# Government National Mortgage Association 

GINNIE MAE ${ }^{\oplus}$<br>Guaranteed REMIC Pass-Through Securities<br>and MX Securities<br>Ginnie Mae REMIC Trust 2004-102

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-6 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 November 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.

Bear, Stearns \& Co. Inc. Utendahl Capital Partners, L.P.

The date of this Offering Circular Supplement is November 19, 2004.

## Ginnie Mae REMIC Trust 2004-102

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) | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\underset{\substack{\text { Dinal } \\ \text { Distribution } \\ \text { Date(4) }}}{\text { ( }}$ | $\underset{\text { Number }}{\text { CUSIP }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| DY | \$10,043,000 | 5.5\% | SEQ | FIX | November 2034 | 38374J Y9 1 |
| GA (1) | 31,896,000 | 5.5 | SEQ | FIX | June 2030 | 38374J Z2 5 |
| GB (1) | 4,061,558 | 5.5 | SEQ | FIX | November 2031 | 38374J Z3 3 |
| Security Group 2 |  |  |  |  |  |  |
| FY | 14,560,259 | (5) | SC/PT | FLT | January 2030 | 38374J Z4 1 |
| SY | 14,560,259 | (5) | NTL (SC/PT) | INV/IO | January 2030 | 38374J Z5 8 |
| Security Group 3 |  |  |  |  |  |  |
| MA | 14,788,405 | 5.5 | SC/SEQ | FIX | April 2034 | 38374J Z6 6 |
| MB (1) | 13,099,969 | 5.5 | SC/SEQ | FIX | April 2034 | 38374J Z7 4 |
| MI (1) | 2,535,306 | 5.5 | NTL (SC/PT) | FIX/IO | April 2034 | 38374J Z8 2 |
| Residual |  |  |  |  |  |  |
| RR . . . | 0 | NPR | 0.0 | NPR | November 2034 | 38374J Z9 0 |

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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 2 and Group 3 securities, the disclosure document or documents 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: Bear, Stearns \& Co. Inc.
Trustee: U.S. Bank National Association
Tax Administrator: The Trustee
Closing Date: November 30, 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 December 2004.

## Trust Assets:

| Trust Asset Group | Trust Asset Type | Certificate Rate | Original Term To Maturity (in years) |
| :---: | :---: | :---: | :---: |
| 1 | Ginnie Mae II | 5.5\% | 30 |
| 2 | Underlying Certificate | (1) | (1) |
| 3 | 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 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 November 1, 2004.
(2) Does not include the Group 1 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 Mortgage Rates of many of the Mortgage Loans underlying the Group 1 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 BookEntry 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 or Interest Only 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 <br> Interest <br> Rate(2) | Minimum Rate | $\begin{gathered} \text { Maximum } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FY | LIBOR + 0.30\% | 2.21\% | 0.3\% | 7.5\% | 0 | 0.00\% |
| SY | 7.20\% - LIBOR | 5.29\% | 0.0\% | 7.2\% | 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, 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") will be allocated sequentially to GA, GB and DY, in that order, until retired

## SECURITY GROUP 2

The Group 2 Principal Distribution Amount will be allocated to FY, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated sequentially to MB and MA, in that order, until retired

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:

| $\underline{\text { Class }}$ | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| GI | \$ 11,598,545 | $36.3636363636 \%$ of GA (SEQ Class) |
| ID | 9,806,606 | $27.2727272727 \%$ of GA and GB (in the aggregate) (SEQ Classes) |
| IE | 4,763,625 | $36.3636363636 \%$ of MB (SC/SEQ Class) |
| IX | 1,190,906 | 9.0909090909\% of MB (SC/SEQ Class) |
|  | 2,535,306 | 9.0909090909\% of the Group 3 Trust Assets |
|  | \$ 3,726,212 |  |
| MI | \$ 2,535,306 | $9.0909090909 \%$ of the Group 3 Trust Assets |
| SY | 14,560,259 | 100\% of FY (SC/PT 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 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.

## 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 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 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.

The rate of principal payments on the underlying certificates will directly affect the rate of principal payments on the group 2 and 3 securities. 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 certificate in trust asset group 2 on any payment date is calculated on the basis of a schedule; no assurance can be given that the underlying certificate will adhere to its schedule. 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 that underlying certificate has adhered to its principal balance schedule, whether any related supporting classes remain outstanding or whether that underlying certificate otherwise has 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 certificate in light of applicable information contained in the underlying certificate disclosure documents.

The securities may not be a suitable investment for you. The securities, especially the group 2 and group 3 securities and, in particular, the interest only, interest only inverse floating rate 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 the Trust MBS or the Underlying Certificates, will evidence, directly or indirectly, Ginnie Mae Certificates.

## The Trust MBS (Group 1)

The Group 1 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 2 and 3)

The Group 2 and Group 3 Trust Assets are Underlying Certificates that represent beneficial ownership interests in separate trusts, the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. Each Underlying Certificate constitutes all 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 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 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 Mortgage Rates of the Mortgage Loans. However, the actual remaining terms to maturity, loan ages and 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 notional balance.

## Distributions

Distributions on the Securities will be made on each Distribution Date as specified under "Terms Sheet - Distribution Date" 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
Floating Rate and Inverse Floating Rate Classes

## 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") or by calling the Information Agent at (800) 234-GNMA.

## Principal Distributions

The Principal Distribution Amount or the Adjusted Principal Distribution Amount for each Group, as applicable, 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 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 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 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 can calculate the amount of principal and interest to be distributed to 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.

## 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 or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 1, 2, 3 and 4, 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.

In the case of Combinations 1, 2 and 3, the REMIC Securities may be exchanged for proportionate interests in various subcombinations of MX Classes. Similarly, all or a portion of these MX Classes may be exchanged for proportionate interests in the related REMIC Securities or in other subcombinations of the MX Classes. Each subcombination 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. See the example under "Description of the Securities - Modification and Exchange" in the Base Offering Circular.

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 One Federal Street, 3rd Floor, Boston, Massachusetts, 02110, Attention: Corporate Trust Services. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

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 2 and Group 3 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 2 and 3 securities" in this Supplement.

## 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 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1 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 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months and each Mortgage Loan underlying a Group 1 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 Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in December 2004.
4. A termination of the Trust or the Underlying Trust does not occur.
5. The Closing Date for the Securities is November 30, 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 Document.
8. Each Class is held from the Closing Date and is not exchanged in whole or in part.

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 20th of the month, 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. 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.

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

| Distribution Date | Security Group 1PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes DA, DB, DC, DE, DG, DH, DJ, DK, DL, DM, DN, DP, DT, DU, DV, DW, ID, HA and HB |  |  |  |  | Class DY |  |  |  |  |
|  | 0\% | 150\% | 300\% | 450\% | 600\% | 0\% | 150\% | 300\% | 450\% | 600\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| November 2005 | 99 | 93 | 87 | 82 | 76 | 100 | 100 | 100 | 100 | 100 |
| November 2006 | 97 | 82 | 68 | 55 | 42 | 100 | 100 | 100 | 100 | 100 |
| November 2007 | 96 | 70 | 49 | 31 | 16 | 100 | 100 | 100 | 100 | 100 |
| November 2008 | 94 | 60 | 34 | 15 | 0 | 100 | 100 | 100 | 100 | 100 |
| November 2009 | 92 | 51 | 22 | 3 | 0 | 100 | 100 | 100 | 100 | 63 |
| November 2010 | 91 | 42 | 13 | 0 | 0 | 100 | 100 | 100 | 78 | 39 |
| November 2011 | 89 | 35 | 5 | 0 | 0 | 100 | 100 | 100 | 56 | 25 |
| November 2012 | 87 | 28 | 0 | 0 | 0 | 100 | 100 | 93 | 40 | 15 |
| November 2013 | 84 | 22 | 0 | 0 | 0 | 100 | 100 | 75 | 29 | 10 |
| November 2014 | 82 | 16 | 0 | 0 | 0 | 100 | 100 | 60 | 20 | 6 |
| November 2015 | 79 | 11 | 0 | 0 | 0 | 100 | 100 | 48 | 14 | 4 |
| November 2016 | 76 | 6 | 0 | 0 | 0 | 100 | 100 | 38 | 10 | 2 |
| November 2017 | 73 | 2 | 0 | 0 | 0 | 100 | 100 | 30 | 7 | 1 |
| November 2018 | 70 | 0 | 0 | 0 | 0 | 100 | 94 | 24 | 5 | 1 |
| November 2019 | 67 | 0 | 0 | 0 | 0 | 100 | 82 | 19 | 4 | 1 |
| November 2020 | 63 | 0 | 0 | 0 | 0 | 100 | 72 | 15 | 2 | 0 |
| November 2021 | 59 | 0 | 0 | 0 | 0 | 100 | 62 | 11 | 2 | 0 |
| November 2022 | 55 | 0 | 0 | 0 | 0 | 100 | 53 | 9 | 1 | 0 |
| November 2023 | 50 | 0 | 0 | 0 | 0 | 100 | 45 | 7 | 1 | 0 |
| November 2024 | 45 | 0 | 0 | 0 | 0 | 100 | 38 | 5 | 1 | 0 |
| November 2025 | 40 | 0 | 0 | 0 | 0 | 100 | 32 | 4 | 0 | 0 |
| November 2026 | 34 | 0 | 0 | 0 | 0 | 100 | 26 | 3 | 0 | 0 |
| November 2027 | 28 | 0 | 0 | 0 | 0 | 100 | 21 | 2 | 0 | 0 |
| November 2028 | 22 | 0 | 0 | 0 | 0 | 100 | 17 | 1 | 0 | 0 |
| November 2029 | 15 | 0 | 0 | 0 | 0 | 100 | 13 | 1 | 0 | 0 |
| November 2030 | 8 | 0 | 0 | 0 | 0 | 100 | 9 | 1 | 0 | 0 |
| November 2031 | 0 | 0 | 0 | 0 | 0 | 99 | 6 | 0 | 0 | 0 |
| November 2032 | 0 | 0 | 0 | 0 | 0 | 68 | 3 | 0 | 0 | 0 |
| November 2033 | 0 | 0 | 0 | 0 | 0 | 35 | 1 | 0 | 0 | 0 |
| November 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years): . | 17.5 | 5.7 | 3.3 | 2.4 | 1.9 | 28.5 | 19.3 | 12.0 | 8.2 | 6.2 |

Distribution Date


| Classes GA, GC, GD, GE, GH, <br> GI, GK, $\mathbf{G L}, \mathbf{G M}$ and $\mathbf{G N}$ |  |  |  |  |  |  |  |  |  |  |  |  | Class GB |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Distribution Date | Security Group 2 <br> PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes FY and SY |  |  |  |  |
|  | 0\% | 200\% | 400\% | 600\% | 800\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 |
| November 2005 | 99 | 87 | 75 | 63 | 51 |
| November 2006 | 97 | 75 | 56 | 40 | 26 |
| November 2007 | 96 | 65 | 42 | 25 | 13 |
| November 2008 | 94 | 56 | 31 | 16 | 7 |
| November 2009 | 92 | 49 | 23 | 10 | 4 |
| November 2010 | 90 | 42 | 17 | 6 | 2 |
| November 2011 | 88 | 36 | 13 | 4 | 1 |
| November 2012 | 86 | 31 | 10 | 2 | 0 |
| November 2013 | 83 | 26 | 7 | 1 | 0 |
| November 2014 | 80 | 22 | 5 | 1 | 0 |
| November 2015 | 77 | 19 | 4 | , | 0 |
| November 2016 | 74 | 16 | 3 | 0 | 0 |
| November 2017 | 70 | 13 | 2 | 0 | 0 |
| November 2018 | 66 | 11 | 1 | 0 | 0 |
| November 2019 | 62 | 9 | 1 | 0 | 0 |
| November 2020 | 58 | 7 | 1 | 0 | 0 |
| November 2021 | 53 | 6 | 0 | 0 | 0 |
| November 2022 | 47 | 5 | 0 | 0 | 0 |
| November 2023 | 41 | 4 | 0 | 0 | 0 |
| November 2024 | 35 | 3 | 0 | 0 | 0 |
| November 2025 | 28 | 2 | 0 | 0 | 0 |
| November 2026 | 21 | 1 | 0 | 0 | 0 |
| November 2027 | 13 | 1 | 0 | 0 | 0 |
| November 2028 | 4 | 0 | 0 | 0 | 0 |
| November 2029 | 0 | 0 | 0 | 0 | 0 |
| November 2030 | 0 | 0 | 0 | 0 | 0 |
| November 2031 | 0 | 0 | 0 | 0 | 0 |
| November 2032 | 0 | 0 | 0 | 0 | 0 |
| November 2033 | 0 | 0 | 0 | 0 | 0 |
| November 2034 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years): | 16.1 | 6.4 | 3.4 | 2.2 | 1.5 |

Security Group 3
PSA Prepayment Assumption Rates

|  |  |
| :---: | :---: |
| $\frac{\text { Distribution Date }}{\text { Initial Percent } \ldots \ldots}$ |  |
| November 2005 |  |
| November 2006 |  |
| November 2007 |  |
| November 2008 |  |
| November 2009 |  |
| November 2010 |  |
| November 2011 |  |
| November 2012 |  |
| November 2013 |  |
| November 2014 |  |
| November 2015 |  |
| November 2016 |  |
| November 2017 |  |
| November 2018 |  |
| November 2019 |  |
| November 2020 |  |
| November 2021 |  |
| November 2022 |  |
| November 2023 |  |
| November 2024 |  |
| November 2025 |  |
| November 2026 |  |
| November 2027 |  |
| November 2028 |  |
| November 2029 |  |
| November 2030 |  |
| November 2031 |  |
| November 2032 |  |
| November 2033 |  |
| November 2034 |  |
| Weighted Average |  |
|  |  |


| Classes IE, MB, MC, MD, <br> ME, MG, MH, MJ, MK and ML |  |  |  |  | Class IX |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0\% | $150 \%$ | 300\% | 450\% | 600\% | 0\% | 150\% | 300\% | 450\% | 600\% |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 95 | 95 | 95 | 95 | 7 | 97 | 97 | 97 | 97 | 41 |
| 90 | 90 | 90 | 90 | 0 | 94 | 94 | 94 | 94 | 0 |
| 85 | 85 | 85 | 85 | 0 | 90 | 90 | 90 | 90 | 0 |
| 79 | 79 | 79 | 79 | 0 | 87 | 87 | 87 | 87 | 0 |
| 73 | 73 | 73 | 73 | 0 | 83 | 83 | 83 | 83 | 0 |
| 67 | 67 | 67 | 67 | 0 | 79 | 79 | 79 | 79 | 0 |
| 60 | 60 | 60 | 60 | 0 | 75 | 75 | 75 | 75 | 0 |
| 53 | 53 | 53 | 53 | 0 | 70 | 70 | 70 | 70 | 0 |
| 46 | 46 | 46 | 0 | 0 | 65 | 65 | 65 | 36 | 0 |
| 38 | 38 | 38 | 0 | 0 | 60 | 60 | 60 | 10 | 0 |
| 29 | 29 | 29 | 0 | 0 | 55 | 55 | 55 | 0 | 0 |
| 20 | 20 | 20 | 0 | 0 | 49 | 49 | 49 | 0 | 0 |
| 10 | 10 | 0 | 0 | 0 | 43 | 43 | 29 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 36 | 36 | 7 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 33 | 33 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 29 | 29 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 25 | 25 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 21 | 21 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 17 | 17 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 12 | 12 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8.0 | 8.0 | 7.9 | 6.7 | 0.7 | 11.8 | 11.7 | 9.9 | 7.8 | 0.9 |

PSA Prepayment Assumption Rates


| Class MA |  |  |  |  | Class MI |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0\% | 150\% | 300\% | 450\% | 600\% | 0\% | 150\% | 300\% | 450\% | 600\% |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 98 | 98 | 98 | 98 | 56 |
| 100 | 100 | 100 | 100 | 0 | 95 | 95 | 95 | 95 | 0 |
| 100 | 100 | 100 | 100 | 0 | 93 | 93 | 93 | 93 | 0 |
| 100 | 100 | 100 | 100 | 0 | 90 | 90 | 90 | 90 | 0 |
| 100 | 100 | 100 | 100 | 0 | 88 | 88 | 88 | 88 | 0 |
| 100 | 100 | 100 | 100 | 0 | 85 | 85 | 85 | 85 | 0 |
| 100 | 100 | 100 | 100 | 0 | 81 | 81 | 81 | 81 | 0 |
| 100 | 100 | 100 | 100 | 0 | 78 | 78 | 78 | 78 | 0 |
| 100 | 100 | 100 | 100 | 0 | 74 | 74 | 74 | 53 | 0 |
| 100 | 100 | 100 | 28 | 0 | 71 | 71 | 71 | 15 | 0 |
| 100 | 100 | 100 | 0 | 0 | 67 | 67 | 67 | 0 | 0 |
| 100 | 100 | 100 | 0 | 0 | 62 | 62 | 62 | 0 | 0 |
| 100 | 100 | 80 | 0 | 0 | 58 | 58 | 43 | 0 | 0 |
| 100 | 100 | 21 | 0 | 0 | 53 | 53 | 11 | 0 | 0 |
| 91 | 91 | 0 | 0 | 0 | 48 | 48 | 0 | 0 | 0 |
| 80 | 80 | 0 | 0 | 0 | 43 | 43 | 0 | 0 | 0 |
| 69 | 69 | 0 | 0 | 0 | 37 | 37 | 0 | 0 | 0 |
| 58 | 58 | 0 | 0 | 0 | 31 | 31 | 0 | 0 | 0 |
| 46 | 46 | 0 | 0 | 0 | 24 | 24 | 0 | 0 | 0 |
| 33 | 33 | 0 | 0 | 0 | 17 | 17 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18.5 | 18.3 | 13.5 | 9.7 | 1.4 | 13.6 | 13.5 | 10.9 | 8.3 | 1.0 |

## 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, in the case of the Group 2 and 3 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 Interest Only Inverse Floating Rate Class, the investor's own projection of levels of LIBOR 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: 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 the 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, 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 Class. High levels of LIBOR can significantly reduce the yield of the Inverse Floating Rate Class. In addition, the Floating Rate Class will not benefit from a higher yield at high levels of LIBOR because the rate on such Class 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 that Class even though interest began to accrue approximately 50 days earlier.

## 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 Class, 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, 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 the 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 is as indicated in the related table. The assumed purchase price is not necessarily that at which actual sales will occur.

## SECURITY GROUP 1 <br> Sensitivity of Class GI to Prepayments

Assumed Price 12.781250\%*

| PSA Prepayment Assumption Rates |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| $\mathbf{1 5 0 \%}$ | $\frac{\mathbf{3 0 0 \%}}{28.5 \%}$ | $\underline{\mathbf{3 7 4 \%}}$ | $\underline{\mathbf{4 5 0 \%}}$ | $\underline{\mathbf{6 0 0 \%}}$ |
| $\mathbf{9 . 8 \%}$ | $0.0 \%$ | $(10.1) \%$ | $(29.4) \%$ |  |


\section*{Sensitivity of Class ID to Prepayments <br> Assumed Price 14.578125\%* <br> | PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1 5 0 \%}$ | $\frac{\mathbf{3 0 0} \%}{25.0 \%}$ | $\frac{\mathbf{3 8 1 \%}}{}$ | $\mathbf{4 5 0 \%}$ | $\underline{\mathbf{6 0 0} \%}$ |
| $\mathbf{9 . 3 \%}$ | $0.0 \%$ | $(8.1) \%$ | $(25.5) \%$ |  |}

[^1]
## SECURITY GROUP 2

Sensitivity of Class SY to Prepayments
Assumed Price 7.875\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 200\% | 400\% | 600\% | 800\% |
| 0.91\% | 74.3\% | 55.7\% | 35.5\% | 13.2\% |
| 1.91\% | 58.8\% | 41.2\% | 22.0\% | 0.9\% |
| 4.91\% | 15.4\% | 0.5\% | (15.8)\% | (33.6)\% |
| 7.20\% and above | ** | ** | ** | ** |

## SECURITY GROUP 3

Sensitivity of Class IE to Prepayments
Assumed Price 16.203125\%*
PSA Prepayment Assumption Rates

| $\overline{150 \%}$ | $\frac{300 \%}{27.7 \%}$ | $\frac{\mathbf{4 5 0 \%}}{26.4 \%}$ | $\frac{496 \%}{1.0 \%}$ | $\frac{\mathbf{6 0 0 \%}}{* *}$ |
| :---: | :---: | :---: | :---: | :---: |

## Sensitivity of Class IX to Prepayments

Assumed Price 19.906250\%*

| PSA Prepayment Assumption Rates |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| $\underline{\mathbf{1 5 0 \%}}$ | $\underline{\mathbf{3 0 0} \%}$ | $\underline{\mathbf{4 5 0 \%}}$ | $\underline{\mathbf{5 1 0 \%}}$ | $\underline{\mathbf{6 0 0 \%}}$ |
| $23.9 \%$ | $23.4 \%$ | $21.4 \%$ | $0.4 \%$ |  |

## Sensitivity of Class MI to Prepayments

Assumed Price 21.656250\%**

| PSA Prepayment Assumption Rates |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| $\underline{\mathbf{1 5 0 \%}}$ | $\underline{\mathbf{3 0 0} \%}$ | $\underline{\mathbf{4 5 0 \%}}$ | $\underline{\mathbf{5 1 4 \%}}$ | $\mathbf{0 . 6 \%}$ |

[^2]
## 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 Stroock \& Stroock \& Lavan LLP, 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 MI and SY 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 original issue discount ("OID") rules based on the expected payments on these securities at the prepayment assumption described below.

Other than the Regular Securities described in the preceding paragraph, based on anticipated prices (including accrued interest), the assumed Mortgage Loan characteristics and the prepayment assumptions described below, no Class is 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 is 300\% PSA in the case of the Group 1 and Group 3 Securities and $400 \%$ PSA in the case of the Group 2 Securities (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). In the case of Class FY, the constant value of LIBOR to be used for these determinations is $1.91 \%$. 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, 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 respective 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.

## 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.

See "ERISA Considerations" in the Base Offering Circular.
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) November 1, 2004, on the Fixed Rate Classes, and (2) November 20, 2004 on the 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 Securities will have the same characteristics as described in this Supplement, except that the Original Class Principal Balance (or original Class Notional Balance) of each such Class will increase by the same proportion. The Trust Agreement, the Final Data Statement 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 Stroock \& Stroock \& Lavan LLP and Marcell Solomon \& Associates, P.C., and for the Trustee by Nixon Peabody LLP.
Available Combinations（1）

|  |  |  |
| :---: | :---: | :---: |
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|  | 8888 in 8888 $\circ \circ \circ \circ \circ \circ \circ \circ \circ \circ$ $\infty_{1} \infty_{\infty} \infty_{\infty} \infty_{\infty} \infty$ <br>  | $\infty \infty \infty \infty \infty \infty \infty \infty \infty \infty \infty \infty \infty \infty \infty \infty$ <br>  ぶかん <br>  |
|  |  |  |


| REMIC Securities |  |
| :---: | :---: |
|  | Original Class <br> Principal Balance <br> or Class <br> Notional Balance |
| Class <br> Combination 1（5） <br> GA | $\$ 31,896,000$ |
|  |  |
|  |  |
| Combination 2（5） |  |
| GA |  |
| GB | $41,896,000$ |
|  |  |

Available Combinations(1)

| MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Related MX Class | Maximum Original Class Principal Balance or Class Notional Balance(2) | Principal Type(3) | Interest Rate | Interest <br> Type(3) | CUSIP <br> Number | Final <br> Distribution <br> Date(4) |
| IE | 4,763,625 | NTL (SEQ) | 5.50 | FIX/IO | 38374J 3E 4 | April 2034 |
| MC | 13,099,969 | SEQ | 5.25 | FIX | 38374J 3F 1 | April 2034 |
| MD | 13,099,969 | SEQ | 5.00 | FIX | 38374J 3G 9 | April 2034 |
| ME | 13,099,969 | SEQ | 4.75 | FIX | 38374 J 3 H 7 | April 2034 |
| MG | 13,099,969 | SEQ | 4.50 | FIX | 38374J 3J 3 | April 2034 |
| MH | 13,099,969 | SEQ | 4.25 | FIX | 38374 J 3 K 0 | April 2034 |
| MJ | 13,099,969 | SEQ | 4.00 | FIX | 38374J 3L 8 | April 2034 |
| MK | 13,099,969 | SEQ | 3.75 | FIX | 38374J 3M 6 | April 2034 |
| ML | 13,099,969 | SEQ | 3.50 | FIX | 38374J 3N 4 | April 2034 |
| IX | 3,726,212 | NTL (SEQ) | 5.50 | FIX/IO | 38374J 3P 9 | April 2034 |


| REMIC | rities |
| :---: | :---: |
| Class | Original Class Principal Balance or Class <br> Notional Balance |
| Security Group 3 Combination 3 (5) MB | 13,099,969 |

(1) All exchanges must comply with minimum denominations restrictions.
Exhibit A

(1) As defined under "Class Types" in Appendix I to the Base Offering Circular.
(2) Underlying Certificate Factors are as of November 2004.
(3) Class CB is an MX Certificate formed from the combination of Classes JF and JS, previously issued MX Certificates from Ginnie Mae REMIC Trust 2004-052. Classes JF and
JS are backed by Class JC, a previously issued MX Certificate from Ginnie Mae REMIC Trust 2004-037. Class JC is backed by Class C, a previously issued MX Certificate from
 Ginnie Mae REMIC Trust 2004-022 are included in Exhibit B.

## Exhibit B

## Cover Page and Terms Sheet

from the Underlying Certificate Disclosure Document for the Group 2 securities and Cover Pages, Terms Sheets and Schedules I from the Underlying Certificate Disclosure Documents for the Group 3 securities

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



Guaranteed REMIC Pass-Through Securities<br>and MX Securities<br>Ginnie Mae REMIC Trust 2000-2

Ginnic Mac REMIC Trust 2000-2 Guarantced REMIC Pass-Through Sccuritics (the "Sccuritics") represent intercsts in Ginnic Mac REMIC Trust $2000-2$ (the "Trust"). The assets of the Trust (the "Trust Assets") consist primarily of Ginnie Mae Certificates guaranteed pursuant to Ginnie Mae programs for first lien, singlefamily, fixed rate, residential mortgage loans (the "I'rust MBS").

Guaranteed REMIC Pass-Through Securities ("REMIC Securities") may, upon notice and payment of an exchange fee, be exchanged for specified classes (each, an "MX Class") of Modifiable and Exchangeable Securities ("MX Securities") as described under "Description of the Securities-Modification and Exchange" in the Base Offering Circular. In addition, as described therein, Classes of MX Securities are exchangeable for specified REMIC Classes and, in certain cases, specified MX Classes. Unless the context requires otherwise, the term "Securities" includes REMIC Securities and MX Securities and the term "Classes" includes Classes of REMIC Securities and MX Securities.

The Classes listed in the table below and the MX Classes are offered pursuant to this Offering Circular Supplement and the Base Offering Circular. The Regular and MX Classes comprise two Security Groups. Payments on each Security Group will be based solely on payments on the Trust Asset Group with the same numerical designation. Unless indicated otherwise, capitalized terms used herein shall have the meanings assigned to them in the glossary attached as Appendix II to the Base Offering Circular.

For a discussion of certain material risks in connection with the purchase of the Securities, see "Risk Factors-Class Investment Considerations" on page S-15 of this Supplement.

GINNIE MAE GUARANTEES 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 SECURITIES ARE EXEMPT FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT OF 1933 AND

CONSTITUTE EXEMPTED SECURITIES UNDER THE SECURITIES EXCHANGE ACT OF 1934.
(Cover continued on next page)

| Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | Principal Type(3) | Interest Type(3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date[4] } \end{gathered}$ | CUSIP Number | Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | Principal Type (3) | Interest Type(3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ | CUSTP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  | VC(1) | \$ 12,292,000 | 7.50\% | $\mathrm{PAC} / \mathrm{AD}$ | FIX | May 2007 | 3837H3D53 |
| BA ............ | \$ 3,598,500 | 7.50\% | SUP | FIX | December 2027 | 3837113B48 | VD(1) | 12,380,000 | 7.50 | PAC/AD | FIX | February 2012 | $3837 \mathrm{II3D61}$ |
| BC | 3,478,500 | 7.50 | SUP | FIX | February 2028 | 3837 H 3 B 55 | YM. | 20,144,000 | 7.50 | $\mathrm{SCH} / \mathrm{AD}$ | FIX | September 2029 | 3837H3D79 |
| BD | 6,036,000 | 7.50 | SUP | FIX | May 2028 | 3837H3B63 | YP | 4,139,000 | 7.50 | $\mathrm{SCH} / \mathrm{AD}$ | FIX | November 2029 | 3837 H 3 D 87 |
| BE. | 3,697,500 | 7.50 | SUP | FIX | June 2028 | 3837 H 3 B 71 | YT | 3,702,000 | 7.50 | SCH/AD | FIX | December 2029 | 3837 H 3 D 95 |
| BG | 1,582,500 | 7.50 | SUP | FIX | July 2028 | 3837H3B89 | YW | 2,882,000 | 7.50 | SCH/AD | FIX | January 2030 | 3837 H 3 E 29 |
| BH | 5,451,000 | 7.50 | SUP | FIX | October 2028 | $3837 \mathrm{H} 3 \mathrm{B9} 9$ | Z. | 7,629,000 | 7.50 | SUP | FIX/Z | October 2027 | 3837 H 3 E 37 |
| BI | 15,474,000 | 7.50 | SUP | FIX | January 2030 | 3837 H 3 C 21 | ZD(1) | 16,983,000 | 7.50 | PAC | FIX/Z | January 2030 | 3837 H 3 E 45 |
| FI . | 16,447,500 | (5) | SUP | FLT | Tanuary 2030 | $3837 \mathrm{H3C39}$ |  |  |  |  |  |  |  |
| IA (1) | 3,375,400 | 7.50 | N'I'L (PAC) | FIX/IO | December 2022 | $3837 \mathrm{H3C47}$ | Security Group 2 <br> C(1) |  |  |  | FIX | October 2021 | 3837H3E52 |
| IB IC I 1 | $2,502,700$ $3,534,700$ | 7.50 7.50 | NTL ${ }^{\text {NTL }}$ PAC | FIX/IO FIX/IO | March 2025 September 2027 | 3837 H 3 C 54 3837 H 3 C 62 | $\begin{gathered} \mathrm{C} \\ \mathrm{D}(1) . \end{gathered}$ | $256,630,000$ $38,505,000$ | 7.00 7.00 | SEQ/AD SEQ/AD | FIX | October 2021 | 3837H3E52 3837 H 260 |
| PA(1) | $3,534,700$ $50,631,000$ | 7.50 7.00 | NTL PAC PAC | FIX/O | September 2027 | 3837 H 3 C 62 3837 H 3 C 70 | VA. | 24,631,000 | 7.00 | SEQ/AD | FIX | June 2007 | $3837 \mathrm{H} 3 \mathrm{E} 78$ |
| PB(1) | 37,540,500 | 7.00 | PAC | FIX | March 2025 | 3837 H 3 C 88 | VB | 43,421,000 | 7.00 | SEQ/AD | FIX | Tanuary 2015 | 3837II3L86 |
| PC(1) | 53,020,500 | 7.00 | PAC | FIX | September 2027 | 3837 H 3 C 96 | ZA | 36,813,000 | 7.00 | SEQ | FIX/Z | January 2030 | 3837 H 3 E 94 |
| PD | 19,602,000 | 7.50 | PAC | FIX | July 2028 | 3837 H 3 D 20 | Residual |  |  |  |  |  |  |
| SM(1). | 2,024,308 | 5 | SUP | INV | January 2030 | 3837H3D38 | RR | 0 | 0.00 | NPR | NPR | January 2030 | 3837 H 3 F 28 |
| SN(1)......... | 1,265,192 | (5) | SUP | INV | Tanuary 2030 | 3837 H 3 D 46 |  |  |  |  |  |  |  |

(1) Denotes a Class which is exchangeable for an MX Class. Sce Exhibit A to this Supplement for a description of the MX Classes.
(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) The Floating Rate and Inverse Floating Rate Classes will bear interest as described under "Terms Sheet-Interest Rates" in this Supplement.

The Securities are being offered by Bear, Stearns \& Co. Inc. (the "Sponsor") and Blaylock \& Partners, L.P. (the "Co-Sponsor") from time to time in negotiated
transactions at varying prices to be determined at the time of sale, plus accrued interest from January 1, 2000 on the Fixed Rate Classes and from January 20 , 2000 on the Floating Rate and Inverse Floating Rate Classes.

The Securities are offered subject to receipt and acceptance by the Sponsor, to prior sale and to the Sponsor's right to reject any order in whole or in part and to withdraw, cancel or modify the offer without notice. It is expected that the Regular Securities will be ready for delivery in Book-Entry Form through the facilities of the Book-Entry Depository (as defined herein) and that the Residual Securities will be delivered in certificated form to the offices of Bear, Stearns \& Co. Inc. in New York, New York, on or about January 28, 2000.

## Bear, Stearns \& Co. Inc.

## Blaylock \& Partners, L.P.

The date of this Offering Circular Supplement is January 21, 2000.

Investors should consider the following general investment characteristics of Securities backed by single-family mortgage loans such as the Mortgage Loans:

- The Mortgage Loans generally are assumable and may be prepaid at any time without penalty. Accordingly, the rate of prepayments on the Mortgage Loans is likely to vary considerably over time. Rapid rates of prepayments on the Mortgage Loans are likely to coincide with periods of low prevailing interest rates. During such periods, 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 such periods, the amount of principal payments available to an investor for reinvestment at such high rates may be relatively low.
- Slight variations in Mortgage Loan characteristics could substantially affect the Weighted Average Lives and yields of some or all of the Classes, particularly the Support Classes.
- In the case of Principal Only Securities or other Securities purchased at a discount, a slower than anticipated rate of principal payments is likely to result in a lower than anticipated yield.
- In the case of Interest Only Securities or other Securities purchased at a premium, a faster than anticipated rate of principal payments is likely to result in a lower than anticipated yield and, in certain cases, may result in an investor's failure to fully recover its investment.
- Low levels of LIBOR could reduce the yield of the Floating Rate Class. Conversely, high levels of LIBOR could significantly reduce the yields of the Inverse Floating Rate Classes and (especially in combination with fast prepayment rates on the related Mortgage Loans) may result in the failure of investors in the Interest Only Inverse Floating Rate Class to fully recover their investments.
- The rate of principal distributions of the Securities is uncertain. The actual final payment of any Class may occur earlier, and could occur much earlier, than the Final Distribution Date for that Class.
- Investors whose investment activities are subject to legal investment laws and regulations or to review by regulatory authorities may be subject to restrictions on investment in certain Classes. Investors should consult their legal advisors to determine whether and to what extent any Class may constitute a legal investment or is subject to restrictions on investment.
- 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 yields to investors in the Securities will be sensitive in varying degrees to, among other things, the rate of principal distributions on the related Trust MBS, which in turn will be determined by the rate of principal payments of the related Mortgage Loans. See "Yield, Maturity and Prepayment Considerations" herein.

The Securities may not be suitable investments for all investors, in particular, certain individual investors. The Sponsor has expressed its intention to make a market in the Securities, but has no obligation to do so. There can be no assurance that such a market will develop or, if developed, that it will continue. Thus, investors may not be able to sell their Securities readily or at prices that will enable them to realize their anticipated yield. The market values of the Securities are likely to fluctuate. The fluctuations may be significant and could result in significant losses to investors. No investor should purchase any Security unless the investor understands and is able to bear (i) the prepayment and yield risks associated with that Class and (ii) the risk that the value of such Securities will fluctuate over time and that such Securities may not be readily salable. Each investor is urged to consult with its investment advisor regarding whether the Securities are an appropriate investment and suitable for such investor.

## GINNIE MAE REMIC TRUST 2000-2 TERMS SHEET

This terms sheet (the "Terms Sheet") contains selected information for quick reference only. Prospective investors should read this Supplement, particularly "Risk Factors-Class Investment Considerations," and the Base Offering Circular for further information.

Sponsor: Bear, Stearns \& Co. Inc.
Trustee: State Street Bank and Trust Company
Tax Administrator: The Trustee
Closing Date: January 28, 2000
Distribution Dates: For the Group 1 Securities, the 20th day of each month or, if the 19th day or the 20th day is not a Business Day, the first Business Day following the 20th day, commencing in February 2000. For the Group 2 Securities, the 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in February 2000.

## Trust Assets:

| Trust Asset <br> Group | Trust Asset Type | Certificate <br> Rate | Original Term <br> To Maturity <br> (in years) |
| :---: | :---: | :---: | :---: |
|  | Ginnie Mae II | $7.5 \%$ |  |
|  | Ginnie Mae I |  | 7.0 |

## Security Groups:

Group 1 Securities: Classes BA, BC, BD, BE, BG, BH, BI, FI, IA, IB, IC, PA, PB, PC, PD, SM, SN, VC, VD, YM, YP, YT, YW, Z and ZD (REMIC Securities) and Classes CA, CB, CD, ID, PE, PI, PM, SI and SJ (MX Securities).

Group 2 Securities: Classes C, D, VA, VB and ZA (REMIC Securities) and Classes A, AE, AG, AH, AJ, AI, AP, CE, CG, CH, CI, CJ, CP, DE, DG, DH, DI, DJ and DP (MX Securities).

Assumed Mortgage Loan Characteristics of the Mortgage Loans Underlying the Trust Assets (as of January 1, 2000):

| Principal Balance * | Weighted Average <br> Remaining Term to Maturity (in months) | Weighted Average Loan Age (in months) | Weighted Average Mortgage Rate |
| :---: | :---: | :---: | :---: |
| Group 1 Trust Assets |  |  |  |
| \$300,000,000 | 357 | 3 | 8.250\%** |
| Group 2 Trust Assets |  |  |  |
| \$250,000,000 | 336 | 18 | 7.500\% |
| 150,000,000 | 341 | 14 | 7.500\% |
| \$400,000,000 |  |  |  |

[^3]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 will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets-The Mortgage Loans" in this Supplement.

Modeling Assumptions: Set forth under "Yield, Maturity and Prepayment Considerations" in this Supplement.

Modification and Exchange: Beneficial Owners of certain Classes of REMIC Securities will be entitled, upon notice and payment of an exchange fee, to exchange all or a portion of such Classes for a proportionate interest in the related MX Class or Classes as shown on Exhibit A to this Supplement. Similarly, Beneficial Owners of MX Classes will be entitled, upon like notice and payment of an exchange fee, to exchange all or a portion of such Classes for proportionate interests in the related Class or Classes of REMIC Securities and, in certain specified cases, other related MX Classes. Each MX Security will represent a proportionate beneficial ownership interest in, and will entitle the Holder thereof to receive a proportionate share of the distributions on, the related Class or Classes of REMIC Securities. See "Description of Securities-Modification and Exchange" in the Base Offering Circular. Exhibit A to this Supplement sets forth the available combinations of the Classes of REMIC Securities and the related MX Classes.

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

Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the cover page of this Supplement or on Exhibit A 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) | $\underset{\text { Rate }}{\text { Minimum }}$ | $\begin{aligned} & \text { Maximum } \\ & \text { Rate } \end{aligned}$ | $\begin{aligned} & \text { Delay } \\ & \text { (in days) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| FI | LIBOR + 1.00\% | 6.65\% | 1.00\% | 9.00\% | 0 |
| SIt and SJ $\dagger$ | 40.0\% - (LIBOR $\times 5$ ) | 11.75\% | 0.00\% | 40.00\% | 0 |
| SM | 56.875\% - (LIBOR $\times 8.125$ ) | 10.96875\% | 0.00\% | 56.875\% | 0 |
| SN | 104.0\% - (LIBOR $\times 13$ ) | 13.00\% | 0.00\% | 13.00\% | 0 |

(1) LIBOR will be established on the basis of the BBA LIBOR method, as described under "Description of the Securities-Distributions-Floating Rate and Inverse Floating Rate Classes" herein.
(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.
$\dagger$ MX Class
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 (as defined below) may 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 Z Accrual Amount and ZD Accrual Amount (each as defined below) will be allocated as follows:

- The $Z$ Accrual Amount in the following order of priority:

1. Sequentially, to YM, YP, YT and YW, in that order, until reduced to their Scheduled Principal Balances for that Distribution Date
2. To $Z$, until retired

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

1. Sequentially, to VC and VD, in that order, without regard to their Scheduled Principal Balances, until retired
2. To ZD, until retired

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

1. Sequentially, to $\mathrm{PA}, \mathrm{PB}, \mathrm{PC}, \mathrm{PD}, \mathrm{VC}, \mathrm{VD}$ and ZD , in that order, until reduced to their Scheduled Principal Balances for that Distribution Date
2. Sequentially, to YM, YP, YT and YW, in that order, until reduced to their Scheduled Principal Balances for that Distribution Date
3. Sequentially, to $\mathrm{Z}, \mathrm{BA}, \mathrm{BC}, \mathrm{BD}, \mathrm{BE}, \mathrm{BG}$ and BH , in that order, until retired
4. Concurrently, to BI, FI, SM and SN, pro rata, until retired
5. Sequentially, to YM, YP, YT and YW, in that order, without regard to their Scheduled Principal Balances, until retired
6. Sequentially, to $\mathrm{PA}, \mathrm{PB}, \mathrm{PC}, \mathrm{PD}, \mathrm{VC}, \mathrm{VD}$ and ZD , in that order, without regard to their Scheduled Principal Balances, until retired

## Security Group 2

A percentage of the Group 2 Principal Distribution Amount (as defined below) may be applied to the Trustee Fee, and the remainder of the Group 2 Principal Distribution Amount (the "Group 2 Adjusted Principal Distribution Amount ${ }^{\prime \prime}$ ) and the ZA Accrual Amount (as defined below) will be allocated as follows:

- The ZA Accrual Amount

1. Sequentially, to VA, VB, C and D , in that order, until retired
2. To ZA, until retired

- The Group 2 Adjusted Principal Distribution Amount, sequentially, to C, D, VA, VB and ZA, in that order, until retired

As to any Distribution Date, the "Group 1 Principal Distribution Amount" and "Group 2 Principal Distribution Amount" mean that portion of the Principal Distribution Amount for such date attributable to the Group 1 and Group 2 Trust Assets, respectively. As to any Distribution Date, the "Z Accrual Amount," "ZA Accrual Amount" and "ZD Accrual Amount" mean the Accrual Amount on such date for the related Accrual Class.

Accrual Classes: Classes Z, ZA and ZD are Accrual Classes. Interest will accrue on each Accrual Class at the per annum rate set forth on the cover page of this Supplement. However, no interest will be distributed thereon 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".

MX Classes: On any Distribution Date when distributions of principal are to be allocated from REMIC Securities to MX Securities or from MX Securities to other MX Securities, such distributions will be allocated from the applicable Class or Classes of REMIC Securities to the related MX Class or Classes or from the applicable Class or Classes of MX Securities to the related MX Class or Classes.

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 Balance indicated:


Structuring Ranges: The PAC and Scheduled Classes were structured using among other things, the following Structuring Ranges:

| Classes | Ranges |
| :---: | :---: |
| PAC | 100\% PSA through 250\% PSA |
| Scheduled | 120\% PSA through 160\% PSA |

The Effective Range for a Class may differ from its Structuring Range. The initial Effective Ranges for the PAC and Scheduled Classes are set forth under "Risk Factors-Class Investment Considerations-PAC and Scheduled Classes" in this Supplement.

Scheduled Principal Balances: The Scheduled Principal Balances for each PAC and Scheduled Class are included in Schedule I to this Supplement.

## Weighted Average Lives (in years) ${ }^{\star}$ :

| Class | PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 | 0\% | 100\% | 150\% | 250\% | 350\% |
| BA. | 27.8 | 18.2 | 3.0 | 1.2 | 0.8 |
| BC | 28.0 | 18.9 | 4.0 | 1.4 | 1.0 |
| BD | 28.2 | 19.8 | 6.0 | 1.7 | 1.2 |
| BE | 28.4 | 20.7 | 11.9 | 2.0 | 1.4 |
| BG | 28.5 | 21.2 | 13.9 | 2.2 | 1.5 |
| BH | 28.6 | 21.9 | 15.0 | 2.3 | 1.7 |
| BI, FI, PM $\dagger$, SIt, SJ $\dagger^{\star \star}$, SM and SN | 29.4 | 26.0 | 21.9 | 3.8 | 2.3 |
| CAt, IA** and PA | 8.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| $\mathrm{CB}+, \mathrm{IB}^{* *}$ and PB | 16.1 | 5.0 | 5.0 | 5.0 | 4.3 |
| CD+, $\mathrm{IC}^{\star \star}$ and PC | 20.5 | 8.0 | 8.0 | 8.0 | 6.1 |
| ID $\dagger^{\star *}$ | 18.7 | 6.7 | 6.7 | 6.7 | 5.3 |
| PD | 23.2 | 11.0 | 11.0 | 11.0 | 8.1 |
| PE $\dagger$ | 25.0 | 16.8 | 16.8 | 16.8 | 12.7 |
| PIt** | 15.0 | 5.2 | 5.2 | 5.2 | 4.3 |
| VC | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| VD | 9.8 | 9.8 | 9.8 | 9.8 | 8.9 |
| YM | 9.0 | 4.9 | 2.2 | 2.2 | 1.8 |
| YP | 17.4 | 11.8 | 8.0 | 6.1 | 3.3 |
| YT | 19.1 | 12.6 | 11.0 | 6.8 | 3.5 |
| YW | 20.5 | 13.2 | 12.4 | 7.9 | 3.6 |
| Z | 26.9 | 15.8 | 1.6 | 0.6 | 0.4 |
| ZD | 25.0 | 16.8 | 16.8 | 16.8 | 13.4 |
|  | PSA Prepayment Assumption Rates |  |  |  |  |
| Security Group 2 | 0\% | 75\% | 125\% | 200\% | 300\% |
| At, AEt, AG $\dagger, \mathrm{AH} \dagger, \mathrm{AIt}{ }^{* *}$, AJt and AP $\dagger$ | 15.9 | 8.1 | 5.8 | 3.9 | 2.7 |
| $\mathrm{C}, \mathrm{CE} \dagger, \mathrm{CG} \dagger, \mathrm{CH} \dagger, \mathrm{CI} \dagger^{* *}$, $\mathrm{CJ} \dagger$ and $\mathrm{CP} \dagger$ | 14.9 | 7.0 | 4.8 | 3.3 | 2.3 |
| D, DEt, DG $\dagger$, DH $\dagger$, DI $\dagger^{* *}$, D $\dagger$ t and DP $\dagger$ | 22.4 | 16.0 | 12.3 | 8.4 | 5.8 |
| VA | 4.0 | 4.0 | 4.0 | 4.0 | 3.9 |
| VB | 11.5 | 11.5 | 11.4 | 9.9 | 7.6 |
| ZA | 26.8 | 22.3 | 19.9 | 16.5 | 12.8 |

[^4]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 Interests of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.

Suitability: The Securities of any Class may not be suitable investments for all investors. The Sponsor intends to make a market for the Securities but is not obligated to do so. There can be no
assurance that such a secondary market will develop or, if developed, that it will continue. Thus, investors may not be able to sell their Securities readily or at prices that will enable them to realize their anticipated yield. The market values of the Securities are likely to fluctuate. The fluctuations may be significant and could result in significant losses to investors. No investor should purchase Securities of any Class unless the investor understands and is able to bear (i) the prepayment and yield risks associated with that Class and (ii) the risk that the value of such Securities will fluctuate over time and that such Securities may not be readily salable. Each investor is urged to consult with its investment advisor regarding whether the Securities are an appropriate investment for such investor.

# Government National Mortgage Association 

GINNIE MAE ${ }^{\circledR}$<br>Guaranteed REMIC Pass-Through Securities and MX Securities<br>Ginnie Mae REMIC Trust 2004-052

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-8 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 July 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.

Bear, Stearns \& Co. Inc. Utendahl Capital Partners, L.P.

The date of this Offering Circular Supplement is July 26, 2004.

## Ginnie Mae REMIC Trust 2004-052

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 | $\begin{gathered} \text { Original } \\ \text { Principal } \\ \text { Balance(2) } \\ \hline \end{gathered}$ | Interest Rate | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| AB(1) | \$16,237,000 | 5.5\% | SC/PAC | FIX | May 2034 | 38374H KD1 |
| AC | 27,639,000 | 5.5 | SC/SUP/AD | FIX | May 2034 | 38374H KE9 |
| AD | 23,782,957 | 6.0 | SC/SUP | FIX | May 2034 | 38374H KF6 |
| AO | 2,162,088 | 0.0 | SC/SUP | PO | May 2034 | 38374H KG4 |
| ZA | 38,000 | 5.5 | SC/SUP | FIX/Z | May 2034 | 38374H KH2 |

Security Group 2

| FD(1) | 25,150,046 | (5) | SC/SEQ/AD | FLT/DLY | April 2034 | 38374H KJ8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JZ | 9,775,207 | 6.0 | SC/SEQ | FIX/Z | April 2034 | 38374H KN9 |
| SE(1) | 6,287,512 | (5) | SC/SEQ/AD | INV/DLY | April 2034 | 38374H KK5 |
| TF(1) | 25,150,046 | (5) | NTL (SC/SEQ/AD) | INV/IO/DLY | April 2034 | 38374H |
| TI(1) | 25,150,046 | (5) | NTL (SC/SEQ/AD) | INV/IO/DLY | April 2034 | 38374H |

## Security Group 3

| DA(1) | 50,000,000 | 4.5 | SEQ | FIX | August 2028 38374H KP4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| DC(1) | 26,513,000 | 5.5 | SEQ | FIX | April 2032 38374H KQ2 |
| FC(1) | 25,000,000 | (5) | SEQ | FLT | August 2028 38374H KV1 |
| SA(1) | 25,000,000 | (5) | NTL (SEQ) | INV/IO | August 2028 38374H KW9 |
| ST(1) | 25,000,000 | (5) | NTL (SEQ) | INV/IO | August 2028 38374H KX7 |
| TS(1) | 25,000,000 | (5) | NTL (SEQ) | INV/IO | August 2028 38374H KY5 |
| VA(1) | 6,194,000 | 5.5 | AD/SEQ | FIX | June 2015 38374H KR0 |
| VB(1) | 7,204,000 | 5.5 | SEQ/AD | FIX | February 2023 38374H KS8 |
| Z(1) | 7,587,978 | 5.5 | SEQ | FIX/Z | July 2034 38374H KT6 |
| Residual |  |  |  |  |  |
| RR | 0 | 0.0 | NPR | NPR | July 2034 38374H KU3 |

[^5]
## 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: Bear, Stearns \& Co. Inc.
Trustee: U.S. Bank National Association
Tax Administrator: The Trustee
Closing Date: July 30, 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 August 2004.

## Trust Assets:

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

(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 3 Trust Assets(1):

| Principal <br> Balance(2) |
| :---: |
| $\$ 122,498,978$ |


(1) As of July 1, 2004.
(2) Does not include the Group 3 Trust Assets that will be added to pay the Trustee Fee.
(3) The Mortgage Loans underlying the Group 3 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 underlying the Group 3 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) | $\begin{array}{c}\text { Minimum } \\ \text { Rate }\end{array}$ <br> $0.40 \%$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FA | LIBOR + 0.40\% | 1.79000\% | 0.40\% | 7.50\% | 0 | 0.00\% |
| FB | LIBOR + 0.35\% | 1.74000\% | 0.35\% | 7.50\% | 0 | 0.00\% |
| FC | LIBOR + 0.30\% | 1.69000\% | 0.30\% | 7.50\% | 0 | 0.00\% |
| FD | LIBOR + 0.75\% | 2.04125\% | 0.75\% | 7.50\% | 19 | 0.00\% |
| FE | LIBOR + 0.85\% | 2.14100\% | 0.85\% | 7.50\% | 19 | 0.00\% |
| JF | LIBOR + 0.80\% | 2.09125\% | 0.80\% | 7.50\% | 19 | 0.00\% |
| JS | 26.80\% - (LIBOR x 4.00) | 21.63500\% | 0.00\% | 26.80\% | 19 | 6.70\% |
| SA | 7.10\% - LIBOR | 5.71000\% | 0.00\% | 7.10\% | 0 | 7.10\% |
| SB | 7.15\% - LIBOR | 5.76000\% | 0.00\% | 7.15\% | 0 | 7.15\% |
| SC | 7.20\% - LIBOR | 5.81000\% | 0.00\% | 7.20\% | 0 | 7.20\% |
| SD | 27.00\% - (LIBOR x 4.00) | 21.83500\% | 0.00\% | 27.00\% | 19 | 6.75\% |
| SE | 26.60\% - (LIBOR x 4.00) | 21.43500\% | 0.00\% | 26.60\% | 19 | 6.65\% |
| ST | 7.20\% - LIBOR | 0.05000\% | 0.00\% | 0.05\% | 0 | 7.20\% |
| TF | 6.75\% - LIBOR | 0.05000\% | 0.00\% | 0.05\% | 19 | 6.75\% |
| TI | 6.70\% - LIBOR | 0.05000\% | 0.00\% | 0.05\% | 19 | 6.70\% |
| TS | 7.15\% - LIBOR | 0.05000\% | 0.00\% | 0.05\% | 0 | 7.15\% |

(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:

## SECURITY GROUP 1

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

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

1. To AC, until retired
2. To ZA, until retired

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

1. To AB, until reduced to its Scheduled Principal Balance for that Distribution Date
2. Sequentially, to AC and ZA , in that order, until retired
3. Concurrently, to AD and AO , pro rata, until retired
4. To AB, without regard to its Scheduled Principal Balances, until retired

## SECURITY GROUP 2

The Group 2 Principal Distribution Amount and the JZ Accrual Amount will be allocated as follows:

1. Concurrently, to FD and SE, pro rata, until retired
2. To JZ, until retired

## 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 Z Accrual Amount will be allocated as follows:

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

1. Sequentially, to VA and VB, in that order, until retired
2. To $Z$, until retired

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

1. Concurrently, to DA and FC, pro rata, until retired
2. To DC, until retired
3. Sequentially, to VA, VB and Z, in that order, until retired

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


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 |
| :---: | :---: | :---: |
| AI | \$ 2,952,181 | $18.1818181818 \%$ of AB (SC/PAC Class) |
| CI | 7,859,389 | $25 \%$ of FD and SE (in the aggregate) (SC/SEQ/AD Classes) |
| DI | 4,545,454 | 9.0909090909\% of DA (SEQ Class) |
| IC | 4,820,545 | 18.1818181818\% of DC (SEQ Class) |
| ID | 4,545,454 | $18.1818181818 \%$ of FC (SEQ Class) |
| SA | 25,000,000 | 100\% of FC (SEQ Class) |
| SB | 25,000,000 | 100\% of FC (SEQ Class) |
| SC | 25,000,000 | 100\% of FC (SEQ Class) |
| ST | 25,000,000 | 100\% of FC (SEQ Class) |
| TF | 25,150,046 | 100\% of FD (SC/SEQ/AD Class) |
| TI | 25,150,046 | 100\% of FD (SC/SEQ/AD Class) |
| TS | 25,000,000 | 100\% of FC (SEQ 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 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.

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REMIC Securities

| REMIC Securities |  |
| :---: | :---: |
| Class | Original Class <br> Principal Balance <br> or Class <br> Notional Balance |
| Security Group 1 <br> Combination 1（7） |  |
| AB | $\$ 16,237,000$ |
| Security Group 2 |  |
| Combination 2 |  |
| SE | $6,287,512$ |
| TF | $25,150,046$ |
| TI | $25,150,046$ |
| Combination 3 | $25,150,046$ |
| FD | $25,150,046$ |
| TF |  |
| Combination 4 | $6,287,512$ |
| SE | $25,150,046$ |
| TI | $25,150,046$ |
| Combination 5 | $25,150,046$ |
| FD | $25,150,046$ |
| TF | $25,150,046$ |
| TI | $6,287,512$ |


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| REMIC Securities |  |
| :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance |
| Security Group 3 |  |
| Combination 7 |  |
| VA | \＄6，194，000 |
| VB | 7，204，000 |
| Combination 8 |  |
| VA | 6，194，000 |
| VB | 7，204，000 |
| Z | 7，587，978 |
| Combination 9 |  |
| DC | 26，513，000 |
| VA | 6，194，000 |
| VB | 7，204，000 |
| Z | 7，587，978 |
| Combination 10 |  |
| FC | 25，000，000 |
| ST | 25，000，000 |
| Combination 11 |  |
| FC | 25，000，000 |
| ST | 25，000，000 |
| TS | 25，000，000 |
| Combination 12 |  |
| SA | 25，000，000 |
| TS | 25，000，000 |
| Combination 13 |  |
| SA | 25，000，000 |
| ST | 25，000，000 |
| TS | 25，000，000 |


| REMIC Securities |  |  | MX Securities |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | $\begin{gathered} \text { Related } \\ \text { MX Class } \\ \hline \end{gathered}$ | Maximum Original <br> Class Principal <br> Balance or Class <br> Notional Balance(2) | Principal Type(3) | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | Interest Type(3) | CUSIP <br> Number | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 14 (7) |  |  |  |  |  |  |  |  |
| DA | \$50,000,000 | DG | \$40,909,090 | SEQ | 5.50\% | FIX | 38374H LZ1 | August 2028 |
|  |  | DH | 42,857,142 | SEQ | 5.25 | FIX | 38374H MA5 | August 2028 |
|  |  | DI | 4,545,454 | NTL (SEQ) | 5.50 | FIX/IO | 38374H MB3 | August 2028 |
|  |  | DJ | 45,000,000 | SEQ | 5.00 | FIX | 38374 H MC1 | August 2028 |
|  |  | DK | 47,368,421 | SEQ | 4.75 | FIX | 38374H MD9 | August 2028 |
|  |  | DL | 50,000,000 | SEQ | 4.50 | FIX | 38374 H ME7 | August 2028 |
|  |  | DM | 50,000,000 | SEQ | 4.25 | FIX | 38374H MF4 | August 2028 |
|  |  | DN | 50,000,000 | SEQ | 4.00 | FIX | 38374H MG2 | August 2028 |
|  |  | OD | 9,090,910 | SEQ | 0.00 | PO | 38374H MH0 | August 2028 |
| Combination 15 (7) |  |  |  |  |  |  |  |  |
| DC | 26,513,000 | DP | 26,513,000 | SEQ | 5.25 | FIX | 38374H MJ6 | April 2032 |
|  |  | DT | 26,513,000 | SEQ | 4.75 | FIX | 38374H MK3 | April 2032 |
|  |  | DU | 26,513,000 | SEQ | 4.50 | FIX | 38374H ML1 | April 2032 |
|  |  | DV | 26,513,000 | SEQ | 5.00 | FIX | 38374H MM9 | April 2032 |
|  |  | IC | 4,820,545 | NTL (SEQ) | 5.50 | FIX/IO | 38374H MN7 | April 2032 |
| Combination 16 (7) ${ }^{\text {( }}$ |  |  |  |  |  |  |  |  |
| FA (5) | 25,000,000 | EA | 20,833,333 | SEQ | 9.00 | FIX | 38374H MP2 | August 2028 |
| SA | 25,000,000 | EB | 21,428,571 | SEQ | 8.75 | FIX | 38374H MQ0 | August 2028 |
|  |  | EC | 22,058,823 | SEQ | 8.50 | FIX | 38374H MR8 | August 2028 |
|  |  | ED | 22,727,272 | SEQ | 8.25 | FIX | 38374H MS6 | August 2028 |
|  |  | EG | 23,437,500 | SEQ | 8.00 | FIX | 38374H MT4 | August 2028 |
|  |  | EH | 24,193,548 | SEQ | 7.75 | FIX | 38374H MU1 | August 2028 |
|  |  | EJ | 25,000,000 | SEQ | 7.50 | FIX | 38374H MV9 | August 2028 |
|  |  | EK | 25,000,000 | SEQ | 7.00 | FIX | 38374H MW7 | August 2028 |
|  |  | EL | 25,000,000 | SEQ | 6.75 | FIX | 38374H MX5 | August 2028 |
|  |  | EM | 25,000,000 | SEQ | 6.50 | FIX | 38374H MY3 | August 2028 |
|  |  | EO | 4,166,667 | SEQ | 0.00 | PO | 38374H MZ0 | August 2028 |
|  |  | ID | 4,545,454 | NTL (SEQ) | 5.50 | FIX/IO | 38374H NA4 | August 2028 |

# Government National Mortgage Association 

GINNIE MAE ${ }^{\circledR}$<br>Guaranteed REMIC Pass-Through Securities<br>and MX Securities<br>Ginnie Mae REMIC Trust 2004-037

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 (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.

## Bear, Stearns \& Co. Inc. Utendahl Capital Partners, L.P.

The date of this Offering Circular Supplement is May 24, 2004.

## Ginnie Mae REMIC Trust 2004-037

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.

| $\begin{aligned} & \text { Class of } \\ & \text { REMIC } \\ & \text { Securities } \end{aligned}$ | $\begin{gathered} \text { Original } \\ \text { Principal } \\ \text { Balance(2) } \end{gathered}$ | Interest Rate | Principal <br> Type(3) | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \end{aligned}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ | CUSIP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| A(1) | \$19,902,627 | 6.0\% | SC/SEQ | FIX | April 2034 | 38374G RZ 7 |
| B(1) | 19,902,626 | 6.0 | SC/SEQ | FIX | April 2034 | 38374G SA 1 |
| OA(1) | 3,618,660 | 0.0 | SC/PT | PO | April 2034 | 38374G SH 6 |

## Security Group 2

| CF(1) | 22,048,800 | (5) | SUP | FLT/DLY | August 2031 | 38374G SB 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CS(1) | 5,512,200 | (5) | SUP | INV/DLY | August 2031 | 38374G SC 7 |
| FC(1) | 5,377,600 | (5) | SUP | FLT/DLY | March 2032 | 38374G SD 5 |
| FM | 25,000,000 | (5) | PAC | FLT | November 2033 | 38374G SE 3 |
| HB(1) | 13,186,000 | 6.0 | SUP | FIX | March 2033 | 38374G SL 7 |
| HC(1) | 17,827,794 | 6.0 | SUP | FIX | May 2034 | 38374G SM 5 |
| $\mathrm{HO}(1)$ | 5,936,073 | 0.0 | SUP | PO | May 2034 | 38374G SN 3 |
| PB | 100,000,000 | 5.0 | PAC | FIX | November 2033 | 38374G SP 8 |
| PE | 8,961,000 | 5.5 | PAC | FIX | May 2034 | 38374G SQ 6 |
| SC(1) | 1,344,400 | (5) | SUP | INV/DLY | March 2032 | 38374G SF 0 |
| SM | 25,000,000 | (5) | NTL (PAC) | INV/IO | November 2033 | 38374G SG 8 |
| Security Group 3 |  |  |  |  |  |  |
| JA(1) | 22,075,000 | 6.0 | SC/SEQ | FIX | April 2034 | 38374G XM 9 |
| JB(1) | 22,075,645 | 6.0 | SC/SEQ | FIX | April 2034 | 38374G XN 7 |
| $\mathrm{PO}(1)$ | 4,013,696 | 0.0 | SC/PT | PO | April 2034 | 38374G SJ 2 |
| Residual |  |  |  |  |  |  |
| RR | 0 | 0.0 | NPR | NPR | May 2034 | 38374G SK 9 |

[^6]
## 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: Bear, Stearns \& Co. Inc.
Trustee: U.S. Bank National Association
Tax Administrator: The Trustee
Closing Date: May 28, 2004
Distribution Dates: For the Group 1 Securities, the 17th day of each month or, if the 17th day is not a Business Day, the first Business Day thereafter, commencing in June 2004. For the Group 2 and Group 3 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:

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

[^7]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 Trust Assets(1):

$\left.\begin{array}{ccccc}\begin{array}{c}\text { Principal } \\ \text { Balance(2) }\end{array} & \begin{array}{c}\text { Weighted Average } \\ \text { Group 2 Trust Assets } \\ \text { Remaining Term to } \\ \text { Maturity (in months) }\end{array} & & \begin{array}{c}\text { Weighted Average } \\ \text { Loan Age } \\ \text { (in months) }\end{array} & \end{array} \begin{array}{c}\text { Weighted } \\ \text { Average } \\ \text { Mortgage Rate(3) }\end{array}\right)$
(1) As of May 1, 2004.
(2) Does not include the Group 2 Trust Assets that will be added to pay the Trustee Fee.
(3) The Mortgage Loans underlying the Group 2 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 underlying the Group 2 Trust Assets will differ from the weighted average 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 BookEntry 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 onemonth LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate Formula(1) | Initial <br> Interest <br> Rate(2) | $\begin{aligned} & \text { Minimum } \\ & \text { Rate } \end{aligned}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CF | LIBOR + 0.80\% | 1.90\% | 0.80\% | 7.50\% | 19 | 0.0000\% |
| CS | 26.80\% - (LIBOR x 4.00) | 22.40\% | 0.00\% | 26.80\% | 19 | 6.7000\% |
| DF | LIBOR + 0.80\% | 1.90\% | 0.80\% | 7.50\% | 19 | 0.0000\% |
| DS | 26.80\% - (LIBOR x 4.00) | 22.40\% | 0.00\% | 26.80\% | 19 | 6.7000\% |
| FC | LIBOR + 0.80\% | 1.90\% | 0.80\% | 7.50\% | 19 | 0.0000\% |
| FM | LIBOR + 0.35\% | 1.45\% | 0.35\% | 7.50\% | 0 | 0.0000\% |
| SC | 26.80\% - (LIBOR x 4.00) | 22.40\% | 0.00\% | 26.80\% | 19 | 6.7000\% |
| SM | 7.15\% - LIBOR | 6.05\% | 0.00\% | 7.15\% | 0 | 7.1500\% |

(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 as follows:

1. Concurrently:
a. $8.3333346767 \%$ to OA, until retired
b. $91.6666653233 \%$ to A and B, in that order, 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") 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. To FM and PB, pro rata, until retired
b. To PE, until retired
2. Concurrently:
a. $8.3333343862 \%$ to HO , until retired
b. $91.6666656138 \%$, in the following order of priority:
i. To CF and CS, pro rata, until retired
ii. To FC and SC, pro rata, until retired
iii. To HB and HC, in that order, 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, until retired.

## SECURITY GROUP 3

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

1. Concurrently:
a. $8.3333352365 \%$ to PO, until retired
b. $91.6666647635 \%$ to JA and JB, in that order, until retired

Scheduled Principal Balances: The 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 Range:

$$
\mathrm{FM}, \mathrm{~PB} \text { and } \mathrm{PE}\left(\frac{\text { Class }}{\text { in the aggregate })} \ldots \ldots . \quad \frac{\text { Structuring Range }}{}\right.
$$

Notional Class: The Notional Class will not receive distributions of principal but has a Class Notional Balance for convenience in describing its entitlement to interest. The Class Notional Balance of the Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balance indicated:

$\frac{\text { Class }}{\text { SM } \ldots \ldots \ldots \ldots \ldots \ldots} \quad$| Original Class <br> Notional Balance |
| :---: |
| $\$ 25,000,000$ |$\frac{\text { Represents Approximately }}{100 \% \text { of FM (PAC Class) }}$

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 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.



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| Available Combinations(1) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REMIC Securities |  | MX Securities |  |  |  |  |  |  |
| Class | Original Class Principal Balance | Related MX Class | Maximum Original Class Principal Balance(2) | Principal Type(3) | Interest Rate | Interest Type(3) | $\underset{\text { Number }}{\text { CUSIP }}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 9 |  |  |  |  |  |  |  |  |
| CF | 22,048,800 | CA | \$71,232,867 | SUP | 5.50\% | FIX | 38374G SZ 6 | May 2034 |
| CS | 5,512,200 |  |  |  |  |  |  |  |
| FC | 5,377,600 |  |  |  |  |  |  |  |
| HB | 13,186,000 |  |  |  |  |  |  |  |
| HC | 17,827,794 |  |  |  |  |  |  |  |
| HO | 5,936,073 |  |  |  |  |  |  |  |
| SC | 1,344,400 |  |  |  |  |  |  |  |
| Combination 10 |  |  |  |  |  |  |  |  |
| CF | 22,048,800 | MD | 47,469,000 | SUP | 6.00 | FIX | 38374G TA 0 | March 2033 |
| CS | 5,512,200 |  |  |  |  |  |  |  |
| FC | 5,377,600 |  |  |  |  |  |  |  |
| HB | 13,186,000 |  |  |  |  |  |  |  |
| SC | 1,344,400 |  |  |  |  |  |  |  |
| Combination 11 |  |  |  |  |  |  |  |  |
| CF | 22,048,800 | ME | 65,296,794 | SUP | 6.00 | FIX | 38374G TB 8 | May 2034 |
| CS | 5,512,200 |  |  |  |  |  |  |  |
| FC | 5,377,600 |  |  |  |  |  |  |  |
| HB | 13,186,000 |  |  |  |  |  |  |  |
| HC | 17,827,794 |  |  |  |  |  |  |  |
| SC | 1,344,400 |  |  |  |  |  |  |  |
| Security Group 3 |  |  |  |  |  |  |  |  |
| Combination 12 |  |  |  |  |  |  |  |  |
| JA | 22,075,000 | JC | 44,150,645 | SC/PT | 6.00 | FIX | 38374G TC 6 | April 2034 |
| JB | 22,075,645 |  |  |  |  |  |  |  |
| Combination 13 |  |  |  |  |  |  |  |  |
| JA | $22,075,000$ | JD | 48,164,341 | SC/PT | 5.50 | FIX | 38374G TD 4 | April 2034 |
| JB | 22,075,645 |  |  |  |  |  |  |  |
| PO | 4,013,696 |  |  |  |  |  |  |  |
| Combination 14 |  |  |  |  |  |  |  |  |
| JA | 22,075,000 | JE | 46,070,238 | SC/PT | 5.75 | FIX | 38374G TE 2 | April 2034 |
| JB | 22,075,645 |  |  |  |  |  |  | April 2034 |
| PO | 1,919,593 |  |  |  |  |  |  |  |

[^8]
# \$949,639,633 

# Government National Mortgage Association 

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

Guaranteed REMIC Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2004-022

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-8 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 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.

## Bear, Stearns \& Co. Inc. Utendahl Capital Partners, L.P.

The date of this Offering Circular Supplement is April 26, 2004.

## Ginnie Mae REMIC Trust 2004-022

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 Balance(2) | Interest Rate | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | Final Distribution Date(4) | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| FB | \$62,000,000 | (5) | PAC/AD | FLT | April 2034 | 38374G DJ 8 |
| FC | 20,000,000 | (5) | PAC/AD | FLT | April 2034 | 38374G DK 5 |
| PB | 504,334 | 5.50\% | PAC/AD | FIX | April 2034 | 38374G DL 3 |
| PC | 123,000,000 | 4.50 | PAC/AD | FIX | April 2034 | 38374G DM 1 |
| SB | 82,000,000 | (5) | NTL (PAC/AD) | INV/IO | April 2034 | 38374G DN 9 |
| SU | 20,000,000 | (5) | NTL (PAC/AD) | INV/IO | April 2034 | 38374G DP 4 |
| ZD(1) | 1,000,000 | 5.50 | SUP/AD | FIX/Z | April 2024 | 38374G DQ 2 |
| ZE(1) | 45,662,522 | 5.50 | SUP | FIX/Z | April 2034 | 38374G DR 0 |
| Security Group 2 |  |  |  |  |  |  |
| AZ | 697,472 | 5.50 | SEQ | FIX/Z | April 2034 | 38374G DS 8 |
| BA | 2,000,000 | 3.50 | PAC/AD | FIX | April 2034 | 38374G DT 6 |
| BK(1) | 114,754,547 | 3.47 | PAC/AD | FIX | April 2034 | 38374G DU 3 |
| FG(1) | 104,928,408 | (5) | TAC/AD | FLT | April 2034 | 38374G DV 1 |
| FL(1) | 46,313,886 | (5) | PAC/AD | FLT | April 2034 | 38374G DW 9 |
| FM(1) | 111,325,567 | (5) | PAC/AD | FLT | April 2034 | 38374G DX 7 |
| FT(1) | 124,569,308 | (5) | TAC/AD | FLT | April 2034 | 38374G DY 5 |
| IO | 103,694 | 4.75 | NTL (PAC/AD) | FIX/IO | April 2034 | 38374G DZ 2 |
| OA(1) | 7,162,735 | 0.0 | TAC/AD | PO | April 2034 | 38374G EA 6 |
| $\mathrm{PO}(1)$ | 9,965,545 | 0.0 | TAC/AD | PO | April 2034 | 38374G EB 4 |
| S(1) | 7,162,735 | (5) | NTL (TAC/AD) | INV/IO | April 2034 | 38374G EC 2 |
| SG(1) | 104,928,408 | (5) | NTL (TAC/AD) | INV/IO | April 2034 | 38374G ED 0 |
| SH | 125,000,000 | (5) | TAC/AD | INV | April 2034 | 38374G EE 8 |
| SJ(1) | 157,639,453 | (5) | NTL (PAC/AD) | INV/IO | April 2034 | 38374G EF 5 |
| SN(1) | 9,965,545 | (5) | NTL (TAC/AD) | INV/IO | April 2034 | 38374G EG 3 |
| TS(1) | 46,313,886 | (5) | NTL (PAC/AD) | INV/IO | April 2034 | 38374G EH 1 |
| ZA(1) | 1,055,954 | 5.50 | SUP/AD | FIX/Z | January 2030 | 38374 GEJ 7 |
| ZB(1) | 49,629,803 | 5.50 | SUP/AD | FIX/Z | April 2034 | 38374G EK 4 |
| ZC | 69,552 | 4.91 | TAC/AD | FIX/Z | April 2034 | 38374G EL 2 |
| Residual |  |  |  |  |  |  |
| RR | 0 | 0.0 | NPR | NPR | April 2034 | 38374G EM 0 |

[^9]
## 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: Bear, Stearns \& Co. Inc.
Trustee: U.S. Bank National Association
Tax Administrator: The Trustee
Closing Date: April 30, 2004
Distribution Dates: For the Group 1 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. For the 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 May 2004.

## Trust Assets:

| Trust Asset Group | Trust Asset Type | Certificate Rate |  | Original Term <br> To Maturity <br> (in years) |
| :---: | :---: | :---: | :---: | :---: |
|  | Ginnie Mae I | $5.5 \%$ | 30 |  |
| 2 | 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):

(1) As of April 1, 2004.
(2) Does not include the Trust Assets that will be added to pay the Trustee Fee.
(3) The Mortgage Loans underlying the Group 2 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 Trust Assets, 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 BookEntry 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 onemonth LIBOR (hereinafter referred to as "LIBOR") as follows:

| Class | Interest Rate Formula(1) | Initial <br> Interest <br> Rate(2) | $\underset{\text { Rate }}{\text { Minimum }}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \begin{array}{c} \text { Delay } \\ \text { (in days) } \end{array} \\ \hline \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AS | 105.00\% - (LIBOR x 17.50) | 8.7500000\% | 0.00\% | 8.75000000\% | 0 | 6.0000\% |
| BS | 108.00\% - (LIBOR x 18.00) | 9.0000000\% | 0.00\% | 9.00000000\% | 0 | 6.0000\% |
| CS | 111.00\% - (LIBOR x 18.50) | 9.2500000\% | 0.00\% | 9.25000000\% | 0 | 6.0000\% |
| DS | 114.00\% - (LIBOR x 19.00) | 9.5000000\% | 0.00\% | 9.50000000\% | 0 | 6.0000\% |
| ES | $117.00 \%$ - (LIBOR x 19.50) | 9.7500000\% | 0.00\% | 9.75000000\% | 0 | 6.0000\% |
| FB | LIBOR + 0.35\% | 1.4400000\% | 0.35\% | 7.00000000\% | 0 | 0.0000\% |
| FC | LIBOR + 0.30\% | 1.3900000\% | 0.30\% | 7.00000000\% | 0 | 0.0000\% |
| FG | LIBOR + 0.40\% | 1.5000000\% | 0.40\% | 7.00000000\% | 0 | 0.0000\% |
| FH | LIBOR + 0.40\% | 1.5000000\% | 0.40\% | 7.00000000\% | 0 | 0.0000\% |
| FJ | LIBOR + 0.40\% | 1.5000000\% | 0.40\% | 7.00000000\% | 0 | 0.0000\% |
| FL | LIBOR + 0.30\% | 1.4000000\% | 0.30\% | 7.00000000\% | 0 | 0.0000\% |
| FM | LIBOR + 0.40\% | 1.5000000\% | 0.40\% | 7.00000000\% | 0 | 0.0000\% |
| FT | LIBOR + 0.40\% | 1.5000000\% | 0.40\% | 7.00000000\% | 0 | 0.0000\% |
| GS | $120.00 \%$ - (LIBOR x 20.00) | 10.0000000\% | 0.00\% | 10.00000000\% | 0 | 6.0000\% |
| S | $104.347829 \%$ - (LIBOR x 17.3913049) | 8.6956522\% | 0.00\% | 8.69565220\% | 0 | 6.0000\% |
| SB | 6.65\% - LIBOR | 5.5600000\% | 0.00\% | 6.65000000\% | 0 | 6.6500\% |
| SE | 6.60\% - LIBOR | 5.5000000\% | 0.00\% | 6.60000000\% | 0 | 6.6000\% |
| SG | 6.60\% - LIBOR | 5.5000000\% | 0.00\% | 6.60000000\% | 0 | 6.6000\% |
| SH | 8.98104953\% - (LIBOR x 0.99655446 ) | 7.8848396\% | 3.50\% | 8.98104953\% | 0 | 5.5000\% |
| SI | 48.00\% - (LIBOR x 7.2727272) | 8.0000000\% | 0.00\% | 8.00000000\% | 0 | 6.6000\% |
| SJ | 6.60\% - LIBOR | 5.5000000\% | 0.00\% | 6.60000000\% | 0 | 6.6000\% |
| SL | 104.347829\% - (LIBOR x 17.3913049) | 8.6956522\% | 0.00\% | 8.69565220\% | 0 | 6.0000\% |
| SM | 82.50\% - (LIBOR x 12.50) | 7.5000000\% | 0.00\% | 7.50000000\% | 0 | 6.6000\% |
| SN | 82.50\% - (LIBOR x 12.50) | 7.5000000\% | 0.00\% | $7.50000000 \%$ | 0 | 6.6000\% |
| SP | 85.25\% - (LIBOR x 12.9166666 ) | 7.7500000\% | 0.00\% | $7.75000000 \%$ | 0 | 6.6000\% |
| SU | 6.70\% - LIBOR | 0.0500000\% | 0.00\% | 0.05000000\% | 0 | 6.7000\% |
| SW | 88.00\% - (LIBOR x 13.3333333) | 8.0000000\% | 0.00\% | 8.00000000\% | 0 | 6.6000\% |
| SX | 90.75\% - (LIBOR x 13.75) | 8.2500000\% | 0.00\% | 8.25000000\% | 0 | 6.6000\% |
| SY | 93.50\% - (LIBOR x 14.1666667) | 8.5000000\% | 0.00\% | 8.50000000\% | 0 | 6.6000\% |
| TS | 6.70\% - LIBOR | 0.1000000\% | 0.00\% | 0.10000000\% | 0 | 6.7000\% |

(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 ZD and ZE Accrual Amounts will be allocated as follows:

- The ZE Accrual Amount, while ZD is outstanding, in the following order of priority:

1. Concurrently, to FB, FC and PC, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To PB, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to ZD and ZE, in that order, until retired

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

1. Concurrently, to FB, FC and PC, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To PB, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to ZD and ZE, in that order, until retired
4. Concurrently, to FB, FC and PC, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
5. To PB, without regard to its Scheduled Principal Balance, until retired

## SECURITY GROUP 2

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

- The ZB Accrual Amount, while ZA is outstanding, in the following order of priority:

1. To the TAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, concurrently, in the following order of priority:
a. $28.2296649945 \%$ to FG, until retired
b. $71.7703350055 \%$ in the following order of priority:
(i) Concurrently, to FT, OA, PO, and SH, pro rata, until retired
(ii) To ZC, until retired
2. Sequentially, to ZA and ZB , in that order, until retired

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

1. Concurrently, to FT, OA, PO, and SH, pro rata, until retired
2. To ZC, until retired

- The Group 2 Principal Distribution Amount and the AZ Accrual Amount and, beginning in Step 2, the ZA Accrual Amount in the following order of priority:

1. Concurrently, to BA, BK, FL and FM, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To the TAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, concurrently, in the following order of priority:
a. $28.2296649945 \%$ to FG , until retired
b. $71.7703350055 \%$ in the following order of priority:
(i) Concurrently, to FT, OA, PO and SH , pro rata, until retired
(ii) To ZC, until retired
3. Sequentially, to ZA and ZB , in that order, until retired
4. To the TAC Classes, without regard to their Aggregate Scheduled Principal Balances, until retired
5. Concurrently, to BA, BK, FL and FM, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
6. To AZ, 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 | Structuring Ranges or Rate |
| :---: | :---: |
| $\mathrm{FB}, \mathrm{FC}$ and PC (in the aggregate) | 450\% PSA through 550\% PSA |
| PB | 450\% PSA through 550\% PSA |
| BA, BK, FL and FM (in the aggregate) | 100\% PSA through 400\% PSA |
| $\begin{aligned} & \text { FG, FT, OA, PO, SH and ZC } \\ & \text { (in the aggregate) . . . . . . } \end{aligned}$ | 425\% 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 |
| :---: | :---: | :---: |
| BI | \$ 20,238,529 | $17.6363636364 \%$ of BK (PAC/AD Class) |
| IO | 103,694 | $0.0377905233 \%$ of BA, BK FL and FM (in the aggregate) (PAC/AD Classes) |
| S | 7,162,735 | 100\% of OA (TAC/AD Class) |
| SB | 82,000,000 | $100 \%$ of FB and FC (in the aggregate) (PAC/AD Classes) |
| SE | 262,567,861 | $100 \%$ of FL, FG and FM (in the aggregate) (PAC/TAC/AD Classes) |
| SG | 104,928,408 | 100\% of FG (TAC/AD Class) |
| SJ | 157,639,453 | 100\% of FL and FM (in the aggregate) (PAC/AD Classes) |
| SN | 9,965,545 | 100\% of PO (TAC/AD Class) |
| SU | 20,000,000 | 100\% of FC (PAC/AD Class) |
| TS | 46,313,886 | 100\% of FL (PAC/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 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.

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|  |  |  | $\begin{aligned} & \text { W } \\ & \text { C } \\ & \text { N } \\ & \underset{C}{c} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{0} \\ & \stackrel{N}{2} \\ & \stackrel{\rightharpoonup}{c} \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \text { N } \\ & \text { N } \\ & \text { d } \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \stackrel{\text { N }}{2} \\ & \stackrel{\rightharpoonup}{c} \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \text { N } \\ & \text { T } \\ & \text { dut } \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \text { N } \\ & \underset{\sim}{c} \\ & \stackrel{\rightharpoonup}{c} \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \text { N } \\ & \underset{\sim}{c} \\ & \stackrel{\rightharpoonup}{c} \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \text { N } \\ & \text { N } \\ & \text { d } \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \stackrel{N}{C} \\ & \underset{\sim}{c} \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \stackrel{N}{C} \\ & \underset{\sim}{c} \end{aligned}$ | $\begin{aligned} & \text { W } \\ & \stackrel{y}{c} \\ & \stackrel{\rightharpoonup}{2} \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \infty \\ & \underset{i n}{\infty} \\ & \underset{U}{甘} \\ & \underset{\sim}{\infty} \\ & \underset{\sim}{\infty} \end{aligned}$ | $m$ $y$ 0 0 $\vdots$ $\infty$ $m$ | $\begin{aligned} & \bar{O} \\ & \text { I } \\ & \underset{\sim}{\underset{O}{\infty}} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{2} \\ & \underset{I}{y} \\ & \underset{\sim}{d} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \hat{N} \\ & \underset{y}{1} \\ & \underset{\sim}{+} \\ & \underset{\sim}{\infty} \end{aligned}$ | $$ | $\begin{aligned} & \text { N } \\ & \underset{y}{\mid} \\ & \underset{\sim}{甘} \\ & \underset{\sim}{\infty} \end{aligned}$ |  | $\begin{aligned} & \infty \\ & 3 \\ & 3 \\ & \underset{y}{3} \\ & \underset{\sim}{4} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & 0 \\ & \underset{y}{x} \\ & \underset{y}{\underset{\sim}{\infty}} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \dot{+} \\ & \underset{y}{~} \\ & \underset{\sim}{\underset{\sim}{\infty}} \\ & \underset{\sim}{\infty} \end{aligned}$ |  |
|  |  | $\begin{aligned} & \underset{\sim}{x} \\ & \underset{I}{x} \end{aligned}$ | 忘 | Z | Z | 之 | 忘 | 爫 | 录 | 之 | 忘 | 忘 | 亥 |
|  |  | $\begin{aligned} & \text { of } \\ & \text { in } \end{aligned}$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  | $\stackrel{\ddots}{6}$ |  | $\begin{aligned} & \underset{U}{\mathbb{U}} \\ & \stackrel{4}{4} \end{aligned}$ | $\begin{aligned} & \stackrel{i}{\mathbb{U}} \\ & \stackrel{4}{4} \end{aligned}$ |  |  |  |  | $\stackrel{e}{\underset{U}{U}}$ | $\begin{aligned} & \text { ê } \\ & \underset{甘}{U} \end{aligned}$ |  | $\begin{aligned} & \text { è } \\ & \frac{1}{U} \\ & ! \end{aligned}$ |
|  |  |  |  | $\begin{aligned} & n \\ & 0 \\ & \underset{G}{G} \\ & o \end{aligned}$ | $\begin{aligned} & \stackrel{\infty}{\underset{O}{2}} \\ & \stackrel{\rightharpoonup}{\mathrm{H}} \\ & \underset{\sim}{2} \end{aligned}$ |  | $\begin{aligned} & \hat{I} \\ & \underset{\infty}{\infty} \\ & \end{aligned}$ | $\begin{aligned} & \text { n } \\ & \text { त̈ } \\ & \underset{\sim}{n} \end{aligned}$ |  | $\begin{aligned} & 0 \\ & \text { n } \\ & \text { ì } \\ & \text { ô } \end{aligned}$ | $\begin{aligned} & \text { n} \\ & \underset{\sim}{\sigma} \\ & \underset{\sim}{n} \end{aligned}$ | $\infty$ तु 气． n 0 | $\begin{aligned} & \underset{\sim}{0} \\ & \underset{\infty}{\infty} \\ & \overbrace{0}^{\infty} \end{aligned}$ |
|  |  | $๓$ | $\sum$ | － | 3 | $\stackrel{\sim}{*}$ | $\cdots$ | $\stackrel{\rightharpoonup}{6}$ | \％ | ๙ | $\vartheta$ | ヘ | 氠 |


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| Available Combinations(1) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REMIC Securities |  | MX Securities |  |  |  |  |  |  |
| Class | Original Class Principal Balance or Class Notional Balance | $\begin{aligned} & \text { Related } \\ & \text { MX Class } \\ & \hline \end{aligned}$ | Maximum Original Class Principal Balance or Class Notional Balance(2) | Principal Type(3) | Interest Rate | Interest Type(3) | $\begin{aligned} & \text { CUSIP } \\ & \text { Number } \end{aligned}$ | Final <br> Distribution <br> Date(4) |
| Combination 13 |  |  |  |  |  |  |  |  |
| OA | 6,228,464 | GS | 6,228,464 | TAC/AD | (5) | INV | 38374G FA 5 | April 2034 |
| S | 7,162,735 |  |  |  |  |  |  |  |
| Combination 14 |  |  |  |  |  |  |  |  |
| OA | 7,162,735 | SI | 17,128,280 | TAC/AD | (5) | INV | 38374G FB 3 | April 2034 |
| PO | 9,965,545 |  |  |  |  |  |  |  |
| S | 7,162,735 |  |  |  |  |  |  |  |
| SN | 9,965,545 |  |  |  |  |  |  |  |
| Combination 15 |  |  |  |  |  |  |  |  |
| ZA | 1,055,954 | C | 50,685,757 | SUP/AD | 5.50 | FIX/Z | 38374G FC 1 | April 2034 |
| ZB | 49,629,803 |  |  |  |  |  |  |  |
| Combination 16 |  |  |  |  |  |  |  |  |
| SG | 104,928,408 | SE | 262,567,861 | NTL | (5) | INV/IO | 38374G FD 9 | April 2034 |
| SJ | 157,639,453 |  |  | (PAC/TAC/AD) |  |  |  |  |
| Combination 17(6) |  |  |  |  |  |  |  |  |
| BK | 114,754,547 |  | 114,754,547 | PAC/AD | 2.50 | FIX | 38374G FE 7 | April 2034 |
|  |  | BE | 114,754,547 | PAC/AD | 2.75 | FIX | 38374G FF 4 | April 2034 |
|  |  | BG | 114,754,547 | PAC/AD | 3.00 | FIX | 38374G FG 2 | April 2034 |
|  |  | BH | $114,754,547$ |  | $3.25$ | FIX | $\text { 38374G FH } 0$ | April 2034 |
|  |  | BI | $20,238,529$ | NTL <br> (PAC/AD) | 5.50 | FIX/IO | 38374G FJ 6 | April 2034 |
| Combination 18 |  |  |  |  |  |  |  |  |
| FL | 46,313,886 | FJ | 46,313,886 | PAC/AD | (5) | FLT | 38374G FK 3 | April 2034 |
| TS | 46,313,886 |  |  |  |  |  |  |  |
| Combination 19 |  |  |  |  |  |  |  |  |
| FG | 104,928,408 | FH | 340,823,283 | PAC/TAC/AD | (5) | FLT | 38374G FL 1 | April 2034 |
| FM | 111,325,567 |  |  |  |  |  |  |  |
| FT | 124,569,308 |  |  |  |  |  |  |  |

[^10]
## \$88,449,191

Government National
Mortgage Association

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

Guaranteed REMIC Pass-Through Securities and MX Securities

Ginnie Mae REMIC Trust 2004-102

OFFERING CIRCULAR SUPPLEMENT
November 19, 2004

Bear, Stearns \& Co. Inc.
Utendahl Capital Partners, L.P.


[^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.

[^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.

[^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]:    * Does not include Trust Assets that will be added to pay the Trustee Fee.
    ** The Mortgage Loans underlying the Group 1 Trust Assets may bear interest at rates ranging from $8.0 \%$ to $9.0 \%$ per annum.

[^4]:    * Determined as described under "Yield, Maturity and Prepayment Considerations" in this Supplement. Prepayments will not occur at any assumed rate shown or at any other constant rate, and the actual Weighted Average Lives of any or all of the Classes are likely to differ from those shown, perhaps significantly.
    ** The information shown for each Notional Class is for illustrative purposes only.
    + MX Class.

[^5]:    (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]:    (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 the 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 the 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.

[^7]:    (1) Certain information regarding the Underlying Certificates is set forth in Exhibits A and B to this Supplement.

[^8]:    (1) All exchanges must comply with minimum denominations restrictions.
    (2) The amount shown for each MX Class represents the maximum Original Class Principal 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.
    (5) The Interest Rate will be calculated as described under "Terms Sheet — Interest Rates" in this Supplement.

[^9]:    (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.

[^10]:    (or original Class Notional Balance) of that Class, assuming it were to be issued
    (3) As defined under "Class Types in Appenix I to the Base Ofrering Circular. (4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
    
    discussion of subcombinations.

