Filed Pursuant to Rule 433 of the Securities Act of 1933 Issuer Free Writing Prospectus, dated August 15, 2017 Relating to Preliminary Prospectus Supplement, dated August 15, 2017 Registration No. 333-205306

AGNC Investment Corp.

12,000,000 Depositary Shares Each Representing a 1/1,000th Interest in a Share of 7.00% Series C Fixed-To-Floating Rate Cumulative Redeemable Preferred Stock

(Liquidation Preference Equivalent to \$25.00 Per Depositary Share)

Final Term Sheet

August 15, 2017

Issuer: AGNC Investment Corp.

Securities Offered: Depositary shares, each representing a 1/1,000th fractional interest in a share

of 7.00% Series C Fixed-to-Floating Rate Cumulative Redeemable Preferred

Stock of the Company (the "Series C Preferred Stock").

Shares Offered: 12,000,000 shares

Option to Purchase Additional Shares: 1,800,000 shares

Trade Date: August 15, 2017

Settlement and Delivery Date: August 22, 2017 (T + 5)

Public Offering Price: \$25.00 per depositary share; \$300,000,000 in aggregate (assuming the

underwriters do not exercise their option to purchase additional shares).

Underwriting Discount: \$0.7875 per depositary share; \$9,450,000 total (assuming the underwriters

do not exercise their option to purchase additional shares).

Net Proceeds to the Issuer,

Before Expenses:

\$24.2125 per depositary share; \$290,550,000 total (assuming the

underwriters do not exercise their option to purchase additional shares).

Maturity: Perpetual (unless redeemed by the Issuer on or after October 15, 2022,

pursuant to the optional redemption right described below, or redeemed by the Issuer at any time pursuant to the special optional redemption right described below, or converted by an investor in connection with a Change of Control as described below or redeemed by the Issuer pursuant to its

amended and restated certificate of incorporation to preserve its

qualification as a real estate investment trust, or REIT).

Dividend Rate:

Dividend Payment Date:

Liquidation Preference:

Optional Redemption Date:

Special Optional Redemption:

From and including the original issue date to, but excluding, October 15, 2022, at a fixed rate equal to 7.00% per annum of the \$25,000 liquidation preference per share of Series C Preferred Stock (equivalent to \$1,750 per annum per share of Series C Preferred Stock and \$1.75 per annum per depositary share), and from and including October 15, 2022, at a floating rate equal to Three-Month LIBOR plus a spread of 5.111% per annum.

Quarterly cumulative dividends, in arrears, on or about the 15th day of each January, April, July and October of each year (provided that if any dividend payment date is not a business day, then the dividend which would otherwise have been payable on that dividend payment date may be paid on the next succeeding business day). The first dividend will be payable on or about October 15, 2017 (short first dividend) in the amount of \$257.64 per share of Series C Preferred Stock (or \$0.25764 per depositary share) and will be paid to the holder of record of the Series C Preferred Stock on the corresponding dividend record date, which will be the depositary, which will in turn remit such dividend on such dividend payment date to the record holder of depositary shares on such dividend record date.

\$25.00 per depositary share; \$300,000,000 in aggregate (assuming the underwriters do not exercise their option to purchase additional shares).

October 15, 2022, except under circumstances intended to preserve the Issuer's qualification as a REIT, for federal income tax purposes and except as described below under "Special Optional Redemption." On and after October 15, 2022, the Issuer may, at its option, redeem any or all of the shares of the Series C Preferred Stock underlying the depositary shares (and the depositary will redeem the number of depositary shares representing interests in the Series C Preferred Stock redeemed) at \$25,000 per share (equivalent to \$25.00 per depositary share), plus any accumulated and unpaid dividends to, but not including, the redemption date.

Upon the occurrence of a Change of Control, the Issuer may, at its option, redeem any or all of the shares of Series C Preferred Stock (and the depositary shares) within 120 days after the first date on which such Change of Control occurred at a cash redemption price of \$25.00 per depositary share plus any accumulated and unpaid dividends to, but not including, the redemption date. If, prior to the Change of Control Conversion Date (as defined below), the Issuer has provided notice of its election to redeem some or all of the Series C Preferred Stock (and the depositary shares) (whether pursuant to its optional redemption right or this special optional redemption right), the holders of depositary shares representing interests in the Series C Preferred Stock will not have the conversion right described below under "Conversion Rights" with respect to the shares of Series C Preferred Stock called for redemption.

Change of Control:

Deemed to occur when, after the original issuance of the Series C Preferred Stock, the following have occurred and are continuing: (i) the acquisition by any person, including any syndicate or group deemed to be a "person" under Section 13(d)(3) of the Securities Exchange Act of 1934, as amended, or the Exchange Act, of beneficial ownership, directly or indirectly, through a purchase, merger or other acquisition transaction or series of purchases, mergers or other acquisition transactions of the Issuer's stock entitling that person to exercise more than 50% of the total voting power of all the Issuer's stock entitled to vote generally in the election of the Issuer's directors (except that such person will be deemed to have beneficial ownership of all securities that such person has the right to acquire, whether such right is currently exercisable or is exercisable only upon the occurrence of a subsequent condition); and (ii) following the closing of any transaction referred to in clause (i) above, neither the Issuer nor the acquiring or surviving entity has a class of common securities (or American Depositary Receipts representing such securities) listed on the New York Stock Exchange (the "NYSE"), the NYSE American, LLC (the "NYSE American") or The NASDAQ Global Select Market ("Nasdaq"), or listed or quoted on an exchange or quotation system that is a successor to the NYSE, the NYSE American or Nasdaq.

Conversion Rights:

Share Cap: 2.33536

Exchange Cap: Subject to certain adjustments, the Exchange Cap will not exceed 28,024,320 shares of the Issuer's common stock (or equivalent Alternative Conversion Consideration, as applicable) issuable or deliverable, as applicable, subject to proportionate increase to the extent the underwriters exercise their option to purchase additional depositary shares, not to exceed 32,227,968 shares of the Issuer's common stock in total (or equivalent Alternative Conversion Consideration, as applicable).

Proposed Nasdaq Global Select Market Listing Symbol:

Listing Symbol.

AGNCN

CUSIP: 00123Q500

ISIN: US00123Q5009

Book-Running Managers: Morgan Stanley & Co. LLC

Merrill, Lynch, Pierce, Fenner & Smith

Incorporated

UBS Securities LLC

J.P. Morgan Securities LLC RBC Capital Markets, LLC Keefe, Bruyette & Woods, Inc.

Co-Managers: Citigroup Global Markets Inc.

Credit Suisse Securities (USA) LLC

The issuer has filed a registration statement (including a base prospectus dated June 26, 2015) and a preliminary prospectus supplement, dated August 15, 2017 with the Securities and Exchange Commission (the "SEC") for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and the preliminary prospectus supplement and other documents the issuer has

filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC's website at www.sec.gov. Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus and related preliminary prospectus supplement if you request them from Morgan Stanley & Co. LLC by calling (800) 584-6837, Merrill, Lynch, Pierce, Fenner & Smith Incorporated by calling (800) 294-1322, UBS Securities LLC by calling (888) 827-7275, J.P. Morgan Securities LLC by calling (212) 834-4533, RBC Capital Markets, LLC by calling (866) 375-6829 or Keefe, Bruyette & Woods, Inc. by calling (800) 966-1559.