

OMNIBUS SUPPLEMENT TO DESIGNATED TRUST AGREEMENTS

THIS OMNIBUS SUPPLEMENT, dated as of May 27, 2020 (this "Supplement"), by Fannie Mae in its corporate capacity and as trustee with respect to each of the trusts specified below, amends and supplements each Designated Trust Agreement (as defined herein).

PRELIMINARY STATEMENT

Fannie Mae, in its corporate capacity and as trustee under each Designated Trust Agreement, desires to amend and supplement the terms of each Designated Trust Agreement on the terms and conditions set forth herein.

SECTION 1. Definitions. Whenever used in this Supplement, the following words and phrases will have the meanings specified below:

"Applicable Certificate Issuance" means:

(a) each issuance by Fannie Mae of REMIC or other multiclass certificates (other than those identified in clauses (b) and (c) below) with respect to which (i) the date of issuance occurred prior to July 2013 and (ii) one or more classes of certificates have an interest rate that is, or by its terms may in the future be, calculated with reference to a London interbank offered rate;

(b) each issuance by Fannie Mae of guaranteed stripped mortgage-backed securities with respect to which (i) the date of issuance occurred prior to November 2016 and (ii) one or more classes of certificates have an interest rate that is, or by its terms may in the future be, calculated with reference to a London interbank offered rate; and

(c) the REMIC certificates designated "Fannie Mae Multifamily REMIC Trust 2013-M10."

"ARRC Endorsed Terms" means the U.S. Federal Reserve Board's recommended terms for identifying alternative U.S. dollar reference rates for LIBOR-based floating rate securities, as such terms are set forth at Exhibit A hereto.

"Designated Trust Agreement" means each trust agreement (whether in the form of a standalone trust agreement or a master trust agreement as supplemented by an issue supplement relating to an Applicable Certificate Issuance) that governs any Applicable Certificate Issuance.

"LIBOR Class" means any certificate issued in connection with an Applicable Certificate Issuance for which the related interest rate is, or by its terms may in the future be, calculated with reference to a London interbank offered rate.

"Prospectus Supplement" means, for any Applicable Certificate Issuance, the offering document specified in the Designated Trust Agreement (including any issue supplement thereto, if applicable) related to such Applicable Certificate Issuance.

SECTION 2. Amendments. Effective as of the Effective Date (as defined below), each Designated Trust Agreement is hereby amended by adding the ARRC Endorsed Terms at the end of the section thereof that provides for the determination of interest rates for LIBOR Classes.

SECTION 3. Conditions Precedent. This Supplement will become effective on the date (the "Effective Date") of execution by Fannie Mae in its corporate capacity and as trustee.

SECTION 4. Ratification. Each Designated Trust Agreement, as amended and supplemented hereby, is hereby ratified, approved and confirmed in all respects.

SECTION 5. Reference to and Effect on the Designated Trust Agreements.

5.01 Upon the effectiveness of this Supplement, (i) each reference in a Designated Trust Agreement to "this Trust Agreement", "hereunder", "hereof", "herein" or words of like import will mean and be a reference to such Designated Trust Agreement as amended and supplemented hereby, and (ii) each reference to a Designated Trust Agreement in any document, instrument or agreement executed and/or delivered in connection therewith, will mean and be a reference to such Designated Trust Agreement as amended and supplemented hereby.

5.02 Except as specifically amended above, the terms and conditions of the Indenture and any other documents, instruments and agreements executed and/or delivered in connection therewith, will remain in full force and effect and are hereby ratified and confirmed.

5.03 The execution, delivery and effectiveness of this Supplement will not operate as a waiver of any right, power or remedy of any person under any Trust Agreement or any other document, instrument or agreement executed in connection therewith, nor constitute a waiver of any provision contained therein, in each case except as specifically set forth herein.

SECTION 6. Execution in Counterparts. This Supplement may be executed in any number of counterparts, each of which so executed will be deemed to be an original, but all such counterparts will together constitute but one and the same instrument.

SECTION 7. Governing Law. The terms of this Supplement will be construed in accordance with the laws of the District of Columbia (without giving effect to conflicts of laws principles).

SECTION 8. Headings. Section headings in this Supplement are for convenience only and will not affect the construction hereof.

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IN WITNESS WHEREOF, the parties hereto have caused this Supplement to be duly executed by their respective officers as of the date first above written.

FANNIE MAE, in its corporate capacity

By: /s/Robert Mailley
Robert Mailley
Vice President, Structured Transactions

FANNIE MAE, as trustee

By: /s/Stephen H. McElhennon
Stephen H. McElhennon
Senior Vice President and Deputy General
Counsel

DISTRICT OF COLUMBIA } SS

THIS instrument was acknowledged before me on this 27th day of May, 2020, by Robert Mailley, Vice President of Fannie Mae.

/s/Mark Dola
Notary Public
My commission expires: January 1, 2022

DISTRICT OF COLUMBIA } SS

THIS instrument was acknowledged before me on this 27th day of May, 2020, by Stephen H. McElhennon, Senior Vice President and Deputy General Counsel of Fannie Mae.

/s/Mark Dola
Notary Public
My commission expires: January 1, 2022

EXHIBIT A

TO OMNIBUS SUPPLEMENT TO DESIGNATED TRUST AGREEMENTS

Effect of Benchmark Transition Event

(a) *Benchmark Replacement.* If Fannie Mae determines that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior to the Reference Time in respect of any determination of the Benchmark on any date, the Benchmark Replacement will replace the then-current Benchmark for all purposes relating to the Certificates in respect of such determination on such date and all determinations on all subsequent dates.

(b) *Benchmark Replacement Conforming Changes.* In connection with the implementation of a Benchmark Replacement, Fannie Mae will have the right to make Benchmark Replacement Conforming Changes from time to time.

(c) *Decisions and Determinations.* Any determination, decision or election that may be made by Fannie Mae pursuant to this Section titled “Effect of Benchmark Transition Event,” including any determination with respect to a tenor, rate or adjustment or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection, will be conclusive and binding absent manifest error, may be made in Fannie Mae’s sole discretion, and, notwithstanding anything to the contrary in the documentation relating to the Certificates, will become effective without consent from any other party. For purposes of whether a Benchmark Replacement or Benchmark Replacement Adjustment can be determined by Fannie Mae, if a Benchmark Replacement or Benchmark Replacement Adjustment alternative is, in the sole judgement of Fannie Mae, not administratively feasible, whether due to technical, administrative or operational issues, then such alternative will be deemed not to be determinable.

(d) *Certain Defined Terms.* As used in this Section titled “*Effect of Benchmark Transition Event*”:

“**Benchmark**” means, initially, LIBOR; provided that if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to LIBOR or the then-current Benchmark, then “Benchmark” means the applicable Benchmark Replacement.

“**Benchmark Replacement**” means the Interpolated Benchmark; provided that if Fannie Mae cannot determine the Interpolated Benchmark as of the Benchmark Replacement Date, then “Benchmark Replacement” means the first alternative set forth in the order below that can be determined by Fannie Mae as of the Benchmark Replacement Date:

(1) the sum of: (a) Term SOFR and (b) the Benchmark Replacement Adjustment;

(2) the sum of: (a) Compounded SOFR and (b) the Benchmark Replacement Adjustment;

(3) the sum of: (a) the alternate rate of interest that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current Benchmark for the applicable Corresponding Tenor and (b) the Benchmark Replacement Adjustment;

(4) the sum of: (a) the ISDA Fallback Rate and (b) the Benchmark Replacement Adjustment;

(5) the sum of: (a) the alternate rate of interest that has been selected by Fannie Mae as the replacement for the then-current Benchmark for the applicable Corresponding Tenor giving due consideration to any industry-accepted rate of interest as a replacement for the then-current Benchmark for U.S. dollar denominated floating rate securities at such time and (b) the Benchmark Replacement Adjustment;

provided, however, that if the Benchmark Replacement determined for any Benchmark Replacement Date is the rate specified in clause (2) above, and if, on the first day of any calendar month following such Benchmark Replacement Date, a redetermination of the Benchmark Replacement would result in the selection of a Benchmark Replacement specified in clause (1) above, then (x) the Benchmark Replacement specified in clause (1) above will be the Benchmark commencing with the earliest practicable index determination date thereafter and (y) the Benchmark Replacement Adjustment will be redetermined on such date utilizing the Unadjusted Benchmark Replacement corresponding to the Benchmark Replacement specified in clause (1) above. If redetermination of the Benchmark Replacement on any date described in the preceding sentence would not result in the selection of a Benchmark Replacement under clause (1), then the Benchmark will remain the Benchmark Replacement specified in clause (2) above for the following index determination date.

Notwithstanding the foregoing provisions of this definition, if a Benchmark Replacement is chosen because an alternative higher in priority in the foregoing list was not administratively feasible and such alternative later becomes administratively feasible, Fannie Mae may replace the previously selected Benchmark Replacement with such higher alternative.

“Benchmark Replacement Adjustment” means the first alternative set forth in the order below that can be determined by Fannie Mae as of the Benchmark Replacement Date:

(1) the spread adjustment, or method for calculating or determining such spread adjustment, (which may be a positive or negative value or zero) that has been selected, endorsed or recommended by the Relevant Governmental Body for the applicable Unadjusted Benchmark Replacement;

(2) if the applicable Unadjusted Benchmark Replacement is equivalent to the ISDA Fallback Rate, then the ISDA Fallback Adjustment;

(3) the spread adjustment (which may be a positive or negative value or zero) that has been selected by Fannie Mae giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current Benchmark with the applicable Unadjusted Benchmark Replacement for Certificates at such time.

Notwithstanding the foregoing provisions of this definition, if a Benchmark Replacement Adjustment is chosen because an alternative higher in priority in the foregoing list was not administratively feasible and such alternative later becomes administratively feasible, Fannie Mae may replace the previously selected Benchmark Replacement Adjustment with such higher alternative.

“Benchmark Replacement Conforming Changes” means, with respect to any Benchmark Replacement, any technical, administrative or operational changes (including changes to the interest accrual period, timing and frequency of determining rates and making payments of interest, changes to the definition of “Corresponding Tenor” solely when such tenor is longer than the interest accrual period and other administrative matters) that Fannie Mae decides may be appropriate to reflect the adoption of such Benchmark Replacement in a manner substantially consistent with market practice (or, if Fannie Mae decides that adoption of any portion of such market practice is not administratively feasible or if Fannie Mae determines that no market practice for use of the Benchmark Replacement exists, in such other manner as Fannie Mae determines is reasonably necessary).

“Benchmark Replacement Date” means the earliest to occur of the following events with respect to the then-current Benchmark:

(1) in the case of clause (1) or (2) of the definition of “Benchmark Transition Event,” the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the Benchmark permanently or indefinitely ceases to provide the Benchmark; or

(2) in the case of clause (3) of the definition of “Benchmark Transition Event,” the date of the public statement or publication of information referenced therein;

provided, however, that on or after the 60th day preceding the date on which such Benchmark Replacement Date would otherwise occur (if applicable), Fannie Mae may give written notice to holders of Certificates in which Fannie Mae designates an earlier date (but not earlier than the 30th day following such notice) and represents that such earlier date will facilitate an orderly transition of the transaction to the Benchmark Replacement, in which case such earlier date will be the Benchmark Replacement Date.

For the avoidance of doubt, if the event giving rise to the Benchmark Replacement Date occurs on the same day as, but earlier than, the Reference Time in respect of any determination, the Benchmark Replacement Date will be deemed to have occurred prior to the Reference Time for such determination.

“Benchmark Transition Event” means the occurrence of one or more of the following events with respect to the then-current Benchmark:

(1) a public statement or publication of information by or on behalf of the administrator of the Benchmark announcing that such administrator has ceased or will cease to provide the Benchmark, permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark;

(2) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark, the central bank for the currency of the Benchmark, an insolvency official with jurisdiction over the administrator for the Benchmark, a resolution authority with jurisdiction over the administrator for the Benchmark or a court or an entity with similar insolvency or resolution authority over the administrator for the Benchmark, which states that the administrator of the Benchmark has ceased or will cease to provide the Benchmark

permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark; or

(3) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark announcing that the Benchmark is no longer representative.

“Compounded SOFR” means the compounded average of SOFRs for the applicable Corresponding Tenor, with the rate, or methodology for this rate, and conventions for this rate (which will be compounded for each interest accrual period in arrears with a look-back and/or suspension period that may be prior to such interest accrual period) being established by Fannie Mae in accordance with the first alternative set forth in the order below that can be determined by Fannie Mae as of the Benchmark Replacement Date:

(1) the rate, or methodology for this rate, and conventions for this rate selected or recommended by the Relevant Governmental Body for determining compounded SOFR;

(2) the rate, or methodology for this rate, and conventions for this rate that have been selected by Fannie Mae giving due consideration to any industry-accepted market practice for U.S. dollar denominated floating rate securities at such time.

“Corresponding Tenor” with respect to a Benchmark Replacement means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for the then-current Benchmark.

“Federal Reserve Bank of New York’s Website” means the website of the Federal Reserve Bank of New York at <http://www.newyorkfed.org>, or any successor source.

“Interpolated Benchmark” with respect to the Benchmark means the rate determined for the Corresponding Tenor by interpolating on a linear basis between: (1) the Benchmark for the longest period (for which the Benchmark is available) that is shorter than the Corresponding Tenor and (2) the Benchmark for the shortest period (for which the Benchmark is available) that is longer than the Corresponding Tenor.

“ISDA Definitions” means the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time.

“ISDA Fallback Adjustment” means the spread adjustment, (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of an index cessation event with respect to the Benchmark for the applicable tenor.

“ISDA Fallback Rate” means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of an index cessation date with respect to the Benchmark for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

“Reference Time” with respect to any determination of the Benchmark means (1) if the Benchmark is LIBOR, 11:00 a.m. (London time) on the day that is two London banking days preceding the date of such determination, and (2) if the Benchmark is not LIBOR, the time determined by Fannie Mae in accordance with the Benchmark Replacement Conforming Changes.

“Relevant Governmental Body” means the Federal Reserve Board and/or the Federal Reserve Bank of New York, or a committee officially endorsed or convened by the Federal Reserve Board and/or the Federal Reserve Bank of New York or any successor thereto.

“SOFR” with respect to any day means the secured overnight financing rate published for such day by the Federal Reserve Bank of New York, as the administrator of the benchmark, (or a successor administrator) on the Federal Reserve Bank of New York’s Website.

“Term SOFR” means the forward-looking term rate for the applicable Corresponding Tenor based on SOFR that has been selected or recommended by the Relevant Governmental Body.

“Unadjusted Benchmark Replacement” means the Benchmark Replacement excluding the Benchmark Replacement Adjustment.