FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-028								
F-4:41	hurdon								

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

37 Estimated average burden hours per response: 0.5

1. Name and Address of Reporting Person* Mahoney Edmund V.						2. Issuer Name and Ticker or Trading Symbol Horizon Technology Finance Corp [HRZN]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner							
(Last) (First) (Middle) 312 FARMINGTON AVENUE					3. Date of Earliest Transaction (Month/Day/Year) 08/27/2013											Office	cer (give title ow)		Other below)	(specify		
(Street) FARMIN (City)	GTON	CT (State)		J S 06032 Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									. Indiv ine) X	-/					
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																					
1. Title of Security (Instr. 3) 2. Transa Date (Month/D					ar)	2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Dispose Code (Instr. 5)		rities Acquired (A) ed Of (D) (Instr. 3,			4 and Se Be Ov		5. Amount of Securities Beneficially Owned Following Reported		vnership n: Direct r Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
										Code	v	Amount		(A) or (D) Pri			Transa	action(s) 3 and 4)			(111501. 4)	
Common	Common Stock 08/2				08/27	<mark>7/201</mark> 3	3			P		500	A \$		\$1	3.5 2,012		12.097		D		
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																					
1. Title of Derivative Security (Instr. 3) Convers or Exerc of Price of Derivativ Security		on Da ise (M	Transaction tte onth/Day/Year)	3A. Deem Execution	ed Date,	4. Transactio Code (Insti 8)		r. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Expiration (Month/L	on Date	ar)	7. Title and Amount of Securities Underlying Derivative Security (Instrand 4) Amount or Numboof Title		ount		ivative curity	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirect (I) (Instr. 4	Ownership Form: Direct (D) or Indirect	Beneficial Ownership (Instr. 4)	

Explanation of Responses:

/s/ Edmund V. Mahoney

08/28/2013

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * 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.

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