  | 0.00 |
| March 2016 | 31,409,380.22 | 15,444,372.62 |  | 0.00 |  | 0.00 |
| April 2016 | 30,904,657.91 | 15,146,681.51 |  | 0.00 |  | 0.00 |
| May 2016 | 30,407,428.35 | 14,854,382.64 |  | 0.00 |  | 0.00 |
| June 2016 | 29,917,584.73 | 14,567,381.71 |  | 0.00 |  | 0.00 |
| July 2016 | 29,435,021.72 | 14,285,586.04 |  | 0.00 |  | 0.00 |
| August 2016 | 28,959,635.48 | 14,008,904.54 |  | 0.00 |  | 0.00 |
| September 2016 | 28,491,323.60 | 13,737,247.67 |  | 0.00 |  | 0.00 |
| October 2016 | 28,029,985.11 | 13,470,527.44 |  | 0.00 |  | 0.00 |
| November 2016 | 27,575,520.43 | 13,208,657.35 |  | 0.00 |  | 0.00 |
| December 2016 | 27,127,831.39 | 12,951,552.39 |  | 0.00 |  | 0.00 |
| January 2017 | 26,686,821.18 | 12,699,129.01 |  | 0.00 |  | 0.00 |
| February 2017 | 26,252,394.33 | 12,451,305.09 |  | 0.00 |  | 0.00 |
| March 2017 | 25,824,456.72 | 12,207,999.91 |  | 0.00 |  | 0.00 |
| April 2017 | 25,402,915.53 | 11,969,134.15 |  | 0.00 |  | 0.00 |
| May 2017 | 24,987,679.25 | 11,734,629.83 |  | 0.00 |  | 0.00 |
| June 2017 | 24,578,657.63 | 11,504,410.33 |  | 0.00 |  | 0.00 |
| July 2017 | 24,175,761.70 | 11,278,400.34 |  | 0.00 |  | 0.00 |
| August 2017 | 23,778,903.72 | 11,056,525.83 |  | 0.00 |  | 0.00 |
| September 2017 | 23,387,997.18 | 10,838,714.05 |  | 0.00 |  | 0.00 |
| October 2017 | 23,002,956.77 | 10,624,893.51 |  | 0.00 |  | 0.00 |
| November 2017 | 22,623,698.39 | 10,414,993.93 |  | 0.00 |  | 0.00 |
| December 2017 | 22,250,139.10 | 10,208,946.24 |  | 0.00 |  | 0.00 |
| January 2018 | 21,882,197.13 | 10,006,682.58 |  | 0.00 |  | 0.00 |
| February 2018 | 21,519,791.85 | 9,808,136.23 |  | 0.00 |  | 0.00 |
| March 2018 | 21,162,843.76 | 9,613,241.63 |  | 0.00 |  | 0.00 |
| April 2018 | 20,811,274.46 | 9,421,934.34 |  | 0.00 |  | 0.00 |


| Distribution Date | Classes PC, PD, PE, PL, PN, PU, PV and QO (in the aggregate) | Classes PF, QK and QL (in the aggregate) |  | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May 2018 | \$ 20,465,006.66 | \$ | 9,234,151.05 | \$ | 0.00 | \$ | 0.00 |
| June 2018 | 20,123,964.16 |  | 9,049,829.51 |  | 0.00 |  | 0.00 |
| July 2018 | 19,788,071.81 |  | 8,868,908.57 |  | 0.00 |  | 0.00 |
| August 2018 | 19,457,255.51 |  | 8,691,328.11 |  | 0.00 |  | 0.00 |
| September 2018 | 19,131,442.22 |  | 8,517,029.06 |  | 0.00 |  | 0.00 |
| October 2018 | 18,810,559.90 |  | 8,345,953.37 |  | 0.00 |  | 0.00 |
| November 2018 | 18,494,537.53 |  | 8,178,043.98 |  | 0.00 |  | 0.00 |
| December 2018 | 18,183,305.09 |  | 8,013,244.82 |  | 0.00 |  | 0.00 |
| January 2019 | 17,876,793.54 |  | 7,851,500.79 |  | 0.00 |  | 0.00 |
| February 2019 | 17,574,934.80 |  | 7,692,757.73 |  | 0.00 |  | 0.00 |
| March 2019 | 17,277,661.75 |  | 7,536,962.43 |  | 0.00 |  | 0.00 |
| April 2019 | 16,984,908.21 |  | 7,384,062.58 |  | 0.00 |  | 0.00 |
| May 2019 | 16,696,608.93 |  | 7,234,006.79 |  | 0.00 |  | 0.00 |
| June 2019 | 16,412,699.57 |  | 7,086,744.55 |  | 0.00 |  | 0.00 |
| July 2019 | 16,133,116.71 |  | 6,942,226.22 |  | 0.00 |  | 0.00 |
| August 2019 | 15,857,797.81 |  | 6,800,403.03 |  | 0.00 |  | 0.00 |
| September 2019 | 15,586,681.20 |  | 6,661,227.04 |  | 0.00 |  | 0.00 |
| October 2019 | 15,319,706.09 |  | 6,524,651.15 |  | 0.00 |  | 0.00 |
| November 2019 | 15,056,812.53 |  | 6,390,629.07 |  | 0.00 |  | 0.00 |
| December 2019 | 14,797,941.43 |  | 6,259,115.30 |  | 0.00 |  | 0.00 |
| January 2020 | 14,543,034.52 |  | 6,130,065.15 |  | 0.00 |  | 0.00 |
| February 2020 | 14,292,034.35 |  | 6,003,434.69 |  | 0.00 |  | 0.00 |
| March 2020 | 14,044,884.28 |  | 5,879,180.75 |  | 0.00 |  | 0.00 |
| April 2020 | 13,801,528.47 |  | 5,757,260.91 |  | 0.00 |  | 0.00 |
| May 2020 | 13,561,911.86 |  | 5,637,633.49 |  | 0.00 |  | 0.00 |
| June 2020 | 13,325,980.17 |  | 5,520,257.52 |  | 0.00 |  | 0.00 |
| July 2020 | 13,093,679.88 |  | 5,405,092.76 |  | 0.00 |  | 0.00 |
| August 2020 | 12,864,958.22 |  | 5,292,099.65 |  | 0.00 |  | 0.00 |
| September 2020 | 12,639,763.18 |  | 5,181,239.33 |  | 0.00 |  | 0.00 |
| October 2020 | 12,418,043.46 |  | 5,072,473.61 |  | 0.00 |  | 0.00 |
| November 2020 | 12,199,748.50 |  | 4,965,764.96 |  | 0.00 |  | 0.00 |
| December 2020 | 11,984,828.45 |  | 4,861,076.50 |  | 0.00 |  | 0.00 |
| January 2021 | 11,773,234.16 |  | 4,758,372.00 |  | 0.00 |  | 0.00 |
| February 2021 | 11,564,917.17 |  | 4,657,615.85 |  | 0.00 |  | 0.00 |
| March 2021 | 11,359,829.70 |  | 4,558,773.07 |  | 0.00 |  | 0.00 |
| April 2021 | 11,157,924.66 |  | 4,461,809.28 |  | 0.00 |  | 0.00 |
| May 2021 | 10,959,155.62 |  | 4,366,690.70 |  | 0.00 |  | 0.00 |
| June 2021 | 10,763,476.80 |  | 4,273,384.14 |  | 0.00 |  | 0.00 |
| July 2021 | 10,570,843.06 |  | 4,181,856.99 |  | 0.00 |  | 0.00 |
| August 2021 | 10,381,209.92 |  | 4,092,077.20 |  | 0.00 |  | 0.00 |
| September 2021 | 10,194,533.50 |  | 4,004,013.29 |  | 0.00 |  | 0.00 |
| October 2021 | 10,010,770.56 |  | 3,917,634.32 |  | 0.00 |  | 0.00 |


| Distribution Date | $\begin{gathered} \text { Classes PC, PD, PE, } \\ \text { PL, PN, PU, } \\ \text { PV and QO } \\ \text { (in the aggregate) } \\ \hline \end{gathered}$ |  | Classes PF, QK and QL (in the aggregate) |  | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November 2021 | \$ | 9,829,878.47 | \$ | 3,832,909.89 | \$ | 0.00 | \$ | 0.00 |
| December 2021 |  | 9,651,815.20 |  | 3,749,810.13 |  | 0.00 |  | 0.00 |
| January 2022 |  | 9,476,539.31 |  | 3,668,305.70 |  | 0.00 |  | 0.00 |
| February 2022 |  | 9,304,009.95 |  | 3,588,367.76 |  | 0.00 |  | 0.00 |
| March 2022 |  | 9,134,186.85 |  | 3,509,967.98 |  | 0.00 |  | 0.00 |
| April 2022 |  | 8,967,030.30 |  | 3,433,078.53 |  | 0.00 |  | 0.00 |
| May 2022 |  | 8,802,501.17 |  | 3,357,672.05 |  | 0.00 |  | 0.00 |
| June 2022 |  | 8,640,560.88 |  | 3,283,721.68 |  | 0.00 |  | 0.00 |
| July 2022 |  | 8,481,171.38 |  | 3,211,201.01 |  | 0.00 |  | 0.00 |
| August 2022 |  | 8,324,295.18 |  | 3,140,084.11 |  | 0.00 |  | 0.00 |
| September 2022 |  | 8,169,895.31 |  | 3,070,345.49 |  | 0.00 |  | 0.00 |
| October 2022 |  | 8,017,935.32 |  | 3,001,960.11 |  | 0.00 |  | 0.00 |
| November 2022 |  | 7,868,379.29 |  | 2,934,903.37 |  | 0.00 |  | 0.00 |
| December 2022 |  | 7,721,191.81 |  | 2,869,151.11 |  | 0.00 |  | 0.00 |
| January 2023 |  | 7,576,337.96 |  | 2,804,679.57 |  | 0.00 |  | 0.00 |
| February 2023 |  | 7,433,783.32 |  | 2,741,465.43 |  | 0.00 |  | 0.00 |
| March 2023 |  | 7,293,493.97 |  | 2,679,485.77 |  | 0.00 |  | 0.00 |
| April 2023 |  | 7,155,436.46 |  | 2,618,718.07 |  | 0.00 |  | 0.00 |
| May 2023 |  | 7,019,577.81 |  | 2,559,140.21 |  | 0.00 |  | 0.00 |
| June 2023 |  | 6,885,885.53 |  | 2,500,730.46 |  | 0.00 |  | 0.00 |
| July 2023 |  | 6,754,327.57 |  | 2,443,467.46 |  | 0.00 |  | 0.00 |
| August 2023 |  | 6,624,872.35 |  | 2,387,330.24 |  | 0.00 |  | 0.00 |
| September 2023 |  | 6,497,488.74 |  | 2,332,298.19 |  | 0.00 |  | 0.00 |
| October 2023 |  | 6,372,146.04 |  | 2,278,351.07 |  | 0.00 |  | 0.00 |
| November 2023 |  | 6,248,814.00 |  | 2,225,468.99 |  | 0.00 |  | 0.00 |
| December 2023 |  | 6,127,462.79 |  | 2,173,632.41 |  | 0.00 |  | 0.00 |
| January 2024 |  | 6,008,063.02 |  | 2,122,822.13 |  | 0.00 |  | 0.00 |
| February 2024 |  | 5,890,585.71 |  | 2,073,019.31 |  | 0.00 |  | 0.00 |
| March 2024 |  | 5,775,002.29 |  | 2,024,205.41 |  | 0.00 |  | 0.00 |
| April 2024 |  | 5,661,284.60 |  | 1,976,362.25 |  | 0.00 |  | 0.00 |
| May 2024 |  | 5,549,404.88 |  | 1,929,471.95 |  | 0.00 |  | 0.00 |
| June 2024 |  | 5,439,335.77 |  | 1,883,516.94 |  | 0.00 |  | 0.00 |
| July 2024 |  | 5,331,050.30 |  | 1,838,479.98 |  | 0.00 |  | 0.00 |
| August 2024 |  | 5,224,521.89 |  | 1,794,344.13 |  | 0.00 |  | 0.00 |
| September 2024 |  | 5,119,724.33 |  | 1,751,092.74 |  | 0.00 |  | 0.00 |
| October 2024 |  | 5,016,631.78 |  | 1,708,709.46 |  | 0.00 |  | 0.00 |
| November 2024 |  | 4,915,218.79 |  | 1,667,178.23 |  | 0.00 |  | 0.00 |
| December 2024 |  | 4,815,460.26 |  | 1,626,483.27 |  | 0.00 |  | 0.00 |
| January 2025 |  | 4,717,331.45 |  | 1,586,609.08 |  | 0.00 |  | 0.00 |
| February 2025 |  | 4,620,807.97 |  | 1,547,540.44 |  | 0.00 |  | 0.00 |
| March 2025 |  | 4,525,865.79 |  | 1,509,262.40 |  | 0.00 |  | 0.00 |
| April 2025 |  | 4,432,481.22 |  | 1,471,760.28 |  | 0.00 |  | 0.00 |


| Distribution Date | Classes PC, PD, PE, <br> PL, PN, PU, <br> PV and $\mathbf{Q O}$ <br> (in the aggregate) | $\begin{array}{c}\text { Classes PF, QK and QL } \\ \text { (in the aggregate) }\end{array}$ |  | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May 2025 | 4,340,630.91 | \$ | 1,435,019.64 | \$ | 0.00 | \$ | 0.00 |
| June 2025 | 4,250,291.83 |  | 1,399,026.32 |  | 0.00 |  | 0.00 |
| July 2025 | 4,161,441.31 |  | 1,363,766.39 |  | 0.00 |  | 0.00 |
| August 2025 | 4,074,056.97 |  | 1,329,226.18 |  | 0.00 |  | 0.00 |
| September 2025 | 3,988,116.78 |  | 1,295,392.27 |  | 0.00 |  | 0.00 |
| October 2025 | 3,903,599.01 |  | 1,262,251.47 |  | 0.00 |  | 0.00 |
| November 2025 | 3,820,482.25 |  | 1,229,790.82 |  | 0.00 |  | 0.00 |
| December 2025 | 3,738,745.40 |  | 1,197,997.59 |  | 0.00 |  | 0.00 |
| January 2026 | 3,658,367.65 |  | 1,166,859.29 |  | 0.00 |  | 0.00 |
| February 2026 | 3,579,328.50 |  | 1,136,363.65 |  | 0.00 |  | 0.00 |
| March 2026 | 3,501,607.74 |  | 1,106,498.61 |  | 0.00 |  | 0.00 |
| April 2026 | 3,425,185.45 |  | 1,077,252.33 |  | 0.00 |  | 0.00 |
| May 2026 | 3,350,042.00 |  | 1,048,613.18 |  | 0.00 |  | 0.00 |
| June 2026 | 3,276,158.05 |  | 1,020,569.74 |  | 0.00 |  | 0.00 |
| July 2026 | 3,203,514.52 |  | 993,110.79 |  | 0.00 |  | 0.00 |
| August 2026 | 3,132,092.62 |  | 966,225.31 |  | 0.00 |  | 0.00 |
| September 2026 | 3,061,873.82 |  | 939,902.49 |  | 0.00 |  | 0.00 |
| October 2026 | 2,992,839.86 |  | 914,131.70 |  | 0.00 |  | 0.00 |
| November 2026 | 2,924,972.76 |  | 888,902.50 |  | 0.00 |  | 0.00 |
| December 2026 | 2,858,254.77 |  | 864,204.64 |  | 0.00 |  | 0.00 |
| January 2027 | 2,792,668.42 |  | 840,028.06 |  | 0.00 |  | 0.00 |
| February 2027 | 2,728,196.49 |  | 816,362.88 |  | 0.00 |  | 0.00 |
| March 2027 | 2,664,821.99 |  | 793,199.39 |  | 0.00 |  | 0.00 |
| April 2027 | 2,602,528.20 |  | 770,528.06 |  | 0.00 |  | 0.00 |
| May 2027 | 2,541,298.62 |  | 748,339.52 |  | 0.00 |  | 0.00 |
| June 2027 | 2,481,117.01 |  | 726,624.58 |  | 0.00 |  | 0.00 |
| July 2027 | 2,421,967.35 |  | 705,374.22 |  | 0.00 |  | 0.00 |
| August 2027 | 2,363,833.85 |  | 684,579.57 |  | 0.00 |  | 0.00 |
| September 2027 | 2,306,700.96 |  | 664,231.93 |  | 0.00 |  | 0.00 |
| October 2027 | 2,250,553.35 |  | 644,322.74 |  | 0.00 |  | 0.00 |
| November 2027 | 2,195,375.91 |  | 624,843.62 |  | 0.00 |  | 0.00 |
| December 2027 | 2,141,153.75 |  | 605,786.32 |  | 0.00 |  | 0.00 |
| January 2028 | 2,087,872.20 |  | 587,142.75 |  | 0.00 |  | 0.00 |
| February 2028. | 2,035,516.79 |  | 568,904.96 |  | 0.00 |  | 0.00 |
| March 2028 | 1,984,073.28 |  | 551,065.14 |  | 0.00 |  | 0.00 |
| April 2028 | 1,933,527.63 |  | 533,615.64 |  | 0.00 |  | 0.00 |
| May 2028 | 1,883,865.99 |  | 516,548.93 |  | 0.00 |  | 0.00 |
| June 2028 | 1,835,074.73 |  | 499,857.62 |  | 0.00 |  | 0.00 |
| July 2028 | 1,787,140.41 |  | 483,534.46 |  | 0.00 |  | 0.00 |
| August 2028 | 1,740,049.79 |  | 467,572.32 |  | 0.00 |  | 0.00 |
| September 2028 | 1,693,789.81 |  | 451,964.22 |  | 0.00 |  | 0.00 |
| October 2028 | 1,648,347.62 |  | 436,703.29 |  | 0.00 |  | 0.00 |


| Distribution Date | Classes PC, PD, PE, PL, PN, PU, PV and QO (in the aggregate) |  | Classes PF, QK and QL (in the aggregate) |  | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November 2028 | \$ | 1,603,710.54 | \$ | 421,782.78 | \$ | 0.00 | \$ | 0.00 |
| December 2028 |  | 1,559,866.08 |  | 407,196.08 |  | 0.00 |  | 0.00 |
| January 2029 |  | 1,516,801.94 |  | 392,936.69 |  | 0.00 |  | 0.00 |
| February 2029. |  | 1,474,505.99 |  | 378,998.23 |  | 0.00 |  | 0.00 |
| March 2029 |  | 1,432,966.28 |  | 365,374.44 |  | 0.00 |  | 0.00 |
| April 2029 |  | 1,392,171.04 |  | 352,059.17 |  | 0.00 |  | 0.00 |
| May 2029 |  | 1,352,108.66 |  | 339,046.38 |  | 0.00 |  | 0.00 |
| June 2029 |  | 1,312,767.71 |  | 326,330.14 |  | 0.00 |  | 0.00 |
| July 2029 |  | 1,274,136.92 |  | 313,904.64 |  | 0.00 |  | 0.00 |
| August 2029 |  | 1,236,205.19 |  | 301,764.16 |  | 0.00 |  | 0.00 |
| September 2029 |  | 1,198,961.59 |  | 289,903.10 |  | 0.00 |  | 0.00 |
| October 2029 |  | 1,162,395.33 |  | 278,315.95 |  | 0.00 |  | 0.00 |
| November 2029 |  | 1,126,495.80 |  | 266,997.31 |  | 0.00 |  | 0.00 |
| December 2029 |  | 1,091,252.53 |  | 255,941.87 |  | 0.00 |  | 0.00 |
| January 2030 |  | 1,056,655.21 |  | 245,144.42 |  | 0.00 |  | 0.00 |
| February 2030. |  | 1,022,693.68 |  | 234,599.85 |  | 0.00 |  | 0.00 |
| March 2030 |  | 989,357.93 |  | 224,303.15 |  | 0.00 |  | 0.00 |
| April 2030 |  | 956,638.10 |  | 214,249.39 |  | 0.00 |  | 0.00 |
| May 2030 |  | 924,524.47 |  | 204,433.73 |  | 0.00 |  | 0.00 |
| June 2030 |  | 893,007.46 |  | 194,851.43 |  | 0.00 |  | 0.00 |
| July 2030 |  | 862,077.64 |  | 185,497.83 |  | 0.00 |  | 0.00 |
| August 2030 |  | 831,725.71 |  | 176,368.35 |  | 0.00 |  | 0.00 |
| September 2030 |  | 801,942.52 |  | 167,458.51 |  | 0.00 |  | 0.00 |
| October 2030 |  | 772,719.04 |  | 158,763.91 |  | 0.00 |  | 0.00 |
| November 2030 |  | 744,046.39 |  | 150,280.22 |  | 0.00 |  | 0.00 |
| December 2030 |  | 715,915.80 |  | 142,003.19 |  | 0.00 |  | 0.00 |
| January 2031 |  | 688,318.65 |  | 133,928.66 |  | 0.00 |  | 0.00 |
| February 2031 |  | 661,246.43 |  | 126,052.55 |  | 0.00 |  | 0.00 |
| March 2031 |  | 634,690.77 |  | 118,370.84 |  | 0.00 |  | 0.00 |
| April 2031 |  | 608,643.41 |  | 110,879.59 |  | 0.00 |  | 0.00 |
| May 2031 |  | 583,096.22 |  | 103,574.94 |  | 0.00 |  | 0.00 |
| June 2031 |  | 558,041.20 |  | 96,453.10 |  | 0.00 |  | 0.00 |
| July 2031 |  | 533,470.45 |  | 89,510.35 |  | 0.00 |  | 0.00 |
| August 2031 |  | 509,376.20 |  | 82,743.03 |  | 0.00 |  | 0.00 |
| September 2031 |  | 485,750.79 |  | 76,147.56 |  | 0.00 |  | 0.00 |
| October 2031 |  | 462,586.68 |  | 69,720.42 |  | 0.00 |  | 0.00 |
| November 2031 |  | 439,876.43 |  | 63,458.16 |  | 0.00 |  | 0.00 |
| December 2031 |  | 417,612.72 |  | 57,357.39 |  | 0.00 |  | 0.00 |
| January 2032 |  | 395,788.34 |  | 51,414.79 |  | 0.00 |  | 0.00 |
| February 2032 |  | 374,396.18 |  | 45,627.10 |  | 0.00 |  | 0.00 |
| March 2032 |  | 353,429.24 |  | 39,991.12 |  | 0.00 |  | 0.00 |
| April 2032 |  | 332,880.63 |  | 34,503.70 |  | 0.00 |  | 0.00 |


| Distribution Date | $\begin{gathered} \text { Classes PC, PD, PE, } \\ \text { PL, PN, PU, } \\ \text { PV and QO } \\ \text { (in the aggregate) } \\ \hline \end{gathered}$ |  | Classes PF, QK and QL (in the aggregate) |  | Class SB |  | Class SL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May 2032 | \$ | 312,743.55 | \$ | 29,161.77 | \$ | 0.00 | \$ | 0.00 |
| June 2032 |  | 293,011.31 |  | 23,962.30 |  | 0.00 |  | 0.00 |
| July 2032 |  | 273,677.32 |  | 18,902.33 |  | 0.00 |  | 0.00 |
| August 2032 |  | 254,735.08 |  | 13,978.94 |  | 0.00 |  | 0.00 |
| September 2032 . |  | 236,178.20 |  | 9,189.28 |  | 0.00 |  | 0.00 |
| October 2032 |  | 218,000.38 |  | 4,530.55 |  | 0.00 |  | 0.00 |
| November 2032 |  | 200,195.41 |  | 0.00 |  | 0.00 |  | 0.00 |
| December 2032 |  | 182,757.18 |  | 0.00 |  | 0.00 |  | 0.00 |
| January 2033 |  | 165,679.67 |  | 0.00 |  | 0.00 |  | 0.00 |
| February 2033 |  | 148,956.94 |  | 0.00 |  | 0.00 |  | 0.00 |
| March 2033 |  | 132,583.16 |  | 0.00 |  | 0.00 |  | 0.00 |
| April 2033 |  | 116,552.57 |  | 0.00 |  | 0.00 |  | 0.00 |
| May 2033 |  | 100,859.50 |  | 0.00 |  | 0.00 |  | 0.00 |
| June 2033 |  | 85,498.36 |  | 0.00 |  | 0.00 |  | 0.00 |
| July 2033 |  | 70,463.66 |  | 0.00 |  | 0.00 |  | 0.00 |
| August 2033 |  | 55,749.98 |  | 0.00 |  | 0.00 |  | 0.00 |
| September 2033. |  | 41,351.99 |  | 0.00 |  | 0.00 |  | 0.00 |
| October 2033 |  | 27,264.43 |  | 0.00 |  | 0.00 |  | 0.00 |
| November 2033 |  | 13,482.13 |  | 0.00 |  | 0.00 |  | 0.00 |
| December 2033 thereafter . . . . |  | 0.00 |  | 0.00 |  | 0.00 |  | 0.00 |


| Distribution Date | $\begin{gathered} \text { Classes WE and } \\ \text { WG } \\ \text { (in the aggregate) } \end{gathered}$ | Class WH | Classes WN, wU, WV and WY (in the aggregate) | Class XC |
| :---: | :---: | :---: | :---: | :---: |
| Initial Balance | \$7,335,000.00 | \$4,900,000.00 | \$8,586,000.00 | \$2,400,000.00 |
| June 2004 | 7,316,797.20 | 4,882,099.53 | 8,511,085.54 | 2,364,592.37 |
| July 2004 | 7,294,704.22 | 4,859,459.02 | 8,431,107.01 | 2,327,170.63 |
| August 2004 | 7,268,008.11 | 4,832,098.64 | 8,346,632.92 | 2,287,698.78 |
| September 2004 | 7,236,732.41 | 4,800,045.56 | 8,257,750.47 | 2,246,228.94 |
| October 2004 | 7,200,905.74 | 4,763,333.94 | 8,164,551.84 | 2,202,816.27 |
| November 2004 | 7,160,561.75 | 4,722,004.92 | 8,067,134.10 | 2,157,518.96 |
| December 2004 | 7,115,739.13 | 4,676,106.55 | 7,965,599.08 | 2,110,398.05 |
| January 2005 | 7,066,481.54 | 4,625,693.80 | 7,860,053.26 | 2,061,517.40 |
| February 2005 | 7,012,837.61 | 4,570,828.48 | 7,750,607.64 | 2,010,943.55 |
| March 2005 | 6,954,860.87 | 4,511,579.14 | 7,637,377.62 | 1,958,745.65 |
| April 2005 | 6,892,609.71 | 4,448,021.02 | 7,520,482.85 | 1,904,995.31 |
| May 2005 | 6,826,147.30 | 4,380,235.95 | 7,400,047.08 | 1,849,766.51 |
| June 2005 | 6,755,541.56 | 4,308,312.21 | 7,276,198.02 | 1,793,135.48 |
| July 2005 | 6,680,865.07 | 4,232,344.43 | 7,149,067.17 | 1,735,180.54 |
| August 2005 | 6,602,194.98 | 4,152,433.47 | 7,018,789.68 | 1,675,982.01 |
| September 2005 | 6,519,612.94 | 4,068,686.23 | 6,885,504.16 | 1,615,622.06 |
| October 2005 | 6,433,205.01 | 3,981,215.53 | 6,754,103.60 | 1,556,382.14 |
| November 2005 | 6,343,061.54 | 3,890,139.89 | 6,624,571.87 | 1,498,248.57 |
| December 2005 | 6,249,277.10 | 3,795,583.41 | 6,496,892.91 | 1,441,207.81 |
| January 2006 | 6,151,950.35 | 3,697,675.53 | 6,371,050.83 | 1,385,246.46 |
| February 2006 | 6,051,183.91 | 3,596,550.83 | 6,247,029.83 | 1,330,351.27 |
| March 2006 | 5,947,084.26 | 3,492,348.81 | 6,124,814.23 | 1,276,509.11 |
| April 2006 | 5,839,761.61 | 3,385,213.71 | 6,004,388.47 | 1,223,707.03 |
| May 2006 | 5,729,329.75 | 3,275,294.19 | 5,885,737.11 | 1,171,932.17 |
| June 2006 | 5,615,905.94 | 3,162,743.18 | 5,768,844.83 | 1,121,171.84 |
| July 2006 | 5,499,610.74 | 3,047,717.54 | 5,653,696.42 | 1,071,413.49 |
| August 2006 | 5,380,567.87 | 2,930,377.87 | 5,540,276.78 | 1,022,644.67 |
| September 2006 | 5,262,152.35 | 2,814,157.93 | 5,428,570.91 | 974,853.10 |
| October 2006 | 5,145,420.62 | 2,700,120.23 | 5,318,563.96 | 928,026.61 |
| November 2006 | 5,030,358.45 | 2,588,238.21 | 5,210,241.16 | 882,153.17 |
| December 2006 | 4,916,951.66 | 2,478,485.58 | 5,103,587.87 | 837,220.86 |
| January 2007 | 4,805,186.23 | 2,370,836.35 | 4,998,589.55 | 793,217.92 |
| February 2007 | 4,695,048.20 | 2,265,264.79 | 4,895,231.76 | 750,132.69 |
| March 2007 | 4,586,523.74 | 2,161,745.45 | 4,793,500.19 | 707,953.64 |
| April 2007 | 4,479,599.11 | 2,060,253.14 | 4,693,380.62 | 666,669.38 |
| May 2007 | 4,374,260.67 | 1,960,762.94 | 4,594,858.95 | 626,268.62 |
| June 2007 | 4,270,494.89 | 1,863,250.21 | 4,497,921.18 | 586,740.21 |
| July 2007 | 4,168,288.33 | 1,767,690.56 | 4,402,553.41 | 548,073.10 |
| August 2007 | 4,067,627.66 | 1,674,059.85 | 4,308,741.86 | 510,256.39 |
| September 2007 | 3,968,499.64 | 1,582,334.20 | 4,216,472.83 | 473,279.26 |
| October 2007 | 3,870,891.13 | 1,492,490.01 | 4,125,732.75 | 437,131.03 |
| November 2007 | 3,774,789.09 | 1,404,503.89 | 4,036,508.14 | 401,801.14 |


| Distribution Date | $\begin{gathered} \text { Classes WE and } \\ \text { WG } \\ \text { (in the aggregate) } \\ \hline \end{gathered}$ | Class WH | Classes WN, WU, WV and WY (in the aggregate) |  | Class XC |
| :---: | :---: | :---: | :---: | :---: | :---: |
| December 2007 | \$3,680,180.57 | \$1,318,352.74 | \$3,948,785.61 | \$ | 367,279.12 |
| January 2008 | 3,587,052.73 | 1,234,013.68 | 3,862,551.90 |  | 333,554.64 |
| February 2008 | 3,495,392.80 | 1,151,464.08 | 3,777,793.83 |  | 300,617.47 |
| March 2008 | 3,405,188.13 | 1,070,681.55 | 3,694,498.32 |  | 268,457.49 |
| April 2008 | 3,316,426.15 | 991,643.95 | 3,612,652.39 |  | 237,064.68 |
| May 2008 | 3,229,094.40 | 914,329.37 | 3,532,243.17 |  | 206,429.15 |
| June 2008 | 3,143,180.49 | 838,716.12 | 3,453,257.87 |  | 176,541.11 |
| July 2008 | 3,058,672.13 | 764,782.78 | 3,375,683.81 |  | 147,390.86 |
| August 2008 | 2,975,557.13 | 692,508.11 | 3,299,508.41 |  | 118,968.83 |
| September 2008 | 2,893,823.37 | 621,871.15 | 3,224,719.17 |  | 91,265.54 |
| October 2008 | 2,813,458.85 | 552,851.12 | 3,151,303.69 |  | 64,271.61 |
| November 2008 | 2,734,451.64 | 485,427.50 | 3,079,249.67 |  | 37,977.77 |
| December 2008 | 2,656,789.89 | 419,579.95 | 3,008,544.90 |  | 12,374.86 |
| January 2009 | 2,580,461.88 | 355,288.39 | 2,939,177.27 |  | 0.00 |
| February 2009 | 2,505,455.93 | 292,532.94 | 2,871,134.74 |  | 0.00 |
| March 2009 | 2,431,760.46 | 231,293.92 | 2,804,405.39 |  | 0.00 |
| April 2009 | 2,359,363.99 | 171,551.87 | 2,738,977.38 |  | 0.00 |
| May 2009 | 2,288,255.11 | 113,287.57 | 2,674,838.96 |  | 0.00 |
| June 2009 | 2,218,422.51 | 56,481.96 | 2,611,978.46 |  | 0.00 |
| July 2009 | 2,149,854.97 | 1,116.21 | 2,550,384.31 |  | 0.00 |
| August 2009 | 2,082,541.32 | 0.00 | 2,490,045.03 |  | 0.00 |
| September 2009 | 2,016,470.50 | 0.00 | 2,430,949.22 |  | 0.00 |
| October 2009 | 1,951,631.54 | 0.00 | 2,373,085.58 |  | 0.00 |
| November 2009 | 1,888,013.54 | 0.00 | 2,316,442.87 |  | 0.00 |
| December 2009 | 1,825,605.67 | 0.00 | 2,261,009.97 |  | 0.00 |
| January 2010 | 1,764,397.20 | 0.00 | 2,206,775.82 |  | 0.00 |
| February 2010 | 1,704,377.47 | 0.00 | 2,153,729.45 |  | 0.00 |
| March 2010 | 1,645,535.91 | 0.00 | 2,101,859.99 |  | 0.00 |
| April 2010 | 1,587,862.03 | 0.00 | 2,051,156.64 |  | 0.00 |
| May 2010 | 1,531,345.41 | 0.00 | 2,001,608.67 |  | 0.00 |
| June 2010 | 1,475,975.70 | 0.00 | 1,953,205.46 |  | 0.00 |
| July 2010 | 1,421,742.64 | 0.00 | 1,905,936.45 |  | 0.00 |
| August 2010 | 1,368,636.06 | 0.00 | 1,859,791.17 |  | 0.00 |
| September 2010 | 1,316,645.84 | 0.00 | 1,814,759.24 |  | 0.00 |
| October 2010 | 1,265,761.96 | 0.00 | 1,770,830.34 |  | 0.00 |
| November 2010 | 1,215,974.46 | 0.00 | 1,727,994.25 |  | 0.00 |
| December 2010 | 1,167,273.45 | 0.00 | 1,686,240.81 |  | 0.00 |
| January 2011 | 1,119,649.14 | 0.00 | 1,645,559.95 |  | 0.00 |
| February 2011 | 1,073,091.79 | 0.00 | 1,605,941.68 |  | 0.00 |
| March 2011 | 1,027,591.74 | 0.00 | 1,567,376.07 |  | 0.00 |
| April 2011 | 983,139.42 | 0.00 | 1,529,853.29 |  | 0.00 |
| May 2011 | 939,725.31 | 0.00 | 1,493,363.57 |  | 0.00 |
| June 2011 | 897,339.97 | 0.00 | 1,457,897.21 |  | 0.00 |


| Distribution Date | Classes WE and(in the aggregate) |  | Class WH |  | Classes WN, WU, WV and WY (in the aggregate) | Class XC |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| July 2011 | \$ | 855,974.04 | \$ | 0.00 | \$1,423,444.61 | \$ | 0.00 |
| August 2011 |  | 815,618.20 |  | 0.00 | 1,389,996.24 |  | 0.00 |
| September 2011 |  | 776,263.24 |  | 0.00 | 1,357,542.61 |  | 0.00 |
| October 2011 |  | 737,900.00 |  | 0.00 | 1,325,588.25 |  | 0.00 |
| November 2011 |  | 700,519.41 |  | 0.00 | 1,295,096.02 |  | 0.00 |
| December 2011 |  | 664,112.43 |  | 0.00 | 1,265,570.58 |  | 0.00 |
| January 2012 |  | 628,670.12 |  | 0.00 | 1,237,002.76 |  | 0.00 |
| February 2012. |  | 594,183.60 |  | 0.00 | 1,209,383.45 |  | 0.00 |
| March 2012 |  | 560,644.05 |  | 0.00 | 1,182,703.62 |  | 0.00 |
| April 2012 |  | 528,042.73 |  | 0.00 | 1,156,954.31 |  | 0.00 |
| May 2012 |  | 496,370.96 |  | 0.00 | 1,132,126.63 |  | 0.00 |
| June 2012 |  | 465,620.13 |  | 0.00 | 1,105,693.89 |  | 0.00 |
| July 2012 |  | 435,781.69 |  | 0.00 | 1,073,098.50 |  | 0.00 |
| August 2012 |  | 406,847.15 |  | 0.00 | 1,034,466.72 |  | 0.00 |
| September 2012 |  | 378,808.11 |  | 0.00 | 989,922.82 |  | 0.00 |
| October 2012 |  | 351,656.21 |  | 0.00 | 939,589.11 |  | 0.00 |
| November 2012 |  | 325,383.16 |  | 0.00 | 883,585.99 |  | 0.00 |
| December 2012 |  | 299,980.72 |  | 0.00 | 825,876.31 |  | 0.00 |
| January 2013 |  | 275,440.75 |  | 0.00 | 766,710.58 |  | 0.00 |
| February 2013 |  | 251,755.14 |  | 0.00 | 706,135.92 |  | 0.00 |
| March 2013 |  | 222,897.12 |  | 0.00 | 644,198.50 |  | 0.00 |
| April 2013 |  | 186,741.06 |  | 0.00 | 580,943.56 |  | 0.00 |
| May 2013 |  | 143,434.72 |  | 0.00 | 516,415.45 |  | 0.00 |
| June 2013 |  | 93,123.57 |  | 0.00 | 450,657.59 |  | 0.00 |
| July 2013 |  | 35,950.82 |  | 0.00 | 383,712.54 |  | 0.00 |
| August 2013 |  | 0.00 |  | 0.00 | 315,621.99 |  | 0.00 |
| September 2013 |  | 0.00 |  | 0.00 | 246,426.78 |  | 0.00 |
| October 2013 |  | 0.00 |  | 0.00 | 176,166.92 |  | 0.00 |
| November 2013 |  | 0.00 |  | 0.00 | 104,881.61 |  | 0.00 |
| December 2013 |  | 0.00 |  | 0.00 | 32,609.22 |  | 0.00 |
| January 2014 and thereafter |  | 0.00 |  | 0.00 | 0.00 |  | 0.00 |

Exhibit A

> (3) These Underlying Certificates bear interest during their respective interest accrual periods, subject to the applicable maximum and minimum interest rates, as further described in the related Underlying Certificate Disclosure Documents, excerpts of which are attached as Exhibit B to this Supplement.
> (4) Class DF is backed by a previously issued REMIC certificate, Class CA from Ginnie Mae REMIC Trust 2004-011, copies of the cover page and term sheet of which are included in Exhibit B.
> (5) Class ES is backed by a previously issued REMIC certificate, Class ST from Ginnie Mae REMIC Trust 2004-018, which is backed by a previously issued REMIC certificate, Class ST from Ginnie Mae REMIC Trust 2004-011, copies of the cover pages and term sheets of which are included in Exhibit B.

## Exhibit B

Cover Pages and Terms Sheets from Underlying Certificate Disclosure Documents

# Government National Mortgage Association GINNIE MAE ${ }^{\circledR}$ 

Guaranteed REMIC Pass-Through Securities and MX Securities<br>Ginnie Mae REMIC Trust 2004-016

> The securities may not be suitable investments for you. You should consider carefully the risks of investing in them.

See "Risk Factors" beginning on page S-7 which highlights some of these risks.

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

The Trust and its Assets
The Trust will own Ginnie Mae Certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be February 27, 2004.

You should read the Base Offering Circular as well as this Supplement.
The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

Banc of America Securities LLC
Ormes Capital Markets, Inc.

The date of this Offering Circular Supplement is February 20, 2004.

## Ginnie Mae REMIC Trust 2004-016

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal <br> Balance(2) | Interest Rate | Principal Type(3) | Interest <br> Type(3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ | CUSIP Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AB (1) | \$ 16,895,000 | 5.5\% | SUP | FIX | June 2031 | $38374 \mathrm{FGW8}$ |
| AC (1) | 21,846,000 | 5.5 | SUP | FIX | June 2032 | $38374 \mathrm{FGX6}$ |
| AD (1) | 19,223,000 | 5.5 | SUP | FIX | April 2033 | 38374 FGY 4 |
| AE (1) | 22,036,000 | 5.5 | SUP | FIX | February 2034 | $38374 \mathrm{FGZ1}$ |
| EA(1) | 15,575,000 | 5.5 | PAC II | FIX | October 2033 | 38374 FHA 5 |
| EB(1) | 15,715,000 | 5.5 | SUP | FIX | October 2033 | 38374 FHB 3 |
| EC(1) | 3,710,000 | 5.5 | SUP | FIX | February 2034 | 38374 FHC 1 |
| F (1) | 155,647,066 | (5) | TAC | FLT | February 2034 | 38374 FHD 9 |
| FI(1) | 54,491,800 | (5) | NTL (PAC I/AD) | FLT/IO | August 2028 | 38374 FHE 7 |
| GA(1) | 34,724,000 | 5.5 | SUP | FIX | May 2032 | 38374 FHF 4 |
| GB(1) | 22,206,000 | 5.5 | SUP | FIX | June 2033 | 38374 FHG 2 |
| GC(1) | 16,290,000 | 5.5 | SUP | FIX | February 2034 | $38374 \mathrm{FHH0}$ |
| IF (1) | 201,795,000 | (5) | NTL (PAC I/AD) | FLT/IO | February 2034 | 38374 F H J 6 |
| IS (1) | 201,795,000 | (5) | NTL(PAC I/AD) | INV/IO | February 2034 | 38374 FHK 3 |
| OA(1) | 74,307,000 | 0.0 | PAC I/AD | PO | August 2028 | 38374 FH L 1 |
| OB (1) | 275,175,000 | 0.0 | PAC I/AD | PO | February 2034 | 38374 FHM 9 |
| PO(1) | 21,318,932 | 0.0 | TAC | PO | February 2034 | 38374 FHN 7 |
| SE (1) | 10,376,472 | (5) | TAC | INV | February 2034 | 38374 FHP 2 |
| SF (1) | 24,903,530 | (5) | TAC | INV | February 2034 | 38374 FHQ 0 |
| SH(1) | 155,647,066 | (5) | NTL(TAC) | INV/IO | February 2034 | 38374 FHR 8 |
| SI(1) | 54,491,800 | (5) | NTL(PAC I/AD) | INV/IO | August 2028 | 38374 FHS 6 |
| ZP. | 52,000 | 5.5 | PAC | FIX/Z | February 2034 | 38374 FHT 4 |
| Residual |  |  |  |  |  |  |
| RR | 0 | 0.0 | NPR | NPR | February 2034 | 38374 FHU 1 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
(3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(5) See "Terms Sheet - Interest Rates" in this Supplement.

## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

Sponsor: Banc of America Securities LLC
Trustee: U.S. Bank National Association
Tax Administrator: The Trustee
Closing Date: February 27, 2004
Distribution Date: The 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in March 2004.

## Trust Assets:

| Trust Asset Type |  |  |
| :--- | :---: | :---: |
| Ginnie Mae II | $\frac{\text { Certificate Rate }}{5.5 \%}$ | Original Term <br> To Maturity <br> (in years) |
| 30 |  |  |

## Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets ${ }^{1}$ :

| Principa1 <br> Balance $^{2}$ | Weighted Average <br> Remaining Term to <br> Maturity (in months) | Weighted Average <br> Loan Age <br> (in months) |  |
| :--- | :---: | :---: | :---: | | Weighted |
| :---: |
| Average |
| Mortgage Rate ${ }^{3}$ |

${ }^{1}$ As of February 1, 2004.
${ }^{2}$ Does not include Trust Assets that will be added to pay the Trustee Fee.
${ }^{3}$ The Mortgage Loans underlying the Trust Assets may bear interest at rates ranging from $0.25 \%$ to $1.50 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.
Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate Class. See "Description of the Securities - Form of Securities" in this Supplement.

Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate <br> Formula(1) | Initial <br> Interest <br> Rate(2) | $\begin{aligned} & \text { Minimum } \\ & \text { Rate } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Maximum } \\ & \text { Rate } \end{aligned}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BF | LIBOR + 0.30\% | $1.4000000 \%$ | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| CF | LIBOR + 0.30\% | $1.4000000 \%$ | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| F | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| FA | LIBOR + 0.30\% | $1.4000000 \%$ | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| FI | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| FP | LIBOR + 0.30\% | $1.4000000 \%$ | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| IF | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | $7.50000000 \%$ | 0 | 0.0000\% |
| IS | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | $7.20000000 \%$ | 0 | 7.2000\% |
| S | $19.79999977 \%-($ LIBOR $\times 2.74999996)$ | 16.7749997\% | 0.0\% | 19.79999977\% | 0 | 7.2000\% |
| SD | 40.15486634\% - (LIBOR $\times 7.30088479$ ) | $32.1238930 \%$ | 0.0\% | 40.15486634\% | 0 | 5.5000\% |
| SE | 89.99999242\% - (LIBOR $\times 14.99999874$ ) | $7.5000000 \%$ | 0.0\% | $7.50000000 \%$ | 0 | 6.0000\% |
| SF | $44.99999929 \%-($ LIBOR $\times 6.24999988)$ | $7.5000000 \%$ | 0.0\% | $7.50000000 \%$ | 0 | 7.2000\% |
| SH | 5.50\% - LIBOR | $4.4000000 \%$ | 0.0\% | $5.50000000 \%$ | 0 | 5.5000\% |
| SI | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | $7.20000000 \%$ | 0 | 7.2000\% |
| SL |  | 8.7999999\% | 0.0\% | 10.99999997\% | 0 | 5.5000\% |
| SM. |  | 13.1999999\% | 0.0\% | 16.49999995\% | 0 | 5.5000\% |
| SN | $21.99999993 \%-($ LIBOR $\times 3.99999999)$ | 17.5999999\% | 0.0\% | 21.99999993\% | 0 | 5.5000\% |
| SO. | $23.48451329 \%-($ LIBOR $\times 4.26991151)$ | 18.7876106\% | 0.0\% | 23.48451329\% | 0 | 5.5000\% |
| SY | $31.76470558 \%-($ LIBOR $\times 4.41176465)$ | $7.5000000 \%$ | 0.0\% | $7.50000000 \%$ | 0 | 7.2000\% |

(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities - Interest Distributions - Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date, the following distributions will be made to the related Securities:

A percentage of the Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Principal Distribution Amount (the "Adjusted Principal Distribution Amount") and the ZP Accrual Amount will be allocated follows:

- The ZP Accrual Amount in the following order of priority:

1. Sequentially, to $O A$ and $O B$, in that order, until retired
2. To ZP, until retired

- The Adjusted Principal Distribution Amount in the following order of priority:

1. Sequentially, to $\mathrm{OA}, \mathrm{OB}$ and ZP , in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Concurrently, to F, PO, SE and SF, pro rata, until reduced to their Aggregate Scheduled Principal Balance, for that Distribution Date
3. Concurrently:
a. $18.5952608649 \%$ as follows:
i. To EA, until reduced to its Scheduled Principal Balance for that Distribution Date
ii. To EB, until retired
iii. To EA, without regard to its Scheduled Principal Balance, until retired
iv. To EC, until retired
b. $42.5034534056 \%$ sequentially to $\mathrm{AB}, \mathrm{AC}, \mathrm{AD}$ and AE , in that order, until retired c. $38.9012857295 \%$ sequentially to GA, GB and GC, in that order, until retired
4. Concurrently, to F, PO, SE and SF, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
5. Sequentially, to $\mathrm{OA}, \mathrm{OB}$ and ZP , in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using, among other things, the following Structuring Ranges or Rate:

Class
$\mathrm{OA}, \mathrm{OB}$ and ZP (in the aggregate)
EA
$\mathrm{F}, \mathrm{PO}, \mathrm{SE}$ and SF (in the aggregate)

Structuring Ranges or Rate
$115 \%$ PSA through $400 \%$ PSA
$150 \%$ PSA through $210 \%$ PSA
$350 \%$ PSA

Accrual Class: Interest will accrue on the Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Class as interest. Interest so accrued on the Accrual Class on each Distribution Date will constitute the Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal." After interest distributions commence on the Accrual Class, interest distributions will continue until the Class Principal Balance of that Class is reduced to zero.

Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

| Class | Approximate <br> Original Class <br> Notional Balance |
| :--- | :--- |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.

## \$2,194,444,445

# Government National Mortgage Association 

## GINNIE MAE ${ }^{\circledR}$

Guaranteed REMIC Pass-Through Securities<br>and MX Securities

Ginnie Mae REMIC Trust 2003-086

The securities may not be suitable investments for you. You should consider carefully the risks of investing in them.

See "Risk Factors" beginning on page S-13 which highlights some of these risks.

The Securities
The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

The Trust and its Assets
The Trust will own Ginnie Mae Certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be October 30, 2003.

You should read the Base Offering Circular as well as this Supplement.

The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

## UBS Investment Bank

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal Balance(2) | Interest Rate | Principal Type(3) | Interest <br> Type(3) | Final Distribution Date $(4)$ | CUSIP <br> Number | Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | Principal Type(3) | Interest <br> Type(3) | Final Distribution Date(4) | CUSIP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CF | \$ 17,946,733 | (5) | NSJ/SUP | FLT | October 2033 | 38374CA92 | JV | \$ 6,371,000 | 5.500\% | \% SEQ | FIX | April 2030 | 38374CG39 |
| CO | 2,024,555 | 0.000\% | \% SUP | PO | October 2033 | 38374 CB 26 | SY (1) | 63,603,428 | (5) | NTL (SEQ) | INV/IO | July 2027 | 38374CG47 |
| DS (1) | 7,178,694 | (5) | NSJ/SUP | INV | October 2033 | 38374CB34 | VH | 18,368,000 | 5.500 | SEQ/AD | FIX | September 2014 | 38374CG54 |
| EI (1) | 40,865,800 | 5.000 | NTL (PAC) | FIX/IO | October 2033 | 38374CB42 | VK (1) | 21,632,000 | 5.500 | NTL (SEQ/AD) | ) FIX/IO | June 2022 | 38374CG62 |
| EO (1) | 40,865,800 | 0.000 | PAC | PO | October 2033 | 38374CB59 | VL (1) | 21,632,000 | 0.000 | SEQ/AD | PO | June 2022 | 38374CG70 |
| ES (1) | 1,794,673 | (5) | NSJ/SUP | INV | October 2033 | 38374CB67 | ZD | 22,500,000 | 5.500 | SEQ | FIX/Z | October 2033 | 38374CG88 |
| IA | 33,860,400 | 5.000 | NTL (PAC) | FIX/IO | February 2026 | 38374CB75 | Security Group 5 |  |  |  |  |  |  |
| KA | 41,000,000 | 5.000 | NSJ/TAC/AD | FIX | October 2033 | 38374CB83 | F (1) | 5,152,952 | (5) | SUP | FLT/DLY | October 2033 | 38374CG96 |
| KE | 45,400,000 | 5.000 | NSJ/TAC/AD | FIX | October 2033 | 38374CB91 | FH (1) | 200,000,000 | (5) | STP | FLT | October 2033 | 38374CH20 |
| PC (1) | 75,430,000 | 5.000 | PAC | FIX | January 2029 | 38374CC25 | OD (1) | 35,282,622 | 4.250 | PAC | FIX | October 2033 | 38374 CH 38 |
| PD (1) | 29,024,000 | 5.000 | PAC | FIX | February 2030 | 38374CC33 | OE... | 68,378 | 4.250 | PAC | FIX | October 2033 | 38374 CH 46 |
| PI (1) | 84,972,000 | 5.000 | NTL (PAC) | FIX/IO | September 2032 | 38374CC41 | S (1) | 3,940,493 | (5) | SUP | INV/DLY | O October 2033 | 38374 CH 53 |
| PO (1) | 84,972,000 | 0.000 | PAC | PO | September 2032 | 38374CC58 | SH (1) | 200,000,000 | (5) | NTL (STP) | INV/IO | October 2033 | $38374 \mathrm{CH61}$ |
| PY . | 112,868,000 | 3.500 | PAC | FIX | February 2026 | 38374CC66 | Security | roup 6 |  |  |  |  |  |
| W. | $20,245,545$ 10,500 | 5.500 5.000 | $\xrightarrow[\text { SUJ/CPT/SUP }]{\text { SAP }}$ | FIX | October 2033 | $38374 \mathrm{CC74}$ | FN (1) | 62,993,203 | (5) | SEQ | FLT | May 2027 | 38374CH79 |
| ZA | $10,500,000$ $10,750,000$ | 5.000 5.000 | NSJ/CPT/SUP | FIX/Z | April 2032 August 2032 | 38374 CC 82 38374 C 90 | GA . . | 75,000,000 | 4.500 | SEQ | FIX | November 2028 | 38374 CH 87 |
| Security G | 10, 2 | 5.000 | NSJ/CPI/SUP | FIX/Z | A | 38374CC90 | GC | 36,139,255 | 5.000 | SEQ | FIX | February 2030 | 38374 CH95 |
| GI (1) | 19,850,800 | 5.500 | NTL (PAC) | FIX/IO | October 2033 | 38374CD24 | GF (1) | 15,000,000 | (5) | SEQ | FLT | November 2028 | 38374 CJ 36 |
| GO (1) | 19,850,800 | 0.000 | PAC | PO | October 2033 | 38374CD32 | GH | 28,384,533 | 5.000 | SEQ | FIX | November 2028 | 38374 CJ 44 |
| IC. | $12,170,454$ 61369,000 | 5.500 5.500 | NTL (PAC) | FIX/IO | October 2027 | 38374CD40 | GS (1) | 15,000,000 | (5) | NTL (SEQ) | INV/IO | November 2028 | 38374CJ51 |
| KB | 61,369,000 13,199,000 | 5.500 5.500 | NSJ/TAC/AD | FIX | October 2033 | 38374CD57 | SN (1) | 62,993,203 | (5) | NTL (SEQ) | INV/IO | May 2027 | 38374CJ69 |
| QI (1) | 42,704,000 | 5.500 | NTL (PAC) | FIX/IO | October 2032 | 38374CD73 | VM | 34,308,978 | 5.000 | SEQ/AD | FIX | October 2014 | 38374CJ77 |
| QO (1) | 42,704,000 | 0.000 | PAC | PO | October 2032 | 38374CD81 | WO (1) | 43,691,022 | 0.000 | SEQ/AD | PO | June 2023 | 38374CJ93 |
| QP | 3,500,000 | 3.500 | PAC | FIX | July 2026 | 38374 CD 99 | ZK . . . | 47,000,000 | 5.000 | SEQ | FIX/Z | October 2033 | 38374CK26 |
| QW | 68,500,000 | 4.625 | PAC | FIX | October 2027 | 38374 CE 23 | Security Group 7 SEQ FIX/Z October 2033 38374CK26 |  |  |  |  |  |  |
| QX (1) | 22,127,000 | 5.500 | PAC | FIX | May 2029 | 38374 CE 31 | IH (1) . . | 17,583,181 | 5.500 | NTL (PAC) | FIX/IO | March 2024 |  |
| ZB ..... | 18,750,200 | 5.500 | NSJ/CPT/SUP | FIX/Z | October 2033 | 38374CE49 | NA | $104,796,000$ | 5.500 | PAC | FIX | $\xrightarrow[\text { December } 2031]{ }$ | $\begin{aligned} & 38374 \text { CK } 34 \\ & 38374 \text { CK42 } \end{aligned}$ |
| Security G AC (1) . . | [up 3 16,059,000 | 4.500 | SEQ |  | February 2025 |  | NB (i) . | 138,683,000 | 3.000 | PAC | FIX | March 2024 | 38374CK59 |
| AD (1) | 16,07,000 | 4.500 4.500 | SEQ | FIX | February 2025 January 2028 | 38374CE64 | NI (1) | 14,963,000 | 5.500 | NTL (PAC) | FIX/IO | October 2032 | 38374C2L4 |
| AE | 52,901,000 | 3.500 | SEQ | FIX | March 2023 | 38374CE72 | NO (1) | 14,963,000 | 0.000 500 | PAC | PO | October 2032 | 38374CK67 |
| AH | 14,000,000 | 4.000 | SEQ | FIX | March 2023 | 38374CE80 |  | 19,864,000 |  | NTL (PAC) | FIX/1O | October 2033 | 38374CK75 |
| FG (1) | 19,967,000 | (5) | SEQ | FLT | March 2023 | 38374CE98 | WA | $19,864,000$ $30,719,000$ | 0.000 5.500 | PAC | PIX | October 2033 November 2032 | 38374 CK 83 38374 CK 91 |
| SG (1) | 19,967,000 | (5) | NTL (SEQ) | INV/IO | March 2023 | 38374CF22 | WB | 1,519,000 | 5.500 | SUP | FIX | November 2032 | 38374CK91 38374CL25 |
| VE (i) | $17,979,000$ $24,021,000$ | 4.500 4.500 | SEQ/AD NTL (SEQ/AD) | FIX | November 2014 | 38374 CF 30 38374 CF 48 | WC | 6,528,000 | 5.500 5.500 | SUP | FIX | December 2032 | 38374CL25 38374CL33 |
| VO(1) | 24,021,000 | 0.000 | NIL $\mathrm{SEQ/AD}$ | FIX/O PO | March 2024 | 38374CF48 | WD | 11,042,000 | 5.500 | SUP | FIX | October 2033 | 38374CL41 |
| ZC | 28,000,000 | 4.500 | SEQ | FIX/Z | October 2033 | 38374CF63 |  | 5,278,000 | 5.500 5.500 | $\mathrm{SCH}_{\text {SCH }}$ | FIX | December 2029 | 38374CL58 |
| Security G | up 4 |  |  |  |  |  | WG | 1,805,000 | 5.500 5.500 | SCH | FIX | February 2030 | 38374CL66 |
| BC (1) | 84,804,572 | 4.000 | SEQ | FIX | July 2027 | 38374CF71 | WJ | $1,803,000$ $9,100,000$ | 5.500 5.500 | SCH | FIX | March 2030 | 38374 CL 74 38374 CL 82 |
| BD | 29,092,000 | 5.500 | SEQ | FIX | April 2030 | 38374CF89 | WK | 9,100,000 $3,900,000$ | 5.500 5.500 | SUP | FIX | November 2032 | 38374CL82 38374CL90 |
| ET | 3,629,000 | 5.500 | SEQ | FIX | August 2028 | 38374CF97 | Residual | 3,900,000 | 5.500 | SUP | FIX | November 2032 | 38374CL90 |
| FY (1) | 63,603,428 | (5) | SEQ | FLT | July 2027 | 38374CG21 | RR . . . . . | 0 | 0.000 | NPR | NPR | October 2033 | 38374CM24 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
(3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations-Final Distribution Date" in this Supplement.
(5) See "Terms Sheet-Interest Rates" in this Supplement.

## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

Sponsor: UBS Securities LLC
Trustee: Bank One Trust Company, N.A.
Tax Administrator: The Trustee
Closing Date: October 30, 2003
Distribution Dates: For the Group 1, 2, 3, 4, 6 and 7 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in November 2003. For the Group 5 Securities, the 16th day of each month or, if the 16 th day is not a Business Day, the first Business Day thereafter, commencing in November 2003.

## Trust Assets:

| Trust Asset <br> Group | Trust Asset Type | Certificate <br> Rate | Original Term to <br> Maturity (in years) |
| :---: | :---: | :---: | :---: |
| 1 | Ginnie Mae II | $5.0 \%$ | 30 |
| 2 | Ginnie Mae II | $5.5 \%$ | 30 |
| 3 | Ginnie Mae II | $4.5 \%$ | 30 |
| 4 | Ginnie Mae II | $5.5 \%$ | 30 |
| 5 | Ginnie Mae I | $6.5 \%$ | 30 |
| 6 | Ginnie Mae II | $5.0 \%$ | 30 |
| 7 | Ginnie Mae II | $5.5 \%$ | 30 |

Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

## Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets ${ }^{1}$ :

| Principal Balance ${ }^{2}$ | Weighted Average Remaining Term to Maturity (in months) | Weighted Average Loan Age (in months) | Weighted Average Mortgage Rate ${ }^{3}$ |
| :---: | :---: | :---: | :---: |
| Group 1 Trust Assets |  |  |  |
| \$500,000,000 | 356 | 2 | 5.400\% |
| Group 2 Trust Assets |  |  |  |
| \$250,000,000 | 353 | 4 | 5.939\% |
| Group 3 Trust Assets |  |  |  |
| \$200,000,000 | 354 | 3 | 5.125\% |
| Group 4 Trust Assets |  |  |  |
| \$250,000,000 | 355 | 2 | 5.875\% |
| Group 5 Trust Assets |  |  |  |
| \$102,792,029 | 300 | 53 | 7.000\% |
| 106,552,704 | 287 | 65 | 7.000\% |
| 35,099,712 | 251 | 96 | 7.000\% |
| \$244,444,445 |  |  |  |
| Group 6 Trust Assets |  |  |  |
| \$500,000,000 | 356 | 2 | 5.400\% |
| Group 7 Trust Assets |  |  |  |
| \$250,000,000 | 353 | 4 | 5.939\% |

1 As of October 1, 2003.
2 Does not include Group 3 Trust Assets that will be added to pay the Trustee Fee.
3 The Mortgage Loans underlying the Group 1, 2, 3, 4, 6 and 7 Trust Assets may bear interest at rates ranging from $0.25 \%$ to $1.50 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and, in the case of the Group 1, 2, 3, 4, 6 and 7 Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets-The Mortgage Loans" in this Supplement.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities-Form of Securities" in this Supplement.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities-Modification and Exchange" in this Supplement.

Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only, NonSticky Jump or Inverse Floating Rate Class. See "Description of the Securities-Form of Securities" in this Supplement.

Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on onemonth LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate Formula(1) | Initial Interest Rate(2) | $\underset{\text { Rate }}{\text { Minimum }}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \\ \hline \end{gathered}$ | Delay (in days) | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CF | LIBOR + 1.50\% | 2.60000\% | 1.50\% | 7.500000\% | 0 | 0.00\% |
| CS | 12.00\% - (LIBOR x 2.00 ) | 9.80000\% | 0.00\% | 12.000000\% | 0 | 6.00\% |
| DS | 12.50\% - (LIBOR x 2.50 ) | 9.75000\% | 0.00\% | 12.500000\% | 0 | 5.00\% |
| ES | 60.00\% - (LIBOR x 10.00) | 10.00000\% | 0.00\% | 10.000000\% | 0 | 6.00\% |
| GF | LIBOR + 0.35\% | 1.47000\% | 0.35\% | 7.500000\% | 0 | 0.00\% |
| GS | 7.15\% - LIBOR | 6.03000\% | 0.00\% | $7.150000 \%$ | 0 | 7.15\% |
| F | LIBOR + 1.50\% | 2.62000\% | 1.50\% | 7.500000\% | 15 | 0.00\% |
| FG | LIBOR + 0.30\% | 1.42000\% | 0.30\% | 7.500000\% | 0 | 0.00\% |
| FH | LIBOR + 0.45\% | 1.57000\% | 0.45\% | $7.000000 \%$ | 0 | 0.00\% |
| FN | LIBOR + 0.30\% | 1.42000\% | 0.30\% | $7.500000 \%$ | 0 | 0.00\% |
| FY | LIBOR + 0.30\% | 1.42000\% | 0.30\% | 7.500000\% | 0 | 0.00\% |
| S | 7.846152\% - (LIBOR x 1.307692) | 6.38154\% | 0.00\% | 7.846152\% | 15 | 6.00\% |
| SG | $7.20 \%$ - LIBOR | 6.08000\% | 0.00\% | 7.200000\% | 0 | 7.20\% |
| SH | 6.55\% - LIBOR | $5.43000 \%$ | 0.00\% | 6.550000\% | 0 | 6.55\% |
| SN | 7.20\% - LIBOR | 6.08000\% | 0.00\% | 7.200000\% | 0 | 7.20\% |
| SY | 7.20\% - LIBOR | 6.08000\% | 0.00\% | 7.200000\% | 0 | 7.20\% |

(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities-Interest Distributions-Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount and the ZA1, ZA2, ZE1 and ZE2 Accrual Amounts will be allocated as follows:

- The ZA1 Accrual Amount in the following order of priority:

1. To KA, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To ZA1, until retired

- The ZA2 Accrual Amount in the following order of priority:

1. If the principal balance of the Group 1 Trust Assets, after giving effect to the reduction of principal on that Distribution Date (the "Adjusted Group 1 Trust Asset Balance"), is less than the lower of (a) the $275 \%$ PSA Group 1 Jump Balance multiplied by the ZA Ratio and (b) the 75\% PSA Group 1 Jump Balance, then to ZA2, until retired
2. To KA, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to ZA1 and ZA2, in that order, until retired

- The ZE1 Accrual Amount in the following order of priority:

1. To KE, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To ZE1, until retired

- The ZE2 Accrual Amount in the following order of priority:

1. If the Adjusted Group 1 Trust Asset Balance is less than the lower of (a) the $275 \%$ PSA Group 1 Jump Balance multiplied by the ZE Ratio and (b) the $75 \%$ PSA Group 1 Jump Balance, then to ZE2, until retired
2. To KE, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to ZE1 and ZE2, in that order, until retired

- The Group 1 Principal Distribution Amount in the following order of priority:

1. Sequentially, to PY, PC, PD, PO and EO, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Concurrently:
a. $50 \%$ allocated in the following order of priority:
i. If the Adjusted Group 1 Trust Asset Balance is less than the lower of (a) the $275 \%$ PSA Group 1 Jump Balance multiplied by the ZE Ratio and (b) the $75 \%$ PSA Group 1 Jump Balance, then, sequentially, to ZE 1 and ZE 2 , in that order, until retired
ii. To KE, until reduced to its Scheduled Principal Balance for that Distribution Date
iii. Sequentially, to ZE1 and ZE2, in that order, until retired
iv. Concurrently, to CO and W , pro rata, until retired
v. To KE, without regard to its Scheduled Principal Balances, until retired
b. $50 \%$ allocated in the following order of priority:
i. If the Adjusted Group 1 Trust Asset Balance is less than the lower of (a) the $275 \%$ PSA Group 1 Jump Balance multiplied by the ZA Ratio and (b) the $75 \%$ PSA Group 1 Jump Balance, then in the following order of priority:
A. Sequentially, to ZA1 and ZA2, in that order, until retired
B. Concurrently, to CF, DS and ES, pro rata, until retired
ii. To KA, until reduced to its Scheduled Principal Balance for that Distribution Date
iii. Sequentially, to ZA1 and ZA2, in that order, until retired
iv. Concurrently, to CF, DS and ES, pro rata, until retired
v. To KA, without regard to its Scheduled Principal Balances, until retired
3. Sequentially, to PY, PC, PD, PO and EO, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

- The "ZA Ratio" is:

1. For any Distribution Date up to and including the Distribution Date on which ZA1 is retired or any Distribution Date after the Distribution Date on which ZA2 is retired, 1.0
2. For any other Distribution Date, the quotient derived by dividing (a) $\$ 9,975,000$ by (b) the outstanding balance of ZA2

- The "ZE Ratio" is:

1. For any Distribution Date up to and including the Distribution Date on which ZE 1 is retired or any Distribution Date after the Distribution Date on which ZE2 is retired, 1.0
2. For any other Distribution Date, the quotient derived by dividing (a) $\$ 10,212,500$ by (b) the outstanding balance of ZE2

## SECURITY GROUP 2

The Group 2 Principal Distribution Amount and the ZB1 and ZB2 Accrual Amounts will be allocated as follows:

- The ZB1 Accrual Amount in the following order of priority:

1. To KB, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To ZB 1, until retired

- The ZB2 Accrual Amount in the following order of priority:

1. If the principal balance of the Group 2 Trust Assets, after giving effect to the reduction of principal on that Distribution Date (the "Adjusted Group 2 Trust Asset Balance"), is less than the lower of (a) the $225 \%$ PSA Group 2 Jump Balance multiplied by the ZB Ratio and (b) the $75 \%$ PSA Group 2 Jump Balance, then to ZB2, until retired
2. To KB , until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to ZB1 and ZB2, in that order, until retired

- The Group 2 Principal Distribution Amount in the following order of priority:

1. To the Group 2 PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, allocated in the following order of priority:
a. Concurrently, until QP is retired:
i. $6.2674593510 \%$ to QP
ii. $93.7325406490 \%$ to QW
b. To QW, until retired
c. Sequentially, to $\mathrm{QX}, \mathrm{QD}, \mathrm{QO}$ and GO , in that order, until retired
2. If the Adjusted Group 2 Trust Asset Balance is less than the lower of (a) the $225 \%$ PSA Group 2 Jump Balance multiplied by the ZB Ratio and (b) the $75 \%$ PSA Group 2 Jump Balance, then, sequentially, to ZB 1 and ZB2, in that order, until retired
3. To KB, until reduced to its Scheduled Principal Balance for that Distribution Date
4. Sequentially, to ZB 1 and ZB 2 , in that order, until retired
5. To KB, without regard to its Scheduled Principal Balances, until retired
6. To the Group 2 PAC Classes, in the same order and priority described in Step 1 above, but without regard to their Aggregate Scheduled Principal Balances, until retired

- The "ZB Ratio" is:

1. For any Distribution Date up to and including the Distribution Date on which ZB 1 is retired or any Distribution Date after the Distribution Date on which ZB2 is retired, 1.0
2. For any other Distribution Date, the quotient derived by dividing (a) $\$ 17,812,690$ by (b) the outstanding balance of ZB2

## SECURITY GROUP 3

A percentage of the Group 3 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 3 Principal Distribution Amount (the "Group 3 Adjusted Principal Distribution Amount") and the ZC Accrual Amount will be allocated as follows:

- The ZC Accrual Amount, sequentially, to VE, VO and ZC, in that order, until retired
- The Group 3 Adjusted Principal Distribution Amount in the following order of priority:

1. Concurrently, to $\mathrm{AE}, \mathrm{AH}$ and FG , pro rata, until retired
2. Sequentially, to $\mathrm{AC}, \mathrm{AD}, \mathrm{VE}, \mathrm{VO}$ and ZC , in that order, until retired

## SECURITY GROUP 4

The Group 4 Principal Distribution Amount and the ZD Accrual Amount will be allocated as follows:

- The ZD Accrual Amount, sequentially, to VH, VL and ZD, in that order, until retired
- The Group 4 Principal Distribution Amount in the following order of priority:

1. Concurrently, to BC and FY, pro rata, until retired
2. Concurrently:
a. $\quad 74.4193185306 \%$ to BD , until retired
b. $25.5806814694 \%$ to ET and JV, in that order, until retired
3. Sequentially, to $\mathrm{VH}, \mathrm{VL}$ and ZD , in that order, until retired

## SECURITY GROUP 5

The Group 5 Principal Distribution Amount will be allocated concurrently as follows:

1. $81.8181816322 \%$ to FH , until retired
2. $18.1818183678 \%$ in the following order of priority:
a. Sequentially, to OD and OE, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
b. Concurrently, to F and S, pro rata, until retired
c. Sequentially, to OD and OE, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 6

The Group 6 Principal Distribution Amount and the ZK Accrual Amount will be allocated as follows:

- The ZK Accrual Amount, sequentially, to VM, WO and ZK, in that order, until retired
- The Group 6 Principal Distribution Amount in the following order of priority:

1. Concurrently:
a. $\quad 73.4404172428 \%$ allocated in the following order of priority:
i. Concurrently, to FN and GE, pro rata, until retired
ii. To GH, until retired
b. $26.5595827572 \%$, concurrently, to GA and GF, pro rata, until retired
2. Sequentially, to $\mathrm{GC}, \mathrm{VM}, \mathrm{WO}$ and ZK , in that order, until retired

## SECURITY GROUP 7

The Group 7 Principal Distribution Amount will be allocated in the following order of priority:

1. Sequentially, to $\mathrm{NB}, \mathrm{NA}, \mathrm{NO}$ and TO , in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Sequentially, to WE, WG and WH, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Concurrently:
a. $\quad 70.2646446625 \%$ to WA, until retired
b. $29.7353553375 \%$ in the following order of priority:
i. To WJ, until reduced to its Scheduled Principal Balance for that Distribution Date
ii. To WK, until retired
iii. To WJ, without regard to its Scheduled Principal Balances, until retired
4. Sequentially, to $\mathrm{WB}, \mathrm{WC}$ and WD , in that order, until retired
5. Sequentially, to WE, WG and WH, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired
6. Sequentially, to NB, NA, NO and TO, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using, among other things, the following Structuring Ranges or Rates:

| Class | Structuring Ranges or Rates |
| :---: | :---: |
| $\mathrm{EO}, \mathrm{PC}, \mathrm{PD}, \mathrm{PO}$ and PY (in the aggregate) | 100\% PSA through $250 \%$ PSA |
| $\mathrm{GO}, \mathrm{QD}, \mathrm{QO}, \mathrm{QP}, \mathrm{QW}$ and QX (in the aggregate) | 100\% PSA through 250\% PSA |
| OD and OE (in the aggregate) | 300\% PSA through 475\% PSA |
| NA, NB, NO and TO (in the aggregate) | 100\% PSA through 250\% PSA |
| WE, WG and WH (in the aggregate) | 110\% PSA through 200\% PSA |
| KA | 160\% PSA |
| KB | 175\% PSA |
| KE | 160\% PSA |
| WJ | 150\% PSA |

Jump Balances: The 75\% PSA Group 1 Jump Balances, 275\% PSA Group 1 Jump Balances, 75\% PSA Group 2 Jump Balances and $225 \%$ PSA Group 2 Jump Balances (together, the "Jump Balances") are included in Schedule III to this Supplement. The Jump Balances were calculated using a Structuring Rate of the respective percentage of PSA and the assumed characteristics of the related Trust MBS to be delivered on the Closing Date. The actual characteristics of the related Trust MBS may vary from the characteristics assumed in preparing the Jump Balances included in Schedule III to this Supplement and, if so, the Sponsor may recalculate such balances. The Sponsor will make them available on Ginnie Mae's Multiclass Securities e-Access located on Ginnie Mae's website ("e-Access") shortly after the Closing Date.

Accrual Classes: Interest will accrue on each Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal."

Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| EI | \$ 40,865,800 | 100\% of EO (PAC Class) |
| GI | \$ 19,850,800 | 100\% of GO (PAC Class) |
| GS | \$ 15,000,000 | 100\% of GF (SEQ Class) |
| IA | \$ 33,860,400 | 30\% of PY (PAC Class) |
| IB | \$ 15,086,000 | 20\% of PT (PAC Class) |
| IC | \$ 1,272,727 | 36.3636363636\% of QP (PAC Class) |
|  | 10,897,727 | $15.9090909091 \%$ of QW (PAC Class) |
|  | \$ 12,170,454 |  |
| ID | \$ 2,714,047 | 7.6923076923\% of OL (PAC Class) |
| IE | \$ 2,902,400 | 10\% of OM (PAC Class) |
| IG | \$ 2,011,545 | 9.0909090909\% of QU (PAC Class) |
| IH | \$ 17,583,181 | 45.4545454545 of NB (PAC Class) |
| NI | \$ 14,963,000 | 100\% of NO (PAC Class) |
| PI | \$ 84,972,000 | 100\% of PO (PAC Class) |
| QI | \$ 42,704,000 | 100\% of QO (PAC Class) |
| SG | \$ 19,967,000 | 100\% of FG (SEQ Class) |
| SH | \$200,000,000 | 100\% of FH (STP Class) |
| SN | \$ 62,993,203 | 100\% of FN (SEQ Class) |
| SY | \$ 63,603,428 | 100\% of FY (SEQ Class) |
| TI | \$ 19,864,000 | 100\% of TO (PAC Class) |
| VI | \$ 24,021,000 | 100\% of VO (SEQ/AD Class) |
| VK | \$ 21,632,000 | 100\% of VL (SEQ/AD Class) |
| WI | \$ 43,691,022 | 100\% of WO (SEQ/AD Class) |

Component Classes: For purposes of calculating distributions of principal, Classes ZA, ZB and ZE are comprised of multiple components having the designations and characteristics set forth below. Components are not separately transferable from the related Class of Securities.

| Class | Components | Principal Type | Interest Type | Interest Rate | Original Principal Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ZA | ZA1 | NSJ/SUP | FIX/Z | 5.0\% | \$ 525,000 |
|  | ZA2 | NSJ/SUP | FIX/Z | 5.0\% | 9,975,000 |
| ZB | ZB1 | NSJ/SUP | FIX/Z | 5.5\% | 937,510 |
|  | ZB2 | NSJ/SUP | FIX/Z | 5.5\% | 17,812,690 |
| ZE | ZE1 | NSJ/SUP | FIX/Z | 5.0\% | 537,500 |
|  | ZE2 | NSJ/SUP | FIX/Z | 5.0\% | 10,212,500 |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class RR is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.

# Guaranteed REMIC Pass-Through Securities and MX Securities <br> Ginnie Mae REMIC Trust 2004-011 

> The securities may not be suitable investments for you. You should consider carefully the carefully the
risks of investing in them.

> See "Risk Factors" beginning on page $\mathrm{S}-11$ which highlights some of these risks.

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

The Trust and its Assets
The Trust will own (1) Ginnie Mae Certificates and (2) a certain previously issued certificate.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be February 27, 2004.

You should read the Base Offering Circular as well as this Supplement.
The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

## UBS Investment Bank

Williams Capital Group, L.P.
The date of this Offering Circular Supplement is February 23, 2004.

## Ginnie Mae REMIC Trust 2004-011

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal <br> Balance(2) | Interest Rate | Principal Type(3) | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \end{aligned}$ | Final Distribution Date(4) | CUSIP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| AS (1). | \$ 53,630,763 | (5) | NTL (SUP) | INV/IO | February 2034 | 38374 FMS 0 |
| BO(1) ... | 9,133,481 | 0.00\% | SUP | PO | February 2034 | $38374 \mathrm{FMT8}$ |
| CF(1) | 53,630,763 | (5) | SUP | FLT | February 2034 | $38374 \mathrm{FMU5}$ |
| DO(1) | 31,329,408 | 0.00 | TAC | PO | February 2034 | 38374 FMV3 |
| DT(1) | 5,899,384 | (5) | SUP | INV | February 2034 | 38374 FMW 1 |
| ET(1) (6) | 3,500,000 | (5) | TAC/AD | INV | February 2034 | $38374 \mathrm{FMX9}$ |
| F........ | 225,770,029 | (5) | CPT/PAC/TAC | FLT | February 2034 | 38374 FMY 7 |
| FX. | 8,947,369 | (5) | SUP | FLT | February 2034 | $38374 \mathrm{FMZ4}$ |
| GS(1) | 135,070,918 | (5) | NTL (TAC) | INV/IO | February 2034 | 38374 FNA8 |
| GT(1) ... | 17,500,000 | (5) | NTL (TAC/AD) | INV/IO | February 2034 | $38374 \mathrm{FNB6}$ |
| PA.... | 25,887,637 | 2.00 | PAC | FIX | February 2034 | 38374 FNC 4 |
| PF | 7,617,202 | (5) | PAC | FLT | February 2034 | 38374 FND 2 |
| PG. | 42,410,360 | 3.00 | PAC | FIX | February 2034 | 38374 FNE0 |
| PS | 7,617,202 | (5) | NTL (PAC) | INV/IO | February 2034 | 38374 FNF 7 |
| S | 98,316,313 | (5) | NTL (PAC) | INV/IO | February 2034 | 38374 FNG 5 |
| SA(1) | 86,155,872 | (5) | NTL (TAC) | INV/IO | February 2034 | 38374 FNH 3 |
| SL | 48,915,046 | (5) | TAC | INV | February 2034 | 38374 FNJ 9 |
| SX | 3,066,986 | (5) | SUP | INV | February 2034 | 38374 FNK 6 |
|  | 1,000,000 | (5) | SUP | INV | February 2034 | 38374 FNL 4 |
| SZ(1) (6) | 969,230 | (5) | SUP | INV/Z | February 2034 | 38374 FNM 2 |
| Security Group 2 |  |  |  |  |  |  |
| EO (1) ... | 82,369,513 | 0.00 | TAC/AD | PO | February 2034 | $38374 \mathrm{FNN0}$ |
| FA... | 500,000,000 | (5) | CPT/PAC/TAC/AD | FLT | February 2034 | $38374 \mathrm{FNP5}$ |
| ID | 8,526,097 | 6.00 | NTL (PAC/AD) | FIX/IO | February 2034 | 38374 FNQ 3 |
| LS(1) | 230,634,632 | (5) | NTL (TAC/AD) | INV/IO | February 2034 | 38374 FNR 1 |
| PC... | 102,313,170 | 3.00 | PAC/AD | FIX | February 2034 | 38374 FNS 9 |
| SB | 164,323,844 | (5) | NTL (TAC/AD) | INV/IO | February 2034 | 38374 FNT 7 |
| SD. | 105,041,524 | (5) | NTL (PAC/AD) | INV/IO | February 2034 | $38374 \mathrm{FNU4}$ |
| SW (1) ... | 230,634,632 | (5) | NTL (TAC/AD) | INV/IO | February 2034 | 38374 FNV 2 |
| ZA. | 43,703,150 | 6.00 | SUP | FIX/Z | February 2034 | 38374 FNW 0 |
| Security Group 3 ( ${ }^{\text {c }}$ |  |  |  |  |  |  |
| CO | 6,464,455 | 0.00 | SUP | PO | February 2034 | $38374 \mathrm{FNX8}$ |
| GI(1)... | 19,402,000 | 5.00 | NTL (PAC) | FIX/IO | February 2034 | $38374 \mathrm{FNZ3}$ |
| GO(1) ... | 19,402,000 | 0.00 | PAC | PO | February 2034 | $38374 \mathrm{FPA6}$ |
|  | 15,077,700 | 5.00 | NTL (PAC) | FIX/IO | April 2026 | 38374 FPB 4 |
| QC(1) | 35,103,000 | 5.00 | PAC | FIX | March 2029 | 38374 FPC 2 |
| QD (1).. | 16,038,000 | 5.00 | PAC | FIX | June 2030 | 38374 FPD 0 |
| QI(1) | 38,089,000 | 5.00 | NTL (PAC) | FIX/IO | December 2032 | 38374 FPE 8 |
| QO(1) | 38,089,000 | 0.00 | PAC | PO | December 2032 | 38374 FPG 3 |
| QW...... | 20,259,000 | 3.50 | PAC | FIX | April 2026 | $38374 \mathrm{FPF5}$ |
| TL | 20,000,000 | 2.75 | PAC | FIX | April 2026 | 38374 FPH 1 |
| UC | 30,000,000 | 5.00 | PAC | FIX | April 2026 | 38374 FPJ 7 |
| WA | 22,091,000 | 5.50 | SUP | FIX | October 2031 | 38374 FPK 4 |
| WB...... | 4,367,000 | 5.50 | SUP | FIX | February 2032 | 38374 FPL 2 |
| WC | 5,081,000 | 5.50 | SUP | FIX | June 2032 | 38374 FPM 0 |
| WD ...... | 2,491,000 | 5.50 | SUP | FIX | August 2032 | 38374 FPN 8 |
| WE ...... | 20,207,545 | 5.50 | SUP | FIX | February 2034 | 38374 FPP 3 |
| WG ...... | 6,982,000 | 5.50 | SCH | FIX | January 2034 | 38374 FPQ 1 |
| WH | 1,425,000 | 5.50 | SCH | FIX | February 2034 | 38374 FPR 9 |
| WJ...... | 1,000,000 | 5.00 | SUP | FIX | February 2034 | 38374 FPS 7 |
| WK | 1,000,000 | 6.00 | SUP | FIX | February 2034 | 38374 FPT 5 |
|  |  |  |  |  |  |  |
| A........ | 75,000,000 | 4.50 | SEQ | FIX | November 2029 | 38374 FPU 2 |
| VG | 6,749,000 | 4.50 | AD/SEQ | FIX | March 2015 | 38374 FPV 0 |
| VI(1) $\ldots$. | 7,751,000 | 4.50 | NTL (SEQ/AD) | FIX/IO | June 2023 | 38374 FPW 8 |
| VO(1) ... | 7,751,000 | 0.00 | SEQ/AD | PO | June 2023 | $38374 \mathrm{FPX6} 6$ |
| Security Group 5 ( |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| FM (1) ... | 13,340,166 | (5) | SC/PT | FLT | January 2030 | $38374 \mathrm{FQA5}$ |
| SM (1) ... | 13,340,166 | (5) | NTL (SC/PT) | INV/IO | January 2030 | 38374 FQB 3 |
| Residual RR. | 0 | 0.00 | NPR | NPR | February 2034 | 38374 FPY 4 |

[^15]
## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

Sponsor: UBS Securities LLC
Trustee: JPMorgan Chase Bank
Tax Administrator: The Trustee
Closing Date: February 27, 2004
Distribution Dates: For the Group 1 and 2 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in March 2004. For the Group 3 and 4 Securities, the 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in March 2004. For the Group 5 Securities, the 17 th day of each month or, if the 17 th day is not a Business Day, the first Business Day thereafter, commencing in March 2004.

## Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type |  |  |
| :---: | :---: | :---: | :---: |
|  | Certificate Rate | Original Term <br> To Maturity <br> (in years) |  |
|  | Ginnie Mae II | $5.5 \%$ | 30 |
| 2 | Ginnie Mae II | 6.0 | 30 |
| 3 | Ginnie Mae I | 5.0 | 30 |
| 4 | Ginnie Mae I | 4.5 | 30 |
| 5 | Underlying Certificate | (1) |  |

${ }^{(1)}$ Certain information regarding the Underlying Certificate is set forth in Exhibits A and B to this Supplement.

Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 3 and 4 Trust Assets ${ }^{1}$ :

| Principal Balance | Weighted Average Remaining Term to Maturity (in months) | $\begin{array}{c}\text { Weighted Average } \\ \text { Loan Age } \\ \text { (in months) }\end{array}$ | Weighted Average Mortgage Rate ${ }^{3}$ |
| :---: | :---: | :---: | :---: |
| Group 1 Trust Assets |  |  |  |
| \$468,076,895 | 355 | 2 | 5.95\% |
| Group 2 Trust \$728,385,833 | ssets 354 | 3 | 6.41\% |
| Group 3 Trust $\$ 250,000,000$ | ssets 348 | 8 | 5.50\% |
| Group 4 Trust \$100,000,000 | ssets 349 | 6 | 5.00\% |
| ${ }^{1}$ As of February 1, 2004. |  |  |  |
| ${ }^{2}$ Does not include Group 2 Trust Assets that will be added to pay the Trustee Fee. |  |  |  |
| ${ }^{3}$ The Mortgage bear interest related Certifi | oans underlying the rates ranging from te Rate. | p 1 and Group $\%$ to $1.50 \%$ per | ust Assets may um above the |

The actual remaining terms to maturity, loan ages and, in the case of the Group 1 and 2 Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 2, 3 and 4 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the Underlying Trust.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.
Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate Class. See "Description of the Securities - Form of Securities" in this Supplement.
Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate Formula(1) | Initial <br> Interest <br> Rate(2) | Minimum Rate | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | Delay (in days) | LIBOR <br> for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AS | 4.00\% - LIBOR | 2.9000000\% | 0.00\% | 4.0000000\% | 0 | 4.00\% |
| BS | $16.00 \%$ - (LIBOR $\times 4.00$ ) | 11.6000000\% | 0.00\% | 16.0000000\% | 0 | 4.00\% |
| CF | LIBOR + 1.40\% | 2.5000000\% | 1.40\% | 7.5000000\% | 0 | 0.00\% |
| CS | 16.775\% - (LIBOR $\times 2.75$ ) | 13.7500000\% | 0.00\% | 16.7750000\% | 0 | 6.10\% |
| DS | 19.7132625\% - (LIBOR $\times 3.9426525$ ) | 15.3763440\% | 0.00\% | 19.7132625\% | 0 | 5.00\% |
| DT | $55.454545 \%-($ LIBOR $\times 9.090909)$ | 10.0000000\% | 0.00\% | 10.0000000\% | 0 | 6.10\% |
| ES | 60.00\% - (LIBOR $\times 12.00$ ) | 12.0000000\% | 0.00\% | 12.0000000\% | 0 | 5.00\% |
| ET | $35.00 \%$ - (LIBOR $\times 7.00$ ) | 7.0000000\% | 0.00\% | 7.0000000\% | 0 | 5.00\% |
| F | LIBOR + 0.30\% | 1.4000000\% | 0.30\% | 7.5000000\% | 0 | 0.00\% |
| FA. | LIBOR + 0.30\% | 1.4000000\% | 0.30\% | 7.5000000\% | 0 | 0.00\% |
| FM | LIBOR + 0.35\% | $1.4500000 \%$ | 0.35\% | 7.0000000\% | 0 | 0.00\% |
| FX | LIBOR + 1.05\% | $2.1500000 \%$ | 1.05\% | 8.0000000\% | 0 | 0.00\% |
| GS | 7.20\% - LIBOR | 1.7000000\% | 0.00\% | 1.7000000\% | 0 | 7.20\% |
| GT | 5.00\% - LIBOR | 1.0000000\% | 0.00\% | 1.0000000\% | 0 | 5.00\% |
| HS | 7.20\% - LIBOR | 6.1000000\% | 0.00\% | 7.2000000\% | 0 | 7.20\% |
| HT | 57.50\% - (LIBOR $\times 11.50$ ) | 11.5000000\% | 0.00\% | 11.5000000\% | 0 | 5.00\% |
| JS | $23.4875455 \%-($ LIBOR $\times 5.8718864)$ | 17.0284700\% | 0.00\% | $23.4875455 \%$ | 0 | 4.00\% |
| JT | 60.00\% - (LIBOR $\times 12.00$ ) | 12.0000000\% | 0.00\% | 12.0000000\% | 0 | 5.00\% |
| KS. | 7.20\% - LIBOR | 6.1000000\% | 0.00\% | 7.2000000\% | 0 | 7.20\% |
| KT | 55.00\% - (LIBOR $\times 11.00$ ) | 11.0000000\% | 0.00\% | 11.0000000\% | 0 | 5.00\% |
| LS | 7.20\% - LIBOR | 1.7000000\% | 0.00\% | 1.7000000\% | 0 | 7.20\% |
| LT | $52.50 \%$ - (LIBOR $\times 10.50$ ) | 10.5000000\% | 0.00\% | 10.5000000\% | 0 | 5.00\% |
| MS | 29.6470591\% - (LIBOR $\times 4.1176471$ ) | 7.0000000\% | 0.00\% | 7.0000000\% | 0 | 7.20\% |
| MT | $50.00 \%-($ LIBOR $\times 10.00)$ | 10.0000000\% | 0.00\% | 10.0000000\% | 0 | 5.00\% |
| NS | 16.50\% - (LIBOR $\times 3.00$ ) | 13.2000000\% | 0.00\% | 16.5000000\% | 0 | 5.50\% |
| NT | $47.50 \%$ - (LIBOR $\times 9.50$ ) | 9.5000000\% | 0.00\% | 9.5000000\% | 0 | 5.00\% |
| PF | LIBOR + 0.20\% | 1.3000000\% | 0.20\% | 7.5000000\% | 0 | 0.00\% |
| PS | 7.30\% - LIBOR | 0.1000000\% | 0.00\% | 0.1000000\% | 0 | 7.30\% |
| QT | 45.00\% - (LIBOR $\times$ 9.00) | 9.0000000\% | 0.00\% | 9.0000000\% | 0 | 5.00\% |
| S | 7.20\% - LIBOR | 6.1000000\% | 0.00\% | 7.2000000\% | 0 | 7.20\% |
| SA | 5.50\% - LIBOR | $4.4000000 \%$ | 0.00\% | 5.5000000\% | 0 | 5.50\% |
| SB | 7.20\% - LIBOR | 6.1000000\% | 0.00\% | 7.2000000\% | 0 | 7.20\% |
| SC. | $22.00 \%$ - (LIBOR $\times 4.00$ ) | 17.6000000\% | 0.00\% | $22.0000000 \%$ | 0 | 5.50\% |
| SD | 7.20\% - LIBOR | 6.1000000\% | 0.00\% | 7.2000000\% | 0 | 7.20\% |
| SE | 20.1219518\% - (LIBOR $\times 3.6585367$ ) | 16.0975614\% | 0.00\% | 20.1219518\% | 0 | 5.50\% |
| SG | 31.7647058\% - (LIBOR $\times 4.4117647$ ) | 7.5000000\% | 0.00\% | 7.5000000\% | 0 | 7.20\% |
| SH | 14.40\% - (LIBOR $\times 2.00$ ) | 12.2000000\% | 0.00\% | 14.4000000\% | 0 | 7.20\% |
| SL | 9.00\% - LIBOR | $7.9000000 \%$ | 3.50\% | 9.0000000\% | 0 | 5.50\% |
| SM | 7.65\% - LIBOR | 6.5500000\% | 1.00\% | 7.6500000\% | 0 | 6.65\% |
| SN | 20.00\% - (LIBOR $\times 5.00$ ) | 14.5000000\% | 0.00\% | 20.0000000\% | 0 | 4.00\% |
| ST. | 31.7647058\% - (LIBOR $\times 4.4117647$ ) | $7.5000000 \%$ | 0.00\% | 7.5000000\% | 0 | 7.20\% |
| SU | 29.6470591\% - (LIBOR $\times 4.1176471$ ) | 7.0000000\% | 0.00\% | 7.0000000\% | 0 | 7.20\% |
| SV. | 18.00\% - (LIBOR $\times 4.50$ ) | 13.0500000\% | 0.00\% | 18.0000000\% | 0 | 4.00\% |
| SW | 5.50\% - LIBOR | $4.4000000 \%$ | 0.00\% | 5.5000000\% | 0 | 5.50\% |
| SX. | 17.5039\% - (LIBOR $\times 2.9173167$ ) | 14.2948510\% | 0.00\% | 17.5039000\% | 0 | 6.00\% |
| SY | 62.1842105\% - (LIBOR $\times 8.9473684$ ) | 8.5000000\% | 0.00\% | 8.5000000\% | 0 | 6.95\% |
| SZ | 60.00\% - (LIBOR $\times 12.00$ ) | 12.0000000\% | 0.00\% | 12.0000000\% | 0 | 5.00\% |
| TS | 21.60\% - (LIBOR $\times 3.00$ ) | 18.3000000\% | 0.00\% | $21.6000000 \%$ | 0 | 7.20\% |
| US | $13.75 \%-($ LIBOR $\times 2.50)$ | 11.0000000\% | 0.00\% | 13.7500000\% | 0 | 5.50\% |
| UT | 42.50\% - (LIBOR $\times 8.50$ ) | 8.5000000\% | 0.00\% | 8.5000000\% | 0 | 5.00\% |
| WS | $11.00 \%$ - (LIBOR $\times 2.00$ ) | 8.8000000\% | 0.00\% | 11.0000000\% | 0 | 5.50\% |
| WT | 40.00\% - (LIBOR $\times 8.00$ ) | 8.0000000\% | 0.00\% | 8.0000000\% | 0 | 5.00\% |
| XS. | $16.50 \%$ - (LIBOR $\times 3.00$ ) | 13.2000000\% | 0.00\% | 16.5000000\% | 0 | 5.50\% |
| XT | $37.50 \%$ - (LIBOR $\times 7.50$ ) | $7.5000000 \%$ | 0.00\% | $7.5000000 \%$ | 0 | 5.00\% |
| YS. | 19.25\% - (LIBOR $\times 3.50$ ) | 15.4000000\% | 0.00\% | 19.2500000\% | 0 | 5.50\% |

(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities - Interest Distributions - Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount and the SZ Accrual Amount will be allocated as follows:

- The SZ Accrual Amount in the following order of priority:

1. To ET, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To SZ, until retired

- The Group 1 Principal Distribution Amount in the following order of priority:

1. Concurrently, to F1, PA, PF and PG, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Concurrently, to DO, F2 and SL, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Concurrently:
a. $84.2099233089 \%$ to CF, DT, FX, SX and SY, pro rata, until retired
b. $10.6021781575 \%$ to BO , until retired
c. $5.1878985336 \%$ in the following order of priority:
i. To ET, until reduced to its Scheduled Principal Balance for that Distribution Date
ii. To SZ, until retired
iii. To ET, without regard to its Scheduled Principal Balances, until retired
4. Concurrently, to DO, F2 and SL, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
5. Concurrently, to F1, PA, PF and PG, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 2

A percentage of the Group 2 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 2 Principal Distribution Amount (the "Group 2 Adjusted Principal Distribution Amount'") and the ZA Accrual Amount will be allocated in the following order of priority:

1. To EO, FA and PC, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, concurrently, as follows:
a. $24.0000000117 \%$ to FA1, until retired
b. $75.9999999883 \%$ in the following order of priority:
i. Concurrently, to FA2 and PC, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
ii. Concurrently, to EO and FA3, pro rata, until retired
iii. Concurrently, to FA2 and PC, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
2. To ZA, until retired
3. To EO, FA and PC, in the same manner and order of priority described in Step 1 above, but without regard to their Aggregate Scheduled Principal Balances for that Distribution Date, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated as follows:

1. To the PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently, to QW, TL and UC, pro rata, until retired
b. Sequentially, to $\mathrm{QC}, \mathrm{QD}, \mathrm{QO}$ and GO , in that order, until retired
2. Concurrently:
a. $9.0909097301 \%$ to CO, until retired
b. $90.9090902699 \%$ in the following order of priority:
i. Sequentially, to WG and WH, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
ii. Sequentially, to WA, WB, WC and WD, in that order, until retired
iii. Concurrently, to WE, WJ and WK, pro rata, until retired
iv. Sequentially, to WG and WH, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired
3. To the PAC Classes, in the same manner and order of priority described in Step 1 above, but without regard to their Aggregate Scheduled Principal Balances for that Distribution Date, until retired

## SECURITY GROUP 4

The Group 4 Principal Distribution Amount and the ZH Accrual Amount will be allocated as follows:

- The ZH Accrual Amount, sequentially, to VG, VO and ZH, in that order, until retired
- The Group 4 Principal Distribution Amount will be allocated, sequentially, to A, VG, VO and ZH , in that order, until retired


## SECURITY GROUP 5

The Group 5 Principal Distribution Amount will be allocated to FM, until retired
Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using, among other things, the following Structuring Ranges or Rates:


* Structured at an assumed LIBOR of $1.10 \%$. At LIBOR levels greater than $4.00 \%$, Class ET will no longer have an Effective
Rate. Rate.
Accrual Classes: Interest will accrue on each Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal."
Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class or Component Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| AS | \$ 53,630,763 | $587.1886414391 \%$ of BO (SUP Class) |
| GI | \$ 19,402,000 | $100 \%$ of GO (PAC Class) |
| GS | \$135,070,918 | 100\% of F2 (TAC Component) |
| GT | \$ 17,500,000 | 500\% of ET (TAC/AD Class) |
| HS | \$ 86,155,872 | $63.7856566578 \%$ of F2 (TAC Component) |
| IA | \$ 6,077,700 | 30\% of QW (PAC Class) |
|  | 9,000,000 | 45\% of TL (PAC Class) |
|  | \$ 15,077,700 |  |
| IB | \$ 7,020,600 | 20\% of QC (PAC Class) |
| IC | \$ 3,207,600 | 20\% of QD (PAC Class) |
| ID | \$ 8,526,097 | 8.3333333333\% of PC (PAC/AD Class) |
| KS | \$230,634,632 | 100\% of FA3 (TAC/AD Component) |
| LS | \$230,634,632 | 100\% of FA3 (TAC/AD Component) |
| PS | \$ 7,617,202 | 100\% of PF (PAC Class) |
| QI | \$ 38,089,000 | 100\% of QO (PAC Class) |
| S | \$ 90,699,111 | 100\% of F1 (PAC Component) |
|  | 7,617,202 | 100\% of PF (PAC Class) |
|  | \$ 98,316,313 |  |


| Class |  | Original Class <br> Notional Balance |  |
| :--- | :--- | :--- | :--- |

Component Classes: For purposes of calculating distributions of principal, Classes F and FA are comprised of multiple components having the designations and characteristics set forth below. Components are not separately transferable from the related Class of Securities.

| Class | Components | $\begin{gathered} \text { Principal } \\ \text { Type } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Interest } \\ \text { Type } \end{gathered}$ | Interest Rate | Original <br> Principal <br> Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| F | F1 | PAC | FLT | (1) | \$ 90,699,111 |
|  | F2 | TAC | FLT | (1) | 135,070,918 |
| FA. | FA1 | TAC/AD | FLT | (1) | 164,323,844 |
|  | FA2 | PAC/AD | FLT | (1) | 105,041,524 |
|  | FA3 | TAC/AD | FLT | (1) | 230,634,632 |

(1) See "Terms Sheet - Interest Rates" in this Supplement.

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.
Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.
Schedule I

| Available Combinations(1) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| mX Securities |  |  |  |  |  |  |
| Related MX Class | Maximum <br> Original Class <br> Principal Balance <br> or Class Notional <br> Balance(2) | Principal Type(3) | $\begin{aligned} & \text { Interest } \\ & \text { Rate } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| ST | \$ 30,616,074 | TAC | (5) | INV | $38374 \mathrm{FQC1}$ | February 2034 |
| SU | \$ 31,329,408 | TAC | (5) | INV | 38374 FQD 9 | February 2034 |
| ws | \$ 31,329,408 | TAC | (5) | INV | 38374 FQE 7 | February 2034 |
| US | \$ 31,329,408 | TAC | (5) | INV | 38374 FQF 4 | February 2034 |
| xs | \$ 28,718,624 | TAC | (5) | INV | 38374 FQG 2 | February 2034 |
| YS | \$ 24,615,963 | TAC | (5) | INV | $38374 \mathrm{FQH0}$ | February 2034 |
| SC | \$ 21,538,968 | TAC | (5) | INV | 38374 FQJ 6 | February 2034 |
| HS | \$ 86,155,872 | NTL (TAC) | (5) | INV/IO | 38374 FQK 3 | February 2034 |
| JS | \$ 9,133,481 | SUP | (5) | INV | $38374 \mathrm{FQL1}$ | February 2034 |
| BS | \$ 9,133,481 | SUP | (5) | INV | 38374 FQM 9 | February 2034 |


| Remic Securities |  |
| :---: | :---: |
| Class | Original Class Principal Balance or Clas Notional Balance |
| Security Group 1 |  |
| Combination 1 |  |
| DO | \$ 30,616,074 |
| GS | 135,070,918 |
| Combination 2 |  |
| DO | \$ 31,329,408 |
| GS | 129,003,445 |
| Combination 3 |  |
| DO | \$ 31,329,408 |
| SA | 62,658,816 |
| Combination 4 |  |
| DO | \$ 31,329,408 |
| SA | 78,323,520 |
| Combination 5 |  |
| DO | \$ 28,718,624 |
| SA | 86,155,872 |
| Combination 6 |  |
| DO | \$ 24,615,963 |
| SA | 86,155,872 |
| Combination 7 |  |
| DO | \$ 21,538,968 |
| SA | 86,155,872 |
| Combination 8 |  |
| GS | \$ 86,155,872 |
| SA | 86,155,872 |
| Combination 9 |  |
| AS | \$ 53,630,763 |
| BO | 9,133,481 |
| Combination 10 |  |
| AS | \$ 36,533,924 |
| BO | 9,133,481 |

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| $\begin{gathered} \text { Related } \\ \text { MX Class } \\ \hline \end{gathered}$ |  | Maximum Original Class ncipal Balance Class Notional Balance(2) | Principal Type(3) | Interest | Interest Type(3) | $\begin{gathered} \text { CUSIP } \\ \text { Number } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SV | \$ | 9,133,481 | SUP | (5) | INV | 38374 FQN 7 | February 2034 |
| SN | \$ | 9,133,481 | SUP | (5) | INV | 38374 FQP 2 | February 2034 |
| ES (6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FQQ 0 | February 2034 |
| JT | \$ | 4,469,230 | SUP | (5) | INV | $38374 \mathrm{FQR8}$ | February 2034 |
| DS | \$ | 13,602,711 | SUP | (5) | INV | $38374 \mathrm{FQS6}$ | February 2034 |
| CS | \$ | 19,502,095 | SUP | (5) | INV | $38374 \mathrm{FQT4}$ | February 2034 |
| CA | \$ | 73,132,858 | SUP | 5.50\% | FIX | $38374 \mathrm{FQU1}$ | February 2034 |
| HT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | $38374 \mathrm{FQV9}$ | February 2034 |
| KT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FQW 7 | February 2034 |
| LT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | $38374 \mathrm{FQX5}$ | February 2034 |
| MT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FQY 3 | February 2034 |


| Class | Original Class Principal Balance or Class Notional Balance |
| :---: | :---: |
| Combination 11 |  |
| AS | \$ 41,100,665 |
| BO | 9,133,481 |
| Combination 12 |  |
| AS | \$ 45,667,405 |
| BO | 9,133,481 |
| Combination 13 |  |
| ET | \$ 3,500,000 |
| GT | 17,500,000 |
| Combination 14 |  |
| ES (7) | \$ 3,500,000 |
| SZ | 969,230 |
| Combination 15 |  |
| JS (7) | \$ 9,133,481 |
| JT(7) | 4,469,230 |
| Combination 16 |  |
| DS(7) | \$ 13,602,711 |
| DT | 5,899,384 |
| Combination 17 |  |
| CF | \$ 53,630,763 |
| CS(7) | 19,502,095 |
| Combination 18 |  |
| ET | \$ 3,500,000 |
| GT | 15,750,000 |
| Combination 19 |  |
| ET | \$ 3,500,000 |
| GT | 14,000,000 |
| Combination 20 |  |
| ET | \$ 3,500,000 |
| GT | 12,250,000 |
| Combination 21 |  |
| ET | \$ 3,500,000 |
| GT | 10,500,000 |


| MX Securities |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Related } \\ \text { MX Class } \end{gathered}$ |  | Maximum Original Class Class Notionce Balance(2) | $\underset{\substack{\text { Principal } \\ \text { Type( } \\ \text { ) }}}{ }$ | $\begin{gathered} \text { Interest } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Interest } \\ \text { Type(3) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { CusIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| NT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FQZ 0 | February 2034 |
| QT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FRA 4 | February 2034 |
| UT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FRB 2 | February 2034 |
| WT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | $38374 \mathrm{FRC0}$ | February 2034 |
| XT(6) | \$ | 3,500,000 | TAC/AD | (5) | INV | 38374 FRD 8 | February 2034 |
| KS |  | 230,634,632 | NTL(TAC/AD) | (5) | INV/IO | 38374 FRE6 | February 2034 |
| SG | \$ | 52,277,183 | TAC/AD | (5) | INV | 38374 FRF 3 | February 2034 |
| MS | \$ | 56,011,267 | TAC/AD | (5) | INV | $38374 \mathrm{FRG1}$ | February 2034 |
| SE | \$ | 63,040,131 | TAC/AD | (5) | INV | 38374 FRH 9 | February 2034 |
| NS | \$ | 76,878,210 | TAC/AD | (5) | INV | 38374 FRJ 5 | February 2034 |
| SH | \$ | 82,369,513 | TAC/AD | (5) | INV | 38374 FRK 2 | February 2034 |


| Class | Original Class Principal Balance or Class Notional Balance |
| :---: | :---: |
| Combination 22 |  |
| ET | \$ 3,500,000 |
| GT | 8,750,000 |
| Combination 23 |  |
| ET | \$ 3,500,000 |
| GT | 7,000,000 |
| Combination 24 |  |
| ET | \$ 3,500,000 |
| GT | 5,250,000 |
| Combination 25 |  |
| ET | \$ 3,500,000 |
| GT | 3,500,000 |
| Combination 26 |  |
| ET | \$ 3,500,000 |
| GT | 1,750,000 |
| Security Group 2 |  |
| Combination 27 |  |
| LS | \$230,634,632 |
| SW | 230,634,632 |
| Combination 28 |  |
| EO | \$ 52,277,183 |
| LS | 230,634,632 |
| Combination 29 |  |
| EO | \$ 56,011,267 |
| LS | 230,634,632 |
| Combination 30 |  |
| EO | \$ 63,040,131 |
| SW | 230,634,632 |
| Combination 31 |  |
| EO | \$ 76,878,210 |
| SW | 230,634,632 |
| Combination 32 |  |
| EO | \$ 82,369,513 |
| KS(7) | 164,739,026 |


| REMIC Securities |  | mx Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Clas Principal Balance Notion Class Notional Balance | MX Class <br> Related MX Class | Maximum <br> Original Class <br> Principal Balance <br> or Cliass Notional <br> Balance(2) | $\begin{aligned} & \text { Principal } \\ & \text { Type( } 3 \text { ) } \end{aligned}$ | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CuSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 33 |  |  |  |  |  |  |  |  |
| EO | \$ 76,878,210 | TS | \$ 76,878,210 | TAC/AD | (5) | INV | 38374 FRLO | February 2034 |
| KS (7) | 230,634,632 |  |  |  |  |  |  |  |
| Security Group 3 |  |  |  |  |  |  |  |  |
| Combination 34 |  |  |  |  |  |  |  |  |
| QI | \$ 38,089,000 | QE | \$ 38,089,000 | PAC | 5.00\% | FIX | 38374 FRM8 | December 2032 |
| QO | 38,089,000 |  |  |  |  |  |  |  |
| Combination 35 |  |  |  |  |  |  |  |  |
| QI | \$ 36,184,550 | UJ | \$ 38,089,000 | PAC | 4.75\% | FIX | 38374 FRN6 | December 2032 |
| QO | 38,089,000 |  |  |  |  |  |  |  |
| Combination 36 |  |  |  |  |  |  |  |  |
| QI | \$ 34,280,100 | UK | \$ 38,089,000 | PAC | 4.50\% | FIX | 38374 FRP 1 | December 2032 |
| QO | 38,089,000 |  |  |  |  |  |  |  |
| Combination 37(8) |  |  |  |  |  |  |  |  |
| QC | \$ 35,103,000 | IB | \$ 7,020,600 | NTL (PAC) | 5.00\% | FIX/IO | 38374 FRQ 9 | March 2029 |
|  |  | TM | 35,103,000 | PAC | 4.75 | FIX | 38374 FRR 7 | March 2029 |
|  |  | TN | 35,103,000 | PAC | 4.50 | FIX | 38374 FRS5 | March 2029 |
|  |  | TP | 35,103,000 | PAC | 4.25 | FIX | $38374 \mathrm{FRT3}$ | March 2029 |
|  |  | TU | 35,103,000 | PAC | 4.00 | FIX | $38374 \mathrm{FRU0}$ | March 2029 |
| Combination 38(8) |  |  |  |  |  |  |  |  |
| QD | \$ 16,038,000 | IC | \$ 3,207,600 | NTL (PAC) | 5.00\% | FIX/IO | 38374 FRV 8 | June 2030 |
|  |  | UD | 16,038,000 | PAC | 4.75 | FIX | 38374 FRW6 | June 2030 |
|  |  | UE | 16,038,000 | PAC | 4.50 | FIX | 38374 FRX 4 | June 2030 |
|  |  | UG | 16,038,000 | PAC | 4.25 | FIX | 38374 FRY 2 | June 2030 |
|  |  | UH | 16,038,000 | PAC | 4.00 | FIX | 38374 FRZ9 | June 2030 |
| Combination 39 |  |  |  |  |  |  |  |  |
| GI | \$ 19,402,000 | QG | \$ 19,402,000 | PAC | 5.00\% | FIX | 38374 FSA 3 | February 2034 |
| GO | 19,402,000 |  |  |  |  |  |  |  |
| Security Group 4 |  |  |  |  |  |  |  |  |
| Combination 40 |  |  |  |  |  |  |  |  |
| VI | \$ 7,751,000 | VH | \$ 7,751,000 | SEQ/AD | 4.50\% | FIX | 38374 FSB 1 | June 2023 |
| vo | 7,751,000 |  |  |  |  |  |  |  |



# \$1,448,466,933 

Government National Mortgage Association GINNIE MAE ${ }^{\circledR}$

Guaranteed REMIC Pass-Through Securities and MX Securities

Ginnie Mae REMIC Trust 2004-027

| The securities |
| :--- |
| may not be suita- |
| ble investments |
| for your You |
| should consider |
| carefully |
| risks of investing |
| in them. |
| See "Risk Fac- |
| tors" beginning |
| on page S-11 |
| which highlights |
| some of these |
| risks. |

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

The Trust and its Assets
The Trust will own (1) Ginnie Mae Certificates and (2) certain previously issued certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be April 30, 2004.

You should read the Base Offering Circular as well as this Supplement.
The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

The date of this Offering Circular Supplement is April 23, 2004.

## Ginnie Mae REMIC Trust 2004-027

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | Principal Type (3) | Interest <br> Type(3) | $\qquad$ | CUSIP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| F | \$150,000,000 | (5) | CPT/PAC/SCH/AD | FLT | April 2034 | 38374 GFM 9 |
| FE (1) | 27,416,800 | (5) | SUP/AD | FLT | April 2034 | 38374 GFN 7 |
| GO(1) | 18,182,701 | 0.00\% | SCH/AD | PO | April 2034 | 38374 GFP 2 |
| GS(1) | 67,267,842 | (5) | NTL (SCH/AD) | INV/IO | April 2034 | 38374 GFQ 0 |
| JF (1) | 11,085,181 | (5) | SCH/AD | FLT | April 2034 | 38374 GFR 8 |
| JS (1) | 5,038,718 | (5) | SCH/AD | INV | April 2034 | 38374 G F S 6 |
| JZ | 7,500 | 5.50 | SCH | FIX / Z | April 2034 | 38374 GFT 4 |
| MA | 4,250,000 | 5.50 | SUP | FIX | November 2032 | 38374 GFU 1 |
| MB | 3,690,000 | 5.50 | SUP | FIX | March 2033 | 38374 GFV 9 |
| MC | 11,412,637 | 5.50 | SUP | FIX | April 2034 | 38374 GFW 7 |
| MT(1) | 1,958,344 | (5) | SUP/AD | FLT/INV | April 2034 | 38374 GFX 5 |
| PB | 8,570,013 | 5.50 | PAC | FIX | February 2033 | 38374 GFY 3 |
| PD | 4,485,195 | 5.50 | PAC | FIX | April 2034 | 38374 GF Z 0 |
| PI(1) | 33,224,809 | 5.50 | NTL(PAC) | FIX/IO | March 2034 | 38374 GGA 4 |
| PO (1) | 33,224,809 | 0.00 | PAC | PO | March 2034 | 38374 GGB 2 |
| PV(1) | 79,828,717 | 4.00 | PAC | FIX | November 2030 | $38374 \mathrm{GGC0}$ |
| PW (1) | 30,480,827 | 4.00 | PAC | FIX | October 2032 | 38374 GGD 8 |
| S . | 82,732,158 | (5) | NTL(PAC) | INV/IO | October 2032 | 38374 GGE 6 |
| SB | 900,000 | (5) | SUP/AD | INV | April 2034 | 38374 GGF 3 |
| SC | 177,844 | (5) | SUP/AD | INV | April 2034 | $38374 \mathrm{GGG1}$ |
| SD | 5,838,787 | (5) | SUP/AD | INV | April 2034 | 38374 GGH 9 |
| SE | 2,408,499 | (5) | SUP/AD | INV | April 2034 | 38374 GGG 5 |
| SH (1) | 6,278,332 | (5) | SCH/AD | INV | April 2034 | 38374 GGK 2 |
| ZA | 5,000 | 5.50 | SUP | FIX / Z | April 2034 | 38374 GGL 0 |
| Security Group 2 |  |  |  |  |  |  |
| BA | 125,000,000 | 4.75 | SEQ | FIX | May 2031 | $38374 \mathrm{GGM8}$ |
| BC | 475,000,000 | 5.00 | SEQ | FIX | May 2031 | $38374 \mathrm{GGN6}$ |
| DI(1) | 46,823,383 | 5.00 | NTL (SEQ / AD) | FIX/IO | July 2023 | $38374 \mathrm{GGP1}$ |
| DO(1) | 46,823,383 | 0.00 | SEQ/AD | PO | July 2023 | $38374 \mathrm{GGQ9}$ |
| FL(1) | 12,500,000 | (5) | SEQ | FLT | May 2031 | 38374 GGR 7 |
| SL(1) | 12,500,000 | (5) | NTL (SEQ) | INV/IO | May 2031 | 38374 GGS 5 |
| VC | 38,918,128 | 5.00 | AD / SEQ | FIX | April 2015 | 38374 GGT 3 |
| ZD | 53,363,993 | 5.00 | SEQ | FIX / Z | April 2034 | 38374 GGU 0 |
| Security Group 3 |  |  |  |  |  |  |
| VI (1) . . . . . . . . . | 7,389,000 | 6.00 | NTL (SC/SEQ/AD) | FIX/IO | April 2019 | 38374 GGV8 |
| VJ (1) | 12,497,000 | 6.00 | SC/SEQ/AD | FIX | February 2015 | 38374 GGW6 |
| VO(1) | 7,389,000 | 0.00 | SC/SEQ/AD | PO | April 2019 | 38374 GGX 4 |
| ZJ ... | 13,758,884 | 6.00 | SC/SEQ | FIX / Z | November 2032 | 38374 GGY 2 |
| Security Group 4 |  |  |  |  |  |  |
| FM . . . . . . . . . . . | 38,373,901 | (5) | PT | FLT | April 2034 | $38374 \mathrm{GGZ9}$ |
| SM | 38,373,901 | (5) | NTL (PT) | INV/IO | April 2034 | 38374 GHA 3 |
| Security Group 5 |  |  |  |  |  |  |
| ES (1) | 9,801,370 | (5) | SC / STP | INV | February 2034 | 38374 GHB 1 |
| LS (1) (6) | 5,601,000 | (5) | SC/TAC/AD | INV | February 2034 | 38374 GHC 9 |
| MS(1) | 9,884,118 | (5) | NTL (SC/TAC/AD) | INV/IO | February 2034 | 38374 GHD 7 |
| SZ(1) (6) | 4,200,370 | (5) | SC/SUP | INV/Z | February 2034 | 38374 GHE 5 |
| Security Group 6 |  |  |  |  |  |  |
| XF | 200,000,000 | (5) | $\stackrel{\text { PT }}{ }$ | FLT | April 2034 | 38374 GHF 2 |
| XS | 200,000,000 | (5) | NTL (PT) | INV/IO | April 2034 | 38374 GHG 0 |
| Residual |  |  |  |  |  |  |
| RR | 0 | 0.00 | NPR | NPR | April 2034 | $38374 \mathrm{GHH8}$ |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
(3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(5) See "Terms Sheet - Interest Rates" in this Supplement.
(6) For additional discussion regarding the effect of LIBOR on the rate of principal payments on these Securities, see "Risk Factors - The rate of principal payments on certain group 5 classes will be sensitive to LIBOR," "Yield, Maturity and Prepayment Considerations - Securities that Receive Principal on the Basis of Schedules" and "-Decrement Tables" in this Supplement.

## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

Sponsor: UBS Securities LLC
Trustee: U.S. Bank National Association
Tax Administrator: The Trustee
Closing Date: April 30, 2004
Distribution Dates: For the Group 1, Group 3 and Group 5 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in May 2004. For the Group 2, Group 4 and Group 6 Securities, the 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in May 2004.

Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type | Certificate Rate |  | Original Term <br> To Maturity <br> (in years) <br> 1 |
| :---: | :---: | :---: | :---: | :---: |

${ }^{(1)}$ Certain information regarding the Underlying Certificates is set forth in Exhibits A and B to this Supplement.
Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 4 and 6 Trust Assets ${ }^{1}$ :

| Principal <br> Balance $^{2}$ | Weighted Average <br> Remaining Term to <br> Maturity (in months) |
| :--- | :---: |


| Weighted Average <br> Loan Age <br> (in months) | Weighted <br> Average <br> Mortgage Rate ${ }^{3}$ |
| :---: | :---: |

Group 1 Trust Assets \$405,239,904 345 10
5.994\%

Group 2 Trust Assets $\$ 751,605,504$
Group 4 Trust Assets \$ 22,260,928 20

16,112,973
147
150
8.500\%
\$ 38,373,901
Group 6 Trust Assets
\$200,000,000 326
$28 \quad 7.500 \%$
${ }^{1}$ As of April 1, 2004.
${ }^{2}$ Does not include the Group 2 Trust Assets that will be added to pay the Trustee Fee.
${ }^{3}$ The Mortgage Loans underlying the Group 1 Trust Assets may bear interest at rates ranging from $0.25 \%$ to $1.50 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and, in the case of the Group 1 Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 2, 4 and 6 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the Underlying Trusts.
Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.
Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.
Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate Class. See "Description of the Securities - Form of Securities" in this Supplement.
Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate <br> Formula(1) | Initial <br> Interest <br> Rate(2) | Minimum Rate | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CS | 56.0294116\% - (LIBOR $\times 8.8235294$ ) | 7.5000000\% | 0.00\% | 7.5000000\% | 0 | 6.35\% |
| ES | $63.5294116 \%-($ LIBOR $\times 8.8235294)$ | $7.5000000 \%$ | 0.00\% | $7.5000000 \%$ | 0 | 7.20\% |
| F | LIBOR + 0.30\% | 1.4000000\% | 0.30\% | $7.5000000 \%$ | 0 | 0.00\% |
| FA | LIBOR + 1.55\% | 2.6300000\% | 1.55\% | 7.0000000\% | 0 | 0.00\% |
| FE | LIBOR + 1.45\% | $2.5300000 \%$ | 1.45\% | $7.5000000 \%$ | 0 | 0.00\% |
| FL | LIBOR + 0.35\% | 1.4500000\% | 0.35\% | $7.5000000 \%$ | 0 | 0.00\% |
| FM | LIBOR + 0.30\% | 1.4000000\% | 0.30\% | $7.5000000 \%$ | 0 | 0.00\% |
| GS | 6.50\% - LIBOR | $5.4000000 \%$ | 0.00\% | 6.5000000\% | 0 | 6.50\% |
| JF | LIBOR + 0.55\% | 1.6300000\% | 0.55\% | 8.0000000\% | 0 | 0.00\% |
| JS | 16.39\% - (LIBOR $\times 2.20$ ) | 14.0140000\% | 0.00\% | 16.3900000\% | 0 | 7.45\% |
| KS | $56.0294116 \%-($ LIBOR $\times 8.8235294)$ | $7.5000000 \%$ | 0.00\% | $7.5000000 \%$ | 0 | 6.35\% |
| LS | $44.8235292 \%$ - (LIBOR $\times 7.0588235$ ) | 6.0000000\% | 0.00\% | 6.0000000\% | 0 | 6.35\% |
| MS | 6.35\% - LIBOR | 0.8500000\% | 0.00\% | 0.8500000\% | 0 | 6.35\% |
| MT | * | 4.0300000\% | 0.00\% | 8.4000000\% | 0 | 6.05\% |
| NS | $52.2941175 \%-($ LIBOR $\times 8.2352941)$ | 7.0000000\% | 0.00\% | 7.0000000\% | 0 | 6.35\% |
| S | 7.20\% - LIBOR | 6.1000000\% | 0.00\% | $7.2000000 \%$ | 0 | 7.20\% |
| SB. | $21.9560878 \%-($ LIBOR $\times 4.3912176)$ | 17.2135728\% | 0.00\% | $21.9560878 \%$ | 0 | 5.00\% |
| SC | 121.1111111\% - (LIBOR $\times 22.2222222$ ) | 10.0000000\% | 0.00\% | 10.0000000\% | 0 | 5.45\% |
| SD | $21.7708333 \%-($ LIBOR $\times 4.3541667)$ | 17.0683333\% | 0.00\% | $21.7708333 \%$ | 0 | 5.00\% |
| SE | $60.5277777 \%-($ LIBOR $\times 10.5555556)$ | $7.7500000 \%$ | 3.00\% | 7.7500000\% | 0 | 5.45\% |
| SG | $24.0470859 \%-($ LIBOR $\times 3.6995517)$ | $19.9775784 \%$ | 0.00\% | 24.0470859\% | 0 | 6.50\% |
| SH | $77.1428571 \%-($ LIBOR $\times 10.714286)$ | 7.5000000\% | 0.00\% | 7.5000000\% | 0 | 7.20\% |
| SL | 7.15\% - LIBOR | 6.0500000\% | 0.00\% | $7.1500000 \%$ | 0 | 7.15\% |
| SM | 7.70\% - LIBOR | 6.6000000\% | 0.50\% | $7.7000000 \%$ | 0 | 7.20\% |
| SN | 20.80\% - (LIBOR $\times 3.20$ ) | 17.2800000\% | 0.00\% | 20.8000000\% | 0 | 6.50\% |
| SU | 19.80\% - (LIBOR $\times 2.75$ ) | 16.7750000\% | 0.00\% | 19.8000000\% | 0 | 7.20\% |
| SW | $17.55 \%-($ LIBOR $\times 2.70)$ | 14.5800000\% | 0.00\% | 17.5500000\% | 0 | 6.50\% |
| SY. | $31.7647058 \%-($ LIBOR $\times 4.4117647)$ | $7.5000000 \%$ | 0.00\% | $7.5000000 \%$ | 0 | 7.20\% |
| SZ. | $56.0294116 \%-($ LIBOR $\times 8.8235294)$ | $7.5000000 \%$ | 0.00\% | $7.5000000 \%$ | 0 | 6.35\% |
| TS | 48.5588234\% - (LIBOR $\times 7.6470588$ ) | 6.5000000\% | 0.00\% | 6.5000000\% | 0 | 6.35\% |
| XF | LIBOR + 0.40\% | 1.5000000\% | 0.40\% | 7.0000000\% | 0 | 0.00\% |
| XS | 6.60\% - LIBOR | 5.5000000\% | 0.00\% | 6.6000000\% | 0 | 6.60\% |

* If LIBOR is less than or equal to $5.45 \%$, then LIBOR $+2.95 \%$. If LIBOR is greater than $5.45 \%$, then $84.7 \%-($ LIBOR $\times 14)$
(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities - Interest Distributions - Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount and the JZ and ZA Accrual Amounts will be allocated as follows:

- The JZ Accrual Amount in the following order of priority:

1. Concurrently, to F2, GO, JF, JS and SH, pro rata, until retired
2. To JZ, until retired

- The ZA Accrual Amount in the following order of priority:

1. Concurrently, to FE, MT, SB, SC, SD and SE, pro rata, until retired
2. To ZA, until retired

- The Group 1 Principal Distribution Amount in the following order of priority:

1. To the PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently:
i. $42.8571428571 \%$ to F 1 , until retired
ii. $57.1428571429 \%$, sequentially, to PV and PW, in that order, until retired
b. Sequentially, to $\mathrm{PB}, \mathrm{PO}$ and PD , in that order, until retired
2. To the Scheduled Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently, to F2, GO, JF, JS and SH, pro rata, until retired
b. To JZ, until retired
3. Concurrently:
a. $33.3333333333 \%$, sequentially, to $\mathrm{MA}, \mathrm{MB}$ and MC , in that order, until retired
b. $66.6666666667 \%$ as follows:
i. Concurrently, to FE, MT, SB, SC, SD and SE, pro rata, until retired
ii. To ZA, until retired
4. To the Scheduled Classes, in the same manner and order of priority described in Step 2 above, but without regard to their Aggregate Scheduled Principal Balances, until retired
5. To the PAC Classes, in the same manner and order of priority described in Step 1 above, but without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 2

A percentage of the Group 2 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 2 Principal Distribution Amount (the "Group 2 Adjusted Principal Distribution Amount") and the ZD Accrual Amount will be allocated as follows:

- The ZD Accrual Amount, sequentially, to VC, DO and ZD, in that order, until retired
- The Group 2 Adjusted Principal Distribution Amount in the following order of priority:

1. Concurrently:
a. $77.5510204082 \%$ to BC, until retired
b. $22.4489795918 \%$, concurrently, to BA and FL, pro rata, until retired
2. Sequentially, to $\mathrm{VC}, \mathrm{DO}$ and ZD , in that order, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount and ZJ Accrual Amount will be allocated, sequentially, to VJ , VO and ZJ, in that order, until retired

## SECURITY GROUP 4

The Group 4 Principal Distribution Amount will be allocated to FM, until retired

## SECURITY GROUP 5

The Group 5 Principal Distribution Amount and the SZ Accrual Amount will be allocated as follows:

- The SZ Accrual Amount in the following order of priority:

1. To LS, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To SZ, until retired

- The Group 5 Principal Distribution Amount, concurrently, as follows:

1. $50 \%$ to ES, until retired
2. $50 \%$ in the following order of priority:
a. To LS, until reduced to its Scheduled Principal Balance for that Distribution Date
b. To SZ, until retired
c. To LS, without regard to its Scheduled Principal Balances, until retired

## SECURITY GROUP 6

The Group 6 Principal Distribution Amount will be allocated to XF, until retired
Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes and Components listed below are included in Schedule II to
this Supplement. They were calculated using, among other things, the following Structuring Ranges or Rate:

| Class or Component | Structuring Ranges or Rate |
| :---: | :---: |
| $\mathrm{F} 1, \mathrm{~PB}, \mathrm{PD}, \mathrm{PO}, \mathrm{PV}$ and PW (in the aggregate) | 115\% PSA through 400\% PSA |
| F2, GO, JF, JS, JZ and SH (in the aggregate) | 475\% PSA through 700\% PSA |
| LS* | 407\% PSA |

* Structured at an assumed LIBOR rate of 1.10\%. The initial Effective Range for Class LS is 200\% PSA to $257 \%$ PSA.
Accrual Classes: Interest will accrue on each Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued and unpaid on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal."
Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class or Component Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| DI | \$ 46,823,383 | 100\% of DO (SEQ / AD Class) |
| GS | \$ 67,267,842 | 100\% of F2 (SCH/AD Component) |
| IA | \$ 2,082,833 | 16.6666666667\% of VJ (SC/SEQ/AD Class) |
| IC | \$ 20,056,280 | 18.1818181818\% of PV and PW (in the aggregate) (PAC Classes) |
| ID | \$ 14,514,312 | $18.1818181818 \%$ of PV (PAC Class) |
| MS | \$ 9,884,118 | $176.4705945367 \%$ of LS (SC/TAC/AD Class) |
| PI | \$ 33,224,809 | 100\% of PO (PAC Class) |
| S | \$ 82,732,158 | 100\% of F1 (PAC Component) |
| SL | \$ 12,500,000 | 100\% of FL (SEQ Class) |
| SM | \$ 38,373,901 | 100\% of FM (PT Class) |
| VI | \$ 7,389,000 | 100\% of VO (SC/SEQ/AD Class) |
| XS | \$200,000,000 | 100\% of XF (PT Class) |

Component Class: For purposes of calculating distributions of principal, Class F is comprised of multiple components having the designations and characteristics set forth below. Components are not separately transferable from the related Class of Securities.

| Class | Components | $\begin{gathered} \text { Principal } \\ \text { Type } \end{gathered}$ | Interest <br> Type | Interest Rate | Original Principal Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| F | F1 | PAC | FLT | (1) | \$82,732,158 |
|  | F2 | SCH/AD | FLT | (1) | 67,267,842 |

(1) The Interest Rate for Components F1 and F2 is the Interest Rate for Class F set forth in "Terms Sheet - Interest Rates" in this Supplement.
Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.
Regular and Residual Classes: Class RR is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.
Schedule I
Available Combinations(1)

| Class | Original Class Principal Balance or Class <br> Notional Balance | $\begin{gathered} \text { Related } \\ \text { MX Class } \\ \hline \end{gathered}$ | Maximum Original Class Principal Balance or Class Notional Balance(2) | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Interest } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | CUSIP <br> Number | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |  |  |
| Combination 1 |  |  |  |  |  |  |  |  |
| JF | \$ 11,085,181 | JA | \$ 16,123,899 | SCH/AD | 5.50\% | FIX | 38374 G HJ 4 | April 2034 |
| JS | 5,038,718 |  |  |  |  |  |  |  |
| Combination 2 |  |  |  |  |  |  |  |  |
| PV | \$ 79,828,717 | PA | \$110,309,544 | PAC | 4.00\% | FIX | 38374 GHK1 | October 2032 |
| PW | 30,480,827 |  |  |  |  |  |  |  |
| Combination 3(8) |  |  |  |  |  |  |  |  |
| PA(6) | \$110,309,544 | IC | \$ 20,056,280 | NTL (PAC) | 5.50\% | FIX/IO | 38374 G H L9 | October 2032 |
|  |  | PG | 110,309,544 | PAC | 3.75 | FIX | 38374 GHM 7 | October 2032 |
|  |  | PH | 110,309,544 | PAC | 3.50 | FIX | 38374 GHN 5 | October 2032 |
|  |  | PJ | 110,309,544 | PAC | 3.25 | FIX | 38374 GHP0 | October 2032 |
|  |  | PK | 110,309,544 | PAC | 3.00 | FIX | 38374 GHQ 8 | October 2032 |
| Combination 4(8) |  |  |  |  |  |  |  |  |
| PV | \$ 79,828,717 | ID | \$ 14,514,312 | NTL (PAC) | 5.50\% | FIX/IO | 38374 GHR6 | November 2030 |
|  |  | NA | 79,828,717 | PAC | 3.25 | FIX | 38374 G HS 4 | November 2030 |
|  |  | NB | 79,828,717 | PAC | 3.00 | FIX | 38374 GHT2 | November 2030 |
|  |  | PX | 79,828,717 | PAC | 3.75 | FIX | 38374 GHU9 | November 2030 |
|  |  | PY | 79,828,717 | PAC | 3.50 | FIX | 38374 GHV7 | November 2030 |
| Combination 5 |  |  |  |  |  |  |  |  |
| PI | \$ 33,224,809 | PC | \$ 33,224,809 | PAC | 5.50\% | FIX | 38374 GHW 5 | March 2034 |
| PO | 33,224,809 |  |  |  |  |  |  |  |
| Combination 6 |  |  |  |  |  |  |  |  |
| PI | \$ 31,714,591 | PN | \$ 33,224,809 | PAC | 5.25\% | FIX | 38374 GHX 3 | March 2034 |
| PO | 33,224,809 |  |  |  |  |  |  |  |
| Combination 7 |  |  |  |  |  |  |  |  |
| PI | \$ 30,204,372 | PT | \$ 33,224,809 | PAC | 5.00\% | FIX | 38374 GHY1 | March 2034 |
| PO | 33,224,809 |  |  |  |  |  |  |  |


| Class | Original Class Principal Balance or Class <br> Notional Balance |
| :---: | :---: |
| Combination 8 |  |
| PI | \$ 28,694,154 |
| PO | 33,224,809 |
| Combination 9 |  |
| PI | \$ 27,183,935 |
| PO | 33,224,809 |
| Combination 10 |  |
| GO | \$ 18,182,701 |
| GS | 67,267,842 |
| Combination 11 |  |
| GO | \$ 18,182,701 |
| GS | 49,093,293 |
| Combination 12 |  |
| GO | \$ 18,182,701 |
| GS | 58,184,644 |
| Combination 13 |  |
| SG(6) | \$ 18,182,701 |
| SH | 6,278,332 |
| Combination 14 |  |
| FE | \$ 27,416,800 |
| MT | 1,958,344 |
| Security Group 2 |  |
| Combination 15 |  |
| FL | \$ 12,500,000 |
| SL | 12,500,000 |
| Combination 16 |  |
| DI | \$ 46,823,383 |
| DO | 46,823,383 |
| Security Group 3 |  |
| Combination 17 |  |
| VI | \$ 7,389,000 |
| VO | 7,389,000 |


| Class | Original Class Principal Balance or Class <br> Notional Balance |  |
| :---: | :---: | :---: |
| Combination $18(8)$ <br> VJ$\$ 12,497,000$ |  |  |
| Security Group 5 |  |  |
| Combination 19 |  |  |
| LS | \$ | 5,601,000 |
| MS |  | 9,884,118 |
| Combination 20 |  |  |
| LS | \$ | 5,601,000 |
| MS |  | 6,589,412 |
| Combination 21 |  |  |
| LS | \$ | 5,601,000 |
| MS |  | 3,294,706 |
| Combination 22 |  |  |
| KS (6) | \$ | 5,601,000 |
| SZ |  | 4,200,370 |
| Combination 23 |  |  |
| CS (6) | \$ | 9,801,370 |
| ES |  | 9,801,370 |

(1) All exchanges must comply with minimum denominations restrictions.
(2) The amount shown for each MX Class represents the maximum Original Class Principal Balance (or original Class Notional Balance) of that Class, assuming it were to be issued on the Closing Date.
(3) As defined under "Class Types" in Appendix I to the Base Offering Circular.
(4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(5) The Interest Rate will be calculated as described under "Terms Sheet - Interest Rates" in this Supplement. (6) MX Class.
(7) For additional discussion regarding the effect of LIBOR on the rate of principal payments on these Securities, see "Risk Factors - The rate of principal payments on certain group 5 classes will be sensitive to LIBOR," "Yield, Maturity and Prepayment Considerations Securities that Receive Principal on the Basis of Schedules" and "- Decrement Tables" in this Supplement.
(8) In the case of Combinations 3, 4 and 18, various subcombinations are permitted. See "Description of the Securities - Modification and Exchange" in the Base Offering Circular for a discussion of subcombinations.
Exhibit A


Underlying Certificates

| $\begin{gathered} \text { Trust } \\ \text { Asset } \\ \text { Group } \end{gathered}$ | Issuer | Series | Class | (issue | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | Interest Rate | Interest Type(1) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date } \end{gathered}$ | Principal Type(1) | $\begin{gathered} \text { Original } \\ \text { Principal } \\ \text { Balance } \\ \text { of Class } \end{gathered}$ | Underlying Certificate Factor(2) | $\begin{gathered} \text { Principal } \\ \text { Balance } \\ \text { in the } \\ \text { Trust } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | nie | $2002 \cdot 77$ | PB | 29/2002 | $38373 \mathrm{VZ29}$ | 6.0\% |  | November 2032 |  | 838,659,884 | 1.00000000 |  |
| 5 | Ginnie Mae | 2004.018 |  | 30/2004 | 38374 FV 27 | () | INV | February 2034 | SC/PT | 19,675,054 | 0.99632460 | 9,602, |
|  | As defined under "Class Types" in Appendix I to the Base Offering Circular Underlying Certificate Factors are as of April 2004. |  |  |  |  |  |  |  |  |  |  |  |
| (2) |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) | This Underlying Certificate bears interest during its respective interest accrual per minimum interest rates, as further described in the related Underlying Certificat attached as Exhibit B to this Supplement. |  |  |  |  |  |  |  |  |  |  |  |
| (4) | Class ST is backed by previously issued REMIC certificate, Class ST from Ginnie page and terms sheet of which are included in Exhibit B. |  |  |  |  |  |  |  |  |  |  |  |

## Offering Circular Supplement

(To Base Offering Circular dated January 1, 2002)
\$748,925,517

## Government National Mortgage Association



GINNIE MAE ${ }^{\circledR}$<br>Guaranteed REMIC Pass-Through Securities and MX Securities

Ginnie Mae REMIC Trust 2002-92


## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

## The Trust and its Assets

The Trust will own Ginnie Mae Certificates.
The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be December 30, 2002.

You should read the Base Offering Circular as well as this Supplement.
The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

## Goldman, Sachs \& Co.

Blaylock \& Partners, L.P.
The date of this Offering Circular Supplement is December 19, 2002.

## Ginnie Mae REMIC Trust 2002-92

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal <br> Balance(2) | Interest Rate | $\underset{\substack{\text { Principal } \\ \text { Type(3) }}}{ }$ | Interest <br> Type(3) | Final Distribution Date(4) | $\underset{\text { Number }}{\text { CUSIP }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| GA | \$ 7,593,734 | 5.50\% | PAC II | FIX | December 2032 | 38373YKE3 |
| GB | 30,808,000 | 5.50 | SUP | FIX | December 2030 | 38373YKF 0 |
| GC | 5,401,000 | 5.50 | SUP | FIX | April 2031 | 38373YKG8 |
| GD | 13,410,000 | 5.50 | SUP | FIX | November 2031 | 38373YKH6 |
| GE | 25,386,266 | 5.50 | SUP | FIX | December 2032 | 38373YKJ 2 |
| GH | 1,600,000 | 4.75 | PAC II | FIX | December 2032 | 38373YKK9 |
| GJ | 2,400,000 | 6.00 | PAC II | FIX | December 2032 | 38373YKL7 |
| PA | 179,509,000 | 5.00 | PAC I | FIX | July 2031 | 38373YKM5 |
| PK | 16,319,000 | 5.50 | NTL(PAC I) | FIX/IO | July 2031 | 38373YKN3 |
| PU (1) | 15,728,000 | 5.50 | PAC I/AD | FIX | March 2025 | 38373YKP8 |
| PV(1) | 8,164,000 | 5.50 | AD / PAC I | FIX | November 2013 | 38373YKQ6 |
| ZP(1) | 10,000,000 | 5.50 | PAC I | FIX / Z | December 2032 | 38373YKR4 |
| Security Group 2 |  |  |  |  |  |  |
| EA(1) | 60,428,000 | 4.50 | SCH | FIX | February 2029 | 38373YKS 2 |
| EB (1) | 6,254,365 | 4.50 | SUP | FIX | February 2029 | 38373YKT0 |
| EF (1) | 62,243,152 | (5) | STP | FLT | February 2029 | 38373YKU7 |
| ES(1) | 62,243,152 | (5) | NTL(STP) | INV/IO | February 2029 | 38373YKV5 |
| FE (1) | 20,000,000 | (5) | STP | FLT | February 2029 | 38373YKW3 |
| SE (1) | 20,000,000 | (5) | NTL(STP) | INV/IO | February 2029 | 38373YKX1 |
| Security Group 3 |  |  |  |  |  |  |
| HA | 7,058,860 | 6.00 | PAC II | FIX | December 2032 | 38373YKY9 |
| HB | 4,705,908 | 4.75 | PAC II | FIX | December 2032 | 38373YKZ6 |
| HC | 31,853,000 | 5.50 | SUP | FIX | November 2030 | 38373YLA 0 |
| HD | 3,859,000 | 5.50 | SUP | FIX | January 2031 | 38373YLB 8 |
| HE | 14,286,000 | 5.50 | SUP | FIX | October 2031 | 38373YLC6 |
| HG | 21,499,232 | 5.50 | SUP | FIX | December 2032 | 38373YLD 4 |
| TA | 180,660,000 | 5.00 | PAC I | FIX | May 2031 | 38373YLE 2 |
| TK | 16,423,636 | 5.50 | NTL(PAC I) | FIX/IO | May 2031 | 38373YLF 9 |
| TU (1) | 3,608,000 | 5.50 | AD / PAC I | FIX | December 2015 | 38373YLG 7 |
| TV(1) | 13,262,000 | 5.50 | AD/PAC I | FIX | November 2013 | 38373YLV 4 |
| VH | 750,000 | 5.50 | AD / SUP | FIX | August 2015 | 38373YLH5 |
| VJ | 750,000 | 5.50 | SUP/AD | FIX | January 2023 | 38373YLW2 |
| VK | 750,000 | 5.50 | SUP/AD | FIX | April 2028 | 38373Y L J 1 |
| ZH | 750,000 | 5.50 | SUP | FIX / Z | December 2032 | 38373YLK8 |
| ZT(1) | 16,208,000 | 5.50 | PAC I | FIX/Z | December 2032 | 38373 YLL 6 |
| Residual |  |  |  |  |  |  |
| RR. | 0 | 0.00 | NPR | NPR | December 2032 | 38373YLM 4 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
(3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(5) See "Terms Sheet - Interest Rates" in this Supplement.

## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

Sponsor: Goldman, Sachs \& Co.
Trustee: Bank One Trust Company, N.A.
Tax Administrator: The Trustee
Closing Date: December 30, 2002
Distribution Dates: For Group 1 and Group 2 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in January 2003. For Group 3 Securities, the 16 th day of each month or, if the 16 th day is not a Business Day, the first Business Day thereafter, commencing in January 2003.

## Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type |  | Original Term <br> To Maturity <br> (in years) <br> 1 | Ginnie Mae II |
| :---: | :---: | :---: | :---: | :---: |

Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets ${ }^{1}$ :

| Principal <br> Balance ${ }^{2}$ | Weighted Average <br> Remaining Term to <br> Maturity (in months) |  | Weighted Average <br> Loan Age <br> (in months) |
| :--- | :--- | :---: | :---: |

${ }^{1}$ As of December 1, 2002.
${ }^{2}$ Does not include Group 1 Trust Assets that will be added to pay the Trustee Fee.
${ }^{3}$ The Mortgage Loans underlying the Group 1 and Group 2 Trust Assets may bear interest at rates ranging from $0.5 \%$ to $1.5 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and, in the case of the Group 1 and Group 2 Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Trust Assets will
differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets The Mortgage Loans" in this Supplement.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.

Increased Minimum Denomination Classes: Each Class that constitutes an Interest Only Class. See "Description of the Securities - Form of Securities" in this Supplement.

Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate <br> Formula(1) |  | Initial <br> Interest <br> Rate(2) |  | Minimum <br> Rate |  | Maximum <br> Rate |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities - Interest Distributions - Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

A percentage of the Group 1 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 1 Principal Distribution Amount (the "Group 1 Adjusted Principal Distribution Amount") and the ZP Accrual Amount will be allocated as follows:

- The ZP Accrual Amount in the following order of priority:

1. Sequentially, to PV and PU , in that order, until retired
2. To ZP , until retired

- The Group 1 Adjusted Principal Distribution Amount in the following order of priority:

1. Sequentially, to PA, PV, PU and ZP, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Concurrently, to GA, GH and GJ, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Sequentially, to GB, GC, GD and GE, in that order, until retired
4. Concurrently, to GA, GH and GJ, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
5. Sequentially, to PA, PV, PU and ZP, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 2

The Group 2 Principal Distribution Amount will be allocated, concurrently, as follows:

1. $55.2243521841 \%$ concurrently, to EF and FE, pro rata, until retired
2. $44.7756478159 \%$ in the following order of priority:
a. To EA, until reduced to its Scheduled Principal Balance for that Distribution Date
b. To EB, until retired
c. To EA, without regard to its Scheduled Principal Balances, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount and the ZH and ZT Accrual Amounts will be allocated as follows:

- The ZH Accrual Amount in the following order of priority:

1. Sequentially, to VH, VJ and VK, in that order, until retired
2. To ZH , until retired

- The ZT Accrual Amount in the following order of priority:

1. Sequentially, to TV and TU, in that order, until retired
2. To ZT, until retired

- The Group 3 Principal Distribution Amount in the following order of priority:

1. Sequentially, to TA, TV, TU and ZT, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Concurrently, to HA and HB , pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Sequentially, to $\mathrm{HC}, \mathrm{HD}$ and HE , in that order, until retired
4. Concurrently:
a. $87.7547181887 \%$ to HG , until retired
b. $12.2452818113 \%$ sequentially, to VH, VJ, VK and ZH, in that order, until retired
5. Concurrently, to HA and HB , pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
6. Sequentially, to TA, TV, TU and ZT, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using, among other things, the following Structuring Ranges:

| Class | Structuring Ranges |
| :---: | :---: |
| EA | 150\% PSA through 200\% PSA |
| GA, GH and GJ (in the aggregate) | 115\% PSA through 200\% PSA |
| HA and HB (in the aggregate) | 115\% PSA through $200 \%$ PSA |
| PA, PU, PV and ZP (in the aggregate) | 100\% PSA through $250 \%$ PSA |
| TA, TU, TV and ZT (in the aggregate) | 100\% PSA through $250 \%$ PSA |

Accrual Classes: Interest will accrue on each Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal."
Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| ES | \$62,243,152 | 100\% of EF (STP Class) |
| PK | 16,319,000 | 9.0909090909\% of PA (PAC I Class) |
| SE | 20,000,000 | 100\% of FE (STP Class) |
| TK | 16,423,636 | 9.0909090909\% of TA (PAC I Class) |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.

# Guaranteed REMIC Pass-Through Securities and MX Securities <br> Ginnie Mae REMIC Trust 2004-018 

The securities may not be suitable investments for you. You should consider carefully the carefuliy the
risks of investing in them.

See "Risk Factors" beginning on page $\mathrm{S}-9$ which highlights some of these risks.
$\qquad$

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

## The Trust and its Assets

The Trust will own (1) Ginnie Mae Certificates and (2) certain previously issued certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be March 30, 2004.

You should read the Base Offering Circular as well as this Supplement.
The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

## Ginnie Mae REMIC Trust 2004-018

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | $\begin{gathered} \begin{array}{c} \text { Original } \\ \text { Principal } \\ \text { Balance(2) } \end{array} \\ \hline \end{gathered}$ | Interest Rate | Principal Type(3) | Interest <br> Type(3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ | $\underset{\text { Number }}{\text { CUSIP }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| DF (1) | \$ 8,433,333 | (5) | SC/TAC / AD | FLT | February 2034 | 38374 FM 76 |
| ES(1) | 1,886,000 | (5) | SC/TAC/AD | INV | February 2034 | 38374 FM 84 |
| ET(1) | 1,180,667 | (5) | SC/TAC/AD | INV | February 2034 | 38374 FM 92 |
| FK(1) | 7,216,723 | (5) | SC/SEQ | FLT | February 2034 | 38374 FN 26 |
| SK(1) | 5,412,542 | (5) | SC/SEQ | INV | February 2034 | 38374 FN 34 |
| WA | 2,797,000 | 5.5\% | SC/SEQ | FIX | February 2034 | 38374 FN 42 |
| WB | 3,877,000 | 5.5 | SC/SEQ | FIX | February 2034 | 38374 FN 59 |
| WC | 2,397,000 | 5.5 | SC/SEQ | FIX | February 2034 | 38374 FN 67 |
| WD | 13,684,000 | 5.5 | SC/SEQ | FIX | February 2034 | 38374 FN 75 |
| ZA | 6,000,000 | 5.5 | SC/SUP | FIX/Z | February 2034 | 38374 FN 83 |
| Security Group 2 |  |  |  |  |  |  |
| AB(1) | 140,602,400 | 4.5 | SEQ | FIX | December 2028 | 38374 FN 91 |
| AC | 9,397,600 | 4.5 | SEQ | FIX | December 2029 | 38374 FP 24 |
| VA | 13,497,600 | 4.5 | AD / SEQ | FIX | April 2015 | 38374 FP 32 |
| VI(1) | 15,502,400 | 4.5 | NTL(SEQ/AD) | FIX/IO | July 2023 | 38374 FP 40 |
| VO (1) | 15,502,400 | 0.0 | SEQ/AD | PO | July 2023 | 38374 FP 57 |
| Z | 21,000,000 | 4.5 | SEQ | FIX/Z | March 2034 | 38374 FP 65 |
| Security Group 3 |  |  |  |  |  |  |
| F ............... | 150,000,000 | (5) | PT | FLT | March 2034 | 38374 FP 73 |
| PO(1) | 11,538,462 | 0.0 | PT | PO | March 2034 | 38374 FP 81 |
| SB(1) | 150,000,000 | (5) | NTL (PT) | INV/IO | March 2034 | $38374 \mathrm{FP9} 9$ |
| Security Group 4 |  |  |  |  |  |  |
| BE | 9,392,000 | 5.0 | SEQ | FIX | February 2030 | 38374 FQ 23 |
| BF (1) | 52,728,000 | (5) | SEQ | FLT | April 2029 | 38374 FQ 31 |
| BL (1) | 87,880,000 | 3.5 | SEQ | FIX | April 2029 | 38374 FQ 49 |
| BS(1) | 52,728,000 | (5) | NTL(SEQ) | INV/IO | April 2029 | 38374 FQ 56 |
| DI(1) | 16,800,000 | 5.0 | NTL (SEQ/AD) | FIX/IO | June 2023 | 38374 FQ 64 |
| DO(1) | 16,800,000 | 0.0 | SEQ/AD | PO | June 2023 | 38374 FQ 72 |
| $\mathrm{VC}(1)$ | 14,000,000 | 5.0 | SEQ / AD | FIX | March 2015 | 38374 FQ 80 |
| ZC | 19,200,000 | 5.0 | SEQ | FIX / Z | March 2034 | 38374 FQ 98 |
| Security Group 5 |  |  |  |  |  |  |
| SM (1) (6) | 10,730,677 | (5) | SC/NSJ/TAC/AD | INV | February 2034 | 38374 FR 22 |
| SN(1). | 12,624,326 | (5) | NTL(SC/NSJ/TAC/AD) | INV/IO | February 2034 | 38374 FR 30 |
| SZ(1) (6) | 8,944,377 | (5) | SC/NSJ/CPT/SUP | INV/Z | February 2034 | 38374 FR 48 |
| Residual |  |  |  |  |  |  |
| RR | 0 | 0.0 | NPR | NPR | March 2034 | 38374 FR 55 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
(3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(5) See "Terms Sheet - Interest Rates" in this Supplement.
(6) For additional discussion regarding the effect of LIBOR on the rate of principal payments on these Securities, see "Risk Factors-The rate of principal payments on certain group 5 classes will be sensitive to LIBOR," "Yields, Maturity and Prepayment Considerations-Securities that Receive Principal on the Basis of Schedules" and "-Decrement Tables" in this Supplement.

## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."
Sponsor: UBS Securities LLC
Trustee: Wells Fargo Bank, N.A.
Tax Administrator: The Trustee
Closing Date: March 30, 2004
Distribution Dates: For the Group 1 and Group 5 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in April 2004. For the Group 2, Group 3 and Group 4 Securities, the 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in April 2004.
Trust Assets:

| Trust Asset Group | Trust Asset Type | Certificate Rate | $\begin{gathered} \text { Original Term } \\ \text { To Maturity } \\ \text { (in years) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| 1 | Underlying Certificate | (1) | (1) |
| 2 | Ginnie Mae I | 4.5\% | 30 |
| 3 | Ginnie Mae I | 6.5 | 30 |
| 4 | Ginnie Mae I | 5.0 | 30 |
| 5 | Underlying Certificate | (1) | (1) |

${ }^{(1)}$ Certain information regarding the Underlying Certificates is set forth in Exhibits A and B to this Supplement.
Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.
Assumed Characteristics of the Mortgage Loans Underlying the Group 2, 3 and 4 Trust Assets ${ }^{1}$ :


| Weighted Average <br> Loan Age <br> (in months)$\quad$ Mortgage Rate |
| :---: |

Group 2 Trust Assets

| $\$ 200,000,000$ | 348 | 7 | $5.0 \%$ |
| :--- | :---: | :---: | :---: |
| Group 3 Trust Assets <br> $\$ 161,538,462$ | 330 | 26 | $7.0 \%$ |
| Group 4 Trust Assets <br> $\$ 200,000,000$ | 346 | 9 | $5.5 \%$ |

[^16]The actual remaining terms to maturity and loan ages of many of the Mortgage Loans underlying the Group 2, 3 and 4 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the Underlying Trust.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.

Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only, Non-Sticky Jump or Inverse Floating Rate Class. See "Description of the Securities - Form of Securities" in this Supplement.

Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate Formula(1) | Initial Interest Rate(2) | Minimum Rate | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BF | LIBOR + 0.30\% | 1.400000\% | 0.30\% | $7.5000000 \%$ | 0 | 0.00\% |
| BS | 7.20\% - LIBOR | 6.100000\% | 0.00\% | $7.2000000 \%$ | 0 | 7.20\% |
| DF | LIBOR + 0.45\% | 1.550000\% | 0.45\% | 7.5000000\% | 0 | 0.00\% |
| DS | $19.387497 \%-($ LIBOR $\times 2.75$ ) | 16.362498\% | 0.00\% | 19.3874970\% | 0 | 7.05\% |
| ES . | $26.829268 \%-($ LIBOR $\times 4.471545)$ | $21.910569 \%$ | 0.00\% | 26.8292680\% | 0 | 6.00\% |
| ET | $50.357142 \%-(\operatorname{LIBOR} \times 7.142857)$ | 7.500000\% | 0.00\% | $7.5000000 \%$ | 0 | 7.05\% |
| F | LIBOR + 0.40\% | $1.500000 \%$ | 0.40\% | 7.0000000\% | 0 | 0.00\% |
| FK | LIBOR + 1.45\% | 2.550000\% | 1.45\% | 7.0000000\% | 0 | 0.00\% |
| S | 85.7999967\% - (LIBOR $\times 12.9999995$ ) | $71.499997 \%$ | 0.00\% | 85.7999967\% | 0 | 6.60\% |
| SB | 6.60\% - LIBOR | 5.500000\% | 0.00\% | 6.6000000\% | 0 | 6.60\% |
| SC | 9.90\% - (LIBOR $\times 1.50$ ) | 8.250000\% | 0.00\% | 9.9000000\% | 0 | 6.60\% |
| SD | 11.55\% - (LIBOR $\times 1.75$ ) | 9.625000\% | 0.00\% | 11.5500000\% | 0 | 6.60\% |
| SE | 13.20\% - (LIBOR $\times 2.00$ ) | $11.000000 \%$ | 0.00\% | 13.2000000\% | 0 | 6.60\% |
| SG | 16.50\% - (LIBOR $\times 2.50$ ) | 13.750000\% | 0.00\% | 16.5000000\% | 0 | 6.60\% |
| SH | 19.80\% - (LIBOR $\times 3.00$ ) | 16.500000\% | 0.00\% | 19.8000000\% | 0 | 6.60\% |
| SK | $10.90 \%-($ LIBOR $\times 1.3333334)$ | 9.433333\% | 3.50\% | 10.9000000\% | 0 | 5.55\% |
| SL | $31.7647058 \%-($ LIBOR $\times 4.4117647)$ | 7.500000\% | 0.00\% | $7.5000000 \%$ | 0 | 7.20\% |
| SM | $23.2941175 \%-($ LIBOR $\times 3.2352941)$ | $5.500000 \%$ | 0.00\% | 5.5000000\% | 0 | 7.20\% |
| SN | 7.20\% - LIBOR | 1.700000\% | 0.00\% | 1.7000000\% | 0 | 7.20\% |
| SP | $25.4117642 \%-($ LIBOR $\times 3.5294117)$ | 6.000000\% | 0.00\% | 6.0000000\% | 0 | 7.20\% |
| ST. | $31.7647058 \%-($ LIBOR $\times 4.4117647)$ | 7.500000\% | 0.00\% | $7.5000000 \%$ | 0 | 7.20\% |
| SZ | $31.7647058 \%-($ LIBOR $\times 4.4117647)$ | $7.500000 \%$ | 0.00\% | $7.5000000 \%$ | 0 | 7.20\% |

(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities - Interest Distributions - Floating Rate and Inverse Floating Rate Classes" in this Supplement.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount and ZA Accrual Amount will be allocated as follows:

- The ZA Accrual Amount in the following order of priority:

1. Concurrently, to DF, ES and ET, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To ZA, until retired

- The Group 1 Principal Distribution Amount, concurrently, as follows:

1. $66.9088716653 \%$ in the following order of priority:
a. Concurrently, to FK and SK, pro rata, until retired
b. Sequentially, to WA, WB, WC and WD, in that order, until retired
2. $33.0911283347 \%$ in the following order of priority:
a. Concurrently, to DF, ES and ET, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
b. To ZA, until retired
c. Concurrently, to DF, ES and ET, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 2

A percentage of the Group 2 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 2 Principal Distribution Amount (the "Group 2 Adjusted Principal Distribution Amount") and the Z Accrual Amount will be allocated as follows:

- The Z Accrual Amount, sequentially, to VA, VO and Z, in that order, until retired
- The Group 2 Adjusted Principal Distribution Amount, sequentially, to AB, AC, VA ,VO and Z, in that order, until retired


## SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated, concurrently, to F and PO, pro rata, until retired

## SECURITY GROUP 4

The Group 4 Principal Distribution Amount and the ZC Accrual Amount will be allocated as follows:

- The ZC Accrual Amount, sequentially, to VC, DO and ZC, in that order, until retired
- The Group 4 Principal Distribution Amount in the following order of priority:

1. Concurrently, to BF and BL, pro rata, until retired
2. Sequentially, to $\mathrm{BE}, \mathrm{VC}, \mathrm{DO}$ and ZC , in that order, until retired.

## SECURITY GROUP 5

The Group 5 Principal Distribution Amount the SZ1 and SZ2 Accrual Amounts will be allocated as follows:

- The SZ1 Accrual Amount in the following order of priority:

1. To SM, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To SZ1, until reduced to zero

- The SZ2 Accrual Amount as follows:

1. If the remaining principal balance of the Group 5 Trust Assets after giving effect to their reduction on such Distribution Date (the "Group 5 Trust Asset Balance"), is less than any of (a) the product of (i) the $1150 \%$ PSA Balance and (ii) the SZ2 Ratio, (b) the product of (i) the $500 \%$ PSA Balance and (ii) the SZ2 Ratio or (c) the product of (i) the $9 \%$ CPR Balance and (ii) the SZ2 Ratio, then to SZ2, until reduced to zero
2. To SM, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to SZ1 and SZ2, in that order, until reduced to zero

- The Group 5 Principal Distribution Amount in the following order of priority:

1. If the Group 5 Trust Asset Balance, is less than any of (a) the product of (i) the $1150 \%$ PSA Balance and (ii) the SZ2 Ratio, (b) the product of (i) the $500 \%$ PSA Balance and (ii) the SZ2 Ratio or (c) the product of (i) the $9 \%$ CPR Balance and (ii) the SZ2 Ratio, then, sequentially, to SZ1 and SZ2, in that order, until reduced to zero
2. To SM, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to SZ1 and SZ2, in that order, until reduced to zero
4. To SM, but without regard to its Scheduled Principal Balances, until retired

## The $\mathbf{S Z 2}$ Ratio is:

1. For any Distribution Date up to and including the Distribution Date on which SZ1 is reduced to zero or any Distribution Date after the Distribution Date on which SZ2 is reduced to zero, 1.0.
2. For any other Distribution Date, the original principal balance of SZ2 divided by its current principal balance, before giving effect to any increase or reduction on that Distribution Date.

Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using, among other things, the following Structuring Rates:

| Class | Structuring Rates |
| :---: | :---: |
| DF, ES and ET (in the aggregate) | 430\% PSA |
| SM* | 300\% PSA |

* Structured at an assumed LIBOR of $1.10 \%$. Class SM has no Effective Rate.

Jump Balances: The $1150 \%$ PSA, $500 \%$ PSA and $9.0 \%$ CPR Balances (together, the "Jump Balances") are included in Schedule III to this Supplement. The 500\% PSA Balances were calculated using a Structuring Rate of $500 \%$ PSA through the distribution date in September 2005 and thereafter a balance of zero, the $1150 \%$ PSA Balances were calculated using a

Structuring Rate of $1150 \%$ PSA and the $9.0 \%$ CPR Balances were calculated using a Structuring Rate of $9.0 \%$ through the distribution date in November 2005 and thereafter a balance of zero. The Jump Balances were calculated using the characteristics of the related Trust MBS to be delivered on the Closing Date as set forth in Exhibits A and B.

Accrual Classes: Interest will accrue on each Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal."

Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| BS | \$ 52,728,000 | 100\% of BF (SEQ Class) |
| DI | \$ 16,800,000 | 100\% of DO (SEQ / AD Class) |
| IA | \$ 31,244,977 | 22.222222222 \% of AB (SEQ Class) |
| IV | \$ 2,800,000 | 20\% of VC (SEQ/AD Class) |
| SB | \$150,000,000 | 100\% of F (PT Class) |
| SN | \$ 12,624,326 | $117.6470599199 \%$ of SM (SC/NSJ/TAC/AD Class) |
| VI | \$ 15,502,400 | 100\% of VO (SEQ/AD Class) |

Component Class: For purposes of calculating distributions of principal, Class SZ is comprised of multiple components having the designations and characteristics set forth below. Components are not separately transferable from the related Class of Securities.

| Class | Components | $\begin{gathered} \text { Principal } \\ \text { Type } \\ \hline \end{gathered}$ | Interest Type | Interest Rate | Original <br> Principal <br> Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SZ | SZ1 | SC/NSJ/SUP | INV / Z | (1) | \$ 496,910 |
|  | SZ2 | SC/NSJ / SUP | INV/Z | (1) | 8,447,467 |

(1) The interest rate for Components SZ1 and SZ2 is the interest rate for Class SZ as set forth in "Terms Sheet-Interest Rates" in this Supplement.

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.
Exhibit A
Underlying Certificates


\$1,481,382,622

## Government National <br> Mortgage Association

## GINNIE MAE ${ }^{\circledR}$

Guaranteed REMIC
Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2004-034

OFFERING CIRCULAR SUPPLEMENT May 24, 2004

UBS Investment Bank


[^0]:    (1) These Securities may be exchanged for MX Securities described in Schedule I
    (2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
    (3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
    (4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
    (5) See "Terms Sheet - Interest Rates" in this Supplement.
    (6) For additional discussion regarding the effect of LIBOR on the rate of principal payments on these Securities, see "Risk Factors - The rate of principal payments on certain group 5 classes will be sensitive to LIBOR," "Yield, Maturity and Prepayment Considerations - Securities that Receive Principal on the Basis of Schedules" and "-Decrement Tables" in this Supplement.

[^1]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^2]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^3]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^4]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^5]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^6]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^7]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^8]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^9]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^10]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^11]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^12]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^13]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^14]:    See "ERISA Considerations" in the Base Offering Circular.

[^15]:    (1) These Securities may be exchanged for MX Securities described in Schedule I.
    (2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
    (3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
    (4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
    (5) See "Terms Sheet - Interest Rates" in this Supplement.
    (6) For additional discussion regarding the effect of LIBOR on the rate of principal payments on these Securities, see "Risk Factors - The rate of principal payments on certain group 1 classes will be sensitive to LIBOR," "Yield, Maturity and Prepayment Considerations Securities that Receive Principal on the Basis of Schedules" and "-Decrement Tables" in this Supplement.

[^16]:    ${ }^{1}$ As of March 1, 2004.
    ${ }^{2}$ Does not include the Group 2 Trust Assets that will be added to pay the Trustee Fee.

