

**\$507,556,517**  
**Government National Mortgage Association**

**GINNIE MAE®**

**Guaranteed HECM MBS REMIC Pass-Through Securities  
and MX Securities**

**Ginnie Mae REMIC Trust 2016-H20**

**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(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
<b>Security Group 1</b>						
AI(1) .....	\$122,030,298	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYE0	September 2066
FA(1) .....	122,030,298	(5)	HPT	FLT/HWAC/HZ	38376RYF7	September 2066
<b>Security Group 2</b>						
FN .....	100,000,000	(5)	HPT	FLT/HWAC/HZ	38376RYG5	September 2066
NI .....	100,000,000	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYH3	September 2066
<b>Security Group 3</b>						
FM(1) .....	74,354,933	(5)	HPT	FLT/HWAC/HZ	38376RYJ9	December 2062
MI(1) .....	74,354,933	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYK6	December 2062
<b>Security Group 4</b>						
BI .....	33,960,470	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYL4	September 2066
FB .....	33,960,470	(5)	HPT	FLT/HWAC/HZ	38376RYM2	September 2066
<b>Security Group 5</b>						
CI .....	40,000,000	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYN0	August 2066
FC .....	40,000,000	(5)	HPT	FLT/HWAC/HZ	38376RYP5	August 2066
<b>Security Group 6</b>						
KA .....	65,947,107	2.0%	HPT	FIX/HZ	38376RYQ3	August 2066
KI .....	65,947,107	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYR1	August 2066
<b>Security Group 7</b>						
FG .....	71,263,709	(5)	HPT	FLT/HWAC/HZ	38376RYS9	August 2066
GI .....	71,263,709	(5)	NTL(HPT)	HWAC/IO/DLY	38376RYT7	August 2066
<b>Residual</b>						
RR .....	0	0.0	NPR	NPR	38376RYU4	September 2066

- (1) These Securities may be exchanged for MX Securities described in Schedule I to this Supplement.
- (2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
- (3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The Class Notional Balance of each Notional Class will be either reduced or increased, as applicable, with the outstanding principal balance of the related Trust Asset Group. See "Terms Sheet — Notional Classes" in this Supplement.
- (4) See "Yield, Maturity and Prepayment Considerations — Final Distribution Date" in this Supplement.
- (5) 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 September 30, 2016.

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.

**NOMURA**

**Tribal Capital Markets**

**The date of this Offering Circular Supplement is September 23, 2016.**

## 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, November 1, 2013 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.

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## TERMS SHEET

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

**Sponsor:** Nomura Securities International, Inc.

**Co-Sponsor:** Tribal Capital Markets, LLC

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

**Tax Administrator:** The Trustee

**Closing Date:** September 30, 2016

**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 October 2016.

### Trust Assets:

<u>Trust Asset Group</u>	<u>Trust Asset Type<sup>(1)</sup></u>	<u>HECM MBS Principal Balance</u>	<u>HECM MBS Rate<sup>(2)</sup></u>	<u>Original Term to Maturity (in years)</u>
1	Ginnie Mae II <sup>(3)</sup>	\$122,030,298	(4)(5)	50
2	Ginnie Mae II <sup>(6)</sup>	100,000,000	(4)(7)	50
3	Ginnie Mae II <sup>(8)</sup>	74,354,933	(9)	50
4	Ginnie Mae II <sup>(10)</sup>	33,960,470	(11)(12)	50
5	Ginnie Mae II <sup>(13)</sup>	40,000,000	(4)(14)	50
6	Ginnie Mae II <sup>(15)</sup>	65,947,107	(16)	50
7	Ginnie Mae II <sup>(17)</sup>	71,263,709	(18)(19)	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 AR6584, AR6602, AR6603, AS5961, AT2423, AU1304, AU1852, AU2704, AU3121, AU3122, AU3125 and AU3141.

<sup>(4)</sup> The applicable index for each of the Group 1, 2 and 5 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 1, 2 or 5 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 inter-*”

*est payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the related group 1, 2, 4, 5 and 7 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 1.812% to 3.015%.
- (6) The Group 2 Trust Assets consist of Ginnie Mae HECM MBS pools AH1271, AH1280, AH1282, AH1287, AH1291, AM0106, AM0108, AS5931, AS5943, AS5944, AS5953, AS8937, AS8964, AT2655, AU1287, AU1303, AU1313, AU2687, AU2688, AU2691, AU2694, AU2696, AU2697, AU2699, AU2703, AU3120, AU3130, AU3872 and AV9505.
- (7) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 2 HECM MBS pools range from 1.640% to 3.140%.
- (8) The Group 3 Trust Assets consist of Ginnie Mae HECM MBS pools 751409, 759743, 765154, 766517, 766525 and 773431.
- (9) The interest rates of the Participations (net of the related Servicing Fee Margin) underlying the Group 3 HECM MBS pools at issuance ranged from 3.640% to 5.200%.
- (10) The Group 4 Trust Assets consist of Ginnie Mae HECM MBS pools 892948, 899398, 899665, AB8453, AB8459, AB8472, AE7142, AE9620, AF5191, AH1266, AK8710, AR1255, AS8965, AU3135, AU9836, AU9840 and AW1818.
- (11) The applicable index for each of the Group 4 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 4 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 related group 1, 2, 4, 5 and 7 securities” in this Supplement.*
- (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 1.640% to 3.140%.
- (13) The Group 5 Trust Assets consist of Ginnie Mae HECM MBS pools AH1288, AU1281 and AU1849.
- (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 1.909% to 2.940%.
- (15) The Group 6 Trust Assets consist of Ginnie Mae HECM MBS pools AH1283, AR2401, AR2402, AR6568, AR6583, AS5935, AS6411, AS8963, AT2663, AT2675, AU1300, AU1302, AU2689 and AU3869.
- (16) The interest rates of the Participations (net of the related Servicing Fee Margin) underlying the Group 6 HECM MBS pools at issuance ranged from 3.630% to 4.950%.

- (17) The Group 7 Trust Assets consist of Ginnie Mae HECM MBS pools 892398, 894764, 897001, 899366, 899656, AE9619, AG8222, AG8263, AO4612, AO8099, AQ2193, AS4583, AS5959 and AU3884.
- (18) The applicable index for each of the Group 7 Trust Assets is one-year CMT (“One-Year CMT”). The actual HECM lifetime caps on interest rate adjustments may limit whether the HECM MBS Rate for a particular Group 7 Trust Asset remains at One-Year CMT (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 related group 1, 2, 4, 5 and 7 securities” in this Supplement.*
- (19) The approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the Group 7 HECM MBS pools range from 0.640% to 1.346%.

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

**Assumed Characteristics of the 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.*

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

**Increased Minimum Denomination Classes:** Each Regular and MX Class. See *“Description of the Securities — Form of Securities” in this Supplement.*

**Interest Rates:** The Interest Rate for the Fixed Rate Class is shown on the front cover of this Supplement.

The Floating Rate Classes will bear interest at per annum rates based on One-Month 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 for Minimum Interest Rate</u>
FA .....	One-Month LIBOR + 0.65%	1.17400%	0.65%	7.50%	0	0.00%
FB .....	One-Month LIBOR + 0.55%	1.07400%	0.55%	11.00%	0	0.00%
FC .....	One-Month LIBOR + 0.75%	1.27400%	0.75%	7.50%	0	0.00%
FG .....	One-Month LIBOR + 0.70%	1.22400%	0.70%	12.00%	0	0.00%
FM .....	One-Month LIBOR + 0.40%	0.92400%	0.40%	(5)	0	0.00%
FN .....	One-Month LIBOR + 0.75%	1.27400%	0.75%	7.50%	0	0.00%

- (1) One-Month 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 will adjust monthly thereafter.
- (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.*
- (5) The maximum rate for Class FM for any Accrual Period will be the WACR for Trust Asset Group 3.

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 MA and PT are set forth in the table below.

<u>Class</u>	<u>Approximate Initial Interest Rate(1)</u>
AI .....	2.53143%
BI .....	1.52533%
CI .....	2.51221%
GI .....	0.50788%
KI .....	2.56744%
MA <sup>(2)</sup> .....	4.61679%
MI .....	3.69279%
NI .....	2.55214%
PT <sup>(2)</sup> .....	3.70543%

- (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 September 1, 2016. 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).

(2) MX Class.

Each of Classes MA and PT is an MX Class that is an HWAC Class that will accrue interest during each Accrual Period at an equivalent annualized rate derived by aggregating the accrued interest on its related REMIC Classes for such Accrual Period expressed as a percentage of its outstanding principal balance for such Accrual Period.

**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 4 Trust Assets over (II) the Class FB 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 BI.

**Class CI 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 FC 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 CI.

**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 7 Trust Assets over (II) the Class FG Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 7 Trust Assets as of the related Record Date for Class GI.

**Class KI 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 KA 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 KI.

**Class MI 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 Class FM Interest Accrual Amount for such Distribution Date, divided by (b) the outstanding principal balance of the Group 3 Trust Assets as of the related Record Date for Class MI.

**Class NI 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 FN 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 NI.

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

#### **SECURITY GROUP 4**

The Group 4 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 5

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

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

**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 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 4 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 4 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 CI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class CI 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 CI on all prior Distribution Dates plus (b) the amount distributed in respect of Class CI 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 CI Deferred Interest Amount can be calculated by subtracting the Class FC 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 CI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class CI Interest Rate on the Class Notional Balance of Class CI (the “Class CI Notional Balance”) as of the related Record Date.

**Class FA 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 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 AI Interest Accrual Amount and the Class FA 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 related 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 4 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 4 Available Distribution Amount for such Distribution Date over (b) the sum of the Class BI Interest Accrual Amount and the Class FB 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 4 Trust Assets as of the related Record Date for Class FB.

**Class FC 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 FC as of the related Record Date. If, on any Distribution Date, the Class FC Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FC 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 FC (the “Class FC Principal Balance”).

**Class FC 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 CI Interest Accrual Amount and the Class FC Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FC 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 FC.

**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 7 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 7 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 7 Trust Assets as of the related Record Date for Class FG.

**Class FM 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 FM as of the related Record Date. If, on any Distribution Date, the Class FM Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FM 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 FM (the “Class FM Principal Balance”).

**Class FM 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 FM Interest Accrual Amount and the Class MI Interest Accrual Amount for such Distribution

Date, and (ii) the quotient of (a) the Class FM Principal Balance as of the related Record Date divided by (b) the outstanding principal balance of the Group 3 Trust Assets as of the related Record Date for Class FM.

**Class FN 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 FN as of the related Record Date. If, on any Distribution Date, the Class FN Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class FN 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 FN (the “Class FN Principal Balance”).

**Class FN 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 FN Interest Accrual Amount and the Class NI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class FN 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 FN.

**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 7 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 7 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 KA 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 KA as of the related Record Date. If, on any Distribution Date, the Class KA Interest Accrual Amount for such Distribution Date exceeds the amount distributed in respect of Class KA 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 KA (the “Class KA Principal Balance”).

**Class KA 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 KA Interest Accrual Amount and the Class KI Interest Accrual Amount for such Distribution Date, and (ii) the quotient of (a) the Class KA Principal Balance as of the related Record Date divided by the outstanding principal balance of the Group 6 Trust Assets of the related Record Date for Class KA.

**Class KI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class KI 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 KI on all prior Distribution Dates plus (b) the amount distributed in respect of Class KI 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 KI Deferred Interest Amount can be calculated by subtracting the Class KA 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 KI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class KI Interest Rate on the Class Notional Balance of Class KI (the “Class KI Notional Balance”) as of the related Record Date.

**Class MI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class MI 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 MI on all prior Distribution Dates plus (b) the amount distributed in respect of Class MI 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 MI Deferred Interest Amount can be calculated by subtracting the Class FM 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 3 Trust Assets after giving effect to any payments or accruals on the related HECM MBS as of such Distribution Date.

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

**Class NI Deferred Interest Amount:** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Class NI 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 NI on all prior Distribution Dates plus (b) the amount distributed in respect of Class NI 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 NI Deferred Interest Amount can be calculated by subtracting the Class FN 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 NI Interest Accrual Amount:** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Class NI Interest Rate on the Class Notional Balance of Class NI (the “Class NI Notional Balance”) as of the related Record Date.

**Deferred Interest Amount:** Any of the Class AI Deferred Interest Amount, the Class BI Deferred Interest Amount, the Class CI Deferred Interest Amount, the Class GI Deferred Interest Amount, the Class KI Deferred Interest Amount, the Class MI Deferred Interest Amount or the Class NI 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 BI Interest Accrual Amount, the Class CI Interest Accrual Amount, the Class FA Interest Accrual Amount, the Class FB Interest Accrual Amount, the Class FC Interest Accrual Amount, the Class FG Interest Accrual Amount, the

Class FM Interest Accrual Amount, the Class FN Interest Accrual Amount, the Class GI Interest Accrual Amount, the Class KA Interest Accrual Amount, the Class KI Interest Accrual Amount, the Class MI Interest Accrual Amount and the Class NI 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, the outstanding principal balance of the related Trust Asset Group, as indicated:

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents</u>
AI .....	\$122,030,298	100% of the Group 1 Trust Assets
BI .....	33,960,470	100% of the Group 4 Trust Assets
CI .....	40,000,000	100% of the Group 5 Trust Assets
GI .....	71,263,709	100% of the Group 7 Trust Assets
KI .....	65,947,107	100% of the Group 6 Trust Assets
MI .....	74,354,933	100% of the Group 3 Trust Assets
NI .....	100,000,000	100% of the Group 2 Trust Assets

**Tax Status:** Double REMIC Series. See “*Certain United States Federal Income Tax Consequences*” in this Supplement and in the Base Offering Circular.

**Regular and Residual Classes:** Class RR is a Residual Class and represents the Residual Interest of the Issuing REMIC and the Pooling REMIC. All other Classes of REMIC Securities are Regular Classes.



## RISK FACTORS

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

***The rate of principal payments on the 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. 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. The FHA regulations related to these clauses are the subject of litigation by surviving non-borrower spouses that 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 WACR of the group 3 trust assets may limit the amount of interest distributed to or accrued on the related floating rate and notional classes.*** The interest entitlements of the group 3 floating rate class is capped at the WACR of the related trust assets. If the WACR of the group 3 trust assets is equal to or lower than the interest rate on the related floating rate class based on the interest rate formula as shown under “Terms Sheet — Interest Rates” in this supplement for any accrual period, interest entitlements with respect to the related interest only class may be reduced to zero because such class is entitled to receive the excess of interest accrued in respect of the related trust assets over the interest accrued on the related floating rate class. In addition, if the WACR of the group 3 trust assets is lower than the interest rate on the related floating rate class based on its interest

rate formula as shown under “Terms Sheet — Interest Rates” in this supplement for any accrual period, interest accruing on such floating rate class will be reduced because the interest rate on such class is capped at a rate equal to the WACR of the related trust assets.

***The levels of one-month LIBOR, one-year LIBOR and one-year CMT, as applicable, will affect payments and yields on the group 1 through 5 and 7 securities.*** If one-month LIBOR, one-year LIBOR or one-year CMT, 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, may reduce the yield on floating rate securities. You should bear in mind that the timing of changes in one-month LIBOR, one-year LIBOR or one-year CMT, as applicable, may also affect your yield: generally the earlier a change in one-month LIBOR, one-year LIBOR or one-year CMT, as applicable, occurs, the greater the effect such change will have on your yield. It is doubtful that one-month LIBOR, one-year LIBOR or one-year CMT will remain constant.

In addition, higher levels of one-month LIBOR, one-year LIBOR or one-year CMT, 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 for the HECMs related to the participations underlying the group 4 trust assets may not equal one-month LIBOR for the group 4 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 4 securities.*** One-month LIBOR for the HECMs related to the participations underlying the group 4 trust assets may be determined at different times and from a different source than one-month LIBOR on the related securities. If one-month LIBOR for

the HECMs related to the participations underlying the group 4 trust assets is lower than one-month LIBOR 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 for the HECMs related to the participations underlying the group 4 trust assets is significantly lower than one-month LIBOR 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 for the HECMs related to the participations underlying the group 4 trust assets is higher than one-month LIBOR 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 7 securities.*** If one-month LIBOR, one-year LIBOR or one-year CMT, as applicable, increases to a sufficiently high level, the interest rates on the adjustable rate HECMs related to the participations underlying the group 1, 2, 4, 5 and 7 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 7 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 (other than Class FM) 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 exceeds certain levels, the interest rate of each floating rate class (other than Class FM) 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. Class FM is subject to a maximum rate that is equal to the WACR for the related trust asset group.

***The mortgage rate indexes for the HECMs related to the participations underlying the group 1, 2, 5 and 7 trust assets are different than the interest rate index for the group 1, 2, 5 and 7 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2, 5 and 7 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 1, 2 and 5 trust assets and one-month LIBOR is the interest rate index for the group 1, 2 and 5 securities. One-year CMT is the mortgage rate index for the HECMs related to the participations underlying the group 7 trust assets and one-month LIBOR is the interest rate index for the group 7 securities. Because the indexes are determined in a different manner and at different times, and because the interest rates on the group 1, 2, 5 and 7 securities will adjust monthly based on one-month LIBOR whereas the certificate rates on the group 1, 2 and 5 trust assets will adjust annually after the initial fixed rate period and the certificate rates on the group 7 trust assets will adjust monthly based on one-year CMT, there may be a mismatch between the certificate rates on the group 1, 2, 5 and 7 trust assets and the interest rates on the group 1, 2, 5 and 7 securities. In addition, the annual adjustable rate HECMs related to the participations underlying each group 1, 2 and 5 trust asset and the monthly adjustable rate HECMs related to the participations underlying the group 7 trust assets,

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-year LIBOR for the group 1, 2 and 5 trust assets, or one-year CMT for the group 7 trust assets, is lower than one-month LIBOR for the group 1, 2, 5 and 7 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 group 1, 2, 5 and 7 trust assets, as applicable, over the interest distributable to the related floating rate class. In addition, if one-year LIBOR for the group 1, 2 and 5 trust assets, or one-year CMT for the group 7 trust assets, is significantly lower than one-month LIBOR for the group 1, 2, 5 and 7 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 group 1, 2, 5 and 7 trust assets, as applicable. In the event that one-year LIBOR for the group 1, 2 and 5 trust assets, or one-year CMT for the group 7 trust assets, is higher than one-month LIBOR for the group 1, 2, 5 and 7 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.

***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 pur-

chase 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 7 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 for the HECMs related to the participations underlying the group 4 trust assets may not equal one-month LIBOR for the group 4 securities which may impact, perhaps significantly, the amount of interest distributable to the group 4 securities” and “Risk Factors — The mortgage rate indexes for the HECMs related to the participations underlying the group 1, 2, 5 and 7 trust assets are different than the interest rate index for the group 1, 2, 5 and 7 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2, 5 and 7 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 and MX 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 and on Schedule I to 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 and MX Class is set forth in the table below:

<b>Class</b>	<b>Accrual Period</b>
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 Class*

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

### *Floating Rate Classes*

The Floating Rate Classes will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement. The Interest Rates for the Floating Rate Classes 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 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 4 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 for the HECMs related to the participations underlying the group 4 trust assets, may not equal one-month LIBOR for the group 4 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 4 securities” in this Supplement.*

For information regarding the manner in which the Trustee determines One-Month 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 for a Distribution Date accurately represents the offered rate at which one-month 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 will not change. Any change in

One-Month LIBOR values resulting from any change in reporting or in the determination of One-Month LIBOR may cause One-Month LIBOR to fluctuate disproportionately to changes in other market lending rates.

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

The HECM MBS Weighted Average Coupon Classes 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 7 Trust Assets, see *“Risk Factors — One-month LIBOR for the HECMs related to the participations underlying the group 4 trust assets may not equal one-month LIBOR for the group 4 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 4 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 7 securities”* in this Supplement and *“Risk Factors — The mortgage rate indexes for the HECMs related to the participations underlying the group 1, 2, 5 and 7 trust assets are different than the interest rate index for the group 1, 2, 5 and 7 securities, which may impact, perhaps significantly, the amount of interest distributable to the group 1, 2, 5 and 7 securities after the initial fixed rate period of the related HECMs”* in this Supplement. With respect to the participations underlying the Group 3 Trust Assets, see *“Risk Factors — The WACR of the group 3 trust assets may limit the amount of interest distributed to or accrued on the related floating rate and notional classes”* in this Supplement.

The Trustee’s determinations of One-Month LIBOR and its calculations of the Interest Rates will be final except in the case of clear error. Investors can obtain One-Month 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 FA, FB, FC, FG, FM, FN and KA 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 and on Schedule I to 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 Securities will represent the beneficial ownership of the Residual Interest in the Issuing REMIC and the beneficial ownership of the Residual Interest in the Pooling REMIC, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. The Class RR Securities have no Class Principal Balance and do not accrue interest. The Class RR Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMICs after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

### **Class Factors**

The Trustee will calculate and make available for each Class of Securities, no later than the day preceding the Distribution Date, the factor (carried out to eight decimal places) that when multiplied by the Original Class Principal Balance (or original Class Notional Balance) of that Class, determines the Class Principal Balance (or Class Notional Balance) after giving effect to the distribution of principal to be made on the Securities (and any addition to the Class Principal Balance of a HECM MBS Accrual Class, in the case of the Class MA Securities, any addition to the Class Principal Balance of Class MA resulting from an increase in the Class MI Deferred Interest Amount and, in the case of the Class PT Securities, any addition to the Class Principal Balance of Class PT resulting from an increase in the Class AI Deferred Interest Amount) 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.
- The Class Factors for the MX Classes and the Classes of REMIC Securities that are exchangeable for the MX Classes will be calculated assuming that the maximum possible amount of each Class is outstanding at all times, regardless of any exchanges that may occur.
- 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 the Trust and retire the Securities.

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

## **Modification and Exchange**

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

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

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner's Book-Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal or notional balances of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee by email to USBGNMATEam@USBank.com or in writing at its Corporate Trust Office at One Federal Street, 3rd Floor, Boston, MA 02110, Attention: Ginnie Mae Program Agency Group 2016-H20. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

A fee will be payable to the Trustee in connection with each exchange equal to 1/32 of 1% of the outstanding principal balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000). The fee must be paid concurrently with the exchange.

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

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



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

### **General**

The prepayment experience of the 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 under 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, One-Year LIBOR or One-Year CMT, 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 or on Schedule I to this Supplement, is the latest date on which the related Class Principal Balance or Class Notional Balance will be reduced to zero. 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 September 2016.
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 October 2016.
5. A termination of the Trust does not occur.
6. The Closing Date for the Securities is September 30, 2016.
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 value of One-Month LIBOR on the Group 1, 2 and 5 Securities is 0.52400%; however, the interest rate on the Group 1, 2 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 1, 2 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 is used to calculate the interest rate with respect to the Group 1, 2 and 5 HECMs, while on all Distribution Date 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.
11. The initial value of One-Month LIBOR on the Group 4 Securities is 0.52400%; however, the interest rate on the Group 4 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 such adjustable rate HECMs is assumed to be the same as the value of One-Month LIBOR on the Group 4 Securities. For purposes of the Group 4 decrement tables, on all Distribution Dates occurring after the first Distribution Date, the constant value of One-Month LIBOR shown with respect to such decrement table is used to calculate the interest rate with respect to the Group 4 adjustable rate HECMs and to the applicable Class.
12. The initial value of One-Month LIBOR on the Group 7 Securities is 0.52400%; however, the interest rate on the Group 7 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 7 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 CMT shown is used to calculate the interest rate with respect to the Group 7 HECMs, while on all Distribution Date 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.

13. The HECMs and the Participations underlying the Group 1, 2 and 5 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 4 and 7 Trust Assets.

14. The initial value of One-Month LIBOR on the Group 3 Securities is 0.52400%.

15. 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.

16. No borrower changes payment plans.

17. Each Class is held from the Closing Date and is not exchanged in whole or in part.

18. 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, 2, 4, 5 and 7 Securities may differ from One-Month LIBOR, One-Year LIBOR or One-Year CMT, as applicable, 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 or MX Class, based on the assumptions that the related HECMs prepay at the PPC Prepayment Assumption Rates set forth in such tables, One-Month LIBOR, One-Year LIBOR and One-Year CMT, 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, One-Year LIBOR and One-Year CMT, 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* 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class AI* 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class AI* 0.52400% One-Month LIBOR 6.52600% 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
September 2017	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	92	89	85	111	98	94	91	87	111	99	95	91	87
September 2019	113	91	85	79	73	118	96	89	83	77	120	98	91	84	78
September 2020	117	86	77	68	61	126	92	82	73	65	131	96	85	76	68
September 2021	122	79	68	58	49	134	87	74	63	54	142	92	79	67	57
September 2022	126	72	59	47	38	129	73	59	48	39	138	78	64	52	41
September 2023	130	64	50	38	29	135	66	51	39	30	138	67	52	40	30
September 2024	123	51	37	27	19	133	55	40	29	20	68	28	21	15	10
September 2025	125	44	30	20	13	102	36	24	16	11	67	24	16	11	7
September 2026	130	38	24	15	9	64	19	12	7	4	66	19	12	8	5
September 2027	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029	58	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

PPC Prepayment Assumption Rates															
Distribution Date	Class AI* 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class AI* 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class AI* 3.68700% One-Month LIBOR 6.52600% 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
September 2017	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	92	89	85	111	98	94	91	87	111	99	95	91	87
September 2019	113	91	85	79	73	118	96	89	83	77	120	98	91	84	78
September 2020	117	86	77	68	61	126	92	82	73	65	131	96	85	76	68
September 2021	122	79	68	58	49	134	87	74	63	54	142	92	79	67	57
September 2022	126	72	59	47	38	129	73	59	48	39	138	78	64	52	41
September 2023	130	64	50	38	29	135	66	51	39	30	138	67	52	40	30
September 2024	123	51	37	27	19	133	55	40	29	20	68	28	21	15	10
September 2025	125	44	30	20	13	102	36	24	16	11	67	24	16	11	7
September 2026	130	38	24	15	9	64	19	12	7	4	66	19	12	8	5
September 2027	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029	58	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

\* 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 and One-Year 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 AI* 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class AI* 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class AI* 6.85000% One-Month LIBOR 6.52600% 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
September 2017	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	92	89	85	111	98	94	91	87	111	99	95	91	87
September 2019	113	91	85	79	73	118	96	89	83	77	120	98	91	84	78
September 2020	117	86	77	68	61	126	92	82	73	65	131	96	85	76	68
September 2021	122	79	68	58	49	134	87	74	63	54	142	92	79	67	57
September 2022	126	72	59	47	38	129	73	59	48	39	138	78	64	52	41
September 2023	130	64	50	38	29	135	66	51	39	30	138	67	52	40	30
September 2024	123	51	37	27	19	133	55	40	29	20	68	28	21	15	10
September 2025	125	44	30	20	13	102	36	24	16	11	67	24	16	11	7
September 2026	130	38	24	15	9	64	19	12	7	4	66	19	12	8	5
September 2027	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029	58	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

\* 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 and One-Year 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.

PPC Prepayment Assumption Rates															
Distribution Date	Class FA 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class FA 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class FA 0.52400% One-Month LIBOR 6.52600% 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
September 2017	101	99	98	96	95	101	100	98	97	95	101	100	98	97	95
September 2018	102	96	92	89	85	102	98	94	91	87	102	99	95	91	87
September 2019	104	91	85	79	73	104	96	89	83	77	104	97	91	84	78
September 2020	105	86	77	68	61	105	92	82	73	65	105	95	85	76	68
September 2021	106	79	68	58	49	106	87	74	63	54	106	92	79	67	57
September 2022	107	72	59	47	38	97	73	59	48	39	98	78	64	52	41
September 2023	108	64	50	38	29	98	66	51	39	30	92	67	52	40	30
September 2024	99	51	37	27	19	93	55	40	29	20	44	28	21	15	10
September 2025	99	44	30	20	13	68	36	24	16	11	42	24	16	11	7
September 2026	100	38	24	15	9	42	19	12	7	4	38	19	12	8	5
September 2027	94	30	18	10	6	41	16	9	5	3	0	0	0	0	0
September 2028	80	21	11	6	3	37	12	7	4	2	0	0	0	0	0
September 2029	42	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030	41	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031	41	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032	42	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.5	8.5	7.1	6.1	5.3	9.8	8.0	6.9	6.1	5.4	8.3	7.4	6.6	5.9	5.3

Security Group 1 PPC Prepayment Assumption Rates															
Distribution Date	Class FA 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class FA 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class FA 3.68700% One-Month LIBOR 6.52600% 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
September 2017 . . . . .	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018 . . . . .	108	96	92	89	85	108	98	94	91	87	108	99	95	91	87
September 2019 . . . . .	112	91	85	79	73	113	96	89	83	77	113	97	91	84	78
September 2020 . . . . .	117	86	77	68	61	118	92	82	73	65	118	95	85	76	68
September 2021 . . . . .	122	79	68	58	49	123	87	74	63	54	123	92	79	67	57
September 2022 . . . . .	126	72	59	47	38	116	73	59	48	39	116	78	64	52	41
September 2023 . . . . .	130	64	50	38	29	120	66	51	39	30	112	67	52	40	30
September 2024 . . . . .	122	51	37	27	19	116	55	40	29	20	55	28	21	15	10
September 2025 . . . . .	125	44	30	20	13	87	36	24	16	11	53	24	16	11	7
September 2026 . . . . .	130	38	24	15	9	54	19	12	7	4	49	19	12	8	5
September 2027 . . . . .	126	30	18	10	6	55	16	9	5	3	0	0	0	0	0
September 2028 . . . . .	108	21	11	6	3	51	12	7	4	2	0	0	0	0	0
September 2029 . . . . .	57	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 . . . . .	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031 . . . . .	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032 . . . . .	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	13.7	8.5	7.1	6.1	5.3	9.8	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

PPC Prepayment Assumption Rates															
Distribution Date	Class FA 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class FA 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class FA 6.85000% One-Month LIBOR 6.52600% 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
September 2017 . . . . .	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018 . . . . .	108	96	92	89	85	110	98	94	91	87	111	99	95	91	87
September 2019 . . . . .	112	91	85	79	73	118	96	89	83	77	119	97	91	84	78
September 2020 . . . . .	117	86	77	68	61	126	92	82	73	65	129	95	85	76	68
September 2021 . . . . .	122	79	68	58	49	134	87	74	63	54	138	92	79	67	57
September 2022 . . . . .	126	72	59	47	38	128	73	59	48	39	133	78	64	52	41
September 2023 . . . . .	130	64	50	38	29	135	66	51	39	30	132	67	52	40	30
September 2024 . . . . .	122	51	37	27	19	133	55	40	29	20	65	28	21	15	10
September 2025 . . . . .	125	44	30	20	13	102	36	24	16	11	64	24	16	11	7
September 2026 . . . . .	130	38	24	15	9	64	19	12	7	4	61	19	12	8	5
September 2027 . . . . .	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028 . . . . .	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029 . . . . .	57	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 . . . . .	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031 . . . . .	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032 . . . . .	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

Security Group 1 PPC Prepayment Assumption Rates															
Distribution Date	Class PT 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class PT 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class PT 0.52400% One-Month LIBOR 6.52600% 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
September 2017 . . . . .	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018 . . . . .	108	96	92	89	85	111	98	94	91	87	111	99	95	91	87
September 2019 . . . . .	113	91	85	79	73	118	96	89	83	77	120	98	91	84	78
September 2020 . . . . .	117	86	77	68	61	126	92	82	73	65	131	96	85	76	68
September 2021 . . . . .	122	79	68	58	49	134	87	74	63	54	142	92	79	67	57
September 2022 . . . . .	126	72	59	47	38	129	73	59	48	39	138	78	64	52	41
September 2023 . . . . .	130	64	50	38	29	135	66	51	39	30	138	67	52	40	30
September 2024 . . . . .	123	51	37	27	19	133	55	40	29	20	68	28	21	15	10
September 2025 . . . . .	125	44	30	20	13	102	36	24	16	11	67	24	16	11	7
September 2026 . . . . .	130	38	24	15	9	64	19	12	7	4	66	19	12	8	5
September 2027 . . . . .	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028 . . . . .	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029 . . . . .	58	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 . . . . .	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031 . . . . .	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032 . . . . .	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

PPC Prepayment Assumption Rates															
Distribution Date	Class PT 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class PT 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class PT 3.68700% One-Month LIBOR 6.52600% 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
September 2017 . . . . .	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018 . . . . .	108	96	92	89	85	111	98	94	91	87	111	99	95	91	87
September 2019 . . . . .	113	91	85	79	73	118	96	89	83	77	120	98	91	84	78
September 2020 . . . . .	117	86	77	68	61	126	92	82	73	65	131	96	85	76	68
September 2021 . . . . .	122	79	68	58	49	134	87	74	63	54	142	92	79	67	57
September 2022 . . . . .	126	72	59	47	38	129	73	59	48	39	138	78	64	52	41
September 2023 . . . . .	130	64	50	38	29	135	66	51	39	30	138	67	52	40	30
September 2024 . . . . .	123	51	37	27	19	133	55	40	29	20	68	28	21	15	10
September 2025 . . . . .	125	44	30	20	13	102	36	24	16	11	67	24	16	11	7
September 2026 . . . . .	130	38	24	15	9	64	19	12	7	4	66	19	12	8	5
September 2027 . . . . .	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028 . . . . .	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029 . . . . .	58	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 . . . . .	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031 . . . . .	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032 . . . . .	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

Security Group 1 PPC Prepayment Assumption Rates															
Distribution Date	Class PT 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class PT 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class PT 6.85000% One-Month LIBOR 6.52600% 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
September 2017	104	99	98	96	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	92	89	85	111	98	94	91	87	111	99	95	91	87
September 2019	113	91	85	79	73	118	96	89	83	77	120	98	91	84	78
September 2020	117	86	77	68	61	126	92	82	73	65	131	96	85	76	68
September 2021	122	79	68	58	49	134	87	74	63	54	142	92	79	67	57
September 2022	126	72	59	47	38	129	73	59	48	39	138	78	64	52	41
September 2023	130	64	50	38	29	135	66	51	39	30	138	67	52	40	30
September 2024	123	51	37	27	19	133	55	40	29	20	68	28	21	15	10
September 2025	125	44	30	20	13	102	36	24	16	11	67	24	16	11	7
September 2026	130	38	24	15	9	64	19	12	7	4	66	19	12	8	5
September 2027	126	30	18	10	6	66	16	9	5	3	0	0	0	0	0
September 2028	108	21	11	6	3	62	12	7	4	2	0	0	0	0	0
September 2029	58	9	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2030	58	7	3	1	1	0	0	0	0	0	0	0	0	0	0
September 2031	60	6	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2032	62	5	2	1	0	0	0	0	0	0	0	0	0	0	0
September 2033 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	8.5	7.1	6.1	5.3	9.9	8.0	6.9	6.1	5.4	8.4	7.4	6.6	5.9	5.3

Security Group 2 PPC Prepayment Assumption Rates															
Distribution Date	Class FN 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class FN 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class FN 0.52400% One-Month LIBOR 6.52600% 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
September 2017	101	100	98	97	96	101	100	99	97	96	101	100	99	97	96
September 2018	103	97	93	90	86	103	99	95	91	88	103	99	95	92	88
September 2019	104	92	86	80	74	104	96	90	84	78	104	98	91	85	79
September 2020	105	86	78	69	62	105	93	83	75	66	105	96	86	77	69
September 2021	107	80	69	59	50	107	88	76	65	55	107	93	80	69	58
September 2022	108	73	60	49	39	108	81	67	54	44	105	84	69	56	45
September 2023	109	65	51	39	30	106	72	56	43	33	78	55	43	33	25
September 2024	110	58	42	31	22	85	51	37	27	19	28	18	13	10	7
September 2025	107	48	33	23	15	48	25	17	12	8	1	0	0	0	0
September 2026	98	37	24	15	9	1	0	0	0	0	0	0	0	0	0
September 2027	87	28	17	10	5	0	0	0	0	0	0	0	0	0	0
September 2028	51	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029	30	7	3	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	11.9	8.4	7.1	6.2	5.4	8.8	7.6	6.7	6.0	5.4	7.5	6.9	6.3	5.7	5.2

PPC Prepayment Assumption Rates															
Distribution Date	Class FN 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class FN 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class FN 3.68700% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	96	104	100	99	97	96	104	100	99	97	96
September 2018	108	97	93	90	86	109	99	95	91	88	109	99	95	92	88
September 2019	113	92	86	80	74	114	96	90	84	78	114	98	91	85	79
September 2020	117	86	78	69	62	119	93	83	75	66	119	96	86	77	69
September 2021	122	80	69	59	50	124	88	76	65	55	124	93	80	69	58
September 2022	127	73	60	49	39	128	81	67	54	44	125	84	69	56	45
September 2023	132	65	51	39	30	129	72	56	43	33	94	55	43	33	25
September 2024	136	58	42	31	22	105	51	37	27	19	34	18	13	10	7
September 2025	135	49	33	23	15	60	25	17	12	8	1	0	0	0	0
September 2026	126	37	24	15	9	1	0	0	0	0	1	0	0	0	0
September 2027	113	28	17	10	5	1	0	0	0	0	0	0	0	0	0
September 2028	67	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029	41	7	3	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.0	8.4	7.1	6.2	5.4	8.8	7.6	6.7	6.0	5.4	7.5	6.9	6.3	5.7	5.2

Security Group 2 PPC Prepayment Assumption Rates															
Distribution Date	Class FN 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class FN 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class FN 6.85000% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	96	104	100	99	97	96	104	100	99	97	96
September 2018	108	97	93	90	86	110	99	95	91	88	111	99	95	92	88
September 2019	113	92	86	80	74	118	96	90	84	78	119	98	91	85	79
September 2020	117	86	78	69	62	126	93	83	75	66	128	96	86	77	69
September 2021	122	80	69	59	50	134	88	76	65	55	138	93	80	69	58
September 2022	127	73	60	49	39	142	81	67	54	44	142	84	69	56	45
September 2023	132	65	51	39	30	145	72	56	43	33	107	55	43	33	25
September 2024	136	58	42	31	22	119	51	37	27	19	39	18	13	10	7
September 2025	135	49	33	23	15	68	25	17	12	8	1	0	0	0	0
September 2026	126	37	24	15	9	1	0	0	0	0	1	0	0	0	0
September 2027	113	28	17	10	5	1	0	0	0	0	0	0	0	0	0
September 2028	67	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029	41	7	3	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.0	8.4	7.1	6.2	5.4	8.8	7.6	6.7	6.0	5.4	7.5	6.9	6.3	5.7	5.2

PPC Prepayment Assumption Rates															
Distribution Date	Class NI* 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class NI* 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class NI* 0.52400% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	96	104	100	99	97	96	104	100	99	97	96
September 2018	108	97	93	90	86	111	99	95	91	88	111	99	95	92	88
September 2019	113	92	86	80	74	118	97	90	84	78	120	98	91	85	79
September 2020	118	87	78	69	62	126	93	83	75	66	131	96	86	77	69
September 2021	122	80	69	59	50	135	88	76	65	55	143	93	80	69	58
September 2022	128	73	60	49	39	142	82	67	54	44	148	85	69	56	45
September 2023	132	66	51	39	30	145	72	56	43	33	112	56	43	33	25
September 2024	136	58	42	31	22	120	51	37	27	19	41	18	13	10	7
September 2025	136	49	33	23	15	68	25	17	12	8	1	0	0	0	0
September 2026	126	37	24	15	9	1	0	0	0	0	1	0	0	0	0
September 2027	113	28	17	10	5	1	0	0	0	0	0	0	0	0	0
September 2028	67	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029	41	7	3	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.0	8.4	7.1	6.2	5.4	8.8	7.6	6.7	6.0	5.4	7.5	6.9	6.3	5.7	5.2

\* The decrement tables for Class NI reflect only the Class NI 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 NI Notional Balance at the Class NI Interest Rate, Class NI is entitled to the Class NI Deferred Interest Amount. No representation is made about the timing of distributions of the Class NI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class NI.



Security Group 2 PPC Prepayment Assumption Rates															
Distribution Date	Class NI* 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class NI* 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class NI* 3.68700% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	96	104	100	99	97	96	104	100	99	97	96
September 2018	108	97	93	90	86	111	99	95	91	88	111	99	95	92	88
September 2019	113	92	86	80	74	118	97	90	84	78	120	98	91	85	79
September 2020	118	87	78	69	62	126	93	83	75	66	131	96	86	77	69
September 2021	122	80	69	59	50	135	88	76	65	55	143	93	80	69	58
September 2022	128	73	60	49	39	142	82	67	54	44	148	85	69	56	45
September 2023	132	66	51	39	30	145	72	56	43	33	112	56	43	33	25
September 2024	136	58	42	31	22	120	51	37	27	19	41	18	13	10	7
September 2025	136	49	33	23	15	68	25	17	12	8	1	0	0	0	0
September 2026	126	37	24	15	9	1	0	0	0	0	1	0	0	0	0
September 2027	113	28	17	10	5	1	0	0	0	0	0	0	0	0	0
September 2028	67	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029	41	7	3	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.0	8.4	7.1	6.2	5.4	8.8	7.6	6.7	6.0	5.4	7.5	6.9	6.3	5.7	5.2

PPC Prepayment Assumption Rates															
Distribution Date	Class NI* 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class NI* 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class NI* 6.85000% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	96	104	100	99	97	96	104	100	99	97	96
September 2018	108	97	93	90	86	111	99	95	91	88	111	99	95	92	88
September 2019	113	92	86	80	74	118	97	90	84	78	120	98	91	85	79
September 2020	118	87	78	69	62	126	93	83	75	66	131	96	86	77	69
September 2021	122	80	69	59	50	135	88	76	65	55	143	93	80	69	58
September 2022	128	73	60	49	39	142	82	67	54	44	148	85	69	56	45
September 2023	132	66	51	39	30	145	72	56	43	33	112	56	43	33	25
September 2024	136	58	42	31	22	120	51	37	27	19	41	18	13	10	7
September 2025	136	49	33	23	15	68	25	17	12	8	1	0	0	0	0
September 2026	126	37	24	15	9	1	0	0	0	0	1	0	0	0	0
September 2027	113	28	17	10	5	1	0	0	0	0	0	0	0	0	0
September 2028	67	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029	41	7	3	2	1	0	0	0	0	0	0	0	0	0	0
September 2030 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.0	8.4	7.1	6.2	5.4	8.8	7.6	6.7	6.0	5.4	7.5	6.9	6.3	5.7	5.2

\* The decrement tables for Class NI reflect only the Class NI 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 NI Notional Balance at the Class NI Interest Rate, Class NI is entitled to the Class NI Deferred Interest Amount. No representation is made about the timing of distributions of the Class NI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class NI.

Security Group 3 PPC Prepayment Assumption Rates															
Distribution Date	Class FM 0.15000% One-Month LIBOR					Class FM 0.52400% One-Month LIBOR					Class FM 1.77300% 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
September 2017 . . . . .	101	92	88	84	80	101	92	88	84	80	102	92	88	84	80
September 2018 . . . . .	13	11	10	9	8	13	11	10	9	8	13	11	10	9	8
September 2019 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3

PPC Prepayment Assumption Rates										
Distribution Date	Class FM 3.02200% One-Month LIBOR					Class FM 4.27100% 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
September 2017 . . . . .	103	92	88	84	80	104	92	88	84	80
September 2018 . . . . .	13	11	10	9	8	13	11	10	9	8
September 2019 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3

PPC Prepayment Assumption Rates															
Distribution Date	Class MA 0.15000% One-Month LIBOR					Class MA 0.52400% One-Month LIBOR					Class MA 1.77300% 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
September 2017 . . . . .	105	92	88	84	80	105	92	88	84	80	105	92	88	84	80
September 2018 . . . . .	13	11	10	9	8	13	11	10	9	8	13	11	10	9	8
September 2019 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3

PPC Prepayment Assumption Rates										
Distribution Date	Class MA 3.02200% One-Month LIBOR					Class MA 4.27100% 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
September 2017 . . . . .	105	92	88	84	80	105	92	88	84	80
September 2018 . . . . .	13	11	10	9	8	13	11	10	9	8
September 2019 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3

Security Group 3 PPC Prepayment Assumption Rates															
Distribution Date	Class MI* 0.15000% One-Month LIBOR					Class MI* 0.52400% One-Month LIBOR					Class MI* 1.77300% 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
September 2017 . . . . .	105	92	88	84	80	105	92	88	84	80	105	92	88	84	80
September 2018 . . . . .	13	11	10	9	8	13	11	10	9	8	13	11	10	9	8
September 2019 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3

PPC Prepayment Assumption Rates										
Distribution Date	Class MI* 3.02200% One-Month LIBOR					Class MI* 4.27100% 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
September 2017 . . . . .	105	92	88	84	80	105	92	88	84	80
September 2018 . . . . .	13	11	10	9	8	13	11	10	9	8
September 2019 and thereafter . . . . .	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.4	1.4	1.3

\* The decrement tables for Class MI reflect only the Class MI 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 MI Notional Balance at the Class MI Interest Rate, Class MI is entitled to the Class MI Deferred Interest Amount. No representation is made about the timing of distributions of the Class MI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class MI.

Security Group 4 PPC Prepayment Assumption Rates															
Distribution Date	Class BI* 0.52400% One-Month LIBOR					Class BI* 1.52400% One-Month LIBOR					Class BI* 4.51833% 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
September 2017	103	92	89	85	82	104	93	90	86	83	107	96	92	89	85
September 2018	105	84	77	71	65	107	86	79	72	66	114	91	84	77	70
September 2019	108	75	66	58	50	111	78	68	60	52	121	85	74	65	56
September 2020	111	67	56	46	38	116	70	58	48	39	123	74	62	51	42
September 2021	114	59	46	36	28	113	59	46	36	28	127	66	52	41	31
September 2022	110	48	35	26	19	116	51	38	27	20	81	37	28	21	16
September 2023	112	41	28	19	13	118	43	30	20	14	64	26	19	14	10
September 2024	112	34	22	14	8	104	31	20	13	8	58	19	13	8	5
September 2025	110	27	16	9	5	90	23	14	8	5	18	5	3	2	1
September 2026	97	19	11	6	3	62	14	8	5	3	18	4	2	1	0
September 2027	86	14	7	4	2	51	9	5	2	1	11	2	1	0	0
September 2028	63	9	4	2	1	51	7	3	1	1	1	0	0	0	0
September 2029	58	7	3	1	0	33	3	1	1	0	0	0	0	0	0
September 2030	48	4	1	1	0	16	1	0	0	0	0	0	0	0	0
September 2031	49	3	1	0	0	16	1	0	0	0	0	0	0	0	0
September 2032	31	1	0	0	0	17	1	0	0	0	0	0	0	0	0
September 2033	15	0	0	0	0	9	0	0	0	0	0	0	0	0	0
September 2034	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2035	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2036	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2037	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2038 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.4	6.3	5.1	4.3	3.6	11.1	6.2	5.1	4.3	3.7	7.3	5.5	4.8	4.2	3.7

PPC Prepayment Assumption Rates										
Distribution Date	Class BI* 7.51267% One-Month LIBOR					Class BI* 10.50700% 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
September 2017	109	98	95	91	87	112	101	97	93	90
September 2018	120	96	88	81	74	127	101	93	86	78
September 2019	131	92	81	70	61	133	93	82	72	62
September 2020	117	71	59	49	40	79	51	43	37	31
September 2021	74	41	33	27	21	43	23	18	15	11
September 2022	60	28	21	16	12	21	9	7	5	4
September 2023	20	7	5	3	2	1	0	0	0	0
September 2024	11	3	2	1	1	1	0	0	0	0
September 2025	1	0	0	0	0	1	0	0	0	0
September 2026	1	0	0	0	0	0	0	0	0	0
September 2027	0	0	0	0	0	0	0	0	0	0
September 2028	0	0	0	0	0	0	0	0	0	0
September 2029	0	0	0	0	0	0	0	0	0	0
September 2030	0	0	0	0	0	0	0	0	0	0
September 2031	0	0	0	0	0	0	0	0	0	0
September 2032	0	0	0	0	0	0	0	0	0	0
September 2033	0	0	0	0	0	0	0	0	0	0
September 2034	0	0	0	0	0	0	0	0	0	0
September 2035	0	0	0	0	0	0	0	0	0	0
September 2036	0	0	0	0	0	0	0	0	0	0
September 2037	0	0	0	0	0	0	0	0	0	0
September 2038 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	5.5	4.8	4.3	3.9	3.5	4.5	4.2	3.9	3.6	3.2

\* The decrement tables for Class BI reflect only the Class BI 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 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 4 PPC Prepayment Assumption Rates															
Distribution Date	Class FB 0.52400% One-Month LIBOR					Class FB 1.52400% One-Month LIBOR					Class FB 4.51833% 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
September 2017	101	92	89	85	82	102	93	90	86	83	105	96	92	89	85
September 2018	102	84	77	71	65	104	86	79	72	66	110	91	84	77	70
September 2019	103	75	66	58	50	106	78	68	60	52	116	85	74	65	56
September 2020	104	67	56	46	38	108	70	58	48	39	116	74	62	51	42
September 2021	105	59	46	36	28	105	59	46	36	28	119	66	52	41	31
September 2022	101	48	35	26	19	106	51	38	27	20	75	37	28	21	16
September 2023	102	41	28	19	13	107	43	30	20	14	59	26	19	14	10
September 2024	100	34	22	14	8	94	31	20	13	8	53	19	13	8	5
September 2025	98	27	16	9	5	81	23	14	8	5	17	5	3	2	1
September 2026	86	19	11	6	3	55	14	8	5	3	16	4	2	1	0
September 2027	76	14	7	4	2	44	9	5	2	1	9	2	1	0	0
September 2028	55	9	4	2	1	44	7	3	1	1	0	0	0	0	0
September 2029	50	7	3	1	0	28	3	1	1	0	0	0	0	0	0
September 2030	40	4	1	1	0	13	1	0	0	0	0	0	0	0	0
September 2031	41	3	1	0	0	13	1	0	0	0	0	0	0	0	0
September 2032	26	1	0	0	0	13	1	0	0	0	0	0	0	0	0
September 2033	12	0	0	0	0	8	0	0	0	0	0	0	0	0	0
September 2034	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2035	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2036	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2037	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2038 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.2	6.3	5.1	4.3	3.6	10.9	6.2	5.1	4.3	3.7	7.3	5.5	4.8	4.2	3.7

PPC Prepayment Assumption Rates										
Distribution Date	Class FB 7.51267% One-Month LIBOR					Class FB 10.50700% 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
September 2017	108	98	95	91	87	111	101	97	93	90
September 2018	117	96	88	81	74	123	101	93	86	78
September 2019	126	92	81	70	61	128	93	82	72	62
September 2020	111	71	59	49	40	76	51	43	37	31
September 2021	70	41	33	27	21	41	23	18	15	11
September 2022	57	28	21	16	12	20	9	7	5	4
September 2023	18	7	5	3	2	1	0	0	0	0
September 2024	10	3	2	1	1	1	0	0	0	0
September 2025	1	0	0	0	0	1	0	0	0	0
September 2026	1	0	0	0	0	0	0	0	0	0
September 2027	0	0	0	0	0	0	0	0	0	0
September 2028	0	0	0	0	0	0	0	0	0	0
September 2029	0	0	0	0	0	0	0	0	0	0
September 2030	0	0	0	0	0	0	0	0	0	0
September 2031	0	0	0	0	0	0	0	0	0	0
September 2032	0	0	0	0	0	0	0	0	0	0
September 2033	0	0	0	0	0	0	0	0	0	0
September 2034	0	0	0	0	0	0	0	0	0	0
September 2035	0	0	0	0	0	0	0	0	0	0
September 2036	0	0	0	0	0	0	0	0	0	0
September 2037	0	0	0	0	0	0	0	0	0	0
September 2038 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	5.5	4.8	4.3	3.9	3.5	4.5	4.2	3.9	3.6	3.2



Security Group 5 PPC Prepayment Assumption Rates															
Distribution Date	Class CI* 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class CI* 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class CI* 0.52400% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	93	89	85	110	98	94	91	87	111	98	95	91	87
September 2019	113	92	85	79	73	118	96	89	83	77	120	97	90	84	78
September 2020	118	86	77	69	61	126	92	82	74	65	131	95	85	76	68
September 2021	122	79	68	58	49	135	87	75	64	54	96	61	52	44	38
September 2022	128	73	59	48	39	96	54	44	35	28	102	57	46	37	30
September 2023	132	65	50	39	29	100	49	37	29	22	109	53	41	31	23
September 2024	90	37	27	19	14	106	44	32	23	16	3	1	1	1	0
September 2025	94	33	22	15	10	66	24	17	12	8	0	0	0	0	0
September 2026	97	28	18	11	7	0	0	0	0	0	0	0	0	0	0
September 2027	100	24	14	8	4	0	0	0	0	0	0	0	0	0	0
September 2028	60	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.8	7.8	6.7	5.9	5.2	8.0	6.9	6.2	5.6	5.0	6.8	6.3	5.7	5.2	4.8

PPC Prepayment Assumption Rates															
Distribution Date	Class CI* 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class CI* 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class CI* 3.68700% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	93	89	85	110	98	94	91	87	111	98	95	91	87
September 2019	113	92	85	79	73	118	96	89	83	77	120	97	90	84	78
September 2020	118	86	77	69	61	126	92	82	74	65	131	95	85	76	68
September 2021	122	79	68	58	49	135	87	75	64	54	96	61	52	44	38
September 2022	128	73	59	48	39	96	54	44	35	28	102	57	46	37	30
September 2023	132	65	50	39	29	100	49	37	29	22	109	53	41	31	23
September 2024	90	37	27	19	14	106	44	32	23	16	3	1	1	1	0
September 2025	94	33	22	15	10	66	24	17	12	8	0	0	0	0	0
September 2026	97	28	18	11	7	0	0	0	0	0	0	0	0	0	0
September 2027	100	24	14	8	4	0	0	0	0	0	0	0	0	0	0
September 2028	60	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.8	7.8	6.7	5.9	5.2	8.0	6.9	6.2	5.6	5.0	6.8	6.3	5.7	5.2	4.8

PPC Prepayment Assumption Rates															
Distribution Date	Class CI* 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class CI* 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class CI* 6.85000% One-Month LIBOR 6.52600% 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
September 2017	104	100	98	97	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	93	89	85	110	98	94	91	87	111	98	95	91	87
September 2019	113	92	85	79	73	118	96	89	83	77	120	97	90	84	78
September 2020	118	86	77	69	61	126	92	82	74	65	131	95	85	76	68
September 2021	122	79	68	58	49	135	87	75	64	54	96	61	52	44	38
September 2022	128	73	59	48	39	96	54	44	35	28	102	57	46	37	30
September 2023	132	65	50	39	29	100	49	37	29	22	109	53	41	31	23
September 2024	90	37	27	19	14	106	44	32	23	16	3	1	1	1	0
September 2025	94	33	22	15	10	66	24	17	12	8	0	0	0	0	0
September 2026	97	28	18	11	7	0	0	0	0	0	0	0	0	0	0
September 2027	100	24	14	8	4	0	0	0	0	0	0	0	0	0	0
September 2028	60	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.8	7.8	6.7	5.9	5.2	8.0	6.9	6.2	5.6	5.0	6.8	6.3	5.7	5.2	4.8

\* The decrement tables for Class CI reflect only the Class CI 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 CI Notional Balance at the Class CI Interest Rate, Class CI is entitled to the Class CI Deferred Interest Amount. No representation is made about the timing of distributions of the Class CI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class CI.

**Security Group 5  
PPC Prepayment Assumption Rates**

Distribution Date	Class FC 0.52400% One-Month LIBOR 1.55400% One-Year LIBOR					Class FC 0.52400% One-Month LIBOR 4.04000% One-Year LIBOR					Class FC 0.52400% One-Month LIBOR 6.52600% 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
September 2017	101	99	98	97	95	101	100	98	97	95	101	100	98	97	95
September 2018	103	96	93	89	85	103	98	94	91	87	103	98	95	91	87
September 2019	104	92	85	79	73	104	96	89	83	77	104	97	90	84	78
September 2020	105	86	77	69	61	105	92	82	74	65	105	95	85	76	68
September 2021	107	79	68	58	49	107	87	75	64	54	72	61	52	44	38
September 2022	108	72	59	48	39	73	54	44	35	28	72	57	46	37	30
September 2023	109	65	50	39	29	73	49	37	29	22	72	53	41	31	23
September 2024	73	37	27	19	14	73	44	32	23	16	2	1	1	1	0
September 2025	74	33	22	15	10	44	24	17	12	8	0	0	0	0	0
September 2026	74	28	18	11	7	0	0	0	0	0	0	0	0	0	0
September 2027	75	24	14	8	4	0	0	0	0	0	0	0	0	0	0
September 2028	44	12	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.7	7.8	6.7	5.9	5.2	7.9	6.9	6.2	5.6	5.0	6.7	6.3	5.7	5.2	4.8

**PPC Prepayment Assumption Rates**

Distribution Date	Class FC 3.68700% One-Month LIBOR 1.55400% One-Year LIBOR					Class FC 3.68700% One-Month LIBOR 4.04000% One-Year LIBOR					Class FC 3.68700% One-Month LIBOR 6.52600% 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
September 2017	104	99	98	97	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	93	89	85	109	98	94	91	87	109	98	95	91	87
September 2019	113	92	85	79	73	113	96	89	83	77	113	97	90	84	78
September 2020	117	86	77	69	61	119	92	82	74	65	119	95	85	76	68
September 2021	122	79	68	58	49	124	87	75	64	54	84	61	52	44	38
September 2022	127	72	59	48	39	87	54	44	35	28	85	57	46	37	30
September 2023	132	65	50	39	29	89	49	37	29	22	88	53	41	31	23
September 2024	90	37	27	19	14	92	44	32	23	16	2	1	1	1	0
September 2025	94	33	22	15	10	57	24	17	12	8	0	0	0	0	0
September 2026	97	28	18	11	7	0	0	0	0	0	0	0	0	0	0
September 2027	100	24	14	8	4	0	0	0	0	0	0	0	0	0	0
September 2028	60	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.8	7.8	6.7	5.9	5.2	7.9	6.9	6.2	5.6	5.0	6.8	6.3	5.7	5.2	4.8

**PPC Prepayment Assumption Rates**

Distribution Date	Class FC 6.85000% One-Month LIBOR 1.55400% One-Year LIBOR					Class FC 6.85000% One-Month LIBOR 4.04000% One-Year LIBOR					Class FC 6.85000% One-Month LIBOR 6.52600% 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
September 2017	104	99	98	97	95	104	100	98	97	95	104	100	98	97	95
September 2018	108	96	93	89	85	110	98	94	91	87	110	98	95	91	87
September 2019	113	92	85	79	73	118	96	89	83	77	119	97	90	84	78
September 2020	117	86	77	69	61	126	92	82	74	65	128	95	85	76	68
September 2021	122	79	68	58	49	134	87	75	64	54	93	61	52	44	38
September 2022	127	72	59	48	39	96	54	44	35	28	98	57	46	37	30
September 2023	132	65	50	39	29	100	49	37	29	22	104	53	41	31	23
September 2024	90	37	27	19	14	106	44	32	23	16	2	1	1	1	0
September 2025	94	33	22	15	10	66	24	17	12	8	0	0	0	0	0
September 2026	97	28	18	11	7	0	0	0	0	0	0	0	0	0	0
September 2027	100	24	14	8	4	0	0	0	0	0	0	0	0	0	0
September 2028	60	13	7	4	2	0	0	0	0	0	0	0	0	0	0
September 2029 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.8	7.8	6.7	5.9	5.2	8.0	6.9	6.2	5.6	5.0	6.8	6.3	5.7	5.2	4.8

**Security Group 6  
PPC Prepayment Assumption Rates**

Distribution Date	Class KA					Class KI*				
	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100
September 2017	102	100	99	98	97	105	101	100	98	97
September 2018	104	98	95	91	88	110	99	95	92	88
September 2019	106	94	88	82	77	115	95	88	82	77
September 2020	108	89	80	72	64	120	89	80	72	64
September 2021	111	83	71	61	53	126	83	72	62	53
September 2022	113	76	63	51	42	131	76	63	51	42
September 2023	115	69	54	42	32	138	69	54	42	32
September 2024	117	62	46	33	24	144	62	46	33	24
September 2025	68	31	22	15	10	85	31	22	15	10
September 2026	10	4	2	2	1	12	4	2	2	1
September 2027 and thereafter	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	9.1	7.5	6.7	6.0	5.4	9.1	7.5	6.7	6.0	5.4

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

**Security Group 7  
PPC Prepayment Assumption Rates**

Distribution Date	Class FG 0.52400% One-Month LIBOR 0.60000% One-Year CMT					Class FG 0.52400% One-Month LIBOR 7.89000% One-Year CMT					Class FG 0.52400% One-Month LIBOR 15.18000% One-Year CMT				
	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
September 2017	101	85	80	74	69	101	91	85	80	74	101	96	89	83	77
September 2018	102	72	63	54	46	100	79	69	59	50	7	5	5	4	3
September 2019	103	59	48	38	29	6	4	3	3	2	2	1	1	1	1
September 2020	104	48	36	26	18	0	0	0	0	0	0	0	0	0	0
September 2021	103	38	26	17	11	0	0	0	0	0	0	0	0	0	0
September 2022	103	30	19	11	6	0	0	0	0	0	0	0	0	0	0
September 2023	34	7	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2024	30	5	3	1	0	0	0	0	0	0	0	0	0	0	0
September 2025	27	3	1	1	0	0	0	0	0	0	0	0	0	0	0
September 2026	24	2	1	0	0	0	0	0	0	0	0	0	0	0	0
September 2027	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2028 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.9	4.1	3.3	2.8	2.3	2.4	2.1	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3

**PPC Prepayment Assumption Rates**

Distribution Date	Class FG 5.91200% One-Month LIBOR 0.60000% One-Year CMT					Class FG 5.91200% One-Month LIBOR 7.89000% One-Year CMT					Class FG 5.91200% One-Month LIBOR 15.18000% One-Year CMT				
	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
September 2017	102	85	80	74	69	106	91	85	80	74	106	96	89	83	77
September 2018	104	72	63	54	46	109	79	69	59	50	7	5	5	4	3
September 2019	104	59	48	38	29	7	4	3	3	2	2	1	1	1	1
September 2020	106	48	36	26	18	0	0	0	0	0	0	0	0	0	0
September 2021	105	38	26	17	11	0	0	0	0	0	0	0	0	0	0
September 2022	106	30	19	11	6	0	0	0	0	0	0	0	0	0	0
September 2023	35	7	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2024	31	5	3	1	0	0	0	0	0	0	0	0	0	0	0
September 2025	28	3	1	1	0	0	0	0	0	0	0	0	0	0	0
September 2026	25	2	1	0	0	0	0	0	0	0	0	0	0	0	0
September 2027	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2028 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.9	4.1	3.3	2.8	2.3	2.4	2.1	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3

Security Group 7 PPC Prepayment Assumption Rates															
Distribution Date	Class FG 11.30000% One-Month LIBOR 0.60000% One-Year CMT					Class FG 11.30000% One-Month LIBOR 7.89000% One-Year CMT					Class FG 11.30000% One-Month LIBOR 15.18000% One-Year CMT				
	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
September 2017	102	85	80	74	69	109	91	85	80	74	111	96	89	83	77
September 2018	104	72	63	54	46	113	79	69	59	50	7	5	5	4	3
September 2019	104	59	48	38	29	7	4	3	3	2	2	1	1	1	1
September 2020	106	48	36	26	18	0	0	0	0	0	0	0	0	0	0
September 2021	105	38	26	17	11	0	0	0	0	0	0	0	0	0	0
September 2022	106	30	19	11	6	0	0	0	0	0	0	0	0	0	0
September 2023	35	7	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2024	31	5	3	1	0	0	0	0	0	0	0	0	0	0	0
September 2025	28	3	1	1	0	0	0	0	0	0	0	0	0	0	0
September 2026	25	2	1	0	0	0	0	0	0	0	0	0	0	0	0
September 2027	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2028 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.9	4.1	3.3	2.8	2.3	2.4	2.1	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3

PPC Prepayment Assumption Rates															
Distribution Date	Class GI* 0.52400% One-Month LIBOR 0.60000% One-Year CMT					Class GI* 0.52400% One-Month LIBOR 7.89000% One-Year CMT					Class GI* 0.52400% One-Month LIBOR 15.18000% One-Year CMT				
	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
September 2017	102	85	80	74	69	109	91	85	80	74	114	96	89	83	77
September 2018	104	72	63	54	46	113	79	69	59	50	8	5	5	4	3
September 2019	104	59	48	38	29	7	4	3	3	2	2	1	1	1	1
September 2020	106	48	36	26	18	0	0	0	0	0	0	0	0	0	0
September 2021	105	38	26	17	11	0	0	0	0	0	0	0	0	0	0
September 2022	106	30	19	11	6	0	0	0	0	0	0	0	0	0	0
September 2023	35	7	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2024	31	5	3	1	0	0	0	0	0	0	0	0	0	0	0
September 2025	28	3	1	1	0	0	0	0	0	0	0	0	0	0	0
September 2026	25	2	1	0	0	0	0	0	0	0	0	0	0	0	0
September 2027	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2028 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.9	4.1	3.3	2.8	2.3	2.4	2.1	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3

PPC Prepayment Assumption Rates															
Distribution Date	Class GI* 5.91200% One-Month LIBOR 0.60000% One-Year CMT					Class GI* 5.91200% One-Month LIBOR 7.89000% One-Year CMT					Class GI* 5.91200% One-Month LIBOR 15.18000% One-Year CMT				
	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
September 2017	102	85	80	74	69	109	91	85	80	74	114	96	89	83	77
September 2018	104	72	63	54	46	113	79	69	59	50	8	5	5	4	3
September 2019	104	59	48	38	29	7	4	3	3	2	2	1	1	1	1
September 2020	106	48	36	26	18	0	0	0	0	0	0	0	0	0	0
September 2021	105	38	26	17	11	0	0	0	0	0	0	0	0	0	0
September 2022	106	30	19	11	6	0	0	0	0	0	0	0	0	0	0
September 2023	35	7	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2024	31	5	3	1	0	0	0	0	0	0	0	0	0	0	0
September 2025	28	3	1	1	0	0	0	0	0	0	0	0	0	0	0
September 2026	25	2	1	0	0	0	0	0	0	0	0	0	0	0	0
September 2027	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2028 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.9	4.1	3.3	2.8	2.3	2.4	2.1	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3

\* The decrement tables for Class GI reflect only the Class GI Notional Balance at various rates of PPC and at various levels of One-Month LIBOR and One-Year CMT. 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 GI* 11.30000% One-Month LIBOR 0.60000% One-Year CMT					Class GI* 11.30000% One-Month LIBOR 7.89000% One-Year CMT					Class GI* 11.30000% One-Month LIBOR 15.18000% One-Year CMT				
	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
September 2017	102	85	80	74	69	109	91	85	80	74	114	96	89	83	77
September 2018	104	72	63	54	46	113	79	69	59	50	8	5	5	4	3
September 2019	104	59	48	38	29	7	4	3	3	2	2	1	1	1	1
September 2020	106	48	36	26	18	0	0	0	0	0	0	0	0	0	0
September 2021	105	38	26	17	11	0	0	0	0	0	0	0	0	0	0
September 2022	106	30	19	11	6	0	0	0	0	0	0	0	0	0	0
September 2023	35	7	4	2	1	0	0	0	0	0	0	0	0	0	0
September 2024	31	5	3	1	0	0	0	0	0	0	0	0	0	0	0
September 2025	28	3	1	1	0	0	0	0	0	0	0	0	0	0	0
September 2026	25	2	1	0	0	0	0	0	0	0	0	0	0	0	0
September 2027	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September 2028 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	7.9	4.1	3.3	2.8	2.3	2.4	2.1	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3

\* The decrement tables for Class GI reflect only the Class GI Notional Balance at various rates of PPC and at various levels of One-Month LIBOR and One-Year CMT. 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.

## Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Regular or MX 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 through 5 and 7 Securities, the investor's own projection of One-Month LIBOR under a variety of scenarios, in the case of the Group 7 Securities, the investor's own projection of One-Year CMT under a variety of scenarios and, in the case of the Group 1, 2 and 5 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, One-Year CMT 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 or MX Securities purchased at a premium (especially the Interest Only Classes), faster than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
- Investors in the Interest Only Classes should also consider the risk that rapid rates of principal payments could result in the failure of investors to recover fully their investments.
- In the case of Regular or MX Securities purchased at a discount, slower than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.

*See “Risk Factors — Rates of principal payments can reduce your yield” in this Supplement.*

Rapid rates of prepayments on the 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: Effect on Yields of the Floating Rate Classes*

Low levels of One-Month LIBOR 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 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 Classes BI and MI, at various constant levels of One-Month LIBOR, in the case of Classes AI, CI and NI, at various constant levels of One-Month LIBOR and One-Year LIBOR, and in the case of Class GI, at various constant levels of One-Month LIBOR and One-Year CMT.

The HECMs will not prepay or draw at any constant rate until maturity, and it is unlikely that One-Month LIBOR, One-Year LIBOR or One-Year CMT 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 each Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of One-Month LIBOR, (2) the HECM MBS Rates applicable to the Group 4 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, (3) the HECM MBS Rates applicable to the Group 1, 2 and 5 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, (4) the HECM MBS Rates applicable to the Group 7 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 CMT 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 14.25%\***

**1.55400% 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>
0.52400% .....	11.8%	8.5%	5.0%	1.5%
3.68700% .....	(40.3)%	(50.7)%	**	**
6.85000% .....	(40.3)%	(50.7)%	**	**

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

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

## SECURITY GROUP 1

### Sensitivity of Class AI to Prepayments

Assumed Price 14.25%\*

4.04000% One-Year LIBOR

One-Month LIBOR	PPC Prepayment Assumption Rates			
	75%	100%	125%	150%
0.52400% .....	28.4%	25.4%	22.2%	19.0%
3.68700% .....	1.0%	(2.3)%	(5.7)%	(9.1)%
6.85000% .....	(48.1)%	(59.4)%	**	**

### Sensitivity of Class AI to Prepayments

Assumed Price 14.25%\*

6.52600% One-Year LIBOR

One-Month LIBOR	PPC Prepayment Assumption Rates			
	75%	100%	125%	150%
0.52400% .....	35.7%	32.8%	29.7%	26.4%
3.68700% .....	12.5%	9.3%	6.1%	2.8%
6.85000% .....	(15.9)%	(19.2)%	(22.5)%	(25.7)%

## SECURITY GROUP 2

### Sensitivity of Class NI to Prepayments

Assumed Price 14.5%\*

1.55400% One-Year LIBOR

One-Month LIBOR	PPC Prepayment Assumption Rates			
	75%	100%	125%	150%
0.52400% .....	11.1%	7.9%	4.6%	1.3%
3.68700% .....	(42.2)%	(48.6)%	(59.1)%	**
6.85000% .....	(42.2)%	(48.6)%	(59.1)%	**

### Sensitivity of Class NI to Prepayments

Assumed Price 14.5%\*

4.04000% One-Year LIBOR

One-Month LIBOR	PPC Prepayment Assumption Rates			
	75%	100%	125%	150%
0.52400% .....	26.9%	24.2%	21.3%	18.2%
3.68700% .....	(0.9)%	(4.0)%	(7.1)%	(10.3)%
6.85000% .....	(50.8)%	(57.4)%	(68.9)%	**

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

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

## SECURITY GROUP 2

### Sensitivity of Class NI to Prepayments

Assumed Price 14.5%\*

6.52600% 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>
0.52400% .....	33.8%	31.2%	28.4%	25.3%
3.68700% .....	10.5%	7.5%	4.5%	1.4%
6.85000% .....	(17.0)%	(20.0)%	(23.0)%	(26.1)%

## SECURITY GROUP 3

### Sensitivity of Class MI to Prepayments

Assumed Price 4.5%\*

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
0.15000% .....	31.5%	26.7%	21.7%	16.6%
0.52400% .....	18.0%	13.5%	8.8%	4.0%
1.77300% .....	(28.1)%	(31.7)%	(35.4)%	(39.3)%
3.02200% .....	(79.5)%	(82.1)%	(84.7)%	(87.4)%
4.27100% .....	**	**	**	**

## SECURITY GROUP 4

### Sensitivity of Class BI to Prepayments

Assumed Price 6.75%\*

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
0.52400% .....	10.5%	5.6%	0.6%	(4.5)%
1.52400% .....	10.6%	5.7%	0.8%	(4.1)%
4.51833% .....	8.9%	4.4%	(0.1)%	(4.7)%
7.51267% .....	5.3%	1.1%	(3.1)%	(7.5)%
10.50700% .....	(2.9)%	(7.4)%	(11.3)%	(15.2)%

## SECURITY GROUP 5

### Sensitivity of Class CI to Prepayments

Assumed Price 12.125%\*

1.55400% 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>
0.52400% .....	14.7%	11.7%	8.5%	5.2%
3.68700% .....	(44.7)%	(53.8)%	**	**
6.85000% .....	(44.7)%	(53.8)%	**	**

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

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

## SECURITY GROUP 5

### Sensitivity of Class CI to Prepayments

Assumed Price 12.125%\*  
4.04000% 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>
0.52400% .....	31.9%	29.2%	26.2%	23.2%
3.68700% .....	(0.1)%	(3.2)%	(6.3)%	(9.4)%
6.85000% .....	(54.2)%	(64.2)%	**	**

### Sensitivity of Class CI to Prepayments

Assumed Price 12.125%\*  
6.52600% 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>
0.52400% .....	38.7%	36.1%	33.2%	30.1%
3.68700% .....	11.7%	8.7%	5.7%	2.6%
6.85000% .....	(19.1)%	(22.1)%	(25.1)%	(28.0)%

## SECURITY GROUP 6

### Sensitivity of Class KI to Prepayments

Assumed Price 16.0%\*

<u>PPC Prepayment Assumption Rates</u>			
<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
4.6%	1.8%	(1.2)%	(4.3)%

## SECURITY GROUP 7

### Sensitivity of Class GI to Prepayments

Assumed Price 2.9375%\*  
0.60000% One-Year CMT

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
0.52400% .....	(8.4)%	(15.5)%	(22.9)%	(30.6)%
5.91200% .....	**	**	**	**
11.30000% .....	**	**	**	**

\* 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.

## SECURITY GROUP 7

### Sensitivity of Class GI to Prepayments

**Assumed Price 2.9375%\***

**7.89000% One-Year CMT**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
0.52400% .....	355.5%	339.4%	322.7%	305.3%
5.91200% .....	50.6%	42.7%	34.6%	26.2%
11.30000% .....	**	**	**	**

### Sensitivity of Class GI to Prepayments

**Assumed Price 2.9375%\***

**15.18000% One-Year CMT**

<u>One-Month LIBOR</u>	<u>PPC Prepayment Assumption Rates</u>			
	<u>75%</u>	<u>100%</u>	<u>125%</u>	<u>150%</u>
0.52400% .....	773.8%	747.0%	719.1%	690.2%
5.91200% .....	341.3%	325.7%	309.6%	292.8%
11.30000% .....	16.4%	9.7%	2.8%	(4.4)%

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

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

## 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 for United States federal income tax purposes. Separate REMIC elections will be made for the Pooling REMIC and the Issuing REMIC.

### Regular Securities

The Regular Securities will be treated as debt instruments issued by the Issuing REMIC for 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, One-Year LIBOR or One-Year CMT 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.

### **Residual Securities**

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Pooling REMIC and the beneficial ownership of the Residual Interest in the Issuing REMIC. The Residual Securities, *i.e.*, the Class RR Securities, generally will be treated as “residual interests” in a REMIC for domestic building and loan associations and as “real estate assets” for REITs, as described in “*Certain 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 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 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.

### **Tax Audit Procedures**

The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a Trust REMIC’s tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC, appoints one person to act as its sole representative in connection with IRS audits and related procedures. In the case of a REMIC, the representative’s actions, including the representative’s agreeing to adjustments to taxable income, will bind Residual Holders to a greater degree than would actions of the tax matters person (“TMP”) under current rules. See “*Certain United States Federal Income Tax Consequences — Reporting and Tax Administration*” in the Base Offering Circular for a



discussion of the TMP. Further, an adjustment to the REMIC's taxable income following an IRS audit may have to be taken into account by those holders in the year in which the adjustment is made rather than in the year to which the adjustment relates and otherwise may have to be taken into account in different and potentially less advantageous ways than under current rules. In some cases, a REMIC could itself be liable for taxes on income adjustments, although it is anticipated that each Trust REMIC will seek to follow procedures in the new rules to avoid entity-level liability to the extent it otherwise may be imposed. The new rules are complex and likely will be clarified and possibly revised before going into effect. Residual Holders should discuss with their own tax advisors the possible effect of the new rules on them.

## **MX Securities**

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

## **Foreign Account Tax Compliance Act**

As discussed in the Base Offering Circular under "*Certain United States Federal Income Tax Consequences — Taxation of Foreign Holders of REMIC Securities and MX Securities — Regular Securities and MX Securities*," FATCA and related administrative guidance impose a 30% United States withholding tax on certain payments, which include interest payments in respect of Regular and MX Securities and gross proceeds, including the return of principal, from the sale or other disposition, including redemptions, of Regular and MX Securities. The effective date of the withholding tax on certain payments, which include interest payments, was July 1, 2014, and the effective date of the withholding tax on gross proceeds, including the return of principal, from the sale or other disposition, including redemptions, has been extended to January 1, 2019.

**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 and MX Securities will qualify as "guaranteed governmental mortgage pool certificates" within the meaning of a Department of Labor regulation, the effect of which is to provide that mortgage loans and participations therein underlying a "guaranteed governmental mortgage pool certificate" will not be considered assets of an employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), or subject to section 4975 of the Code (each, a "Plan"), solely by reason of the Plan's purchase and holding of that certificate.

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

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

*See “ERISA Considerations” in the Base Offering Circular.*

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

### **LEGAL INVESTMENT CONSIDERATIONS**

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

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

*See “Legal Investment Considerations” in the Base Offering Circular.*

### **PLAN OF DISTRIBUTION**

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer the Regular and MX 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) September 1, 2016 on the Fixed Rate and Delay Classes and (2) September 20, 2016 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 & Williams LLP, for the Trust by Cleary Gottlieb Steen & Hamilton LLP and Marcell Solomon & Associates, P.C., and for the Trustee by Nixon Peabody LLP.

## Available Combinations(1)

Class	REMIC Securities		MX Securities					
	Original Class Principal or Notional Balance	Related MX Class	Maximum Original Class Principal Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
<b>Security Group 1</b>								
Combination 1								
AI	\$122,030,298	PT	\$122,030,298(6)	HPT	(5)	HWAC/HZ/DLY	38376RYV2	September 2066
FA	122,030,298							
<b>Security Group 3</b>								
Combination 2								
FM	\$ 74,354,933	MA	\$ 74,354,933(7)	HPT	(5)	HWAC/HZ/DLY	38376RYW0	December 2062
MI	74,354,933							

(1) All exchanges must comply with minimum denomination restrictions.

(2) The amount shown for each MX Class represents the maximum Original Class Principal Balance of that Class, assuming it were to be issued on the Closing Date.

(3) As defined under “Class Types” in Appendix I to the Base Offering Circular.

(4) See “Yield, Maturity and Prepayment Considerations — Final Distribution Date” in this Supplement.

(5) The Interest Rate will be calculated as described under “Terms Sheet — Interest Rates” in this Supplement.

(6) The Class Principal Balance of Class PT will increase or decrease, as applicable, with 100% of the sum of (a) the Class FA Principal Balance and (b) the Class AI Deferred Interest Amount.

(7) The Class Principal Balance of Class MA will increase or decrease, as applicable, with 100% of the sum of (a) the Class FM Principal Balance and (b) the Class MI Deferred Interest Amount.

Assumed Characteristics of the HECMs and the Participations Underlying the Trust Assets(1)

Group	Payment Plan	Percentage of Pool in Trust	HECM MBS Principal(2)	HECM Loan Balance	Approximate HECM Age (in months)(3)	HECM Type	Index	Rate Reset Frequency(4)	Approximate Weighted Average Next Rate Reset Month(5)	Approximate Weighted Average Gross Interest Rate(6)	Approximate Weighted Average Gross Lifeline Interest Rate(7)	Approximate Weighted Average Gross Floor(8)	Approximate Weighted Average Servicing Fee(9)	Approximate Weighted Average MIP(10)	Monthly Servicing Fee(11)	Initial Monthly Draw(12)	Subsequent Monthly Scheduled Pmt(13)	Remaining Term (in months) (15)	Initial Available Line of Credit(16)	Available Line of Credit(17)	Maximum Claim Amount(18)	Pool Number	HECM MBS Issue Date		
1	Line of Credit	82.94(223175%)	\$ 12,715,436.67	\$ 12,781,060.95	3	ELT	1-year LIBOR	Annually	11	4.195%	2.901%	2.901%	9.059%	0.360%	(2)	1	140.310	\$ 1,403.10	(2)	\$181,265.92	\$ 7,457,102.42	\$347,095,910	405784	August 2016	
1	Modified Tenure	82.94(223175%)	80,654.68	82,171.95	3	ELT	1-year LIBOR	Annually	12	4.259%	3.000%	3.000%	9.259%	0.360%	(2)	1	1,403.10	\$ 1,403.10	(2)	(23)	0.00	0.00	57,432,500.00	405784	August 2016
1	Modified Tenure	82.94(223175%)	25,801.63	26,591.34	2	ELT	1-year LIBOR	Annually	12	4.195%	2.889%	2.889%	9.127%	0.360%	(2)	1	697.25	6,972.25	178	179,170.78	297,761.83	1,430,000.00	405784	August 2016	
1	Tenure	82.94(223175%)	180,935.81	184,057.87	3	ELT	1-year LIBOR	Annually	11	4.479%	3.231%	3.231%	9.439%	0.360%	(2)	1	2,999.86	2,999.86	(20)	0.00	0.00	789,000.00	405784	August 2016	
1	Line of Credit	82.94(223175%)	9,609,722.40	9,617,852,055.65	16	ELT	1-year LIBOR	Annually	8	3.610%	2.529%	2.529%	8.259%	0.360%	(2)	1	1,799.32	1,799.32	(10)	257,098,773.33	1,403,122,660.00	1,403,122,660.00	40602	August 2016	
1	Line of Credit	100%	9,609,722.40	9,617,852,055.65	16	ELT	1-year LIBOR	Annually	8	3.460%	2.399%	2.399%	8.139%	0.360%	(2)	1	1,361.98	1,361.98	(10)	257,098,773.33	1,403,122,660.00	1,403,122,660.00	40602	August 2016	
1	Modified Tenure	100%	49,751.12	20,080,960.45	17	ELT	1-year LIBOR	Annually	6	3.539%	2.517%	2.517%	8.249%	0.360%	(2)	1	347.15	347.15	(7)	0.00	0.00	31,957,500.00	40602	August 2016	
1	Tenure	100%	112,166.73	6,862,038.65	16	ELT	1-year LIBOR	Annually	7	3.499%	2.472%	2.472%	8.159%	0.360%	(2)	1	100,266.32	100,266.32	(2)	0.00	0.00	31,957,500.00	40602	August 2016	
1	Line of Credit	100%	2,113,137.8	4,953,514.27	10	ELT	1-year LIBOR	Annually	6	3.499%	2.429%	2.429%	8.159%	0.360%	(2)	1	84,597.32	84,597.32	(2)	0.00	0.00	31,957,500.00	40602	August 2016	
1	Modified Tenure	100%	2,113,137.8	4,953,514.27	10	ELT	1-year LIBOR	Annually	6	3.499%	2.429%	2.429%	8.159%	0.360%	(2)	1	84,597.32	84,597.32	(2)	0.00	0.00	31,957,500.00	40602	August 2016	
1	Line of Credit	100%	2,113,137.8	4,953,514.27	10	ELT	1-year LIBOR	Annually	6	3.499%	2.429%	2.429%	8.159%	0.360%	(2)	1	84,597.32	84,597.32	(2)	0.00	0.00	31,957,500.00	40602	August 2016	
1	Modified Tenure	100%	321,850.16	8,781,933.35	6	ELT	1-year LIBOR	Annually	8	3.697%	2.682%	2.682%	8.869%	0.360%	(2)	1	76,553.00	76,553.00	(7)	3,887,822.23	6,344,776.78	44,033,000.00	40603	August 2016	
1	Tenure	100%	28,423.20	2,499,232.20	6	ELT	1-year LIBOR	Annually	8	3.398%	2.724%	2.724%	8.898%	0.360%	(2)	1	207,781.78	207,781.78	(7)	0.00	0.00	14,257,000.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
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1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
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1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Modified Tenure	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,786.04	2,786.04	(13)	0.00	0.00	57,432,500.00	40603	August 2016	
1	Line of Credit	100%	10,041,312.61	1,029,219.49	12	ELT	1-year LIBOR	Annually	8	3.862%	2.626%	2.626%	8.862%	0.360%	(2)	1	2,								

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Group	Payment Plan	Percentage of Pool in Trust	HECM MBS Principal Balance(2)	HECM Loan Balance	Approximate Weighted HECM Age (in months)(3)	HECM Type	Index	Rate Reset Frequency(4)	Approximate Weighted Average Rate Reset Month(5)	Approximate Weighted Average Interest Rate	Approximate Weighted Average Gross Margin(7)	Approximate Weighted Average Interest Rate Cap(9)	Approximate Weighted Average MIP Fee(10)	Approximate Weighted Servicing Fee Margin(11)	Monthly Servicing Fee(12)	Initial Monthly Scheduled Draw(13)	Subsequent Monthly Scheduled Permt(14)	Average Remaining Term (in months)(15)	Initial Line of Credit(16)	Available Line of Credit(17)	Maximum Claim Amount(18)	Pool Number	HECM MBS Issue Date		
7	Term	100%	\$ 430,023.5	\$ 894,582.4	100	ELT	1-year CMT	Monthly	1	1.970%	1.445%	13.912%	0.500%	0.500%	\$ 185.00	\$ 0.00	\$ 4,320.11	43	0	\$ 0.00	\$ 1,269,000.00	A03612	July 2015		
7	Line of Credit	100%	655,277.05	77,250,093.75	118	ELT	1-year CMT	Monthly	1	2.050%	1.500%	16.070%	0.500%	0.500%	13,880.00	19	109	19	(23)	0	6,346,725.24	9,577,443.00	AS8993	June 2016	
7	Modified/Term	100%	221,765.95	10,809,120.62	118	ELT	1-year CMT	Monthly	1	2.050%	1.500%	16.452%	0.500%	0.500%	1,700.00	00	31,691.12	(20)	(23)	0	1,319,860.84	10,809,120.00	AS8999	June 2016	
7	Modified/Term	100%	272,763.42	9,884,585.35	117	ELT	1-year CMT	Monthly	1	2.050%	1.500%	16.452%	0.500%	0.500%	1,700.00	00	24,573.17	(20)	(23)	0	210,053.51	12,238,060.00	AS8999	June 2016	
7	Term	100%	134,319.58	2,940,667.56	118	ELT	1-year CMT	Monthly	1	2.050%	1.500%	16.482%	0.500%	0.500%	565.00	00	16,662.61	(20)	(23)	0	0.00	4,572,265.00	AS8999	June 2016	
7	Line of Credit	100%	18,229.51	971,671.56	117	ELT	1-year CMT	Monthly	1	2.050%	1.500%	16.482%	0.500%	0.500%	175.00	00	2,281.35	(20)	(23)	0	0.00	17,764,800.00	AS8999	June 2016	
7	Modified/Term	100%	1,082,655.00	26,400,000.00	118	ELT	1-year CMT	Monthly	1	1.825%	1.275%	6.615%	0.500%	0.500%	51,250.00	00	20,510.00	(20)	(23)	0	18,340,000.00	26,400,000.00	AS8999	November 2015	
7	Modified/Term	100%	85,211.71	5,341,770.50	108	ELT	1-year CMT	Monthly	1	1.825%	1.275%	6.615%	0.500%	0.500%	11,250.00	00	20,510.00	(20)	(23)	0	1,451,220.91	8,950,025.00	AQ2103	November 2015	
7	Modified/Term	100%	108,553.69	12,176,765.13	108	ELT	1-year CMT	Monthly	1	1.780%	1.232%	6.572%	0.500%	0.500%	21,550.00	00	40,465.00	(20)	(23)	0	673,064.29	16,220,660.00	AQ2103	November 2015	
7	Term	100%	67,966.29	6,026,591.49	109	ELT	1-year CMT	Monthly	1	1.850%	1.255%	6.599%	0.500%	0.500%	1,410.00	00	29,055.00	(20)	(23)	0	0.00	9,669,480.00	AQ2103	November 2015	
7	Line of Credit	100%	7,925.85	998,256.11	108	ELT	1-year CMT	Monthly	1	1.990%	1.446%	6.780%	0.500%	0.500%	29.00	00	3,312.00	(20)	(23)	0	17,746,093.41	38,895,007.00	AS8983	May 2016	
7	Modified/Term	100%	757,051.08	25,154,099.98	108	ELT	1-year CMT	Monthly	1	1.812%	1.282%	15.540%	0.500%	0.500%	52,250.00	19	29,345.00	(19)	(19)	(23)	0	1,750,000.00	25,154,099.98	AS8983	May 2016
7	Modified/Term	100%	1,228,855.73	11,980,076.00	100	ELT	1-year CMT	Monthly	1	1.770%	1.270%	15.780%	0.500%	0.500%	21,850.00	00	52,682.10	(20)	(23)	0	6,097,077.03	15,921,666.00	AS8983	May 2016	
7	Modified/Term	100%	67,899.74	6,026,591.49	109	ELT	1-year CMT	Monthly	1	1.800%	1.250%	6.599%	0.500%	0.500%	1,410.00	00	29,082.97	(20)	(23)	0	0.00	9,669,480.00	AS8983	May 2016	
7	Term	100%	7,918.50	998,256.11	108	ELT	1-year CMT	Monthly	1	1.995%	1.445%	6.780%	0.500%	0.500%	29.00	00	9,102.80	(20)	(23)	0	0.00	1,201,000.00	AS8983	May 2016	
7	Line of Credit	100%	42,867,920.68	42,895,981.10	104	ELT	1-year CMT	Monthly	1	2.185%	1.638%	14.428%	0.500%	0.500%	7,667.00	19	199	(19)	(23)	0	1,434,601.38	53,602,550.00	AS8959	August 2016	
7	Modified/Term	100%	921,425.02	9,222,294.75	115	ELT	1-year CMT	Monthly	1	1.978%	1.420%	15.507%	0.500%	0.500%	150.00	00	2,608.05	(20)	(23)	0	33,201.48	14,577,600.00	AS8959	August 2016	
7	Modified/Term	100%	1,228,855.73	11,980,076.00	100	ELT	1-year CMT	Monthly	1	1.770%	1.270%	15.780%	0.500%	0.500%	21,850.00	00	52,682.10	(20)	(23)	0	126,053.61	14,577,600.00	AS8959	August 2016	
7	Term	100%	200,084.10	7,904,616.15	105	ELT	1-year CMT	Monthly	1	2.070%	1.520%	14.165%	0.500%	0.500%	160.00	00	3,201.10	(20)	(23)	0	0.00	3,313,200.00	AS8959	August 2016	
7	Term	100%	414,680.09	415,012.81	100	ELT	1-year CMT	Monthly	1	2.048%	1.496%	1.699%	0.500%	0.500%	6.00	00	2,331.46	(20)	(23)	0	0.00	533,000.00	AS8959	August 2016	
7	Line of Credit	100%	852,187.94	25,179,203.79	108	ELT	1-year CMT	Monthly	1	1.779%	1.229%	15.503%	0.500%	0.500%	52,470.00	19	199	(19)	(23)	0	17,692,549.31	39,279,707.00	AL3884	July 2016	
7	Modified/Term	100%	49,414.57	5,216,211.12	108	ELT	1-year CMT	Monthly	1	1.814%	1.264%	15.507%	0.500%	0.500%	1,055.00	00	19,981.54	(20)	(23)	0	1,490,136.78	8,736,025.00	AL3884	July 2016	
7	Modified/Term	100%	100,518.83	11,783,286.42	108	ELT	1-year CMT	Monthly	1	1.750%	1.280%	15.507%	0.500%	0.500%	1,055.00	00	19,981.54	(20)	(23)	0	6,690,777.03	15,666,876.00	AL3884	July 2016	
7	Modified/Term	100%	67,966.29	6,026,591.49	109	ELT	1-year CMT	Monthly	1	1.850%	1.255%	6.599%	0.500%	0.500%	1,410.00	00	29,055.00	(20)	(23)	0	0.00	9,669,480.00	AL3884	July 2016	
7	Term	100%	7,903.82	998,256.11	108	ELT	1-year CMT	Monthly	1	1.995%	1.445%	6.780%	0.500%	0.500%	29.00	00	9,102.80	(20)	(23)	0	0.00	1,201,000.00	AL3884	July 2016	

- The information in this Exhibit A is provided by the Sponsor as of September 1, 2016. It is based on information regarding the HECM MBS, the related Participations and the HECMs related to the Participations underlying the Ginnie Mae HECM MBS Trust Assets. All weighted averages provided in this Exhibit A are weighted based on the outstanding principal amounts of the Participations underlying the related HECM MBS for such payment plan as of September 1, 2016. The information shown in this Exhibit A is for 100% of the relevant pool; however, the Trust Assets will include only the portion of each pool listed under the column heading "Percentage of Pool in Trust."
- The HECM MBS Principal Balance is the sum of the outstanding principal amounts of the Participations underlying the related HECM MBS for such payment plan as of September 1, 2016.
- The Approximate Weighted Average HECM Age (in months) is the weighted average age of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of September 1, 2016.
- The Rate Reset Frequency is a period, whether annually or monthly, that the interest rate of each adjustable rate HECM resets under the interest rate formula and HECM loan documents applicable to each adjustable rate HECM.
- 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 October 2016.
- 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 September 1, 2016.

- (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 September 1, 2016.
- (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 September 1, 2016.
- (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 September 1, 2016.
- (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 September 1, 2016. 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 September 1, 2016. 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 September 1, 2016.
- (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.

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



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