FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

| OMB APPROVAL | | | | | | |
|-------------------------|--------|--|--|--|--|--|
| OMB Number: 3235-0287 | | | | | | |
| stimated average burden | | | | | | |
| ours per respons | se 0.5 | | | | | |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (Print or Ty | pe Response | s) | | | | | | | | | | | | | | | | | |
|---|-------------------------|---------|-----|--|--|--------------------------------|--------------|---|---------|--|----------------------|--------------------------|---------------------------|---|--|--------------------|--|--|-------------------------------------|
| 1. Name and Address of Reporting Person *- Sandberg Rebecca B | | | | | 2. Issuer Name and Ticker or Trading Symbol TWO HARBORS INVESTMENT CORP. [TWO] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X Officer (give title below) Other (specify below) | | | | | |
| TWO HARBORS INVESTMENT CORP., 590 MADISON AVENUE, 36TH FLOOR | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 01/29/2018 | | | | | | | | ear) | | Genera | al Counsel and | Secretary | | |
| (Street) NEW YORK, NY 10022 | | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | | y/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) X_Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City | y) | (State) | | (Zip) | Table I - Non-Derivative Securities Acqu | | | | | | | curitie | uired, Dis | ired, Disposed of, or Beneficially Owned | | | | | |
| 1. Title of Security (Instr. 3) | | | Dat | 2. Transaction Date (Month/Day/Year) | | Deemed cution Date, i | if Co (In | Transa de str. 8) | ction | 4. Securities Acqu (A) or Disposed o (Instr. 3, 4 and 5) | | of (D) | Benefic Reporte | 5. Amount of Securities Beneficially Owned Followin Reported Transaction(s) (Instr. 3 and 4) | | Form: | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | (IVIO | nui/Day | / 1Ca. | | Code | V | Amou | | (A) or | | (msu. 3 | and 4) | | \ / | (Instr. 4) |
| Common \$0.01 per | n stock, par r share | r value | 01/ | /29/2018 | | | | | A | | 47,88 (1) | 83 | | \$ 15.12 | 137,61 | 6 ⁽²⁾ . | | D | |
| | | | | Table II - | Deri | vative S | Secur | rities A | Acquii | Pers cont the f | ons wained form d | /ho r in th lispla | his for ays a or Be | rm are curre neficia | e not rec ntly vali ally Owne | d OMB cor | formation espond unles atrol number. | s | 1474 (9-02 |
| 1 77:4 6 | 12 | 2 F : | | | · • | puts, c | alls, | | ants, o | | | | | | | 0 D : C | 0.37 1 0 | 1.0 | 11.35. |
| 1. Title of Derivative Security (Instr. 3) | | | | | | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | and E | xpirati | • | | Amo Unde Secu | unt of Derivative Security | | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | Beneficia Ownershi (Instr. 4) |
| | | | | | | Code | V | (A) | (D) | Date Exerc | eisable | Exp Date | iration e | Title | Amount or Number of Shares | | | | |

Reporting Owners

| Denouting Owney Name / Adduces | Relationships | | | | | | | |
|--|---------------|-----------|-------------------------------|-------|--|--|--|--|
| Reporting Owner Name / Address | | 10% Owner | Officer | Other | | | | |
| Sandberg Rebecca B TWO HARBORS INVESTMENT CORP. 590 MADISON AVENUE, 36TH FLOOR NEW YORK, NY 10022 | | | General Counsel and Secretary | | | | | |

Signatures

| /s/ Rebecca B. Sandberg | 01/29/2018 | | | |
|---------------------------------|------------|--|--|--|
| **Signature of Reporting Person | Date | | | |

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents a restricted stock award issued under Two Harbors Investment Corp.'s Second Restated 2009 Equity Incentive Plan. This award vests in three equal annual installments commencing on the first anniversary of the grant date.
- (2) On November 1, 2017, the Issuer effected a one-for-two reverse stock split of its outstanding shares of common stock. The amount of securities reported in this Form 4 has been adjusted to reflect the reverse stock split.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.