FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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

(111111 01 1)	pe Responses	3)												
1. Name and Address of Reporting Person * Farrell Brad				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 10% Owner					
601 CARLSON PARKWAY, SUITE 1400			3. Date of Earliest Transaction (Month/Day/Year) 02/22/2013					X_Officer (give title below)Other (specify below) Vice Pres., CFO & Treasurer						
(Street) MINNETONKA, MN 55305				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					lired, Disposed of, or Beneficially Owned						
1.Title of Security (Instr. 3)			2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, any (Month/Day/Yea	(Instr. 8)		4. Securities Acqui (A) or Disposed of (Instr. 3, 4 and 5)		of (D)	Benefic	ount of Securities cially Owned Following ed Transaction(s)		6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership
				(Wolth/Day/TC	Code	V	Amoun	(A) or t (D)	Price	(msu. 3	or (I)		or Indirect (Instr. 4)	
Common \$0.01 per	n stock, par r share	value	02/22/2013		P		400	A	\$ 12.45	13,250)		D	
Reminder:	Report on a s	separate line for	r each class of secur	ities beneficially o	owned direc	Per	sons wh	no resp	ond to	the colle	ection of in	formation		1474 (9-02
Reminder:	Report on a s	separate line for		- Derivative Secu	rities Acqu	Per con the	sons what sons distained it form distance	no responding this for this formal section of the contract of	orm are a curre eneficia	not required noting valid	uired to re d OMB cor	oformation espond unles ntrol number.	s	1474 (9-02
			Table II -	- Derivative Secu (e.g., puts, calls,	rities Acqu warrants,	Per con the iired, l	sons what ained in form distributed by the contract of the con	no responding this for this formula of, or B	orm are a curre eneficia curities	not req ntly vali	uired to red OMB cor	espond unles ntrol number.	s	, ,
1. Title of		3. Transaction	Table II - 3A. Deemed Execution Data any	- Derivative Secu	rities Acqu warrants,	Per con the nired, 1 option 6. Do and 1 (Mose	sons what sons distained it form distance	of, or B rtible se isable n Date	eneficia curities 7. Tit Amor Unde Secur	e not recently valid	juired to red OMB coned	spond unles	s	11. Natur of Indire Beneficia Ownersh (Instr. 4)

Reporting Owners

Donouting Owney Name / Addusse	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Farrell Brad 601 CARLSON PARKWAY SUITE 1400 MINNETONKA, MN 55305			Vice Pres., CFO & Treasurer			

Signatures

/s/ Brad Farrell	02/22/2013
***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).

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.