FORM 4

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

OMB APPROVAL

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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 Responses	s)															
1. Name and Address of Reporting Person *- ROTH WILLIAM				TW	2. Issuer Name and Ticker or Trading Symbol TWO HARBORS INVESTMENT CORP. [TWO]							-	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X DirectorX Officer (give title below)				
(Kast) (First) (Middle) TWO HARBORS INVESTMENT CORP., 590 MADISON AVENUE, 36TH FLOOR				`	3. Date of Earliest Transaction (Month/Day/Year) 01/29/2018							-		CIII	er investment	officer	
(Street) NEW YORK, NY 10022				4. If	4. If Amendment, Date Original Filed(Month/Day/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) (State) (Zip)					Table I - Non-Derivative Securities Acqu							Acqui	ired, Disposed of, or Beneficially Owned				
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	Exect	2A. Deemed Execution Date, if any (Month/Day/Year)	f Co	Code (Instr. 8)		4. Securities Acq (A) or Disposed (Instr. 3, 4 and 5)		of (E	of (D) Ber Rep		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		Direct (D)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
						(Code	V	Amour	or	Pri	ice				(I) (Instr. 4)	(IIIsu. 4)
Common stock, par value \$0.01 per share 01/29/2018				5	<u>s(1)</u>		44,02	8 D	\$ 15.1 (<u>3)</u>	626	744,845			D			
Reminder:	Report on a s	separate line f	or each class of secu Table I	[- Deri	ivative Secu	ırities	Acqu	Per cor the	rsons w ntained form o Dispose	who res in this lisplays	form a cu Benef	n are urren ficiall	not req tly valid	uired to re d OMB cor	formation spond unles atrol number	s	1474 (9-02)
	1-	l		<u> </u>	, puts, calls	, war i 5.	ants,	-1								L	T.,
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transactic Date (Month/Day	Execution I	ate, if	Code		evative urities uired or posed D) tr. 3, and 5)	and (Mo	Expirati	tte Exercisable Expiration Date tth/Day/Year)		7. Title Amour Jnderl Securit Instr.	nt of lying	0.11100	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)	Beneficial Ownership (Instr. 4)
								Date Exe	e rcisable	Expirat Date	ion T	Title 1	Amount or Number of				

Reporting Owners

Popouting Owner Name / Address	Relationships					
Reporting Owner Name / Address		10% Owner	Officer	Other		
ROTH WILLIAM TWO HARBORS INVESTMENT CORP. 590 MADISON AVENUE, 36TH FLOOR NEW YORK, NY 10022	X		Chief Investment Officer			

Signatures

/s/ William Roth	01/31/2018			
**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) The transaction reported on this Form 4 was effected pursuant to trading instructions given by the reporting person on November 20, 2017 in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934.
- (2) The reporting person sold the shares to satisfy income tax liabilities incurred as a result of vestings that occurred on January 26, 2018 and January 27, 2018 of restricted stock awards previously granted to the reporting person.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$15.12 to \$15.19, inclusive. The reporting (3) person undertakes to provide to Two Harbors Investment Corp., any security holder of Two Harbors Investment Corp., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.

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.