Offering Circular Supplement (To Base Offering Circular dated March 1, 2000)

# \$2,393,074,567

# **Government National Mortgage Association**

# **GINNIE MAE**<sup>®</sup>

Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2001-49



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

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

## **The Securities**

The Trust will issue the classes of securities listed on the inside front cover.

# The Ginnie Mae Guaranty

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

# The Trust and its Assets

The Trust will own Ginnie Mae Certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be October 30, 2001.

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

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

# Goldman, Sachs & Co.

# Jackson Securities Inc.

The date of this Offering Circular Supplement is October 23, 2001.

#### Ginnie Mae REMIC Trust 2001-49

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

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	Final Distribution Date(4)	CUSIP Number
Security Group						
1						
Α	\$1,700,000,000	7.0%	SEQ	FIX	February 2030	38373RC49
VA	64,750,000	7.0	SEQ/AD	FIX	June 2012	38373RC56
VB	44,466,000	7.0	SEQ/AD	FIX	November 2016	38373RC64
VG(1)	44,417,000	7.0	SEQ/AD	FIX	July 2012	38373RC72
VH(1)	10,842,000	7.0	SEQ/AD	FIX	April 2014	38373RC80
Ζ	58,599,567	7.0	SEQ	FIX/Z	October 2031	38373RC98
ZG(1)	40,000,000	7.0	SEQ	FIX/Z	October 2030	38373RD22
Security Group						
2						
FC(1)	150,000,000	(5)	РТ	FLT	December 2025	38373RD30
SC(1)	150,000,000	(5)	NTL(PT)	INV/IO	December 2025	38373RD48
Security Group						
3						
FL(1)	150,000,000	(5)	ΡT	FLT	May 2030	38373RD55
SL(1)	150,000,000	(5)	NTL(PT)	INV/IO	May 2030	38373RD63
Security Group 4						
FV(1)	130,000,000	(5)	РТ	FLT	December 2028	38373RD71
SV(1)	130,000,000	(5)	NTL(PT)	INV/IO	December 2028	38373RD89
Residual						
R	0	0.0	NPR	NPR	October 2031	38373RD97

(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.

#### **AVAILABLE INFORMATION**

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

- this Supplement and
- the Base Offering Circular.

The Base Offering Circular is available on Ginnie Mae's website located at http://www.ginniemae.gov.

If you do not have access to the internet, call The Chase Manhattan Bank, which will act as information agent for the Trust, at (800) 234-GNMA, to order copies of the Base Offering Circular.

Please consult the description 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:** Goldman, Sachs & Co.

Trustee: Bank One Trust Company, N.A.

Tax Administrator: The Trustee

Closing Date: October 30, 2001

**Distribution Date:** The 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in November 2001.

#### **Trust Assets:**

Trust Asset Group	Trust Asset Type	Certificate Rate	Original Term To Maturity (in years)
1	Ginnie Mae I	7.0%	30
2	Ginnie Mae I	8.0%	30
3	Ginnie Mae I	8.0%	30
4	Ginnie Mae I	8.5%	30

**Security Groups:** This series of Securities consists of multiple Security Groups, as shown on the inside front cover of this Supplement and on Schedule I to this Supplement. Payments on each Security 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<sup>1</sup>:

Principal Balance	Weighted Average Remaining Term to Maturity (in months)	Weighted Average Loan Age (in months)	Mortgage Rate <sup>3</sup>
<b>Group 1 Trust</b> <i>A</i> \$1,963,074,567	Assets 353	5	7.5%
<b>Group 2 Trust</b> A \$ 150,000,000	Assets 244	103	8.5%
<b>Group 3 Trust</b> <i>A</i> \$ 150,000,000	<b>Assets</b> 296	60	8.5%
<b>Group 4 Trust</b> <i>A</i> \$ 130,000,000	Assets 172	179	9.0%

<sup>1</sup> As of October 1, 2001.

The actual remaining terms to maturity and loan ages 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.* 

**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 Class:** Each Class that constitutes an 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 one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

Class	Interest Rate Formula(1)	Initial Interest Rate(2)	Minimum Rate	Maximum Rate	Delay (in days)	LIBOR for Minimum Interest Rate
FC	LIBOR + 0.40%	2.929%	0.40%	8.00%	0	0.00%
FL	LIBOR + 0.40%	2.929%	0.40%	8.00%	0	0.00%
FV	LIBOR + 0.25%	2.779%	0.25%	8.50%	0	0.00%
SC	7.60% – LIBOR	5.071%	0.00%	7.60%	0	7.60%
SL	7.60% – LIBOR	5.071%	0.00%	7.60%	0	7.60%
SV	8.25% - LIBOR	5.721%	0.00%	8.25%	0	8.25%

(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, the Z Accrual Amount and the ZG Accrual Amount will be allocated as follows:

Accretion Directed The Z Accrual Amount, sequentially, to VA, VB and Z, in that order, until retired and Accrual Accretion • The ZG Accrual Amount, sequentially, to VG, VH and ZG, in that order, until Directed and retired Accrual The Group 1 Principal Distribution Amount, sequentially, to A, VG, VH, ZG, VA, Sequential VB and Z, in that order, until retired **SECURITY GROUP 2** Pass The Group 2 Principal Distribution Amount will be allocated to FC, until retired. Through **SECURITY GROUP 3** Pass-The Group 3 Principal Distribution Amount will be allocated to FL, until retired. Through

## **SECURITY GROUP 4**

Pass-Through The Group 4 Principal Distribution Amount will be allocated to FV, until retired.

**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 Balance indicated:

Class	Original Class Notional Balance	Represents
SC	\$150,000,000	100% of FC (PT Class)
SL	\$150,000,000	100% of FL (PT Class)
SV	\$130,000,000	100% of FV (PT Class)

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

**Regular and Residual Classes:** Class R is a Residual Class; 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 bigblights 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's 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 securities may not be a suitable investment for you.* The securities, in particular the interest only inverse floating rate, accrual and residual classes, are not suitable investments for all investors.

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

You will bear the market risks of your investment. The market values of the classes are likely to fluctuate. These fluctuations may be significant and could result in significant losses to you.

The secondary markets for mortgage-related securities have experienced periods of illiquidity and can be expected to do so in the future. Illiquidity can have a severely adverse effect on the prices of classes that are especially sensitive to prepayment or interest rate risk or that have been structured to meet the investment requirements of limited categories of investors.

The residual securities may experience significant adverse tax timing consequences. Accordingly, you are urged to consult tax advisors and to consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. *See "Certain Federal Income Tax Consequences" in this supplement and in the base offering circular.* 

You are encouraged to consult advisors regarding the financial, legal, tax and other aspects of an investment in the securities. You should not purchase the securities of any class unless you understand and are able to bear the prepayment, yield, liquidity and market risks associated with that class. *The actual characteristics of the underlying mortgage loans will affect the weighted average lives and yields of your securities.* The yield and prepayment tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. As a result, the yields on your securities could be lower than you expected, even if the mortgage loans prepay at the constant prepayment rates set forth in the applicable table.

It is highly unlikely that the underlying mortgage loans will prepay at any of the prepayment rates assumed in this supplement, or at any constant prepayment rate.

#### THE TRUST ASSETS

#### General

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

#### The Trust MBS

The Trust MBS are either:

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

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

#### The Mortgage Loans

The Mortgage Loans underlying the 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 Trust Assets" and the general characteristics described in the Base Offering Circular. 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 and loan ages of the Mortgage Loans. However, the actual remaining terms to maturity and loan ages 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

The Trustee will receive a specified amount in payment of its fee (the "Trustee 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 "Ginnie Mae Guaranty"). 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 in book-entry form and may be transferred only on the book-entry system of the MBS Division of The Depository Trust Company (together with any successor, the "Book-Entry Depository"). Ginnie Mae has proposed a conversion from this book-entry system to the book-entry system maintained by the U.S. Federal Reserve Banks. It is anticipated that this conversion will be completed during the second quarter of the calendar year 2002, although there can be no assurance that the conversion will occur as scheduled. *See Ginnie Mae's website at www.ginniemae.gov for more information related to the proposed conversion*. Under either book-entry system, Beneficial Owners of Securities in book-entry form will ordinarily hold these Securities through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations. By request accompanied by the payment of a transfer fee of \$25,000 per physical certificate 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 the following minimum denominations:

Class	Minimum Denomination
SC	\$1,334,000*
SL	\$1,482,000*
SV	\$1,036,000*

\* Notional balance

#### Distributions

Distributions on each Class of Securities will be made on each Distribution Date, as specified under "Terms Sheet — Distribution Date" in this Supplement. On each Distribution Date, the Trustee will distribute the Distribution Amount to 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 (each, a "Record Date"). For Book-Entry Securities, the Trustee will distribute principal and interest to the Book-Entry Depository, and Beneficial Owners will receive distributions through credits to accounts maintained for their benefit on the books and records of appropriate financial intermediaries. *See "Description of the Securities — Distributions" and "— Method of Distributions" in the Base Offering Circular*.

#### **Interest Distributions**

On each Distribution Date, the Interest Distribution Amount will be distributed 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 on 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 on 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:

Classes	Accrual Period
Fixed Rate Classes	The calendar month preceding the related Distribution Date
Floating Rate and Inverse Floating Rate Classes	From the 16th day of the month preceding the month of the related Distribution Date through the 15th day of the month of that Distribution Date

#### Fixed Rate Classes

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

#### Accrual Classes

Each of Class Z and Class ZG is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under "Terms Sheet — Accrual Classes" in 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 gREX or by calling the Information Agent at (800) 234-GNMA.

#### **Principal Distributions**

The Principal Distribution Amount for each Security Group and the Z and ZG Accrual Amounts will be distributed to the Holders entitled thereto as described above under "Terms Sheet — Allocation of Principal." 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. The Class Notional Balances will reduce as shown under "Terms Sheet — Notional Classes" in this Supplement.

#### **Residual Securities**

The Class R Securities will represent the beneficial ownership of the Residual Interest in the Trust REMIC. The Class R Securities have no Class Principal Balance and do not accrue interest. The Class R Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMIC 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 (and any addition to the Class Principal Balance of any Accrual Class) on that Distribution Date (each, a "Class Factor").

- The Class Factor for each Class for the month of issuance is 1.00000000.
- The Class Factor for any Class of Securities for any month following the issuance of the Securities will reflect its remaining Class Principal Balance (or Class Notional Balance) after giving effect to any principal distribution (or addition to principal) to be made on the Distribution Date occurring in that month.
- 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 each month (and Interest Rates), investors in any Class (other than an Accrual Class) can calculate the amount of principal and interest to be distributed to that Class, and investors in any Accrual Class can calculate the total amount of principal to be distributed to (or interest to be added to the Class Principal Balance of) that Class.
- Investors may obtain current Class Factors on gREX.

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 the 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 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 Notional Class 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 REMIC after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

#### **Modification and Exchange**

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

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

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner's Book Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal balance of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee in writing at its Corporate Trust Office Bank One Trust Company, N.A., 153 W. 51<sup>st</sup> Street, 6<sup>th</sup> Floor, New York, New York 10019, Attention: Trust Administrator Ginnie Mae 2001-49. The Trustee may be contacted by telephone at (212) 373-1139 and by fax at (212) 373-1384.

A fee will be payable to the Trustee in connection with each exchange equal to 1/32 of 1% of the outstanding principal balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000). The fee must be paid not later than two business days prior to 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 Class or Classes of 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, Ginnie Mae Issuer advances and, to the extent necessary, proceeds of Ginnie Mae's guaranty of the Ginnie Mae Certificates. As a result, a high level of 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's assets, thereby effecting early retirement of the Securities. *See "Description of the Securities — Termination" in this Supplement.* 

#### **Accretion Directed Classes**

Classes VA, VB, VG and VH are Accretion Directed Classes. The related Accrual Amount will be applied to making principal distributions on those Classes as described in this Supplement.

Because the Accretion Directed Classes are entitled to principal payments in an amount equal to interest accrued on the related Accrual Classes, the Weighted Average Life of that Class cannot exceed its Weighted Average Life as shown in the following table under any prepayment scenario, even a scenario where there are no prepayments.

• Moreover, based on the Modeling Assumptions, if the related Mortgage Loans prepay at any constant rate at or below the rate for an Accretion Directed Class shown in the table below, its Class Principal Balance would be reduced to zero on, but not before, its Final Distribution Date, and its Weighted Average Life would equal its maximum Weighted Average Life.

• However, the Weighted Average Lives of Classes VA, VB, VG and VH will be reduced, and may be reduced significantly, at prepayment speeds higher than the constant rates shown in the table below. *See "Yield, Maturity and Prepayment Considerations — Decrement Tables" in this Supplement.* 

Class	Maximum Weighted Average Life (in Years)	Final Distribution Date	Prepayment Rate at or below
VA	6.0	June 2012	351% PSA
VB	13.0	November 2016	236% PSA
VG	6.0	July 2012	286% PSA
VH	11.6	April 2014	240% PSA

The Mortgage Loans will have characteristics that differ from those of the Modeling Assumptions. Therefore, even if the related Mortgage Loans prepay at a rate at or somewhat below the "at or below" rate shown for any Accretion Directed Class, the Class Principal Balance of that Class could be reduced to zero before its Final Distribution Date, and its Weighted Average Life could be shortened.

#### Assumability

Each Mortgage Loan is subject to assumption 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 following assumptions (the "Modeling Assumptions"), among others:

1. The Mortgage Loans underlying the Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the 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 the Group 1 Trust Assets is assumed to have an original and a remaining term to maturity of 360 months and each Mortgage Loan underlying the Group 2, Group 3 and Group 4 Assets is assumed to have an original term to maturity of 360 months and a remaining term to maturity of 290 months, 343 months and 326 months, respectively.

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 16th day of the month, whether or not a Business Day, commencing in November 2001.

- 4. A termination of the Trust does not occur.
- 5. The Closing Date for the Securities is October 30, 2001.
- 6. No expenses or fees are paid by the Trust.
- 7. 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 16th 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 the Notional Classes are not entitled to distributions of principal and have no weighted average lives. 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

	Security Group 1 PSA Prepayment Assumption Rates																			
	Class A Class B										Class VA						Class V	VB		
Distribution Date	0%	150%	305%	450%	650%	0%	150%	305%	450%	650%	0%	150%	305%	450%	650%	0%	150%	305%	450%	650%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2002	99	95	91	87	82	100	100	100	100	100	93	93	93	93	93	100	100	100	100	100
October 2003	98	86	75	64	51	100	100	100	100	100	86	86	86	86	86	100	100	100	100	100
October 2004	97	76	57	42	25	100	100	100	100	100	79	79	79	79	79	100	100	100	100	100
October 2005	95	67	43	26	9	100	100	100	100	100	71	71	71	71	71	100	100	100	100	100
October 2006	94	58	32	14	0	100	100	100	100	84	62	62	62	62	62	100	100	100	100	100
October 2007	92	51	23	6	0	100	100	100	100	0	53	53	53	53	23	100	100	100	100	100
October 2008	91	44	15	0	0	100	100	100	100	0	43	43	43	43	0	100	100	100	100	0
October 2009	89	37	9	0	0	100	100	100	22	0	32	32	32	32	0	100	100	100	100	0
October 2010	87	32	4	0	0	100	100	100	0	0	21	21	21	0	0	100	100	100	56	0
October 2011	85	26	0	0	0	100	100	100	0	0	9	9	9	0	0	100	100	100	0	0
October 2012	83	22	0	0	0	100	100	48	0	0	0	0	0	0	0	93	93	93	0	0
October 2013	80	18	0	0	0	100	100	2	0	0	0	0	0	0	0	73	73	73	0	0
October 2014	77	14	0	0	0	100	100	0	0	0	0	0	0	0	0	51	51	0	0	0
October 2015	75	10	0	0	0	100	100	0	0	0	0	0	0	0	0	27	27	0	0	0
October 2016	72	7	0	0	0	100	100	0	0	0	0	0	0	0	0	2	2	0	0	0
October 2017	68	4	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2018	65	2	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2019	61	0	0	0	0	100	88	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2020	57	0	0	0	0	100	50	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2021	53	0	0	0	0	100	16	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2022	48	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2023	43	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2024	37	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2025	31	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2026	25	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2027	18	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2028	10	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2029	2	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	18.8	7.0	4.0	2.9	2.2	28.6	19.0	11.0	7.6	5.3	6.0	6.0	6.0	5.7	4.7	13.0	13.0	12.1	9.1	6.5

								PSA	A Prep	ayment	Assun	ption	Rates							
			Class V	/G				Class V	/H				Class	Z				Class 2	ZG	
Distribution Date	0%	150%	305%	450%	650%	0%	150%	305%	450%	650%	0%	150%	305%	450%	650%	0%	150%	305%	450%	650%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2002	93	93	93	93	93	100	100	100	100	100	107	107	107	107	107	107	107	107	107	107
October 2003	87	87	87	87	87	100	100	100	100	100	115	115	115	115	115	115	115	115	115	115
October 2004	79	79	79	79	79	100	100	100	100	100	123	123	123	123	123	123	123	123	123	123
October 2005	71	71	71	71	71	100	100	100	100	100	132	132	132	132	132	132	132	132	132	132
October 2006	62	62	62	62	27	100	100	100	100	100	142	142	142	142	142	142	142	142	142	142
October 2007	53	53	53	53	0	100	100	100	100	0	152	152	152	152	152	152	152	152	152	0
October 2008	43	43	43	42	0	100	100	100	100	0	163	163	163	163	152	163	163	163	163	0
October 2009	33	33	- 33	0	0	100	100	100	0	0	175	175	175	175	91	175	175	175	51	0
October 2010	21	21	21	0	0	100	100	100	0	0	187	187	187	187	55	187	187	187	0	0
October 2011	9	9	9	0	0	100	100	100	0	0	201	201	201	164	33	201	201	201	0	0
October 2012	0	0	0	0	0	84	84	0	0	0	215	215	215	117	19	215	215	113	0	0
October 2013	0	0	0	0	0	26	26	0	0	0	231	231	231	83	12	231	231	4	0	0
October 2014	0	0	0	0	0	0	0	0	0	0	248	248	230	59	7	238	238	0	0	0
October 2015	0	0	0	0	0	0	0	0	0	0	266	266	182	42	4	238	238	0	0	0
October 2016	0	0	0	0	0	0	0	0	0	0	285	285	143	29	2	238	238	0	0	0
October 2017	0	0	0	0	0	0	0	0	0	0	286	286	112	21	1	238	238	0	0	0
October 2018	0	0	0	0	0	0	0	0	0	0	286	286	87	14	1	238	238	0	0	0
October 2019	0	0	0	0	0	0	0	0	0	0	286	286	68	10	0	238	209	0	0	0
October 2020	0	0	0	0	0	0	0	0	0	0	286	286	52	7	0	238	120	0	0	0
October 2021	0	0	0	0	0	0	0	0	0	0	286	286	40	5	0	238	39	0	0	0
October 2022	0	0	0	0	0	0	0	0	0	0	286	263	30	3	0	238	0	0	0	0
October 2023	0	0	0	0	0	0	0	0	0	0	286	218	22	2	0	238	0	0	0	0
October 2024	0	0	0	0	0	0	0	0	0	0	286	178	16	1	0	238	0	0	0	0
October 2025	0	0	0	0	0	0	0	0	0	0	286	141	12	1	0	238	0	0	0	0
October 2026	0	0	0	0	0	0	0	0	0	0	286	109	8	1	0	238	0	0	0	0
October 2027	0	0	0	0	0	0	0	0	0	0	286	79	5	0	0	238	0	0	0	0
October 2028	0	0	0	0	0	0	0	0	0	0	286	53	3	0	0	238	0	0	0	0
October 2029	0	0	0	0	0	0	0	0	0	0	286	29	2	0	0	238	0	0	0	0
October 2030	0	0	0	0	0	0	0	0	0	0	270	8	0	0	0	0	0	0	0	0
October 2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average	,												,							
Life (years)	6.0	6.0	6.0	5.2	4.1	11.6	11.6	10.2	7.3	5.1	29.5	24.3	16.7	12.4	8.8	28.6	19.0	11.1	7.8	5.5

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

		PSA P	Security Group 2 repayment Assumption		
			Classes C, FC and S	С	
Distribution Date	0%	200%	418%	700%	950%
Initial Percent	100	100	100	100	100
October 2002	99	86	73	57	42
October 2003	97	74	54	32	18
October 2004	96	64	39	18	7
October 2005	94	55	29	10	3
October 2006	92	47	21	6	1
October 2007	90	40	15	3	1
October 2008	88	34	11	2	0
October 2009	86	28	8	1	0
October 2010	83	24	Ğ	ĩ	Ō
October 2011	80	20	4	Ō	0
October 2012	77	16	3	Õ	0
October 2013	74	13	2	ŏ	ŏ
October 2014	70	11	1	Ő	ŏ
October 2015	66	8	1	Ő	Ő
October 2016	62	7	1	Ő	ő
October 2017	57	5	0	Ő	Ő
October 2018	52	3	0	Ő	Ő
October 2019	47	2	0	0	Ő
October 2020	41	1	0	Ő	ő
October 2021	34	0	0	0	0
October 2022	27	0	0	0	0
October 2023	19	0	0	0	0
October 2024	11	0	0	0	0
October 2025	2	0	0	0	0
October 2025	0	0	0	0	0
October 2027	0	0	0	0	0
	-	0	0	0	, in the second s
October 2028 October 2029	0	0	0	0	0
	-	0		-	
October 2030	0	0	0	0	0
October 2031	0	0	0	0	0
Weighted Average Life (years)	15.9	5.9	3.2	1.8	1.2
	- 2.0	2.7	5.=	1.0	1.14

		PSA	Security Gro A Prepayment Assu		
			Classes FL, L a	nd SL	
Distribution Date	0%	200%	447%	700%	950%
Initial Percent	100	100	100	100	100
October 2002	99	87	72	57	42
October 2003	98	75	52	33	18
October 2004	97	65	38	19	8
October 2005	96	57	27	11	3
October 2006	95	49	19	6	1
October 2007	94	42	14	3	1
October 2008	92	36	10	2	0
October 2009	91	31	7	1	0
October 2010	89	27	5	1	0
October 2011	87	23	4	õ	Ō
October 2012	85	19	3	Õ	0
October 2013	83	16	2	0	Ő
October 2014	80	14	1	Ő	Ő
October 2015	78	11	1	0	Ő
October 2016	75	9	1	0	Ő
October 2017	72	8	0	0	0
October 2018	69	6	Ő	0	0
October 2019	65	5	Ő	0	0
October 2020	61	4	0	0	0
October 2020	57	3	0	0	0
October 2022	52	2	0	0	0
October 2023	47	1	0	0	0
October 2023	41	1	0	0	0
October 2025	35	1	0	0	
October 2025	29	0	0	0	0
	29 22	0	-	0	0
October 2027		0	0	0	0
October 2028	14	0	0	0	0
October 2029	5	0	0	0	0
October 2030	0	0	0	0	0
October 2031 Weighted Average	0	0	0	0	0
Life (years)	19.6	6.4	3.0	1.8	1.2

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

		PSA F	Security Group 4 Prepayment Assumption		
			Classes FV, SV and	l V	
Distribution Date	0%	200%	459%	750%	1000%
Initial Percent	100	100	100	100	100
October 2002	99	85	70	53	39
October 2003	98	72	49	28	15
October 2004	97	60	34	15	6
October 2005	96	50	23	8	2
October 2006	95	41	16	4	1
October 2007	93	34	11	2	õ
October 2008	92	27	7	1	õ
October 2009	90	22	5	1	Õ
October 2010	88	17	3	Ô	ŏ
October 2011	86	12	2	Ő	ŏ
October 2012	84	9	1	Ő	0
October 2013	81	6	1	Ő	Ő
October 2014	79	3	0	Ő	0
October 2015	76	1	0	0	0
October 2016	73	0	ő	0	0
October 2017	69	0	0	0	0
October 2018	66	0	0	0	0
October 2019	61	0	0	0	0
October 2020	57	0	0	0	0
October 2021	52	0	0	0	0
October 2022	47	0	0	0	0
October 2023	41	0	0	0	0
October 2024	34		0		-
October 2024	54 27	0	0	0	0
		0	0		0
October 2026	19	0	0	0	0
October 2027	11	0	0	0	0
October 2028	2	0	0	0	0
October 2029	0	0	0	0	0
October 2030	0	0	0	0	0
October 2031		0	0	0	0
Weighted Average	,			,	
Life (years)	18.6	4.9	2.7	1.6	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 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, 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 Interest Only Securities), 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 or a redemption could result in the failure of investors to recover fully their investments.
- In the case of Regular Securities or MX Securities purchased at a discount (especially Principal Only Securities), 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 Group of Trust Assets prepay at the same rate at any one time. The timing of changes in the rate of prepayments may affect the actual yield to an investor, even if the average rate of principal prepayments is consistent with the investor's expectation. In general, the earlier a prepayment of principal on the Mortgage Loans, the greater the effect on an investor's yield. As a result, the effect on an investor's yield of principal prepayments occurring at a rate higher (or lower) than the rate anticipated by the investor during the period immediately following the Closing Date is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

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

Low levels of LIBOR can reduce the yield of the Floating Rate Classes. High levels of LIBOR can significantly reduce the yield of the Inverse Floating Rate Classes.

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

The effective yield on any Fixed Rate Class will be less than the yield otherwise produced by its Interest Rate and purchase price because on each Distribution Date, 30 days' interest will be payable on (or added to the principal amount of) that Class even though interest began to accrue approximately 46 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 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, the Mortgage Loans will have characteristics 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 each Inverse Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of LIBOR and (2) the purchase price of each Class (expressed as a percentage of its original Class 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.** 

	PSA	Prepaymen	t Assumption	Rates
LIBOR	200%	418%	700%	950%
1.529%	73.8%	53.4%	23.9%	(6.2)%
2.529%	57.7%	38.3%	10.5%	(17.9)%
5.529%	12.3%	(3.9)%	(27.2)%	(50.9)%
7.600% and above	* *	* *	* *	* *

#### Sensitivity of Class SC to Prepayments Assumed Price 7.5625%\*

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

	PSA	Prepaymen	t Assumption	Rates
LIBOR	200%	447%	700%	950%
1.529%	83.2%	59.2%	31.7%	0.7%
2.529%	65.4%	42.7%	16.9%	(12.3)%
5.529%	16.0%	(2.8)%	(24.1)%	(48.2)%
7.600% and above	* *	* *	* *	* *

#### Sensitivity of Class SV to Prepayments Assumed Price 9.875%\*

	PSA	A Prepaymen	t Assumption	Rates
LIBOR	200%	459%	750%	1000%
1.529%	56.0%	32.9%	3.8%	(25.4)%
2.529%	44.0%	21.9%	(5.9)%	(33.8)%
5.529%	8.9%	(10.2)%	(34.3)%	(58.3)%
8.250% and above	* *	* *	* *	* *

\* 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.

#### **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 Election**

In the opinion of Cleary, Gottlieb, Steen & Hamilton for federal income tax purposes, the Trust will constitute a Single REMIC Series.

#### **Regular Securities**

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

The Class SC, SL and SV Securities are "Interest Weighted Securities" as described in "Certain Federal Income Tax Consequences — Tax Treatment of Regular Securities — Interest Weighted Securities and Non-VRDI Securities" in the Base Offering Circular. Although the tax treatment of Interest Weighted Securities is not entirely certain, Holders of the Interest Weighted Securities should expect to accrue all income on these Securities (other than income

attributable to market discount or *de minimis* market discount) under the OID rules based on the expected payments on these securities at the prepayment assumption described below.

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

Based on anticipated prices (including accrued interest), the assumed Mortgage Loan characteristics, the prepayment assumption described below and, in the case of the Floating Rate Securities, the constant LIBOR value described below, no Class of Regular Securities other than the Classes described in the preceding two paragraphs is expected to be issued with OID.

Prospective investors in the 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 305% PSA in the case of the Group 1 Securities, 418% in the case of the Group 2 Securities, 447% in the case of the Group 3 Securities and 459% in the case of the Group 4 Securities (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). In the case of the Floating Rate Classes, the value of LIBOR to be used for these determinations is 2.529%. 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*. Code Section 1272(a)(6), however, authorizes regulations regarding the "Pricing Prepayment Assumption" to be used in making these determinations.

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

#### **Residual Securities**

The Class R Securities will represent the beneficial ownership of the Residual Interest in the Trust REMIC. The Residual Securities, *i.e.*, the Class R 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 REMIC, and these requirements will continue until there are no outstanding regular interests in the Trust REMIC. 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. 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.

On December 8, 2000, the IRS issued Revenue Procedure 2001-12, effective February 4, 2000 pending finalization of proposed regulations, which expands the safe harbor for transfers of noneconomic residual interests to include transfers to certain taxable domestic corporations with significant gross and net assets, provided that those corporations agree to transfer the residual interest only to other taxable domestic corporations in transactions qualifying for one of the safe harbor provisions. Eligibility for the expanded safe harbor requires, among other things, that the transferor not know of any facts or circumstances that reasonably indicate that the taxes associated with the residual interest will not be paid. The Revenue Procedure provides that transfers to foreign branches of domestic corporations or transfers involving arrangements that subject income from the residual interest to net tax by a foreign country or possession of the United States is not within the safe harbor, and also provides that if the amount of consideration given to the transferee to acquire the residual interest is so low that under any set of reasonable assumptions a reasonable person would conclude that the taxes associated with holding the residual interest will not be paid, then the transferor will be deemed to know that the transferee cannot or will not pay those taxes. See "Certain Federal Income Tax Consequences — Tax Treatment of Residual Securities — Non-Recognition of Certain Transfers for Federal Income Tax Purposes" in the Base Offering Circular.

#### Effect of the Economic Growth and Tax Relief Reconciliation Act of 2001

As a result of the Economic Growth and Tax Relief Reconciliation Act of 2001, limitations imposed by Section 68 of the Code on claiming itemized deductions will be phased-out commencing in 2006, which will affect individuals holding either Regular Securities in Single Class REMICs or Residual Securities. In addition, starting in 2001, the backup withholding rate will start declining from 31% until leveling at 28% in 2006. Unless the statute is amended, all provisions of the Economic Growth and Tax Relief Reconciliation Act of 2001 will no longer apply for taxable years beginning after December 31, 2010. For information relating to itemized deduction and backup withholding for taxable years beginning on or after January 1, 2011, see *"Certain Federal Income Tax Consequences — Tax Treatment of Regular Securities — Single Class REMICs," "— Tax Treatment of Residual Securities — Special Considerations for Certain Types of Investors — Individuals and Pass Through Entities," and "— Backup Withholding" in the Base Offering Circular. Investors are encouraged to consult their own tax advisors with respect to the new legislation.* 

#### **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 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"), solely by reason of the Plan's purchase and holding of that certificate.

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, Plans.

#### 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) October 1, 2001 on the Fixed Rate Classes and (2) October 16, 2001 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 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 Class receiving principal distributions from the same Trust Asset Group 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; for the Trust by Cleary, Gottlieb, Steen & Hamilton and Marcell Solomon & Associates, P.C.; and for the Trustee by Ungaretti & Harris, Chicago, Illinois.

<b>REMIC Securities</b>	ies				<b>MX Securities</b>	es		
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance(1)	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date(3)
Security Group 1 Combination 1 VG VH ZG	<pre>\$ 44,417,000 10,842,000 40,000,000</pre>	В	\$ 95,259,000	SEQ	7.0%	FIX	38373RE21	October 2030
Security Group 2 Combination 2 FC	\$150,000,000 150,000,000	U	\$150,000,000	РТ	8.0%	FIX	38373RE39	December 2025
Security Group 3 Combination 3 FL SL	\$150,000,000 150,000,000	Γ	\$150,000,000	ГТ	8.0%	FIX	38373RE47	May 2030
Combination 4 FV SV	\$130,000,000 130,000,000	>	\$130,000,000	РТ	8.5%	FIX	38373RE54	December 2028
(1) 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.	r each MX Class re sing Date.	presents	the maximum Origi	inal Class P	rincipal F	alance o	f that Class, as	suming it were to
(2) As defined under "Class Types" in	ass Types' in App	endix I t	Appendix I to this Supplement.		:			

(3) See "Yield, Maturity and Prepayment Considerations — Final Distribution Date" in this Supplement.

Schedule I





\$2,393,074,567

# Government National Mortgage Association

# **GINNIE MAE**<sup>®</sup>

Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2001-49

OFFERING CIRCULAR SUPPLEMENT October 23, 2001

Goldman, Sachs & Co. Jackson Securities Inc.