

**\$260,012,507**  
**Government National Mortgage Association**

**GINNIE MAE<sup>®</sup>**

**Guaranteed HECM MBS REMIC Pass-Through Securities**  
**Ginnie Mae REMIC Trust 2019-H02**

**The Securities**

The Trust will issue the Classes of Securities listed on the front cover of this offering circular supplement.

**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 HECM MBS.

Class of REMIC Securities	Original Principal Balance(1)	Interest Rate	Principal Type(2)	Interest Type(2)	CUSIP Number	Final Distribution Date(3)
<b>Security Group 1</b>						
AI .....	\$31,842,360	(4)	NTL(HPT)	HWAC/IO/DLY	38380LPW7	January 2069
FA .....	31,842,360	(4)	HPT	FLT/HWAC/HZ	38380LPX5	January 2069
<b>Security Group 2</b>						
BI .....	30,875,106	(4)	NTL(HPT)	HWAC/IO/DLY	38380LPY3	December 2068
FB .....	30,875,106	(4)	HPT	FLT/HWAC/HZ	38380LPZ0	December 2068
<b>Security Group 3</b>						
JA .....	33,862,162	3.50%	HSEQ	FIX/HZ	38380LQA4	December 2068
JJ .....	33,862,162	(4)	NTL(HSEQ)	HWAC/IO/DLY	38380LQB2	December 2068
JZ .....	1,829,238	(4)	HSEQ	HWAC/HZ/DLY	38380LQC0	December 2068
<b>Security Group 4</b>						
DI .....	77,033,085	(4)	NTL(HPT)	HWAC/IO/DLY	38380LQD8	November 2068
FD .....	77,033,085	(4)	HPT	FLT/HWAC/HZ	38380LQE6	November 2068
<b>Security Group 5</b>						
EI .....	35,552,172	(4)	NTL(HPT)	HWAC/IO/DLY	38380LQF3	January 2069
FE .....	35,552,172	(4)	HPT	FLT/HWAC/HZ	38380LQG1	January 2069
<b>Security Group 6</b>						
FG .....	37,253,678	(4)	HPT	FLT/HWAC/HZ	38380LQH9	December 2068
GI .....	37,253,678	(4)	NTL(HPT)	HWAC/IO/DLY	38380LQJ5	December 2068
<b>Security Group 7</b>						
BA .....	10,000,000	3.50%	HSEQ	FIX/HZ	38380LQK2	January 2069
BZ .....	1,764,706	(4)	HSEQ	HWAC/HZ/DLY	38380LQL0	January 2069
IB .....	10,000,000	(4)	NTL(HSEQ)	HWAC/IO/DLY	38380LQM8	January 2069
<b>Residuals</b>						
RR .....	0	0.00	NPR	NPR	38380LQN6	January 2069
RR3 .....	0	0.00	NPR	NPR	38380LQP1	December 2068

- (1) 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.
- (2) As defined under "Class Types" in Appendix I to the Base Offering Circular. The Class Notional Balance of each Notional Class will be either reduced or increased, as applicable, as shown under "Terms Sheet — Notional Classes" in this Supplement.
- (3) See "Yield, Maturity and Prepayment Considerations — Final Distribution Date" in this Supplement.
- (4) See "Terms Sheet — Interest Rates" in this Supplement.

**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-15 which highlights some of these risks.**

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 January 30, 2019.

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.

## 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,
- the HECM MBS Base Prospectus dated October 1, 2007, July 1, 2011 or June 1, 2014, as applicable (the “HECM MBS Base Prospectus”), and
- each HECM MBS Prospectus Supplement relating to the HECM MBS (the “HECM MBS Prospectus Supplements,” together with the HECM MBS Base Prospectus, the “HECM MBS Disclosure Documents”).

The Base Offering Circular and the HECM MBS 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 BNY Mellon, 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 BNY Mellon at the telephone number listed above.

Unless otherwise specifically defined herein, 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.

---

## TABLE OF CONTENTS

	<u>Page</u>		<u>Page</u>
Terms Sheet . . . . .	S-3	Plan of Distribution . . . . .	S-51
Risk Factors . . . . .	S-15	Increase in Size . . . . .	S-52
The Trust Assets . . . . .	S-20	Legal Matters . . . . .	S-52
Ginnie Mae Guaranty . . . . .	S-22	Exhibit A: Assumed Characteristics of the HECMs and the Participations	
Description of the Securities . . . . .	S-22	Underlying the Trust Assets . . . . .	A-1
Yield, Maturity and Prepayment Considerations . . . . .	S-27	Exhibit B: CPR Percentage in Effect by HECM Age . . . . .	B-1
Certain United States Federal Income Tax Consequences . . . . .	S-48	Exhibit C: Draw Curve in Effect by HECM Age . . . . .	C-1
ERISA Matters . . . . .	S-50		
Legal Investment Considerations . . . . .	S-51		

## 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:** Citigroup Global Markets Inc.

**Co-Sponsor:** Roberts & Ryan Investments, Inc.

**Trustee:** U.S. Bank National Association

**Tax Administrator:** The Trustee

**Closing Date:** January 30, 2019

**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 February 2019.

### Trust Assets:

Trust Asset Group	Trust Asset Type <sup>(1)</sup>	HECM MBS Principal Balance	HECM MBS Rate <sup>(2)</sup>	Original Term to Maturity (in years)
1	Ginnie Mae II <sup>(3)</sup>	\$31,842,360	(4)(5)	50
2	Ginnie Mae II <sup>(6)</sup>	30,875,106	(7)(8)	50
3	Ginnie Mae II <sup>(9)</sup>	35,691,400	(10)	50
4	Ginnie Mae II <sup>(11)</sup>	77,033,085	(7)(12)	50
5	Ginnie Mae II <sup>(13)</sup>	35,552,172	(7)(14)	50
6	Ginnie Mae II <sup>(15)</sup>	37,253,678	(7)(16)	50
7	Ginnie Mae II <sup>(17)</sup>	11,764,706	(18)	50

<sup>(1)</sup> The Trust Assets are HECM MBS backed by participation interests (each, a “Participation”) in advances made to borrowers and related amounts in respect of home equity conversion mortgage loans (“HECMs”) insured by FHA. See “The Trust Assets — The Participations and the HECMs” in this Supplement. Certain additional information regarding the HECM MBS is set forth in Exhibit A to this Supplement.

<sup>(2)</sup> The HECM MBS Rate for each Trust Asset is the weighted average coupon of its related Participation interest rates (“WACR”). WACR constitutes the Weighted Average Coupon Rate for purposes of this Supplement. See “The Trust Assets — The Trust MBS” in this Supplement.

<sup>(3)</sup> The Group 1 Trust Assets consist of Ginnie Mae HECM MBS pools AB8466, BE5596, BE5602, BG2087, BJ1154, BJ5473, BJ5486, BJ5487, BJ6120, BK0515, BK0517, BK0521, BK0522, BK0771, BK8140, BK8147 and BK9422.

<sup>(4)</sup> The applicable index for each of the Group 1 Trust Assets is one-month LIBOR (“One-Month LIBOR”). The actual HECM lifetime caps on interest rate adjustments may limit whether the HECM MBS Rate for a particular Group 1 Trust Asset remains at One-Month LIBOR (as determined pursuant to the HECM loan documents) plus the applicable margin. See “The Trust Assets — The Trust MBS” and “Risk Factors — Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in

*respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2, 4, 5 and 6 securities” in this Supplement.*

- (5) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 1 HECM MBS pools range from 1.820% to 2.463%.
- (6) The Group 2 Trust Assets consist of Ginnie Mae HECM MBS pools AM7917, BE5601, BJ5467, BJ5481, BJ6123, BK0770, BK0783 and BK4743.
- (7) The applicable index for each of the Group 2, 4, 5 and 6 Trust Assets is one-year LIBOR (“One-Year LIBOR”). The actual HECM lifetime and annual caps on interest rate adjustments may limit whether the HECM MBS Rate for a particular Group 2, 4, 5 or 6 Trust Asset remains at One-Year LIBOR (as determined pursuant to the HECM loan documents) plus the applicable margin. See *“The Trust Assets — The Trust MBS” and “Risk Factors — Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2, 4, 5 and 6 securities” in this Supplement.*
- (8) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 2 HECM MBS pools range from 1.140% to 2.194%.
- (9) The Group 3 Trust Assets consist of Ginnie Mae HECM MBS pools 751399, 751401, AU3178, AW1855, AY2304, BE5590, BE5592, BJ6116, BJ6128, BK0753, BK0763, BK0766, BK0779 and BK8131.
- (10) The interest rates of the Participations (net of the related Servicing Fee Margin) underlying the Group 3 HECM MBS pools at issuance ranged from 3.630% to 5.310%.
- (11) The Group 4 Trust Assets consist of Ginnie Mae HECM MBS pools BE5573, BG2083, BG2094, BG2101, BI2049 and BK4744.
- (12) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 4 HECM MBS pools range from 2.212% to 2.464%.
- (13) The Group 5 Trust Assets consist of Ginnie Mae HECM MBS pools BK4750, BK8141 and BK9428.
- (14) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 5 HECM MBS pools range from 2.198% to 2.488%.
- (15) The Group 6 Trust Assets consist of Ginnie Mae HECM MBS pools AY2316, BE5600, BJ5479 and BK0519.
- (16) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 6 HECM MBS pools range from 1.890% to 2.572%.
- (17) The Group 7 Trust Assets consist of Ginnie Mae HECM MBS pools BE5579, BE5591, BE9465, BF9069, BG2019, BG2098, BG2114, BH4031, BJ5482, BJ6933, BK0751, BK0756, BK0782, BK7014, BK8133 and BK8142.
- (18) The interest rates of the Participations (net of the related Servicing Fee Margin) underlying the Group 7 HECM MBS pools at issuance ranged from 3.515% to 5.450%.

**Security Groups:** This series of Securities consists of multiple Security Groups (each, a “Group”), as shown on the front cover of 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 HECMs and the Participations Underlying the Trust Assets:**

The assumed characteristics of the HECMs and the Participations underlying the Trust Assets are identified in Exhibit A to this Supplement. The assumed characteristics may differ, perhaps significantly, from the characteristics of the HECMs and the related Participations as of the date of issuance of the related HECM MBS, which characteristics are identified in the related HECM MBS Prospectus Supplement. There can be no assurance that the actual characteristics of the HECMs and the Participations underlying the Trust Assets will be the same as the assumed characteristics identified in Exhibit A to this Supplement.

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

**Increased Minimum Denomination Classes:** Each Regular 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 front cover of this Supplement.

The Floating Rate Classes will bear interest at per annum rates based on One-Month LIBOR or One-Year LIBOR as follows:

<u>Class</u>	<u>Interest Rate Formula(1)</u>	<u>Initial Interest Rate(2)</u>	<u>Minimum Rate(3)</u>	<u>Maximum Rate(4)</u>	<u>Delay (in days)</u>	<u>One-Month LIBOR or One-Year LIBOR for Minimum Interest Rate</u>
FA . . . . .	One-Month LIBOR + 0.45%	2.97000%	0.45%	10.50%	0	0.00%
FB . . . . .	One-Year LIBOR + 0.25%	3.24500%	0.25%	7.50%	0	0.00%
FD . . . . .	One-Month LIBOR + 0.50%	3.00000%	0.50%	7.50%	0	0.00%
FE . . . . .	One-Month LIBOR + 0.55%	3.05000%	0.55%	7.50%	0	0.00%
FG . . . . .	One-Year LIBOR + 0.40%	3.45000%	0.40%	7.50%	0	0.00%

- (1) One-Month LIBOR and One-Year LIBOR will be established as described under “Description of the Securities — Interest Distributions — Floating Rate Classes” in this Supplement.
- (2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate for each of Classes FA, FD and FE will adjust monthly thereafter. The Interest Rate for each of Classes FB and FG will adjust annually, beginning with the Accrual Period related to the Distribution Date in February 2020.
- (3) The minimum rate for any Accrual Period will be the lesser of (i) the rate indicated in this table under the heading “Minimum Rate” and (ii) the WACR for the related Trust Asset Group.
- (4) The maximum rate for any Accrual Period will be the lesser of (i) the rate indicated in this table under the heading “Maximum Rate” and (ii) the WACR for the related Trust Asset Group. See “Risk Factors — The maximum rate on each floating rate class could limit the amount of interest that accrues on such class” in this Supplement.

Each of the Floating Rate Classes will bear interest during each Accrual Period at a per annum rate equal to the lesser of the related maximum rate and the result based on the related interest rate formula described above.

The approximate initial Interest Rates for the Interest Only Classes and Classes BZ and JZ are set forth in the table below.

<u>Class</u>	<u>Approximate Initial Interest Rate<sup>(1)</sup></u>
AI .....	1.55632%
BI .....	1.28928%
BZ .....	4.28982%
DI .....	2.15375%
EI .....	2.14648%
GI .....	1.71872%
IB .....	0.78982%
J1 .....	0.81460%
JZ .....	4.31460%

(1) The approximate initial Interest Rates for the Classes set forth in the table above were calculated using the assumed characteristics of the HECMs and the Participations underlying the related Trust Assets set forth in Exhibit A, which are provided by the Sponsor as of January 1, 2019. The assumed characteristics include rounded weighted average gross interest rates on the HECMs related to the Participations backing the Trust Assets. The actual initial Interest Rates for such Classes will be calculated based on the interest that accrues on each HECM, aggregated and then rounded to a different level of precision. Therefore the actual initial Interest Rates for such Classes may differ from the approximate initial Interest Rates set forth herein. On or about the first Distribution Date, investors can obtain the actual initial Interest Rates for such Classes for the related Accrual Period from the Trustee's website, [www.usbank.com/abs](http://www.usbank.com/abs).

Each of Classes BZ and JZ is an HWAC Class that will bear interest during each Accrual Period at a per annum rate equal to the WACR of the related Trust Assets.

**Class AI Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 1 Trust Assets over (II) the Class FA Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 1 Trust Assets as of the related Record Date for Class AI.

**Class BI Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 2 Trust Assets over (II) the Class FB Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 2 Trust Assets as of the related Record Date for Class BI.

**Class DI Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 4 Trust Assets over (II) the Class FD Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 4 Trust Assets as of the related Record Date for Class DI.

**Class EI Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 5 Trust Assets over (II) the Class FE Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 5 Trust Assets as of the related Record Date for Class EI.

**Class GI Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 6 Trust Assets over (II) the Class FG Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 6 Trust Assets as of the related Record Date for Class GI.

**Class IB Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 7 Trust Assets over (II) the sum of the Class BA Interest Accrual Amount and the Class BZ Interest Accrual Amount for such Distribution Date, divided by (b) the sum of the Class BA Principal Balance and the Class IB Deferred Interest Amount as of the related Record Date for Class IB.

**Class JI Interest Rate:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the Group 3 Trust Assets over (II) the sum of the Class JA Interest Accrual Amount and the Class JZ Interest Accrual Amount for such Distribution Date, divided by (b) the sum of the Class JA Principal Balance and the Class JI Deferred Interest Amount as of the related Record Date for Class JI.

**Distributions:** On each Distribution Date, the following distributions will be made to the related Securities:

#### **SECURITY GROUP 1**

The Group 1 Available Distribution Amount will be allocated in the following order of priority:

1. Concurrently, to AI and FA, pro rata based on their respective Interest Accrual Amounts, up to the Class AI Interest Accrual Amount and the Class FA Interest Accrual Amount for such Distribution Date
2. To FA, in reduction of its Class Principal Balance, up to the amount of the Class FA Principal Distribution Amount for such Distribution Date, until retired
3. To AI, until the Class AI Deferred Interest Amount is reduced to zero

#### **SECURITY GROUP 2**

The Group 2 Available Distribution Amount will be allocated in the following order of priority:

1. Concurrently, to BI and FB, pro rata based on their respective Interest Accrual Amounts, up to the Class BI Interest Accrual Amount and the Class FB Interest Accrual Amount for such Distribution Date
2. To FB, in reduction of its Class Principal Balance, up to the amount of the Class FB Principal Distribution Amount for such Distribution Date, until retired

3. To BI, until the Class BI Deferred Interest Amount is reduced to zero

### **SECURITY GROUP 3**

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

1. Concurrently, to JA and JI, pro rata based on their respective Interest Accrual Amounts, up to the Class JA Interest Accrual Amount and the Class JI Interest Accrual Amount for such Distribution Date
2. To JA, in reduction of its Class Principal Balance, up to the amount of the Class JA Principal Distribution Amount for such Distribution Date, until retired
3. To JI, until the Class JI Deferred Interest Amount is reduced to zero
4. To JZ, up to the Class JZ Interest Accrual Amount for such Distribution Date
5. To JZ, in reduction of its Class Principal Balance, until retired

### **SECURITY GROUP 4**

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

1. Concurrently, to DI and FD, pro rata based on their respective Interest Accrual Amounts, up to the Class DI Interest Accrual Amount and the Class FD Interest Accrual Amount for such Distribution Date
2. To FD, in reduction of its Class Principal Balance, up to the amount of the Class FD Principal Distribution Amount for such Distribution Date, until retired
3. To DI, until the Class DI Deferred Interest Amount is reduced to zero

### **SECURITY GROUP 5**

The Group 5 Available Distribution Amount will be allocated in the following order of priority:

1. Concurrently, to EI and FE, pro rata based on their respective Interest Accrual Amounts, up to the Class EI Interest Accrual Amount and the Class FE Interest Accrual Amount for such Distribution Date
2. To FE, in reduction of its Class Principal Balance, up to the amount of the Class FE Principal Distribution Amount for such Distribution Date, until retired
3. To EI, until the Class EI Deferred Interest Amount is reduced to zero

### **SECURITY GROUP 6**

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

1. Concurrently, to FG and GI, pro rata based on their respective Interest Accrual Amounts, up to the Class FG Interest Accrual Amount and the Class GI Interest Accrual Amount for such Distribution Date
2. To FG, in reduction of its Class Principal Balance, up to the amount of the Class FG Principal Distribution Amount for such Distribution Date, until retired
3. To GI, until the Class GI Deferred Interest Amount is reduced to zero



## SECURITY GROUP 7

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

1. Concurrently, to BA and IB, pro rata based on their respective Interest Accrual Amounts, up to the Class BA Interest Accrual Amount and the Class IB Interest Accrual Amount for such Distribution Date
2. To BA, in reduction of its Class Principal Balance, up to the amount of the Class BA Principal Distribution Amount for such Distribution Date, until retired
3. To IB, until the Class IB Deferred Interest Amount is reduced to zero
4. To BZ, up to the Class BZ Interest Accrual Amount for such Distribution Date
5. To BZ, in reduction of its Class Principal Balance, until retired

**Available Distribution Amount:** For each Security Group, with respect to each Distribution Date, the excess, if any, of (a) the sum of (i) the product of (A) the original principal amount of the related HECM MBS and (B) the Certificate Factor or Calculated Certificate Factor, as applicable, for the preceding Distribution Date and (ii) the interest accrued with respect to such HECM MBS for the related Accrual Period over (b) the product of (i) the original principal amount of such HECM MBS and (ii) the Certificate Factor or Calculated Certificate Factor, as applicable, for the current Distribution Date.

**Class AI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class AI Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class AI on all prior Distribution Dates plus (b) the amount distributed in respect of Class AI on such Distribution Date pursuant to step 1. under Security Group 1 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class AI Deferred Interest Amount can be calculated by subtracting the Class FA Principal Balance after giving effect to any principal distribution (or any addition) made with respect to such Class as of such Distribution Date from the outstanding principal balance of the Group 1 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class AI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class AI Interest Rate on the Class Notional Balance of Class AI (the “Class AI Notional Balance”) as of the related Record Date.

**Class BA Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the Interest Rate on the Class Principal Balance of Class BA as of the related Record Date. If, on any Distribution Date, the Class BA Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class BA pursuant to step 1. under Security Group 7 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class BA (the “Class BA Principal Balance”).

**Class BA Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 7 Available Distribution Amount for such Distribution Date over (b) the sum of the Class BA Interest Accrual Amount and the Class IB Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class BA Principal Balance as of the related Record Date divided by (b) the sum of (x) the Class BA Principal Balance as of the related Record Date and (y) the Class IB Deferred Interest Amount as of the related Record Date.

**Class BI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class BI Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class BI on all prior Distribution Dates plus (b) the amount distributed in respect of Class BI on such Distribution Date pursuant to step 1. under Security Group 2 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class BI Deferred Interest Amount can be calculated by subtracting the Class FB Principal Balance after giving effect to any principal distribution (or any addition) made with respect to such Class as of such Distribution Date from the outstanding principal balance of the Group 2 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class BI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class BI Interest Rate on the Class Notional Balance of Class BI (the “Class BI Notional Balance”) as of the related Record Date.

**Class BZ Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class BZ as of the related Record Date. If, on any Distribution Date, the Class BZ Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class BZ pursuant to step 4. under Security Group 7 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class BZ (the “Class BZ Principal Balance”).

**Class DI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class DI Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class DI on all prior Distribution Dates plus (b) the amount distributed in respect of Class DI on such Distribution Date pursuant to step 1. under Security Group 4 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class DI Deferred Interest Amount can be calculated by subtracting the Class FD Principal Balance after giving effect to any principal distribution (or any addition) made with respect to such Class as of such Distribution Date from the outstanding principal balance of the Group 4 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class DI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class DI Interest Rate on the Class Notional Balance of Class DI (the “Class DI Notional Balance”) as of the related Record Date.

**Class EI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class EI Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class EI on all prior Distribution Dates plus (b) the amount distributed in respect of Class EI on such Distribution Date pursuant to step 1. under Security Group 5 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class EI Deferred Interest Amount can be calculated by subtracting the Class FE Principal Balance after giving effect to any principal distribution (or any addition) made with respect to such Class as of such Distribution Date from the outstanding principal balance of the Group 5 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class EI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class EI Interest Rate on the Class Notional Balance of Class EI (the “Class EI Notional Balance”) as of the related Record Date.

**Class FA Interest Accrual Amount:** For any Distribution Date, interest accrued during the Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class FA as of the related Record Date. If, on any Distribution Date, the Class FA Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FA pursuant to step 1. under Security Group 1 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class FA (the “Class FA Principal Balance”).

**Class FA Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 1 Available Distribution Amount for such Distribution Date over (b) the sum of the Class FA Interest Accrual Amount and the Class AI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FA Principal Balance as of the related Record Date divided by (b) the outstanding principal balance of the Group 1 Trust Assets as of the related Record Date for Class FA.

**Class FB Interest Accrual Amount:** For any Distribution Date, interest accrued during the Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class FB as of the related Record Date. If, on any Distribution Date, the Class FB Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FB pursuant to step 1. under Security Group 2 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class FB (the “Class FB Principal Balance”).

**Class FB Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 2 Available Distribution Amount for such Distribution Date over (b) the sum of the Class FB Interest Accrual Amount and the Class BI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FB Principal Balance as of the related Record Date divided by (b) the outstanding principal balance of the Group 2 Trust Assets as of the related Record Date for Class FB.

**Class FD Interest Accrual Amount:** For any Distribution Date, interest accrued during the Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class FD as of the related Record Date. If, on any Distribution Date, the Class FD Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FD pursuant to step 1. under Security Group 4 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class FD (the “Class FD Principal Balance”).

**Class FD Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 4 Available Distribution Amount for such Distribution Date over (b) the sum of the Class FD Interest Accrual Amount and the Class DI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FD Principal Balance as of the related Record Date divided by (b) the outstanding principal balance of the Group 4 Trust Assets as of the related Record Date for Class FD.

**Class FE Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class FE as of the related Record Date. If, on any Distribution Date, the Class FE Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FE pursuant to

step 1. under Security Group 5 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class FE (the “Class FE Principal Balance”).

**Class FE Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 5 Available Distribution Amount for such Distribution Date over (b) the sum of the Class FE Interest Accrual Amount and the Class EI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FE Principal Balance as of the related Record Date divided by (b) the outstanding principal balance of the Group 5 Trust Assets as of the related Record Date for Class FE.

**Class FG Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class FG as of the related Record Date. If, on any Distribution Date, the Class FG Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FG pursuant to step 1. under Security Group 6 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class FG (the “Class FG Principal Balance”).

**Class FG Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 6 Available Distribution Amount for such Distribution Date over (b) the sum of the Class FG Interest Accrual Amount and the Class GI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FG Principal Balance as of the related Record Date divided by (b) the outstanding principal balance of the Group 6 Trust Assets as of the related Record Date for Class FG.

**Class GI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class GI Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class GI on all prior Distribution Dates plus (b) the amount distributed in respect of Class GI on such Distribution Date pursuant to step 1. under Security Group 6 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class GI Deferred Interest Amount can be calculated by subtracting the Class FG Principal Balance after giving effect to any principal distribution (or any addition) made with respect to such Class as of such Distribution Date from the outstanding principal balance of the Group 6 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class GI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class GI Interest Rate on the Class Notional Balance of Class GI (the “Class GI Notional Balance”) as of the related Record Date.

**Class IB Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class IB Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class IB on all prior Distribution Dates plus (b) the amount distributed in respect of Class IB on such Distribution Date pursuant to step 1. under Security Group 7 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class IB Deferred Interest Amount can be calculated by subtracting the Class BA Principal Balance and the Class BZ Principal Balance after giving effect to any principal distributions (or any additions) made with respect to such Classes as of such Distribution Date from the outstanding principal balance of the Group 7 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class IB Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class IB Interest Rate on the Class Notional Balance of Class IB (the “Class IB Notional Balance”) as of the related Record Date.

**Class JA Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the Interest Rate on the Class Principal Balance of Class JA as of the related Record Date. If, on any Distribution Date, the Class JA Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class JA pursuant to step 1. under Security Group 3 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class JA (the “Class JA Principal Balance”).

**Class JA Principal Distribution Amount:** For any Distribution Date, the product of (i) the excess, if any, of (a) the Group 3 Available Distribution Amount for such Distribution Date over (b) the sum of the Class JA Interest Accrual Amount and the Class JI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class JA Principal Balance as of the related Record Date divided by (b) the sum of (x) the Class JA Principal Balance as of the related Record Date and (y) the Class JI Deferred Interest Amount as of the related Record Date.

**Class JI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class JI Interest Accrual Amounts for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of Class JI on all prior Distribution Dates plus (b) the amount distributed in respect of Class JI on such Distribution Date pursuant to step 1. under Security Group 3 in “Terms Sheet — Distributions” in this Supplement. After the occurrence of any Distribution Date in any month, the remaining Class JI Deferred Interest Amount can be calculated by subtracting the Class JA Principal Balance and the Class JZ Principal Balance after giving effect to any principal distributions (or any additions) made with respect to such Classes as of such Distribution Date from the outstanding principal balance of the Group 3 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

**Class JI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class JI Interest Rate on the Class Notional Balance of Class JI (the “Class JI Notional Balance”) as of the related Record Date.

**Class JZ Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of Class JZ as of the related Record Date. If, on any Distribution Date, the Class JZ Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class JZ pursuant to step 4. under Security Group 3 in “Terms Sheet — Distributions” in this Supplement, such excess will be added to the Class Principal Balance of Class JZ (the “Class JZ Principal Balance”).

**Deferred Interest Amount:** Any of the Class AI Deferred Interest Amount, the Class BI Deferred Interest Amount, the Class DI Deferred Interest Amount, the Class EI Deferred Interest Amount, the Class GI Deferred Interest Amount, the Class IB Deferred Interest Amount or the Class JI Deferred Interest Amount, as applicable. On or about each Distribution Date, the Deferred Interest Amount is available on reports published by the Trustee on its website, [www.usbank.com/abs](http://www.usbank.com/abs).

**Interest Accrual Amount:** Any of the Class AI Interest Accrual Amount, the Class BA Interest Accrual Amount, the Class BI Interest Accrual Amount, the Class BZ Interest Accrual Amount, the Class DI Interest Accrual Amount, the Class EI Interest Accrual Amount, the Class FA Interest Accrual Amount, the Class FB Interest Accrual Amount, the Class FD Interest Accrual Amount, the Class FE Interest Accrual

Amount, the Class FG Interest Accrual Amount, the Class GI Interest Accrual Amount, the Class IB Interest Accrual Amount, the Class JA Interest Accrual Amount, the Class JI Interest Accrual Amount or the Class JZ Interest Accrual Amount, as applicable.

**Notional Classes:** The Notional Classes will not receive distributions of principal based on their Class Notional Balances 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 or increases to that extent with, (1) the outstanding principal balance of the related Trust Asset Group or (2) with the Class Principal Balances and Deferred Interest Amounts indicated:

Class	Original Class Notional Balance	Represents
AI . . .	\$31,842,360	100% of the Group 1 Trust Assets
BI . . .	30,875,106	100% of the Group 2 Trust Assets
DI . . .	77,033,085	100% of the Group 4 Trust Assets
EI . . . .	35,552,172	100% of the Group 5 Trust Assets
GI . . .	37,253,678	100% of the Group 6 Trust Assets
IB . . .	10,000,000	100% of Class BA (HSEQ Class) and the Class IB Deferred Interest Amount (in the aggregate)
JL . . . .	33,862,162	100% of Class JA (HSEQ Class) and the Class JI Deferred Interest Amount (in the aggregate)

**Tax Status:** Double REMIC Series as to the Group 3 Trust Assets and Double REMIC Series as to the Group 1, 2 and 4 through 7 Trust Assets. Separate REMIC elections will be made as to the Pooling and the Issuing REMIC with respect to the Group 3 Trust Assets and the Group 1, 2 and 4 through 7 Trust Assets (the “Group 3 Pooling REMIC,” the “Group 3 Issuing REMIC,” the “Group 1, 2 and 4 through 7 Pooling REMIC” and the “Group 1, 2 and 4 through 7 Issuing REMIC,” respectively). See “*Certain United States Federal Income Tax Consequences*” in this Supplement and in the Base Offering Circular.

**Regular and Residual Classes:** Classes RR and RR3 are Residual Classes. Class RR represents the Residual Interest of the Group 1, 2 and 4 through 7 Issuing and Pooling REMICs. Class RR3 represents the Residual Interest of the Group 3 Issuing and Pooling REMICs. 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 HECMs related to the participations underlying the trust assets 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 HECMs related to the participations underlying the trust assets. Any historical data regarding mortgage loan prepayment rates may not be indicative of the rate of future prepayments on the related HECMs, and no assurances can be given about the rates at which the related HECMs will prepay. We expect the rate of principal payments on the HECMs related to the participations underlying the trust assets to vary. Borrowers generally may prepay their HECMs at any time without penalty.

In addition to voluntary prepayments, HECMs can be prepaid as a result of governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted HECMs. Although under certain circumstances Ginnie Mae issuers have the option to repurchase defaulted HECMs from the related pool underlying a Ginnie Mae HECM MBS certificate, they are not obligated to do so. Defaulted HECMs that remain in pools backing Ginnie Mae HECM MBS certificates may be subject to governmental mortgage insurance claim payments, loss mitigation arrangements or foreclosure, which could have the same effect as voluntary prepayments on the cash flow available to pay the securities.

A catastrophic weather event or other natural disaster may affect the rate of principal payments, including prepayments, on the related HECMs. Any such event may damage the related mortgaged properties that secure the HECMs and may lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. A general economic downturn may increase the rate of defaults on the HECMs in such areas resulting in

prepayments on the HECMs related to the participations underlying the trust assets due to governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted HECMs. Insurance payments on damaged or destroyed homes may also lead to prepayments on the related HECMs. Further, in connection with presidentially declared major disasters, Ginnie Mae may authorize optional special assistance to issuers, including expanded buyout authority which allows issuers, upon receiving written approval from Ginnie Mae, to repurchase eligible HECMs from the related pool underlying a Ginnie Mae MBS certificate, even if such HECMs are not delinquent or do not otherwise meet the standard conditions for removal or repurchase.

No assurances can be given as to the timing or frequency of any governmental mortgage insurance claim payments, issuer repurchases, loss mitigation arrangements or foreclosure proceedings with respect to defaulted HECMs and the resulting effect on the timing or rate of principal payments on your securities.

***It is uncertain when payments will be made in respect of securities backed by HECM MBS.*** The rate of voluntary prepayments and the occurrence of maturity events and Ginnie Mae issuer purchase events with respect to HECMs are uncertain. A borrower may prepay in whole or in part the outstanding balance of a HECM at any time without penalty, including any accrued interest thereon. No interest or principal is required to be paid by the borrower, however, until maturity, which generally occurs upon the occurrence of a maturity event, which may be deferred under certain circumstances. A Ginnie Mae issuer of a HECM MBS is obligated to purchase, under certain circumstances, all participations related to a HECM.

It is uncertain when any amounts might be paid on securities backed by HECM MBS because it is

uncertain (i) whether a HECM borrower will choose to prepay amounts advanced in whole or in part, (ii) when any maturity event might occur, whether that maturity event will be deferred and, if so, the extent of the deferral and (iii) when any Ginnie Mae issuer purchase event might occur, and thus the yields on and weighted average lives of securities backed by HECM MBS may differ substantially from an investor's expectations. See "Risk Factors" and "Prepayment and Yield Considerations" in the HECM MBS Base Prospectus and "Yield, Maturity and Prepayment Considerations" in this supplement.

From time to time FHA and the residential mortgage industry make changes to the requirements, procedures and related fees for originating, refinancing and servicing HECMs. Any of these changes may result in HECM MBS backed by participations related to HECMs subject to different underwriting or servicing requirements or procedures. Such changes may impact borrower prepayment, delinquency, refinance and mortgage insurance claim rates and may influence the decision by a Ginnie Mae issuer whether to exercise any optional Ginnie Mae issuer purchase event.

**The enforceability of some HECM maturity event clauses may be uncertain.** HECMs contain clauses defining maturity events. The clauses in some HECMs permit the issuer to declare the HECM due and payable upon the death of the last surviving borrower. Litigation by surviving non-borrower spouses may interfere with or affect the ability of the issuer to realize upon the collateral. The inability to enforce a due-on-death clause may affect the weighted average lives and the yields realized by investors in the securities.

**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.

**HECM borrowers may choose from various payment plans, each of which has different prepayment characteristics that may affect the weighted average lives and yields of the securities.** For example, line of credit payment plans may experience higher prepayment rates than other payment plans. To the extent that the HECMs include a large concentration of line of credit HECMs, such HECMs may experience higher prepayment rates. Higher prepayment rates will reduce, perhaps significantly, the weighted average lives of the securities. Reductions in the weighted average lives of the securities will affect the yields on the securities. HECM borrowers may have the ability to change to another available payment plan at any time as long as the change complies with the FHA requirements in effect. See "The Trust Assets — The Participations and the HECMs" in this supplement.

**A HECM that has been drawn up to its principal limit, or becomes drawn up to its principal limit early in its term, could result in a reduction of the weighted average lives of and yields on the related securities.**

A borrower's principal limit for a HECM represents the maximum disbursement that the borrower can receive under the HECM and is calculated, in part, on the basis of the maximum claim amount for such HECM. The borrower's access to the principal limit may be restricted by the FHA loan origination requirements applicable to the related HECM. The maximum claim amount for a HECM generally represents the lender's maximum insurance claim from HUD for such HECM. A HECM with a loan balance that is approaching or has reached its principal limit, or that is fully drawn early in its term, is likely to reach its maximum claim amount sooner than a HECM with significant remaining credit availability that is drawn over an extended period of time. When a HECM approaches its maximum claim amount, a mandatory purchase event or a 98% optional purchase event may occur. If a purchase of all participations relating to a HECM occurs under



such a Ginnie Mae issuer purchase event, the purchase will result in a payment in respect of the related securities and will reduce the weighted average lives of such securities. Reductions in the weighted average lives of the securities will affect, perhaps significantly, the yields on the securities.

***The levels of one-month LIBOR and one-year LIBOR, as applicable, will affect payments and yields on the group 1, 2, 4, 5 and 6 securities.*** If one-month LIBOR or one-year LIBOR, as applicable, performs differently from what you expect, the yield on your securities may be lower than you expect. Lower levels of one-month LIBOR or one-year LIBOR, as applicable, may reduce the yield on floating rate securities. You should bear in mind that the timing of changes in one-month LIBOR or one-year LIBOR, as applicable, may also affect your yield: generally the earlier a change in one-month LIBOR or one-year LIBOR, as applicable, occurs, the greater the effect such change will have on your yield. It is doubtful that one-month LIBOR or one-year LIBOR will remain constant.

In addition, higher levels of one-month LIBOR or one-year LIBOR, as applicable, will increase the rate at which adjustable rate HECMs reach their maximum claim amounts. When a HECM approaches its maximum claim amount, certain Ginnie Mae issuer purchase events could occur resulting in a prepayment in respect of the related securities and reductions in the weighted average lives of the related securities. Reductions in the weighted average lives of the securities will affect, perhaps significantly, the yields on the securities.

***One-month LIBOR and one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets, as applicable, may not equal one-month LIBOR and one-year LIBOR for the group 1, 2 and 6 securities, as applicable, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2 and 6 securities.*** One-month LIBOR and one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust

assets may be determined at different times and from a different source than one-month LIBOR or one-year LIBOR on the related securities. In addition, the annual adjustable rate HECMs related to the participations underlying each group 2 and 6 trust asset may have different interest rate adjustment dates, which may affect the WACR of the related HECM MBS and may magnify the difference between the WACR of the related trust asset group and the interest rates on the related securities.

If one-month LIBOR or one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets is lower than one-month LIBOR or one-year LIBOR, as applicable, for the related securities for any accrual period, interest accruals with respect to the related notional class will be reduced because such notional class is entitled to receive the excess of interest accrued in respect of the related trust assets over the interest distributable to the related floating rate class. In addition, if one-month LIBOR or one-year LIBOR for the HECMs related to the participations underlying the 1, 2 and 6 trust assets is significantly lower than one-month LIBOR or one-year LIBOR, as applicable, for the related securities for any accrual period, interest accruing on the related floating rate class will be reduced because the interest rate on such floating rate class is capped at a rate equal to the weighted average coupon rate of the related HECM MBS. In the event that one-month LIBOR or one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets is higher than one-month LIBOR or one-year LIBOR, as applicable, for the related securities, interest accruing on the related floating rate class will not be affected but interest accruals with respect to the related notional class will be increased.

***Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2, 4, 5 and 6 securities.*** If one-month LIBOR or one-year LIBOR, as applicable, increases to a sufficiently high level, the interest rates on the adjustable rate HECMs related to the partic-

ipations underlying the group 1, 2, 4, 5 and 6 trust assets may be limited by caps. As a result, the WACR on the related HECM MBS, as well as the interest rates on the related securities, may be limited. The application of any caps on the adjustable rate HECMs may significantly impact the interest rates on the interest only classes in groups 1, 2, 4, 5 and 6 because the interest entitlement of such classes of securities is entirely dependent on the WACR of the related trust asset group.

***The maximum rate on each floating rate class could limit the amount of interest that accrues on such class.*** Each floating rate class is subject to a maximum rate which is equal to the lesser of the related maximum rate set forth under “Terms Sheet — Interest Rates” for that class and the WACR for the related trust asset group. If one-month LIBOR or one-year LIBOR, as applicable, exceeds certain levels, the interest rate of each floating rate class may be capped at the related maximum rate set forth under “Terms Sheet — Interest Rates” for that class, even in instances when such rate is less than the WACR for the related trust asset group.

***The mortgage rate index for the HECMs related to the participations underlying the group 4 and 5 trust assets is different than the interest rate index for the group 4 and 5 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 4 and 5 securities after the initial fixed rate period of the related HECMs.*** One-year LIBOR is the mortgage rate index for the HECMs related to the participations underlying the group 4 and 5 trust assets and one-month LIBOR is the interest rate index for the group 4 and 5 securities. Because the mortgage rate indices are determined in a different manner and at different times, and because the interest rates on the group 4 and 5 securities will adjust monthly based on one-month LIBOR whereas the interest rates on the group 4 and 5 trust assets will adjust annually based on one-year LIBOR after the initial fixed rate period, there may be a mismatch between the interest rates on the group 4 and 5 trust assets and the interest rates on the group 4 and 5 securities. In addition, the annual adjustable rate HECMs

related to the participations underlying each group 4 and 5 trust asset may have different interest rate adjustment dates, which may affect the WACR of the related HECM MBS and may magnify the difference between the WACR of the related trust assets and the interest rates on the related securities.

If one-year LIBOR for the group 4 and 5 trust assets is lower than one-month LIBOR for the group 4 and 5 securities for any accrual period, interest accruals with respect to the related notional class will be reduced because such notional class is entitled to receive the excess of interest accrued in respect of the related group 4 and 5 trust assets over the interest distributable to the related floating rate classes. In addition, if one-year LIBOR for the group 4 and 5 trust assets is significantly lower than one-month LIBOR for the group 4 and 5 securities for any accrual period, interest accruing on the related floating rate class may be reduced because the interest rate on such floating rate class is capped at a rate equal to the WACR of the related group 4 and 5 trust assets. In the event that one-year LIBOR for the group 4 and 5 trust assets is higher than one-month LIBOR for the group 4 and 5 securities, interest accruing on the related floating rate class will not be affected but interest accruals with respect to the related notional class will be increased.

***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.

***Changes to, or elimination of, LIBOR could adversely affect your investment in the securities.*** On July 27, 2017, the U.K.-based Financial Conduct Authority (the “FCA”)

announced its intention to cease sustaining LIBOR after 2021. The FCA indicated that it does not intend to sustain LIBOR through using its influence or legal powers beyond that date. It is possible that the ICE Benchmark Administration (“IBA”) and the reference banks could continue to produce LIBOR on the current basis after 2021, if they are willing and able to do so, but it cannot be assured that LIBOR will survive in its current form, or at all. In the event IBA ceases to set or publish a rate for LIBOR, the Trustee shall propose a new index for approval by Ginnie Mae based upon comparable information and methodology. The Trustee shall propose an alternative index only if it receives an opinion of counsel that the selection of such alternative index will not cause the related Trust REMIC or REMICs to lose their classification as REMICs for United States federal income tax purposes. The effect of the FCA’s decision not to sustain LIBOR, or, if changes are ultimately made to LIBOR, the effect of those changes, cannot be predicted. In addition, it cannot be predicted what alternative index would be chosen should this occur. If LIBOR in its current form does not survive or if an alternative index is chosen, the market value and/or liquidity of securities with distributions or interest rates based on LIBOR could be adversely affected.

***The securities may not be a suitable investment for you.*** The securities, in particular, the interest only 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 United States 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 HECMs and the participations underlying the trust assets affect the weighted average lives and yields of your securities.*** The yield and decrement tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. Furthermore, certain of the assumed characteristics identified in Exhibit A to this supplement, such as maximum claim amount and HECM MBS principal balance, are calculated on an aggregate basis which may cause results to differ, perhaps significantly, from those calculated using the actual characteristics of the trust assets on a HECM or participation level basis. As a result, the yields on your securities could be lower than you expected, even if the HECMs prepay at the constant prepayment rates set forth in the applicable table.

It is highly unlikely that the HECMs will prepay at any of the prepayment rates assumed or draw at any of the draw rates assumed, if any, in this supplement, or at any constant rate.

***Lack of publicly available information on the HECMs and the related participations underlying the trust assets may adversely***

***affect the liquidity of your securities.*** Limited information will be made publicly available regarding the performance of the HECMs and the related participations underlying the trust assets

after the closing date. The absence of publicly available information may affect your ability to sell your securities to prospective investors.

## 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 Assets are HECM MBS guaranteed by Ginnie Mae, and are based on or backed by Participations in advances made to borrowers and related amounts in respect of HECMs. Each such HECM MBS will accrue interest at the interest rate for that HECM MBS for each accrual period (the “HECM MBS Rate”) as set forth in the related HECM MBS Disclosure Documents. The HECM MBS Rate is generally equal to the weighted average of the interest rates on the Participations (each, the “Participation Interest Rate”).

The interest rate of HECM MBS backed by Participations related to adjustable rate HECMs may be limited by caps on the adjustable rate HECMs. *See “Risk Factors — Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2, 4, 5 and 6 securities” in this Supplement.*

With respect to each Participation, the Participation Interest Rate generally equals the interest rate of the related HECM less the Servicing Fee Margin. The Servicing Fee Margin generally represents the amount of the servicing compensation payable to the Ginnie Mae Issuer and the Ginnie Mae guaranty fee. However, the Servicing Fee Margin may vary depending on the Issue Date of the HECM MBS and whether the servicing compensation for the HECM is paid on a flat monthly fee arrangement or as a portion of the mortgage interest rate.

Amounts accrued on each HECM MBS in respect of interest each month will equal the product of (i) one-twelfth of the HECM MBS Rate and (ii) the unpaid and outstanding principal amount of such HECM MBS at the end of the prior month. Each month the accrued interest with respect to each HECM MBS will be added to the then outstanding principal balance of such HECM MBS. There are no scheduled payments of interest. It is generally anticipated that no payment in respect of any HECM MBS will be paid until the occurrence of a Maturity Event, which may be deferred in certain circumstances, or in the event that a borrower makes a voluntary prepayment in whole or in part of the outstanding principal balance of the related HECM or a Ginnie Mae Issuer purchase event occurs.

The HECM MBS Disclosure Documents 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 the HECM MBS Disclosure Documents, 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.

The Participations and the related HECMs are further described in the tables in the Terms Sheet hereof and in Exhibit A to this Supplement. Exhibit A also sets forth information regarding approximate loan ages of the related HECMs and weighted average information regarding various characteristics of the HECMs relating to the Participations underlying the related HECM MBS.

### **The Participations and the HECMs**

The Participations and the related HECMs underlying the Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A and the general characteristics described in the Base Offering Circular and the HECM MBS Disclosure Documents. The Participations are related to interests in advances made to borrowers and related amounts in respect of first lien, single-family, fixed rate and adjustable rate residential HECM loans insured by the Federal Housing Administration. See *“The Ginnie Mae Certificates — General” in the Base Offering Circular.*

HECM borrowers may choose from various payment plans, which may be limited or influenced by the characteristics of their particular HECM. These characteristics include, among other things, the value of the mortgaged property, the amount disbursed to the HECM borrower at closing, the age of the HECM borrower and in certain cases the age of any non-borrowing spouse, and the type of interest rate selected by the HECM borrower at closing. HECM borrowers may have the ability to change to another available payment plan at any time as long as the change complies with FHA requirements. The “single disbursement lump sum” payment plan allows a single draw at closing of up to a specified percentage of the principal limit of the HECM plus subsequent disbursements after closing for set-asides. The “tenure” payment plan guarantees that the borrower will receive equal monthly payments for so long as the property remains the borrower’s principal residence. The “term” payment plan guarantees that the borrower will receive monthly payments for a fixed term of months as selected by the borrower. The “line of credit” payment plan allows the borrower to draw up to the available line of credit and in amounts of the borrower’s choosing. The “modified tenure” payment plan allows the borrower to set aside a portion of loan proceeds as a line of credit and receive the remaining balance in the form of equal monthly payments. The “modified term” payment plan allows the borrower to set aside a portion of the loan proceeds as a line of credit and receive the remaining balance as equal monthly payments for a fixed period of time selected by the borrower. Each payment plan is designed so that no repayments of principal or interest are required until a Maturity Event occurs, which may be deferred in certain circumstances. Any HECM may be prepaid in whole or in part at any time without penalty under each of the payment plans. See *“Risk Factors — HECM borrowers may choose from various payment plans, each of which has different prepayment characteristics that may affect the weighted average lives and yields of the securities” in this Supplement.*

Each monthly adjustable rate HECM MBS is backed by Participations related to adjustable rate HECMs with interest rates that adjust (i) on a monthly basis, (ii) in the month immediately following the issuance of the related HECM MBS and (iii) on the same interest rate adjustment date equal to the first day of the month. Each annual adjustable rate HECM MBS is backed by Participations related to adjustable rate HECMs with interest rates that adjust (i) on an annual basis, (ii) within twelve (12) months following the issuance of the related HECM MBS and (iii) notwithstanding anything to the contrary in the HECM MBS Disclosure Documents, on the same or different interest rate adjustment dates. See *“Risk Factors — One-month LIBOR and one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets, as applicable, may not equal one-month LIBOR and one-year LIBOR for the group 1, 2 and 6 securities, as applicable, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2 and 6 securities” in this Supplement and “Risk Factors — The mortgage rate index for the HECMs related to the participations underlying the group 4 and 5 trust assets is different than the interest rate index for the group 4 and 5 securities, which may impact, perhaps sig-*

nificantly, the amount of interest distributable to the group 4 and 5 securities after the initial fixed rate period of the related HECMs” in this Supplement.

Specific information regarding the individual characteristics of the Participations and the related HECMs is not available. For purposes of this Supplement, certain assumptions have been made regarding the characteristics of the Participations and the related HECMs. However, the actual characteristics of many of the Participations and the related HECMs will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Participations and the related HECMs are the same as the assumed characteristics. Small differences in the characteristics of the Participations and the related HECMs can have a significant effect on the Weighted Average Lives and yields of the Securities. See “Terms Sheet — Assumed Characteristics of the HECMs and the Participations underlying the Trust Assets,” “Risk Factors,” “Yield, Maturity and Prepayment Considerations” and Exhibit A in this Supplement.

### **The Trustee Fee**

The Sponsor will contribute certain Ginnie Mae Certificates in respect of the Trustee Fee. On each Distribution Date, the Trustee will retain all principal and interest distributions received on such Ginnie Mae Certificates in payment of 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 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 Regular Class will be issued in minimum dollar denominations of initial principal or notional balance of \$100,000 and integral multiples of \$1 in excess of \$100,000.

### **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 applicable Available Distribution Amount will be distributed to the related Holders of record as of the related Record Date. 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 or accrued as described under “Terms Sheet — Distributions” in this Supplement.

- Interest will be calculated on the basis of a 360-day year consisting of twelve 30-day months.
- Interest distributable or accrued 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.

### *Categories of Classes*

For purposes of interest distributions, the Classes will be categorized as shown under “Interest Type” on the front cover of this Supplement. The abbreviations used in this Supplement to describe the interest entitlements of the Classes are explained under “Class Types” in Appendix I to the Base Offering Circular.

### *Accrual Period*

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

<u>Class</u>	<u>Accrual Period</u>
Fixed Rate and Delay Classes	The calendar month preceding the related Distribution Date
Floating Rate Classes	From the 20th day of the month preceding the month of the related Distribution Date through the 19th day of the month of that Distribution Date

### *Fixed Rate Classes*

The Fixed Rate Classes will bear interest at the per annum Interest Rate shown on the front cover of this Supplement.

### *Floating Rate Classes*

Each of Classes FA, FD and FE will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement. The Interest Rate for each of Classes FA, FD and FE will be based on One-Month LIBOR. One-Month LIBOR will equal the average of the London interbank offered rates for one-month United States dollar deposits as published in the Wall Street Journal thirty days prior to the first day of the month in which the related Accrual Period begins (or, if such date is not a Business Day, the immediately preced-

ing Business Day). If such rate ceases to be published in the Wall Street Journal or becomes unavailable for any reason, then the rate will be based upon a new index selected by the Trustee, from the list of indices approved for use with HUD-insured HECMs, which will be announced as soon as it is available. In the case of the Group 1 Securities, the Trustee may use different values of One-Month LIBOR than those that are used for the related HECMs, which relate to the Participations underlying the related HECM MBS. *See “Risk Factors — One-month LIBOR and one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets, as applicable, may not equal one-month LIBOR and one-year LIBOR for the group 1, 2 and 6 securities, as applicable, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2 and 6 securities” in this Supplement.*

Each of Classes FB and FG will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement. The Interest Rates for each of Classes FB and FG will be based on One-Year LIBOR and will adjust annually. One-Year LIBOR will equal the average of the London interbank offered rates for one-year United States dollar deposits as published in the Wall Street Journal thirty days prior to the first day of January of each year following the first Distribution Date (or, if such date is not a Business Day, the immediately preceding Business Day). If such rate ceases to be published in the Wall Street Journal or becomes unavailable for any reason, then the rate will be based upon a new index selected by the Trustee, from the list of indices approved for use with HUD-insured HECMs, which will be announced as soon as it is available. In the case of the Group 2 and 6 Securities, the Trustee may use different values of One-Year LIBOR than those that are used for the related HECMs, which relate to the Participations underlying the related HECM MBS. *See “Risk Factors — One-month LIBOR and one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets, as applicable, may not equal one-month LIBOR and one-year LIBOR for the group 1, 2 and 6 securities, as applicable, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2 and 6 securities” in this Supplement.*

*For additional information regarding the manner in which the Trustee determines One-Month LIBOR and One-Year LIBOR and calculates the Interest Rates for the Floating Rate Classes, see “Description of the Securities — Interest Rate Indices — Determination of LIBOR” in the Base Offering Circular.* We can provide no assurance that One-Month LIBOR or One-Year LIBOR for a Distribution Date accurately represents the offered rate at which one-month U.S. dollar deposits or one-year U.S. dollar deposits are being quoted to prime banks in the London interbank market, nor that the procedures for calculating the rates for one-month U.S. dollar deposits or one-year U.S. dollar deposits will not change. Any change in One-Month LIBOR or One-Year LIBOR values resulting from any change in reporting or in the determination of One-Month LIBOR or One-Year LIBOR may cause One-Month LIBOR or One-Year LIBOR, as applicable, to fluctuate disproportionately to changes in other market lending rates.

#### *HECM MBS Weighted Average Coupon Classes*

Each HECM MBS Weighted Average Coupon Class will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement.

The interest that will be distributed or accrued, as applicable, on each HECM MBS Weighted Average Coupon Class will be limited by the interest that is distributed or accrued in respect of the related Trust Assets. With respect to the Participations underlying the group 1, 2, 4, 5 and 6 Trust Assets, *see “Risk Factors — One-month LIBOR and one-year LIBOR for the HECMs related to the participations underlying the group 1, 2 and 6 trust assets, as applicable, may not equal one-month LIBOR and one-year LIBOR for the group 1, 2 and 6 securities, as applicable, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2 and 6 securities” in this Supplement, “Risk Factors — Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may*



*limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2, 4, 5 and 6 securities” in this Supplement and “Risk Factors — The mortgage rate index for the HECMs related to the participations underlying the group 4 and 5 trust assets is different than the interest rate index for the group 4 and 5 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 4 and 5 securities after the initial fixed rate period of the related HECMs” in this Supplement.*

The Trustee’s determinations of One-Month LIBOR and One-Year LIBOR and its calculations of the Interest Rates will be final except in the case of clear error. Investors can obtain One-Month LIBOR and One-Year 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.

#### *HECM MBS Accrual Classes*

Each of Classes BA, BZ, FA, FB, FD, FE, FG, JA and JZ is a HECM MBS Accrual Class. Interest will accrue on each HECM MBS Accrual Class and be distributed as described under “HECM MBS Accrual Class” in Appendix II to the Base Offering Circular.

#### *Deferred Interest Amounts*

Any interest accrued and unpaid on a Notional Class during the Accrual Period for any Distribution Date that is not distributed because of an insufficiency in the related Available Distribution Amount for such Distribution Date increases the related Deferred Interest Amount for such Notional Class. Any such amounts distributable to the Holders of a Notional Class will be paid no later than the Final Distribution Date of such Notional Class.

### **Principal Distributions**

Amounts distributable in respect of principal will be distributed to the Holders entitled thereto as described under “Terms Sheet — Distributions” 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 front cover of this Supplement. The abbreviations used in this Supplement to describe the principal entitlements of the Classes are explained under “Class Types” in Appendix I to the Base Offering Circular.

#### *Notional Classes*

The Notional Classes will not receive principal distributions based on their Class Notional Balances. For convenience in describing interest distributions, the Notional Classes will have the original Class Notional Balances shown on the front cover of this Supplement. The Class Notional Balances will be reduced or increased as shown under “Terms Sheet — Notional Classes” in this Supplement.

### **Residual Securities**

The Class RR and RR3 Securities will represent the beneficial ownership of the Residual Interest in the related Issuing REMIC and the beneficial ownership of the Residual Interest in the related Pooling REMIC, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering

Circular. The Class RR and RR3 Securities have no Class Principal Balance and do not accrue interest. The Class RR and RR3 Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the related Trust REMICs after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities in the related Security Group or Groups 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 a HECM MBS Accrual Class) or any addition to or reduction of Class Notional Balance on that Distribution Date (each, a “Class Factor”).

- The Class Factor for any Class of Securities for each month following the issuance of the Securities will reflect its remaining Class Principal Balance (or Class Notional Balance) after giving effect to any principal distribution (or addition to principal) to be made or any addition to or 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.
- 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. On any Distribution Date upon the Trustee’s determination that the REMIC status of any Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year, the Trustee will terminate such Trust REMIC and any related Trust REMIC and retire the related Securities. For these purposes, the Trust REMICs and the Securities with corresponding numerical designations are related as follows:

<u>Trust REMICs</u>	<u>Residual Securities</u>
Group 3 Issuing and Pooling REMICs	Group 3 Securities
Group 1, 2 and 4 through 7 Issuing and Pooling REMICs	Group 1, 2 and 4 through 7 Securities

Upon any termination of the Trust (or one or more related Trust REMICs), the Holder of any related 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 related 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 (including any related Deferred Interest Amount). The Residual Holders will be entitled to their pro rata share of any assets remaining in the related Trust REMICs after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

With respect to Security Group 3, a Holder of all of the outstanding Regular Securities of any such Security Group and the related Class of Residual Securities shall have the right to purchase the related

Trust Assets upon three Business Days' notice (the "Notice Period"). The purchase shall be for cash in an amount equal to (A)(i) the aggregate remaining principal balance of the Trust Assets of such Security Group, but in no event less than the aggregate outstanding principal amount of the Securities of such Security Group, plus (ii) accrued interest on the Securities of such Security Group, less (B) amounts on deposit in the related Trust REMIC or Trust REMICs, for distribution on the Securities of such Security Group, plus (C) a \$5,000 termination fee payable to the Trustee in connection with each Security Group to be terminated. After the Notice Period, and upon such purchase, the Trustee will terminate the related Trust REMIC or Trust REMICs. Upon such termination, the Trustee will distribute the cash proceeds of the sale of the related Trust Assets to the Holder of the related Securities (which distribution may be offset against amounts due on the sale of such assets), will cancel the Securities of the related Security Group and cause the removal from the Book-Entry Depository Account of all Classes of the related Security Group, will cancel the related Class of Residual Securities, and will credit the remaining Trust Assets in the related Security Group to the account of the surrendering Holder.

Notwithstanding anything to the contrary contained herein, no such termination will be allowed unless the Trustee and Ginnie Mae are provided, at no cost to either the Trustee or Ginnie Mae, an Opinion of Counsel, acceptable to the Trustee and Ginnie Mae, to the effect that such termination constitutes a "qualified liquidation" under the REMIC Provisions, including Section 860F(a)(4) of the Code, and such termination will not result in a disqualification of any Trust REMIC that is not terminated at such time or the imposition of any "prohibited transactions" or "contributions" tax under the REMIC Provisions on any Trust REMIC that is not terminated at such time.

## **YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS**

### **General**

The prepayment experience of the HECMs will affect the Weighted Average Lives of and the yields realized by investors in the related Securities.

- The rate of principal payments (including prepayments or partial payments) of the HECMs relating to the Participations underlying the Securities depends on a variety of economic, geographic, social and other factors, including prevailing market interest rates, home values, HECM borrower mortality, qualifying non-borrowing spouse mortality, divorce rates, changes in the value of the mortgaged property, the HECM borrower's ability to draw down additional funds without refinancing, FHA guidelines regarding HECMs, servicing decisions and court imposed limits on the rights and remedies available to a Ginnie Mae Issuer under the HECMs, and will affect the Weighted Average Lives and yields realized by investors in the related Securities. HECMs may respond differently than traditional forward mortgage loans to the factors that influence prepayment.

With respect to the related Trust Assets, the occurrence of any of the following events with respect to a HECM related to the Participations underlying the related HECM MBS (each a "Maturity Event") will, subject to deferral in certain circumstances, result in the holders of the Securities being entitled to a distribution of principal:

- if a borrower dies and the property is not the principal residence of at least one surviving borrower,
- if a borrower conveys all of his or her title in the mortgaged property and no other borrower retains title to the mortgaged property,
- if the mortgaged property ceases to be the principal residence of a borrower for reasons other than death and the mortgaged property is not the principal residence of at least one surviving borrower,

- if a borrower fails to occupy the mortgaged property for a period of longer than 12 consecutive months because of physical or mental illness and the mortgaged property is not the principal residence of at least one other borrower, or
- if a borrower fails to perform any of its obligations under the HECM (for example, the failure of the borrower to make certain agreed upon repairs to the mortgaged property or the failure of the borrower to pay taxes and hazard insurance premiums).

Some HECMs may provide for the deferral of a Maturity Event when the last surviving borrower dies with a non-borrowing spouse who satisfies FHA qualifying attributes and ongoing requirements for deferral. This deferral ceases when the non-borrowing spouse fails to qualify or satisfy FHA requirements for deferral, at which point the Maturity Event is no longer deferred and the HECM will become due and payable in accordance with FHA procedures.

Generally, a HECM is not repaid immediately upon the occurrence of a Maturity Event, but continues to accrue interest until the liquidation of the related mortgaged property and the repayment of the HECM or the receipt of insurance proceeds from FHA. Any resulting shortfall to investors in the related Securities with respect to any Participations in the related HECM will be covered by Ginnie Mae pursuant to its guaranty of the Securities.

A Ginnie Mae Issuer is obligated to purchase all Participations related to a HECM when the outstanding principal amount of the related HECM is equal to or greater than 98% of the “Maximum Claim Amount,” and a Ginnie Mae Issuer has the option to purchase all Participations related to a HECM to the extent that any borrower’s request for an additional advance in respect of any HECM, if funded, together with the outstanding principal amount of the related HECM is equal to or greater than 98% of the “Maximum Claim Amount” or when a HECM becomes, and continues to be, due and payable in accordance with its terms, as applicable (any such purchase referred to herein as a “Ginnie Mae Issuer Purchase Event”). In connection with such repurchase, the Ginnie Mae Issuer will pay an amount (the “Release Price”) equal to the outstanding principal amount of all of the Participations related to such HECMs, and Ginnie Mae will relinquish all right, title and interest it has in the HECMs and the related Participations. With respect to each Participation, the “outstanding principal amount” of such Participation is the original principal amount of such Participation as of the related Issue Date of the related HECM MBS, increased by the Accrued Interest with respect to such Participation and decreased by any payments made in respect of such Participation. For purposes of determining the Release Price, the “Accrued Interest” with respect to any Participation is the aggregate interest accrued, compounded on a monthly basis, allocable to the Participation at the related Participation Interest Rate for each month (in each case, after taking into account any payments made in reduction of such Participation) from and including the Issue Date through the last day of the reporting month (as such term is defined in the Ginnie Mae guaranty agreement for the related HECM MBS) in which the Participation is to be purchased. The Participations relating to the HECM must be purchased by the Ginnie Mae Issuer at the end of the reporting month in which the outstanding principal balance of the HECM equals or exceeds 98% of the Maximum Claim Amount for such HECM. The Release Price will be passed through to the related securityholders on the Distribution Date following the month in which such Ginnie Mae Issuer Purchase Event occurs.

Higher levels of One-Month LIBOR or One-Year LIBOR, as applicable, and additional draws on HECMs will increase the rate at which the related HECMs will reach their Maximum Claim Amounts. Any payment in respect of the related Securities resulting from a Ginnie Mae Issuer Purchase Event will reduce the Weighted Average Lives of such Securities and will affect, perhaps significantly, the yields on such Securities.

The occurrence of voluntary prepayments by a borrower, Maturity Events and Ginnie Mae Issuer Purchase Events will accelerate the distribution of principal of the Securities. It is uncertain when any amounts might be paid on securities backed by Participations in HECMs because it is uncertain (i) whether a HECM borrower will choose to prepay amounts advanced in whole or in part, (ii) when any Maturity Event might occur and whether that Maturity Event will be deferred and (iii) when any Ginnie Mae Issuer Purchase Event might occur. Investors in the Securities are urged to review the discussion under “*Risk Factors — It is uncertain when payments will be made in respect of securities backed by HECM MBS*” in this Supplement and also the HECM MBS Disclosure Documents.

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.

### **Final Distribution Date**

The Final Distribution Date for each Class, which is set forth on the front cover of this Supplement, is the latest date on which the related Class Principal Balance or Class Notional Balance will be reduced to zero. In the case of each Notional Class, the related Deferred Interest Amount will be reduced to zero no later than the Final Distribution Date for such Notional Class.

- 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**

The tables that follow have been prepared on the basis of the following assumptions (the “Modeling Assumptions”), among others:

1. The HECMs and related Participations underlying the Trust Assets have the assumed characteristics shown in Exhibit A.
2. The HECMs prepay at the constant percentages of the prepayment curve (described below and in Exhibit B) shown in the related table.
3. Draw activity occurs on the first day of the month and payments on the HECMs occur on the last day of the month, whether or not a Business Day, commencing in January 2019.
4. Distributions, if any, on the Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in February 2019.
5. A termination of the Trust or any Trust REMIC does not occur.
6. The Closing Date for the Securities is January 30, 2019.
7. No expenses or fees are paid by the Trust other than the Trustee Fee, which is paid as described under “The Trust Assets — The Trustee Fee” in this Supplement.
8. HECM borrowers who have the ability to do so draw at the annualized draw rate determined in accordance with the constant percentages of the draw curve shown in Exhibit C (the “Draw Rate”). The Draw Rate (converted to an equivalent monthly factor) is applied to the Maximum Claim Amount.
9. If a mandatory Ginnie Mae Issuer Purchase Event occurs with respect to a HECM, the purchase of the related Participation timely occurs. No optional Ginnie Mae Issuer Purchase Events occur.
10. The initial Interest Rates on the Group 1 Securities will be based on the initial rates as shown under “Terms Sheet — Interest Rates” in this Supplement; however, the interest rate on the Group 1

adjustable rate HECMs for the first Distribution Date is based on the information set forth in Exhibit A. On all Distribution Dates occurring after the first Distribution Date, the value of One-Month LIBOR on the Group 1 adjustable rate HECMs is assumed to be the same as the value of One-Month LIBOR on the Group 1 Securities. For purposes of the Group 1 decrement tables, on all Distribution Dates occurring after the first Distribution Date, the constant value of One-Month LIBOR shown with respect to any such decrement table is used to calculate the interest rate with respect to the Group 1 adjustable rate HECMs and to the applicable Class.

11. The initial Interest Rates on the Group 4 and 5 Securities will be based on the initial rates as shown under “Terms Sheet — Interest Rates” in this Supplement; however, the interest rate on the Group 4 and 5 adjustable rate HECMs for each period preceding the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A is based on the information set forth in Exhibit A. For purposes of the Group 4 and 5 decrement tables, in all periods on or subsequent to the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A, the constant value of One-Year LIBOR shown with respect to any such decrement table is used to calculate the interest rate with respect to the Group 4 and 5 HECMs, while on all Distribution Dates occurring after the first Distribution Date, the constant value of One-Month LIBOR shown with respect to any such decrement table is used to calculate the interest rate with respect to the applicable Class.

12. The initial Interest Rates on the Group 2 and 6 Securities will be based on the initial rates as shown under “Terms Sheet — Interest Rates” in this Supplement; however, the interest rate on the Group 2 and 6 adjustable rate HECMs for each period preceding the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A is based on the information set forth in Exhibit A. The Interest Rates on the Group 2 and 6 Floating Rate Securities will adjust annually at the beginning of the Accrual Period related to the Distribution Date in February 2020. For purposes of the Group 2 and 6 decrement tables, in all periods on or subsequent to the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A, the constant value of One-Year LIBOR shown with respect to any such decrement table is used to calculate the interest rate with respect to the Group 2 and 6 HECMs, while on all Distribution Dates occurring after the first Distribution Date, the constant value of One-Year LIBOR shown with respect to any such decrement table is used to calculate the interest rate with respect to the applicable Class.

13. The HECMs and the Participations underlying the Group 2, 4, 5 and 6 Trust Assets each have annual interest rate adjustment caps of 2%. There are no periodic interest rate adjustment caps on the HECMs and the Participations underlying the Group 1 Trust Assets.

14. The original term of the HECMs is 50 years. If a HECM remains outstanding after its original term of 50 years, a mandatory Ginnie Mae Issuer Purchase Event occurs with respect to such HECM.

15. No borrower changes payment plans.

16. Draws occur each month in respect of the Monthly Servicing Fee, if any, as set forth on Exhibit A. No draws occur in respect of any set asides for property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs.

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 HECMs will not have the characteristics assumed, many Distribution Dates will occur on a Business Day after the 20th of the month, draw activity and prepayments, if any, will occur throughout the month, draws will occur in respect of set asides for property charges and repairs, the Trustee may cause a termination of the Trust as described under

“Description of the Securities — Termination” in this Supplement and One-Month LIBOR on the Group 1, 4 and 5 Securities may differ from One-Month LIBOR or One-Year LIBOR, as applicable, on the related adjustable rate HECMs and One-Year LIBOR on the Group 2 and 6 Securities may differ from One-Year LIBOR on the related adjustable rate HECMs.

- In addition, distributions on the Securities are based on Certificate Factors and Calculated Certificate Factors, as 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 is based on a prepayment curve (“PPC”) consisting of a series of Constant Prepayment Rates (“CPRs”). CPR is the standard prepayment assumption model of The Securities Industry and Financial Markets Association. CPR represents a constant rate of prepayment on the HECMs each month relative to the then outstanding aggregate principal balance of the HECMs for the life of those HECMs. See “Yield, Maturity and Prepayment Considerations — Standard Prepayment Assumption Models” in the Base Offering Circular.

The PPC and Draw Rates are based on the respective percentages in effect beginning on each Distribution Date as indicated in Exhibits B and C.

The decrement tables set forth below are based on the assumption that the HECMs prepay at the indicated percentages of PPC (the “PPC Prepayment Assumption Rates”). As used in the tables, each of the PPC Prepayment Assumption Rates reflects a percentage of the 100% PPC assumed prepayment curve. **The HECMs will not prepay at any of the PPC Prepayment Assumption Rates, and the timing of changes in the rate of prepayments actually experienced on the HECMs will not follow the pattern described for the PPC 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 Class, based on the assumptions that the related HECMs prepay at the PPC Prepayment Assumption Rates set forth in such tables, One-Month LIBOR and One-Year LIBOR, as applicable, are constant at the rates set forth in such tables and draws, if any, occur at the Draw Rates set forth in Exhibit C. 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 PPC Prepayment Assumption Rate and each indicated level of One-Month LIBOR and One-Year LIBOR, as applicable. 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 a 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 based on its Class Notional Balance 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 and further does not factor in any entitlement to the applicable Deferred Interest Amount. See the footnotes below related to the decrement tables for each Notional Class.

**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 HECMs related to the Participations 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 PPC Prepayment Assumption Rates															
Distribution Date	Class AI* 2.50000% One-Month LIBOR					Class AI* 3.50000% One-Month LIBOR					Class AI* 5.97967% One-Month LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	94	90	86	82	106	94	91	87	83	108	96	93	89	85
January 2021	110	86	79	72	66	112	88	81	74	67	117	92	84	77	70
January 2022	115	79	69	59	51	118	81	71	61	53	127	87	76	65	56
January 2023	120	71	58	48	38	125	74	61	50	40	135	79	65	53	43
January 2024	123	62	48	37	28	129	65	50	38	29	136	68	53	40	30
January 2025	125	52	38	27	19	129	54	39	28	20	94	39	29	20	14
January 2026	127	44	30	20	13	118	41	27	18	12	25	8	6	4	2
January 2027	124	35	22	13	8	96	27	17	10	6	1	0	0	0	0
January 2028	106	24	14	8	4	20	4	2	1	1	0	0	0	0	0
January 2029	18	3	2	1	0	5	1	1	0	0	0	0	0	0	0
January 2030	17	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2031	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	9.4	6.0	5.0	4.2	3.6	8.2	5.8	4.9	4.2	3.6	6.3	5.2	4.5	4.0	3.5

PPC Prepayment Assumption Rates										
Distribution Date	Class AI* 8.45933% One-Month LIBOR					Class AI* 10.93900% One-Month LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	110	98	94	90	86	112	100	96	92	88
January 2021	122	96	88	80	73	125	99	91	83	75
January 2022	133	91	79	69	59	139	95	83	72	62
January 2023	140	82	68	56	45	121	71	59	48	39
January 2024	61	30	24	18	14	39	19	14	11	8
January 2025	24	10	7	5	3	19	8	6	4	3
January 2026	2	1	0	0	0	2	1	0	0	0
January 2027	1	0	0	0	0	1	0	0	0	0
January 2028	0	0	0	0	0	0	0	0	0	0
January 2029	0	0	0	0	0	0	0	0	0	0
January 2030	0	0	0	0	0	0	0	0	0	0
January 2031	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	5.2	4.7	4.2	3.7	3.3	4.8	4.4	4.0	3.6	3.2

\* The decrement tables for Class AI reflect only the Class AI Notional Balance at various rates of PPC and at various levels of One-Month LIBOR. In addition to the current interest accrual amount on the Class AI Notional Balance at the Class AI Interest Rate, Class AI is entitled to the Class AI Deferred Interest Amount. No representation is made about the timing of distributions of the Class AI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class AI.

**Security Group 1  
PPC Prepayment Assumption Rates**

Distribution Date	Class FA 2.50000% One-Month LIBOR					Class FA 3.50000% One-Month LIBOR					Class FA 5.97967% One-Month LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	103	94	90	86	82	104	94	91	87	83	106	96	93	89	85
January 2021	106	86	79	72	66	108	88	81	74	67	113	92	84	77	70
January 2022	109	79	69	59	51	112	81	71	61	53	121	87	76	65	56
January 2023	112	71	58	48	38	117	74	61	50	40	127	79	65	53	43
January 2024	114	62	48	37	28	119	65	50	38	29	127	68	53	40	30
January 2025	114	52	38	27	19	118	54	39	28	20	87	39	29	20	14
January 2026	115	44	30	20	13	107	41	27	18	12	23	8	6	4	2
January 2027	111	35	22	13	8	86	27	17	10	6	1	0	0	0	0
January 2028	94	24	14	8	4	18	4	2	1	1	0	0	0	0	0
January 2029	16	3	2	1	0	5	1	1	0	0	0	0	0	0	0
January 2030	15	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2031	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	9.4	6.0	5.0	4.2	3.6	8.2	5.8	4.9	4.2	3.6	6.3	5.2	4.5	4.0	3.5

**PPC Prepayment Assumption Rates**

Distribution Date	Class FA 8.45933% One-Month LIBOR					Class FA 10.93900% One-Month LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	109	98	94	90	86	110	100	96	92	88
January 2021	119	96	88	80	73	122	99	91	83	75
January 2022	128	91	79	69	59	134	95	83	72	62
January 2023	134	82	68	56	45	116	71	59	48	39
January 2024	58	30	24	18	14	38	19	14	11	8
January 2025	22	10	7	5	3	18	8	6	4	3
January 2026	2	1	0	0	0	2	1	0	0	0
January 2027	1	0	0	0	0	1	0	0	0	0
January 2028	0	0	0	0	0	0	0	0	0	0
January 2029	0	0	0	0	0	0	0	0	0	0
January 2030	0	0	0	0	0	0	0	0	0	0
January 2031	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	5.2	4.7	4.2	3.7	3.3	4.8	4.4	4.0	3.6	3.2

**Security Group 2  
PPC Prepayment Assumption Rates**

Distribution Date	Class BI* 3.05000% One-Year LIBOR					Class BI* 4.05000% One-Year LIBOR					Class BI* 5.39433% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	100	98	97	95	105	100	99	97	95	105	101	99	97	96
January 2021	110	97	93	89	85	111	99	95	91	87	113	100	96	92	88
January 2022	115	93	86	80	74	118	95	88	82	76	121	98	91	84	78
January 2023	121	88	78	70	62	125	91	81	72	64	130	94	84	75	66
January 2024	127	82	70	59	50	133	85	73	62	52	140	90	77	65	55
January 2025	133	75	61	49	39	140	79	64	52	42	150	84	69	55	44
January 2026	140	68	52	40	30	149	72	56	43	32	160	78	60	46	34
January 2027	145	60	44	31	22	154	64	47	33	24	162	67	49	35	25
January 2028	150	53	36	24	16	157	55	38	25	16	153	53	36	24	16
January 2029	153	44	28	18	11	148	43	27	17	10	93	27	17	11	6
January 2030	155	37	22	13	7	122	29	17	10	5	19	5	3	2	1
January 2031	143	28	15	8	4	88	17	9	5	2	1	0	0	0	0
January 2032	120	18	9	4	2	18	3	2	1	0	1	0	0	0	0
January 2033	86	10	5	2	1	1	0	0	0	0	1	0	0	0	0
January 2034	17	2	1	0	0	1	0	0	0	0	1	0	0	0	0
January 2035	18	1	1	0	0	1	0	0	0	0	0	0	0	0	0
January 2036	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
January 2037	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2038	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2039 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	9.0	7.5	6.4	5.5	11.8	8.9	7.5	6.4	5.6	10.1	8.5	7.3	6.4	5.6

**PPC Prepayment Assumption Rates**

Distribution Date	Class BI* 6.73867% One-Year LIBOR					Class BI* 8.08300% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	105	101	99	97	96	105	101	99	97	96
January 2021	113	100	96	92	88	113	100	96	92	88
January 2022	123	100	92	86	79	124	100	93	86	79
January 2023	134	97	87	77	68	136	99	88	78	69
January 2024	146	94	80	68	58	150	96	82	70	59
January 2025	159	90	73	59	47	164	92	75	61	49
January 2026	164	80	62	47	35	158	77	59	45	34
January 2027	157	65	47	34	24	135	56	40	29	20
January 2028	93	32	22	15	10	21	8	5	4	2
January 2029	21	6	4	3	2	2	1	0	0	0
January 2030	1	0	0	0	0	1	0	0	0	0
January 2031	1	0	0	0	0	1	0	0	0	0
January 2032	1	0	0	0	0	0	0	0	0	0
January 2033	0	0	0	0	0	0	0	0	0	0
January 2034	0	0	0	0	0	0	0	0	0	0
January 2035	0	0	0	0	0	0	0	0	0	0
January 2036	0	0	0	0	0	0	0	0	0	0
January 2037	0	0	0	0	0	0	0	0	0	0
January 2038	0	0	0	0	0	0	0	0	0	0
January 2039 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.9	8.0	7.1	6.3	5.6	8.3	7.8	6.9	6.1	5.5

\* The decrement tables for Class BI reflect only the Class BI Notional Balance at various rates of PPC and at various levels of One-Year LIBOR. In addition to the current interest accrual amount on the Class BI Notional Balance at the Class BI Interest Rate, Class BI is entitled to the Class BI Deferred Interest Amount. No representation is made about the timing of distributions of the Class BI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class BI.

**Security Group 2  
PPC Prepayment Assumption Rates**

Distribution Date	Class FB 3.05000% One-Year LIBOR					Class FB 4.05000% One-Year LIBOR					Class FB 5.39433% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	103	100	98	97	95	103	100	99	97	95	103	100	99	97	96
January 2021	107	97	93	89	85	108	99	95	91	87	109	100	96	92	88
January 2022	110	93	86	80	74	113	95	88	82	76	116	98	91	84	78
January 2023	114	88	78	70	62	117	91	81	72	64	122	94	84	75	66
January 2024	118	81	70	59	50	123	85	73	62	52	129	90	77	65	55
January 2025	122	75	61	49	39	128	79	64	52	42	137	84	69	55	44
January 2026	126	68	52	40	30	134	72	56	43	32	144	78	60	46	34
January 2027	129	60	44	31	22	137	64	47	33	24	144	67	49	35	25
January 2028	132	53	36	24	16	138	55	38	25	16	136	53	36	24	16
January 2029	132	44	28	18	11	129	43	27	17	10	82	27	17	11	6
January 2030	133	37	22	13	7	105	29	17	10	5	17	5	3	2	1
January 2031	122	28	15	8	4	75	17	9	5	2	1	0	0	0	0
January 2032	101	18	9	4	2	15	3	2	1	0	1	0	0	0	0
January 2033	71	10	5	2	1	1	0	0	0	0	1	0	0	0	0
January 2034	14	2	1	0	0	1	0	0	0	0	1	0	0	0	0
January 2035	14	1	1	0	0	1	0	0	0	0	0	0	0	0	0
January 2036	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
January 2037	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2038	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2039 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	9.0	7.5	6.4	5.5	11.8	8.9	7.5	6.4	5.6	10.0	8.5	7.3	6.4	5.6

**PPC Prepayment Assumption Rates**

Distribution Date	Class FB 6.73867% One-Year LIBOR					Class FB 8.08300% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	103	100	99	97	96	103	100	99	97	96
January 2021	111	100	96	92	88	111	100	96	92	88
January 2022	118	99	92	86	79	119	100	93	86	79
January 2023	127	97	87	77	68	129	98	88	78	69
January 2024	136	94	80	68	58	139	96	82	70	59
January 2025	146	89	73	59	47	149	92	75	61	49
January 2026	149	80	62	47	35	142	77	59	45	34
January 2027	141	65	47	34	24	120	56	40	29	20
January 2028	83	32	22	15	10	19	8	5	4	2
January 2029	18	6	4	3	2	2	1	0	0	0
January 2030	1	0	0	0	0	1	0	0	0	0
January 2031	1	0	0	0	0	1	0	0	0	0
January 2032	1	0	0	0	0	0	0	0	0	0
January 2033	0	0	0	0	0	0	0	0	0	0
January 2034	0	0	0	0	0	0	0	0	0	0
January 2035	0	0	0	0	0	0	0	0	0	0
January 2036	0	0	0	0	0	0	0	0	0	0
January 2037	0	0	0	0	0	0	0	0	0	0
January 2038	0	0	0	0	0	0	0	0	0	0
January 2039 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.9	8.0	7.1	6.3	5.6	8.3	7.8	6.9	6.1	5.5

**Security Group 3  
PPC Prepayment Assumption Rates**

Distribution Date	Class JA					Class JI*					Class JZ				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	104	101	99	98	97	104	101	99	98	97	104	104	104	104	104
January 2021	107	98	94	91	87	109	98	94	91	87	109	109	109	109	109
January 2022	111	93	87	81	75	114	93	87	81	75	114	114	114	114	114
January 2023	115	87	78	70	62	119	87	78	70	62	119	119	119	119	119
January 2024	119	80	68	58	49	124	80	69	58	49	124	124	124	124	124
January 2025	123	73	59	47	37	129	73	59	47	37	129	129	129	129	129
January 2026	128	65	49	37	26	135	65	49	37	26	135	135	135	135	135
January 2027	131	56	40	27	17	140	57	40	27	17	141	141	141	141	141
January 2028	136	49	31	19	10	146	49	32	19	10	147	147	147	147	147
January 2029	141	41	24	12	4	152	41	24	12	4	154	154	154	154	154
January 2030	146	34	17	6	0	159	34	17	6	0	161	161	161	161	159
January 2031	151	27	11	2	0	166	27	11	2	0	168	168	168	168	104
January 2032	156	21	6	0	0	173	21	6	0	0	175	175	175	140	65
January 2033	96	6	0	0	0	107	6	0	0	0	183	183	133	59	25
January 2034 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.0	8.7	7.1	6.0	5.2	14.0	8.7	7.1	6.0	5.2	15.0	14.4	14.1	13.6	12.7

\* The decrement table for Class JI reflects only the Class JI Notional Balance at various rates of PPC. In addition to the current interest accrual amount on the Class JI Notional Balance at the Class JI Interest Rate, Class JI is entitled to the Class JI Deferred Interest Amount. No representation is made about the timing of distributions of the Class JI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class JI.

**Security Group 4  
PPC Prepayment Assumption Rates**

Distribution Date	Class DI* 2.50000% One-Month LIBOR 3.05000% One-Year LIBOR					Class DI* 2.50000% One-Month LIBOR 5.42800% One-Year LIBOR					Class DI* 2.50000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	89	106	98	95	92	89	106	98	95	92	89
January 2021	111	93	87	81	76	114	95	89	83	78	115	96	90	84	78
January 2022	118	87	78	70	63	124	92	83	74	66	126	93	84	75	67
January 2023	124	81	70	60	50	134	87	75	64	54	137	90	77	66	56
January 2024	131	75	61	49	39	121	69	56	45	36	123	70	57	46	37
January 2025	113	55	42	32	24	110	53	41	31	24	89	43	34	26	19
January 2026	119	49	36	26	18	45	19	14	10	7	18	8	6	4	3
January 2027	107	37	25	17	11	14	5	3	2	2	13	5	3	2	2
January 2028	41	12	8	5	3	12	4	2	2	1	0	0	0	0	0
January 2029	11	3	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2030	11	2	1	1	0	0	0	0	0	0	0	0	0	0	0
January 2031	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.4	6.4	5.6	4.8	4.2	6.6	5.7	5.1	4.5	4.1	6.1	5.5	4.9	4.4	4.0

**PPC Prepayment Assumption Rates**

Distribution Date	Class DI* 4.75000% One-Month LIBOR 3.05000% One-Year LIBOR					Class DI* 4.75000% One-Month LIBOR 5.42800% One-Year LIBOR					Class DI* 4.75000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	89	106	98	95	92	89	106	98	95	92	89
January 2021	111	93	87	81	76	114	95	89	83	78	115	96	90	84	78
January 2022	118	87	78	70	63	124	92	83	74	66	126	93	84	75	67
January 2023	124	81	70	60	50	134	87	75	64	54	137	90	77	66	56
January 2024	131	75	61	49	39	121	69	56	45	36	123	70	57	46	37
January 2025	113	55	42	32	24	110	53	41	31	24	89	43	34	26	19
January 2026	119	49	36	26	18	45	19	14	10	7	18	8	6	4	3
January 2027	107	37	25	17	11	14	5	3	2	2	13	5	3	2	2
January 2028	41	12	8	5	3	12	4	2	2	1	0	0	0	0	0
January 2029	11	3	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2030	11	2	1	1	0	0	0	0	0	0	0	0	0	0	0
January 2031	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.4	6.4	5.6	4.8	4.2	6.6	5.7	5.1	4.5	4.1	6.1	5.5	4.9	4.4	4.0

**PPC Prepayment Assumption Rates**

Distribution Date	Class DI* 7.00000% One-Month LIBOR 3.05000% One-Year LIBOR					Class DI* 7.00000% One-Month LIBOR 5.42800% One-Year LIBOR					Class DI* 7.00000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	89	106	98	95	92	89	106	98	95	92	89
January 2021	111	93	87	81	76	114	95	89	83	78	115	96	90	84	78
January 2022	118	87	78	70	63	124	92	83	74	66	126	93	84	75	67
January 2023	124	81	70	60	50	134	87	75	64	54	137	90	77	66	56
January 2024	131	75	61	49	39	121	69	56	45	36	123	70	57	46	37
January 2025	113	55	42	32	24	110	53	41	31	24	89	43	34	26	19
January 2026	119	49	36	26	18	45	19	14	10	7	18	8	6	4	3
January 2027	107	37	25	17	11	14	5	3	2	2	13	5	3	2	2
January 2028	41	12	8	5	3	12	4	2	2	1	0	0	0	0	0
January 2029	11	3	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2030	11	2	1	1	0	0	0	0	0	0	0	0	0	0	0
January 2031	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.4	6.4	5.6	4.8	4.2	6.6	5.7	5.1	4.5	4.1	6.1	5.5	4.9	4.4	4.0

\* The decrement tables for Class DI reflect only the Class DI Notional Balance at various rates of PPC and at various levels of One-Month LIBOR and One-Year LIBOR. In addition to the current interest accrual amount on the Class DI Notional Balance at the Class DI Interest Rate, Class DI is entitled to the Class DI Deferred Interest Amount. No representation is made about the timing of distributions of the Class DI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class DI.

**Security Group 4  
PPC Prepayment Assumption Rates**

Distribution Date	Class FD 2.50000% One-Month LIBOR 3.05000% One-Year LIBOR					Class FD 2.50000% One-Month LIBOR 5.42800% One-Year LIBOR					Class FD 2.50000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	103	97	94	91	89	103	98	95	92	89	103	98	95	92	89
January 2021	106	93	87	81	76	106	95	89	83	78	106	96	90	84	78
January 2022	109	87	78	70	63	109	92	83	74	66	109	93	84	75	67
January 2023	113	81	70	60	50	113	87	75	64	54	113	90	77	66	56
January 2024	116	75	61	49	39	99	69	56	45	36	98	70	57	46	37
January 2025	98	55	42	32	24	86	53	41	31	24	68	43	34	26	19
January 2026	101	49	36	26	18	35	19	14	10	7	13	8	6	4	3
January 2027	89	37	25	17	11	10	5	3	2	2	9	5	3	2	2
January 2028	34	12	8	5	3	9	4	2	2	1	0	0	0	0	0
January 2029	9	3	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2030	9	2	1	1	0	0	0	0	0	0	0	0	0	0	0
January 2031	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.4	6.4	5.6	4.8	4.2	6.5	5.7	5.1	4.5	4.1	6.1	5.5	4.9	4.4	4.0

**PPC Prepayment Assumption Rates**

Distribution Date	Class FD 4.75000% One-Month LIBOR 3.05000% One-Year LIBOR					Class FD 4.75000% One-Month LIBOR 5.42800% One-Year LIBOR					Class FD 4.75000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	89	105	98	95	92	89	105	98	95	92	89
January 2021	111	93	87	81	76	111	95	89	83	78	111	96	90	84	78
January 2022	117	87	78	70	63	117	92	83	74	66	117	93	84	75	67
January 2023	123	81	70	60	50	123	87	75	64	54	123	90	77	66	56
January 2024	130	75	61	49	39	109	69	56	45	36	108	70	57	46	37
January 2025	111	55	42	32	24	97	53	41	31	24	76	43	34	26	19
January 2026	117	49	36	26	18	40	19	14	10	7	15	8	6	4	3
January 2027	105	37	25	17	11	12	5	3	2	2	11	5	3	2	2
January 2028	41	12	8	5	3	10	4	2	2	1	0	0	0	0	0
January 2029	11	3	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2030	11	2	1	1	0	0	0	0	0	0	0	0	0	0	0
January 2031	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.4	6.4	5.6	4.8	4.2	6.6	5.7	5.1	4.5	4.1	6.1	5.5	4.9	4.4	4.0

**PPC Prepayment Assumption Rates**

Distribution Date	Class FD 7.00000% One-Month LIBOR 3.05000% One-Year LIBOR					Class FD 7.00000% One-Month LIBOR 5.42800% One-Year LIBOR					Class FD 7.00000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	89	106	98	95	92	89	106	98	95	92	89
January 2021	111	93	87	81	76	114	95	89	83	78	114	96	90	84	78
January 2022	117	87	78	70	63	123	92	83	74	66	123	93	84	75	67
January 2023	124	81	70	60	50	132	87	75	64	54	132	90	77	66	56
January 2024	131	75	61	49	39	120	69	56	45	36	118	70	57	46	37
January 2025	112	55	42	32	24	108	53	41	31	24	84	43	34	26	19
January 2026	119	49	36	26	18	45	19	14	10	7	17	8	6	4	3
January 2027	106	37	25	17	11	13	5	3	2	2	12	5	3	2	2
January 2028	41	12	8	5	3	12	4	2	2	1	0	0	0	0	0
January 2029	11	3	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2030	11	2	1	1	0	0	0	0	0	0	0	0	0	0	0
January 2031	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2032 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.4	6.4	5.6	4.8	4.2	6.6	5.7	5.1	4.5	4.1	6.1	5.5	4.9	4.4	4.0

**Security Group 5  
PPC Prepayment Assumption Rates**

Distribution Date	Class EI* 2.50000% One-Month LIBOR 3.05000% One-Year LIBOR					Class EI* 2.50000% One-Month LIBOR 5.42800% One-Year LIBOR					Class EI* 2.50000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	88	106	97	94	91	88	106	97	94	91	88
January 2021	111	92	86	80	75	114	95	88	82	77	115	95	89	83	77
January 2022	118	87	78	69	62	124	91	82	73	65	126	93	83	74	66
January 2023	124	80	69	58	49	134	86	74	63	53	139	90	77	65	55
January 2024	131	74	60	48	38	131	74	60	48	39	139	78	63	51	41
January 2025	134	65	50	38	28	113	56	43	33	25	30	15	12	9	7
January 2026	133	54	39	28	19	30	13	9	7	5	23	10	7	5	4
January 2027	112	39	27	18	12	22	8	6	4	3	24	9	6	4	3
January 2028	24	7	5	3	2	1	0	0	0	0	0	0	0	0	0
January 2029	21	5	3	2	1	0	0	0	0	0	0	0	0	0	0
January 2030	21	4	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2031 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.5	6.5	5.6	4.8	4.2	6.6	5.8	5.1	4.5	4.1	6.0	5.4	4.8	4.3	3.9

**PPC Prepayment Assumption Rates**

Distribution Date	Class EI* 4.75000% One-Month LIBOR 3.05000% One-Year LIBOR					Class EI* 4.75000% One-Month LIBOR 5.42800% One-Year LIBOR					Class EI* 4.75000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	88	106	97	94	91	88	106	97	94	91	88
January 2021	111	92	86	80	75	114	95	88	82	77	115	95	89	83	77
January 2022	118	87	78	69	62	124	91	82	73	65	126	93	83	74	66
January 2023	124	80	69	58	49	134	86	74	63	53	139	90	77	65	55
January 2024	131	74	60	48	38	131	74	60	48	39	139	78	63	51	41
January 2025	134	65	50	38	28	113	56	43	33	25	30	15	12	9	7
January 2026	133	54	39	28	19	30	13	9	7	5	23	10	7	5	4
January 2027	112	39	27	18	12	22	8	6	4	3	24	9	6	4	3
January 2028	24	7	5	3	2	1	0	0	0	0	0	0	0	0	0
January 2029	21	5	3	2	1	0	0	0	0	0	0	0	0	0	0
January 2030	21	4	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2031 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.5	6.5	5.6	4.8	4.2	6.6	5.8	5.1	4.5	4.1	6.0	5.4	4.8	4.3	3.9

**PPC Prepayment Assumption Rates**

Distribution Date	Class EI* 7.00000% One-Month LIBOR 3.05000% One-Year LIBOR					Class EI* 7.00000% One-Month LIBOR 5.42800% One-Year LIBOR					Class EI* 7.00000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	88	106	97	94	91	88	106	97	94	91	88
January 2021	111	92	86	80	75	114	95	88	82	77	115	95	89	83	77
January 2022	118	87	78	69	62	124	91	82	73	65	126	93	83	74	66
January 2023	124	80	69	58	49	134	86	74	63	53	139	90	77	65	55
January 2024	131	74	60	48	38	131	74	60	48	39	139	78	63	51	41
January 2025	134	65	50	38	28	113	56	43	33	25	30	15	12	9	7
January 2026	133	54	39	28	19	30	13	9	7	5	23	10	7	5	4
January 2027	112	39	27	18	12	22	8	6	4	3	24	9	6	4	3
January 2028	24	7	5	3	2	1	0	0	0	0	0	0	0	0	0
January 2029	21	5	3	2	1	0	0	0	0	0	0	0	0	0	0
January 2030	21	4	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2031 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.5	6.5	5.6	4.8	4.2	6.6	5.8	5.1	4.5	4.1	6.0	5.4	4.8	4.3	3.9

\* The decrement tables for Class EI reflect only the Class EI Notional Balance at various rates of PPC and at various levels of One-Month LIBOR and One-Year LIBOR. In addition to the current interest accrual amount on the Class EI Notional Balance at the Class EI Interest Rate, Class EI is entitled to the Class EI Deferred Interest Amount. No representation is made about the timing of distributions of the Class EI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class EI.



**Security Group 5  
PPC Prepayment Assumption Rates**

Distribution Date	Class FE 2.50000% One-Month LIBOR 3.05000% One-Year LIBOR					Class FE 2.50000% One-Month LIBOR 5.42800% One-Year LIBOR					Class FE 2.50000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	103	97	94	91	88	103	97	94	91	88	103	97	94	91	88
January 2021	106	92	86	80	75	106	95	88	82	77	106	95	89	83	77
January 2022	110	87	78	69	62	110	91	82	73	65	110	93	83	74	66
January 2023	113	80	69	58	49	113	86	74	63	53	113	90	77	65	55
January 2024	116	74	60	48	38	107	74	60	48	39	108	78	63	51	41
January 2025	117	65	50	38	28	88	56	43	33	25	22	15	12	9	7
January 2026	113	54	39	28	19	22	13	9	7	5	16	10	7	5	4
January 2027	93	39	27	18	12	16	8	6	4	3	16	9	6	4	3
January 2028	20	7	5	3	2	1	0	0	0	0	0	0	0	0	0
January 2029	17	5	3	2	1	0	0	0	0	0	0	0	0	0	0
January 2030	17	4	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2031 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.5	6.5	5.6	4.8	4.2	6.6	5.8	5.1	4.5	4.1	5.9	5.4	4.8	4.3	3.9

**PPC Prepayment Assumption Rates**

Distribution Date	Class FE 4.75000% One-Month LIBOR 3.05000% One-Year LIBOR					Class FE 4.75000% One-Month LIBOR 5.42800% One-Year LIBOR					Class FE 4.75000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	88	105	97	94	91	88	105	97	94	91	88
January 2021	111	92	86	80	75	111	95	88	82	77	111	95	89	83	77
January 2022	117	87	78	69	62	117	91	82	73	65	117	93	83	74	66
January 2023	123	80	69	58	49	123	86	74	63	53	123	90	77	65	55
January 2024	130	74	60	48	38	119	74	60	48	39	119	78	63	51	41
January 2025	133	65	50	38	28	100	56	43	33	25	25	15	12	9	7
January 2026	131	54	39	28	19	26	13	9	7	5	19	10	7	5	4
January 2027	110	39	27	18	12	19	8	6	4	3	19	9	6	4	3
January 2028	24	7	5	3	2	1	0	0	0	0	0	0	0	0	0
January 2029	21	5	3	2	1	0	0	0	0	0	0	0	0	0	0
January 2030	21	4	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2031 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.5	6.5	5.6	4.8	4.2	6.6	5.8	5.1	4.5	4.1	5.9	5.4	4.8	4.3	3.9

**PPC Prepayment Assumption Rates**

Distribution Date	Class FE 7.00000% One-Month LIBOR 3.05000% One-Year LIBOR					Class FE 7.00000% One-Month LIBOR 5.42800% One-Year LIBOR					Class FE 7.00000% One-Month LIBOR 7.80600% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	88	106	97	94	91	88	106	97	94	91	88
January 2021	111	92	86	80	75	114	95	88	82	77	114	95	89	83	77
January 2022	117	87	78	69	62	123	91	82	73	65	123	93	83	74	66
January 2023	124	80	69	58	49	132	86	74	63	53	132	90	77	65	55
January 2024	131	74	60	48	38	130	74	60	48	39	130	78	63	51	41
January 2025	134	65	50	38	28	111	56	43	33	25	27	15	12	9	7
January 2026	133	54	39	28	19	30	13	9	7	5	21	10	7	5	4
January 2027	112	39	27	18	12	22	8	6	4	3	22	9	6	4	3
January 2028	24	7	5	3	2	1	0	0	0	0	0	0	0	0	0
January 2029	21	5	3	2	1	0	0	0	0	0	0	0	0	0	0
January 2030	21	4	2	1	1	0	0	0	0	0	0	0	0	0	0
January 2031 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.5	6.5	5.6	4.8	4.2	6.6	5.8	5.1	4.5	4.1	6.0	5.4	4.8	4.3	3.9

**Security Group 6  
PPC Prepayment Assumption Rates**

Distribution Date	Class FG 3.05000% One-Year LIBOR					Class FG 4.05000% One-Year LIBOR					Class FG 5.39433% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	104	97	94	91	88	104	97	94	91	89	104	97	95	92	89
January 2021	107	92	86	81	75	108	94	88	82	76	110	95	89	83	77
January 2022	111	87	78	70	62	113	89	80	71	64	116	91	82	73	65
January 2023	115	81	69	59	50	118	84	72	61	52	123	87	74	63	54
January 2024	119	74	60	49	39	124	77	63	51	41	129	80	65	53	42
January 2025	111	60	46	35	26	115	63	48	37	28	82	44	34	25	19
January 2026	113	53	38	27	19	80	37	27	19	13	12	5	4	3	2
January 2027	78	30	20	13	9	11	4	3	2	1	3	1	1	0	0
January 2028	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.8	6.2	5.4	4.7	4.2	7.0	5.9	5.2	4.6	4.1	6.2	5.5	4.9	4.4	4.0

**PPC Prepayment Assumption Rates**

Distribution Date	Class FG 6.73867% One-Year LIBOR					Class FG 8.08300% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100
January 2020	104	97	95	92	89	104	97	95	92	89
January 2021	111	95	89	83	78	111	95	89	83	78
January 2022	119	93	83	74	66	120	93	83	74	66
January 2023	128	89	76	65	55	129	89	76	65	55
January 2024	128	78	64	51	41	129	78	64	51	41
January 2025	12	6	5	4	3	12	6	5	4	3
January 2026	13	6	4	3	2	13	6	4	3	2
January 2027	0	0	0	0	0	0	0	0	0	0
January 2028	0	0	0	0	0	0	0	0	0	0
January 2029 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	5.7	5.2	4.7	4.3	3.9	5.7	5.2	4.7	4.3	3.9

**Security Group 6  
PPC Prepayment Assumption Rates**

Distribution Date	Class GI*					Class GI*					Class GI*				
	3.05000% One-Year LIBOR					4.05000% One-Year LIBOR					5.39433% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	105	97	94	91	88	106	97	94	91	89	106	97	95	92	89
January 2021	111	92	86	81	75	113	94	88	82	76	114	95	89	83	77
January 2022	118	87	78	70	62	120	89	80	71	64	124	91	82	73	65
January 2023	124	81	69	59	50	128	84	72	61	52	134	87	74	63	54
January 2024	131	74	60	49	39	137	77	63	51	41	142	80	65	53	42
January 2025	124	60	46	35	26	129	63	48	37	28	91	44	34	25	19
January 2026	129	53	38	27	19	91	37	27	19	13	13	5	4	3	2
January 2027	90	30	20	13	9	13	4	3	2	1	3	1	1	0	0
January 2028	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.8	6.2	5.4	4.7	4.2	7.0	5.9	5.2	4.6	4.1	6.2	5.5	4.9	4.4	4.0

**PPC Prepayment Assumption Rates**

Distribution Date	Class GI*					Class GI*				
	6.73867% One-Year LIBOR					8.08300% One-Year LIBOR				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	106	97	95	92	89	106	97	95	92	89
January 2021	115	95	89	83	78	115	95	89	83	78
January 2022	125	93	83	74	66	125	93	83	74	66
January 2023	137	89	76	65	55	137	89	76	65	55
January 2024	138	78	64	51	41	138	78	64	51	41
January 2025	13	6	5	4	3	13	6	5	4	3
January 2026	14	6	4	3	2	14	6	4	3	2
January 2027	0	0	0	0	0	0	0	0	0	0
January 2028	0	0	0	0	0	0	0	0	0	0
January 2029 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	5.7	5.2	4.7	4.3	3.9	5.7	5.2	4.7	4.3	3.9

\* The decrement tables for Class GI reflect only the Class GI Notional Balance at various rates of PPC and at various levels of One-Year LIBOR. In addition to the current interest accrual amount on the Class GI Notional Balance at the Class GI Interest Rate, Class GI is entitled to the Class GI Deferred Interest Amount. No representation is made about the timing of distributions of the Class GI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class GI.

**Security Group 7  
PPC Prepayment Assumption Rates**

Distribution Date	Class BA					Class BZ					Class IB*				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	104	100	98	97	95	104	104	104	104	104	104	100	98	97	95
January 2021	107	96	91	87	83	109	109	109	109	109	109	96	91	87	83
January 2022	111	90	82	75	69	114	114	114	114	114	114	90	82	75	69
January 2023	115	82	72	62	53	119	119	119	119	119	119	82	72	62	53
January 2024	119	74	61	49	38	124	124	124	124	124	124	74	61	49	38
January 2025	123	65	49	36	25	129	129	129	129	129	129	65	49	36	25
January 2026	128	56	38	24	13	135	135	135	135	135	135	56	38	24	13
January 2027	132	46	27	13	2	141	141	141	141	141	141	46	27	13	2
January 2028	137	37	17	3	0	147	147	147	147	110	147	37	17	3	0
January 2029	142	27	8	0	0	153	153	153	125	77	153	27	8	0	0
January 2030	147	18	0	0	0	160	160	159	92	52	160	18	0	0	0
January 2031	142	8	0	0	0	167	167	117	63	32	156	8	0	0	0
January 2032	122	0	0	0	0	174	153	78	38	17	135	0	0	0	0
January 2033	30	0	0	0	0	182	48	22	10	4	33	0	0	0	0
January 2034	0	0	0	0	0	113	11	5	2	1	0	0	0	0	0
January 2035 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.5	7.5	6.0	5.0	4.3	14.9	13.8	12.9	11.7	10.6	13.5	7.5	6.0	5.0	4.3

\* The decrement table for Class IB reflects only the Class IB Notional Balance at various rates of PPC. In addition to the current interest accrual amount on the Class IB Notional Balance at the Class IB Interest Rate, Class IB is entitled to the Class IB Deferred Interest Amount. No representation is made about the timing of distributions of the Class IB Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class IB.

## Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Regular Class based on the anticipated yield of that Class resulting from its purchase price, the investor's own projection of Maturity Events and deferrals of Maturity Events in respect of the HECMs related to the Participations underlying the HECM MBS, the investor's own projection of prepayments in respect of the HECMs related to the Participations underlying the HECM MBS, the investor's own projection of the occurrence of any Ginnie Mae Issuer Purchase Events, the investor's own projection of draw activity with respect to the HECMs, in the case of the Group 1, 4 and 5 Securities, the investor's own projection of One-Month LIBOR under a variety of scenarios and in the case of the Group 2, 4, 5 and 6 Securities, the investor's own projection of One-Year LIBOR under a variety of scenarios. **No representation is made regarding Maturity Events or prepayments in respect of the HECMs related to the Participations underlying the HECM MBS, the occurrence of any Ginnie Mae Issuer Purchase Events, One-Month LIBOR levels, One-Year LIBOR levels, draw activity with respect to the HECMs or the yield on any Class.**

### *Prepayments: Effect on Yields*

The yields to investors will be sensitive in varying degrees to the rate of prepayments on the related HECMs.

- In the case of Regular 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 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 HECMs 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 HECMs 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 HECMs will not prepay at any constant rate until maturity, nor will all of the HECMs 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 related HECMs, 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.

### *One-Month LIBOR and One-Year LIBOR: Effect on Yields of the Floating Rate Classes*

Low levels of One-Month LIBOR and One-Year LIBOR, as applicable, can reduce the yield of the Floating Rate Classes. In addition, the Floating Rate Classes will not necessarily benefit from a higher yield at high levels of One-Month LIBOR and One-Year LIBOR, as applicable, because the rate on such Classes is capped at a maximum rate described under “Terms Sheet — Interest Rates.”

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

The effective yield on any Fixed Rate or Delay 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 will accrue with respect to) 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 PPC, in the case of Class AI at various constant levels of One-Month LIBOR, in the case of Class DI and EI at various constant levels of One-Month LIBOR and One-Year LIBOR, and in the case of Classes BI and GI, at various constant levels of One-Year LIBOR.

The HECMs will not prepay or draw at any constant rate until maturity, and it is unlikely that One-Month LIBOR or One-Year LIBOR will remain constant. Moreover, it is likely that the HECMs will experience actual prepayment and draw 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 Class FA, FD and FE for each Accrual Period following the first Accrual Period will be based on the indicated level of One-Month LIBOR, (2) the Interest Rate applicable to Classes FB and FG for each Accrual Period beginning with the Accrual Period related to the Distribution Date in February 2020 will be based on the indicated level of One-Year LIBOR, (3) the HECM MBS Rates applicable to the Group 1 Trust Assets for each Accrual Period following the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A will be based on the indicated level of One-Month LIBOR, (4) the HECM MBS Rates applicable to the Group 2, 4, 5 and 6 Trust Assets for each Accrual Period following the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A will be based on the indicated level of One-Year LIBOR and (5) 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.**

**SECURITY GROUP 1**

**Sensitivity of Class AI to Prepayments  
Assumed Price 9.5%\***

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	2.7%	(2.4)%	(7.6)%	(13.0)%
3.50000% .....	1.7%	(3.2)%	(8.3)%	(13.5)%
5.97967% .....	(3.8)%	(8.4)%	(13.2)%	(18.0)%
8.45933% .....	(18.4)%	(22.5)%	(26.7)%	(31.0)%
10.93900% .....	(26.3)%	(30.4)%	(34.2)%	(38.1)%

**SECURITY GROUP 2**

**Sensitivity of Class BI to Prepayments  
Assumed Price 10.2%\***

<u>One-Year LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
3.05000% .....	5.5%	1.8%	(1.9)%	(5.6)%
4.05000% .....	6.2%	2.7%	(0.8)%	(4.4)%
5.39433% .....	5.5%	2.1%	(1.3)%	(4.7)%
6.73867% .....	3.2%	(0.1)%	(3.5)%	(6.8)%
8.08300% .....	5.8%	2.6%	(0.7)%	(4.1)%

**SECURITY GROUP 3**

**Sensitivity of Class JI to Prepayments  
Assumed Price 5.4%\***

<u>PPC Prepayment Assumption Rates</u>			
<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
5.6%	1.7%	(2.7)%	(7.0)%

**SECURITY GROUP 4**

**Sensitivity of Class DI to Prepayments  
Assumed Price 12.75%\*  
3.05000% One-Year LIBOR**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	5.5%	1.5%	(2.7)%	(6.9)%
4.75000% .....	(39.1)%	(42.7)%	(46.5)%	(50.4)%
7.00000% .....	**	**	**	**

\* 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.

**Sensitivity of Class DI to Prepayments**  
**Assumed Price 12.75%\***  
**5.42800% One-Year LIBOR**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	24.2%	20.2%	16.1%	11.9%
4.75000% .....	(.1)%	(3.9)%	(7.7)%	(11.7)%
7.00000% .....	(41.9)%	(45.2)%	(48.5)%	(52.0)%

**Sensitivity of Class DI to Prepayments**  
**Assumed Price 12.75%\***  
**7.80600% One-Year LIBOR**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	29.6%	25.5%	21.4%	17.2%
4.75000% .....	7.6%	3.8%	(.1)%	(4.1)%
7.00000% .....	(18.7)%	(22.2)%	(25.8)%	(29.5)%

**SECURITY GROUP 5**

**Sensitivity of Class EI to Prepayments**  
**Assumed Price 12.5%\***  
**3.05000% One-Year LIBOR**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	5.7%	1.5%	(2.7)%	(7.0)%
4.75000% .....	(41.3)%	(45.0)%	(48.7)%	(52.5)%
7.00000% .....	**	**	**	**

**Sensitivity of Class EI to Prepayments**  
**Assumed Price 12.5%\***  
**5.42800% One-Year LIBOR**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	24.6%	20.5%	16.2%	12.0%
4.75000% .....	.1%	(3.8)%	(7.7)%	(11.8)%
7.00000% .....	(41.0)%	(44.3)%	(47.7)%	(51.1)%

\* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

\*\* Indicates that investors will suffer a loss of virtually all of their investment.

**Sensitivity of Class EI to Prepayments**  
**Assumed Price 12.5%\***  
**7.80600% One-Year LIBOR**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.50000% .....	31.8%	27.6%	23.4%	19.1%
4.75000% .....	10.6%	6.6%	2.7%	(1.4)%
7.00000% .....	(12.2)%	(15.8)%	(19.4)%	(23.2)%

**SECURITY GROUP 6**

**Sensitivity of Class GI to Prepayments**  
**Assumed Price 11.75%\***

<u>One-Year LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
3.05000% .....	0.7%	(3.3)%	(7.4)%	(11.5)%
4.05000% .....	0.3%	(3.6)%	(7.6)%	(11.6)%
5.39433% .....	(2.1)%	(5.8)%	(9.6)%	(13.5)%
6.73867% .....	(9.6)%	(13.1)%	(16.8)%	(20.5)%
8.08300% .....	(15.0)%	(18.5)%	(22.1)%	(25.7)%

**SECURITY GROUP 7**

**Sensitivity of Class IB to Prepayments**  
**Assumed Price 5.3%\***

<u>PPC Prepayment Assumption Rates</u>			
<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
2.4%	(3.2)%	(8.9)%	(14.6)%

\* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

**CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES**

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

**REMIC Elections**

In the opinion of Cleary Gottlieb Steen & Hamilton LLP, the Trust will constitute a Double REMIC Series as to the Group 1, 2 and 4 through 7 Trust Assets and a Double REMIC Series as to the Group 3 Trust Assets, each for United States federal income tax purposes. Separate REMIC elections will be made for the Group 1, 2 and 4 through 7 Issuing REMIC, the Group 1, 2 and 4 through 7 Pooling REMIC, the Group 3 Issuing REMIC and the Group 3 Pooling REMIC.



## **Regular Securities**

The Regular Securities will be treated as debt instruments issued by the Group 1, 2 and 4 through 7 Issuing REMIC and the Group 3 Issuing REMIC, as applicable, for United States federal income tax purposes. Income on the Regular Securities must be reported under an accrual method of accounting.

The Notional and HECM MBS Accrual Classes of Regular Securities will be issued with original issue discount (“OID”). See *“Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities — Original Issue Discount,” “— Variable Rate Securities” and “— Interest Weighted Securities and Non-VRDI Securities” in the Base Offering Circular.*

The prepayment assumption that should be used, among other things, in determining the rates of accrual of OID on the Regular Securities is 100% PPC (as described in “Yield, Maturity and Prepayment Considerations” in this Supplement). In the case of the Floating Rate Classes, the interest rate values to be used for these determinations are the initial Interest Rates as set forth in the Terms Sheet under “Interest Rates.” No representation is made, however, about the rate at which prepayments on the HECMs underlying any Group of Participations actually will occur or the level of One-Month LIBOR or One-Year LIBOR at any time after the date of this Supplement. See *“Certain United States Federal Income Tax Consequences” in the Base Offering Circular.* In view of the complexities as to the manner of inclusion in income of OID on the Regular Securities, investors should consult their own tax advisors to determine the appropriate amount and method of inclusion in income of OID on the Regular Securities for United States federal income tax purposes.

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 United States 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 as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular.

A Holder of Regular Securities that uses an accrual method of accounting for tax purposes generally will be required to include certain amounts in income no later than the time such amounts are reflected on certain financial statements. The application of this rule thus may require the accrual of income earlier than would be the case under the general tax rules described under “Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities” in the Base Offering Circular, although the precise application of this rule is unclear at this time. This rule generally will be effective for tax years beginning after December 31, 2017 or, for Regular Securities issued with original issue discount, for tax years beginning after December 31, 2018. The Service issued Notice 2018-80 stating its intention to issue regulations that would exclude market discount from this rule effective January 1, 2018. Prospective investors in Regular Securities that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

## **Residual Securities**

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Group 1, 2 and 4 through 7 Pooling REMIC and the beneficial ownership of the Residual Interest in the Group 1, 2 and 4 through 7 Issuing REMIC. The Class RR3 Securities will represent the beneficial ownership of the Residual Interest in the Group 3 Pooling REMIC and the beneficial ownership of the Residual Interest in the Group 3 Issuing REMIC. The Residual Securities, i.e., the Class RR and RR3 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 United States Federal Income Tax

Consequences” in the Base Offering Circular, but will not be treated as debt for United States 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 related 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. Even though the Holders of the Residual Securities are not entitled to any stated principal or interest payments on the Residual Securities, the related Trust REMICs may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, the Holders of the Residual 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.

An individual, trust or estate that holds Residual Securities (directly or indirectly through a grantor trust, a partnership, an S corporation, a common trust fund, or a nonpublicly offered RIC) generally will not be eligible to deduct its allocable share of the Trust REMICs’ fees or expenses under Section 212 of the Code for any taxable year beginning after December 31, 2017, and before January 1, 2026. Prospective investors in Residual Securities are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

### **Foreign Account Tax Compliance Act**

The Service has issued proposed regulations, on which taxpayers may rely, that exclude gross proceeds from the sale or other disposition of Regular Securities from the application of the withholding tax imposed under FATCA and related administrative guidance. For a discussion of FATCA, see “*Certain United States Federal Income Tax Consequences — Taxation of Foreign Holders of REMIC Securities and MX Securities*” in the Base Offering Circular.

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

### **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 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. In addition, because the Sponsor or the Co-Sponsor or any of their respective affiliates may receive certain benefits in connection with the sale or holding of the Regular Securities, the purchase of the Regular Securities using Plan assets over which any of these parties or their affiliates has discretionary authority or control, or renders “investment advice” (within the meaning of a Department of Labor regulation) for a fee with respect to the assets of a Plan, or is the employer or other sponsor of the Plan, might be deemed to be a violation of a provision of Title I of ERISA or Section 4975 of the Code. Accordingly, the Regular Securities may not be purchased using the assets of any Plan if the Sponsor or the Co-Sponsor or any of their respective affiliates has discretionary authority or control or renders investment advice for a fee with respect to the assets of the Plan, or is the employer or other sponsor of the Plan, unless an applicable prohibited transaction exemption is available to cover the purchase or holding of the Regular Securities or the transaction is not otherwise prohibited.

**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 the Regular Classes 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 from (1) January 1, 2019 on the Fixed Rate and Delay Classes and (2) January 20, 2019 on the 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 or interest distributions based upon a notional balance from the same Trust Asset Group will increase by the same proportion. The Trust Agreement, the Final Data Statement 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 Andrews Kurth LLP, for the Trust by Cleary Gottlieb Steen & Hamilton LLP and Marcell Solomon & Associates, P.C., and for the Trustee by Nixon Peabody LLP.







- (5) The Approximate Weighted Average Next Rate Reset Month is the weighted average number of months until the interest rate of each adjustable rate HECM resets under the interest rate formula and HECM loan documents applicable to each adjustable rate HECM. For example, an entry of "1" signifies that the Approximate Weighted Average Next Rate Reset Month for the adjustable rate HECM's rate is the first day of February 2019.
- (6) The Approximate Weighted Average Gross Interest Rate is the weighted average of the gross interest rates of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of January 1, 2019.
- (7) The Approximate Weighted Average Gross Margin is the weighted average of the gross margins of the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of January 1, 2019.
- (8) The Approximate Weighted Average Gross Lifetime Interest Rate Floor is the weighted average of the lowest interest rates possible based on the interest rate formula and HECM loan documents applicable to the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of January 1, 2019.
- (9) The Approximate Weighted Average Gross Lifetime Interest Rate Cap is the weighted average of the maximum interest rates possible based on the interest rate formula and HECM loan documents applicable to the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of January 1, 2019.
- (10) The Approximate Weighted Average MIP Fee is the weighted average of the MIP Fees of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of January 1, 2019. The MIP Fee is charged for FHA mortgage insurance. The MIP Fee is the monthly mortgage insurance premium ("MIP") that accrues on each HECM.
- (11) The Approximate Weighted Average Servicing Fee Margin is the weighted average of the Servicing Fee Margins of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of January 1, 2019. The Servicing Fee Margin represents (together with the Monthly Servicing Fee, if any) the amount of the servicing compensation payable to the Issuer to cover the Issuer's servicing costs. The Servicing Fee Margin includes the Guaranty Fee charged by Ginnie Mae for the HECM MBS guaranty at the annual rate of 0.06% and a participation agent fee, if any. The Approximate Weighted Average Servicing Fee Margin is included in the rates shown in the columns for Approximate Weighted Average Gross Interest Rate, Approximate Weighted Average Gross Margin, Approximate Weighted Average Gross Lifetime Interest Rate Floor and Approximate Weighted Average Gross Lifetime Interest Rate Cap.
- (12) The Monthly Servicing Fee is the aggregate monthly servicing fee payable to the Issuer if the full amount of the servicing cost is not included in the HECM interest rate and is in addition to the Servicing Fee Margin.
- (13) The Initial Monthly Scheduled Draw is the aggregate monthly amount that is payable to borrowers in a given month under certain types of payment plans during the first twelve month disbursement period.
- (14) The Subsequent Monthly Scheduled Draw is the aggregate monthly amount that is payable to borrowers in a given month under certain types of payment plans after the first twelve month disbursement period.
- (15) The Approximate Weighted Average Remaining Draw Term (in months) is the weighted average of the remaining draw terms of the HECMs related to the Participations underlying the related HECM MBS for such payment plan. The remaining draw term represents the number of months over which a borrower with a term or modified term payment plan will receive Monthly Scheduled Draws as of January 1, 2019.



- (16) The Initial Available Line of Credit is the aggregate of the lines of credit available to borrowers under the Modified Term, Modified Tenure and Line of Credit payment plans during the first twelve month disbursement period. The Initial Available Line of Credit does not include set asides for the Monthly Servicing Fee, if any, property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs, if any.
- (17) The Available Line of Credit is the aggregate of the lines of credit available to borrowers under the Modified Term, Modified Tenure and Line of Credit payment plans during the lives of their related HECMs. The Available Line of Credit does not include set asides for the Monthly Servicing Fee, if any, property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs, if any.
- (18) The sum of the applicable Maximum Claim Amounts with respect to each HECM.
- (19) These HECMs do not have draw terms or monthly scheduled draws.
- (20) Borrowers who select tenure or modified tenure payment plans have a right to receive monthly draws for their tenure in the property.
- (21) These HECMs do not have a flat Monthly Servicing Fee in addition to the Servicing Fee Margin.
- (22) The Lines of Credit related to these HECMs are fully drawn.
- (23) These HECMs are not subject to restrictions on the amount of the Available Line of Credit available to borrowers during the first twelve month disbursement period.
- (24) The draw terms for these HECMs have expired.

The actual HECM ages, gross interest rates, gross margins, gross lifetime interest rate floors, gross lifetime interest rate caps, MIP Fees, Servicing Fee Margins and remaining draw terms of many of the HECMs related to the Participations underlying the Trust Assets will differ from the approximate weighted averages shown above, perhaps significantly. See *“The Trust Assets — The Participations” in this Supplement.*

**Exhibit B**

**CPR Percentage in Effect by HECM Age**

<u>HECM Age (in months)</u>	<u>CPR (%)</u>	<u>HECM Age (in months)</u>	<u>CPR (%)</u>	<u>HECM Age (in months)</u>	<u>CPR (%)</u>
1	0.00000	57	14.60156	113	21.45573
2	0.54545	58	14.72396	114	21.57813
3	1.09091	59	14.84635	115	21.70052
4	1.63636	60	14.96875	116	21.82292
5	2.18182	61	15.09115	117	21.94531
6	2.72727	62	15.21354	118	22.06771
7	3.27273	63	15.33594	119	22.19010
8	3.81818	64	15.45833	120	22.31250
9	4.36364	65	15.58073	121	22.43490
10	4.90909	66	15.70313	122	22.55729
11	5.45455	67	15.82552	123	22.67969
12	6.00000	68	15.94792	124	22.80208
13	6.29167	69	16.07031	125	22.92448
14	6.58333	70	16.19271	126	23.04688
15	6.87500	71	16.31510	127	23.16927
16	7.16667	72	16.43750	128	23.29167
17	7.45833	73	16.55990	129	23.41406
18	7.75000	74	16.68229	130	23.53646
19	8.04167	75	16.80469	131	23.65885
20	8.33333	76	16.92708	132	23.78125
21	8.62500	77	17.04948	133	23.90365
22	8.91667	78	17.17188	134	24.02604
23	9.20833	79	17.29427	135	24.14844
24	9.50000	80	17.41667	136	24.27083
25	9.66667	81	17.53906	137	24.39323
26	9.83333	82	17.66146	138	24.51563
27	10.00000	83	17.78385	139	24.63802
28	10.16667	84	17.90625	140	24.76042
29	10.33333	85	18.02865	141	24.88281
30	10.50000	86	18.15104	142	25.00521
31	10.66667	87	18.27344	143	25.12760
32	10.83333	88	18.39583	144	25.25000
33	11.00000	89	18.51823	145	25.37240
34	11.16667	90	18.64063	146	25.49479
35	11.33333	91	18.76302	147	25.61719
36	11.50000	92	18.88542	148	25.73958
37	11.66667	93	19.00781	149	25.86198
38	11.83333	94	19.13021	150	25.98438
39	12.00000	95	19.25260	151	26.10677
40	12.16667	96	19.37500	152	26.22917
41	12.33333	97	19.49740	153	26.35156
42	12.50000	98	19.61979	154	26.47396
43	12.66667	99	19.74219	155	26.59635
44	12.83333	100	19.86458	156	26.71875
45	13.00000	101	19.98698	157	26.84115
46	13.16667	102	20.10938	158	26.96354
47	13.33333	103	20.23177	159	27.08594
48	13.50000	104	20.35417	160	27.20833
49	13.62240	105	20.47656	161	27.33073
50	13.74479	106	20.59896	162	27.45313
51	13.86719	107	20.72135	163	27.57552
52	13.98958	108	20.84375	164	27.69792
53	14.11198	109	20.96615	165	27.82031
54	14.23438	110	21.08854	166	27.94271
55	14.35677	111	21.21094	167	28.06510
56	14.47917	112	21.33333	168	28.18750

<u>HECM Age (in months)</u>	<u>CPR (%)</u>	<u>HECM Age (in months)</u>	<u>CPR (%)</u>	<u>HECM Age (in months)</u>	<u>CPR (%)</u>
169	28.30990	230	35.77604	291	39.55000
170	28.43229	231	35.89844	292	39.60000
171	28.55469	232	36.02083	293	39.65000
172	28.67708	233	36.14323	294	39.70000
173	28.79948	234	36.26563	295	39.75000
174	28.92188	235	36.38802	296	39.80000
175	29.04427	236	36.51042	297	39.85000
176	29.16667	237	36.63281	298	39.90000
177	29.28906	238	36.75521	299	39.95000
178	29.41146	239	36.87760	300	40.00000
179	29.53385	240	37.00000	301	40.05000
180	29.65625	241	37.05000	302	40.10000
181	29.77865	242	37.10000	303	40.15000
182	29.90104	243	37.15000	304	40.20000
183	30.02344	244	37.20000	305	40.25000
184	30.14583	245	37.25000	306	40.30000
185	30.26823	246	37.30000	307	40.35000
186	30.39063	247	37.35000	308	40.40000
187	30.51302	248	37.40000	309	40.45000
188	30.63542	249	37.45000	310	40.50000
189	30.75781	250	37.50000	311	40.55000
190	30.88021	251	37.55000	312	40.60000
191	31.00260	252	37.60000	313	40.65000
192	31.12500	253	37.65000	314	40.70000
193	31.24740	254	37.70000	315	40.75000
194	31.36979	255	37.75000	316	40.80000
195	31.49219	256	37.80000	317	40.85000
196	31.61458	257	37.85000	318	40.90000
197	31.73698	258	37.90000	319	40.95000
198	31.85938	259	37.95000	320	41.00000
199	31.98177	260	38.00000	321	41.05000
200	32.10417	261	38.05000	322	41.10000
201	32.22656	262	38.10000	323	41.15000
202	32.34896	263	38.15000	324	41.20000
203	32.47135	264	38.20000	325	41.25000
204	32.59375	265	38.25000	326	41.30000
205	32.71615	266	38.30000	327	41.35000
206	32.83854	267	38.35000	328	41.40000
207	32.96094	268	38.40000	329	41.45000
208	33.08333	269	38.45000	330	41.50000
209	33.20573	270	38.50000	331	41.55000
210	33.32813	271	38.55000	332	41.60000
211	33.45052	272	38.60000	333	41.65000
212	33.57292	273	38.65000	334	41.70000
213	33.69531	274	38.70000	335	41.75000
214	33.81771	275	38.75000	336	41.80000
215	33.94010	276	38.80000	337	41.85000
216	34.06250	277	38.85000	338	41.90000
217	34.18490	278	38.90000	339	41.95000
218	34.30729	279	38.95000	340	42.00000
219	34.42969	280	39.00000	341	42.05000
220	34.55208	281	39.05000	342	42.10000
221	34.67448	282	39.10000	343	42.15000
222	34.79688	283	39.15000	344	42.20000
223	34.91927	284	39.20000	345	42.25000
224	35.04167	285	39.25000	346	42.30000
225	35.16406	286	39.30000	347	42.35000
226	35.28646	287	39.35000	348	42.40000
227	35.40885	288	39.40000	349	42.45000
228	35.53125	289	39.45000	350	42.50000
229	35.65365	290	39.50000	351	42.55000

<u>HECM Age (in months)</u>	<u>CPR (%)</u>
352 .....	42.60000
353 .....	42.65000
354 .....	42.70000
355 .....	42.75000
356 .....	42.80000
357 .....	42.85000
358 .....	42.90000
359 .....	42.95000
360 and thereafter .....	43.00000

**Exhibit C**

**Draw Curve in Effect by HECM Age**

<u>HECM Age (in months)</u>	<u>Annualized Draw Rate (%)</u>
1 .....	14.00000
2 .....	9.00000
3 .....	8.00000
4 .....	7.33333
5 .....	6.66667
6 .....	6.00000
7 .....	5.83333
8 .....	5.66667
9 .....	5.50000
10 .....	5.33333
11 .....	5.16667
12 .....	5.00000
13 .....	4.83333
14 .....	4.66667
15 .....	4.50000
16 .....	4.33333
17 .....	4.16667
18 .....	4.00000
19 .....	3.86111
20 .....	3.72222
21 .....	3.58333
22 .....	3.44444
23 .....	3.30556
24 .....	3.16667
25 .....	3.02778
26 .....	2.88889
27 .....	2.75000
28 .....	2.61111
29 .....	2.47222
30 .....	2.33333
31 .....	2.19444
32 .....	2.05556
33 .....	1.91667
34 .....	1.77778
35 .....	1.63889
36 .....	1.50000
37 .....	1.43750
38 .....	1.37500
39 .....	1.31250
40 .....	1.25000
41 .....	1.18750
42 .....	1.12500
43 .....	1.06250
44 .....	1.00000

<u>HECM Age (in months)</u>	<u>Annualized Draw Rate (%)</u>
45 .....	0.93750
46 .....	0.87500
47 .....	0.81250
48 .....	0.75000
49 .....	0.68750
50 .....	0.62500
51 .....	0.56250
52 .....	0.50000
53 .....	0.43750
54 .....	0.37500
55 .....	0.31250
56 .....	0.25000
57 .....	0.18750
58 .....	0.12500
59 .....	0.06250
60 and thereafter .....	0.00000



**\$260,012,507**

**Government National  
Mortgage Association**

**GINNIE MAE<sup>®</sup>**

**Guaranteed HECM MBS REMIC  
Pass-Through Securities  
Ginnie Mae REMIC Trust 2019-H02**

---

***OFFERING CIRCULAR SUPPLEMENT***  
**January 23, 2019**

---

**Citigroup  
Roberts & Ryan Investments**