LIGHTBRIDGE Corp Form 4 May 27, 2011

## FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

0.5

Estimated average burden hours per response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person \*\*
MARXE AUSTIN W &
GREENHOUSE DAVID M

(First) (Middle)

2. Issuer Name **and** Ticker or Trading Symbol

LIGHTBRIDGE Corp [LTBER]

3. Date of Earliest Transaction (Month/Day/Year)

05/25/2011

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_ X\_\_ 10% Owner \_\_\_\_ Officer (give title below) Other (specify below)

C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE, SUITE 2600

(State)

(Street) 4. If Amendment, Date Original

(Zin)

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

NEW YORK, NY 10022

(City)	(State)	(Zip) Tal	ole I - Non-	-Derivativ	e Sec	urities Acq	uired, Disposed	of, or Benefic	cially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or Do (Instr. 3,	ispose 4 and (A) or	ed of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/25/2011		P	2,050	A	\$ 3.7642 (1)	1,254,492	I	By Limited Partnerships
Common Stock	05/26/2011		P	1,300 (2)	A	\$ 3.75 (1)	1,255,792 (2)	I (2)	By Limited Partnerships (2)

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

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#### number.

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Tit	le of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Deriv	ative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amou	nt of	Derivative	Deriv
Secur	ity	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr	. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
		Derivative				Securities			(Instr.	3 and 4)		Owne
		Security				Acquired						Follo
		•				(A) or						Repo
						Disposed						Trans
						of (D)						(Instr
						(Instr. 3,						
						4, and 5)						
										Amount		
										Amount		
							Date	Expiration		Or		
						Exercisable	sable Date	Title Number				
				C-J- V	(A) (D)				of			
					Code V	(A) (D)				Shares		

#### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022

X

#### **Signatures**

Austin W.

Marxe 05/26/2011

\*\*Signature of Person Date

Reporting Person

David M.

Greenhouse 05/26/2011

\*\*Signature of 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) This is a weighted average price.
  - This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman) and Special
- (2) Situations Private Equity Fund, L.P. (PE). 784,869 shares of Common Stock are held by QP, 261,622 shares of Common Stock are held by Cayman, 209,301 shares of Common Stock are held by PE. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, Cayman and PE is limited to the extent of his pecuniary interest.

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

Reporting Owners 2

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