## 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

1. Name and Address of Reporting Person* MARXE AUSTIN W & GREENHOUSE DAVID M					2. Issuer Name and Ticker or Trading Symbol LIGHTBRIDGE Corp [LTBR]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director Officer (give title below) Other (specify below)						
(Last) (First) (Middle) C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE, SUITE 2600					3. Date of Earliest Transaction (Month/Day/Year) 12/19/2013													
(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 PersonForm filed by More than One Reporting Person					Line)
(City) (State) (Zip)					Table I - Non-Derivative Securities Acqui							ired, Disposed of, or Beneficially Owned						
1.Title of Security (Instr. 3)		Date (Month/Day/Year) a		Execution any	xecution Date, if		Transac Code		(A) or Disposed of (D) (Instr. 3, 4 and 5)			Following Reported Transaction(s)		Form: Direct (l	nip Indirect Benefit O) Owner	Beneficial Ownership		
							Code	V	Amount	(A) or (D)	Pric			(I)		4)		
Stock		12/19/2	2013				S		147,100	D	\$ 1.600 (1)	06	2,203,240	5		I		imited erships
Common Stock 12/20/2013					S		14,000	D	\$ 1.423 (1)	38	2,189,24	189,246		I	By Limited Partnerships			
Common Stock 1		12/20/2	)/2013				S		84,881	D	\$ 1.4 (1)	10	2,104,36	5 (2)		I (2)		imited erships
Report on a s	separate line	e for each							Persons w contained the form di	ho re in thi	s form	n are urre	e not requently valid	ired to res	spond (	unless	SEC 14	74 (9-02)
	1		Table 1															
Derivative Conversion Date		Execution D n/Day/Year) any		Date, if	Code		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		nte ·)	Am Und Sec	nount of derlying curities str. 3 and	Derivative Security (Instr. 5)	Derivative Securities Beneficially Owned Following Reported	tive (ies   1   1   1   1   1   1   1   1   1	Ownership of Form of Benerivative Security: Direct (D) or Indirect (I)	Beneficia
									Date Exercisable			Title	or					
	AUSTIN M  CIAL SIT ON AVEN  DRK, NY  Security  Security  2.  Conversion or Exercise Price of Derivative	AUSTIN W & GR M  CIAL SITUATION ON AVENUE, SUI' (Street)  ORK, NY 10022 (State)  Gecurity  Security  2. Conversion or Exercise Price of Derivative  One of Exercise Price of Derivative  3. Transact Date (Month/D	AUSTIN W & GREENHOM  (First) (CIAL SITUATIONS FUNDON AVENUE, SUITE 2600 (Street)  DRK, NY 10022 (State)  Security  2. Trans Date (Month/  a Stock  12/19/2  A Stock  12/20/2  Report on a separate line for each of Exercise Price of Derivative  3. Transaction Date (Month/Day/Year)	AUSTIN W & GREENHOUSE  M  (First) (Middle) (CIAL SITUATIONS FUNDS, 527 (DN AVENUE, SUITE 2600  (Street)  (Street)  (Street)  (Street)  (Augustive)  (Picconversion of Exercise Price of Derivative)  (Picconversion of Exercise Price of Derivative)  (Augustia)  (First) (Middle) ((Middle) ((Zip)  (Zip)  (Augustian)  (August	AUSTIN W & GREENHOUSE  M  CIAL SITUATIONS FUNDS, 527 DN AVENUE, SUITE 2600  (Street)  2. Transaction Date (Month/Day/Year)  A Stock  12/19/2013  Report on a separate line for each class of securities land or exercise Price of Derivative  2. Transaction Date (Month/Day/Year)  3. D 12/20  2. Transaction Date (Month/Day/Year)  2. Table II - Deriv (e.g., 1)  3. Transaction Date (Month/Day/Year)  3. Deemed Execution Date (Month/Day/Year)  3. Deemed Execution Date (Month/Day/Year)  (Month/Day/Year)	AUSTIN W & GREENHOUSE  M  (i) (First) (Middle) (CIAL SITUATIONS FUNDS, 527 (Street) 4. If Amends  (Street) 2. Transaction (Month/Day/Year)  (ii) (State) (Zip)  (iii) (State) (Zip)  2. Transaction (Month/Day/Year)  (iii) Stock 12/19/2013  (iii) Stock 12/20/2013  (iv) Table II - Derivative Se (e.g., puts, call any (Month/Day/Year))  (iv) (State) 2. Transaction (iv) (Japana Paragraphy (Month/Day/Year)  (iv) (State) (Zip)  2. Transaction (iv) (Month/Day/Year)  (iv) (Month/Day/Year)  (iv) (Month/Day/Year)  (iv) (Month/Day/Year)  (iv) (Middle) (Zip) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	AUSTIN W & GREENHOUSE M  (First) (Middle) (CIAL SITUATIONS FUNDS, 527 (Street) 4. If Amendment  (Street) 2. Transaction (Month/Day/Year) 3. Date of Earlier (12/19/2013  2. Transaction (Month/Day/Year) 2. Transaction (Month/Day/Year) 3. Date (Month/Day/Year) 4. If Amendment  2. Transaction (Month/Day/Year) 6. Code (E.g., puts, calls, vector) (E.g., puts, calls, vector) (Code (Instr. 8)	AUSTIN W & GREENHOUSE M  CIAL SITUATIONS FUNDS, 527 DN AVENUE, SUITE 2600  (Street)  CRK, NY 10022  CRK, NY 10022  CRK, NY 10022  CRECURITY  CRECURITY  CRECURITY  CODE  CODE	AUSTIN W & GREENHOUSE M  (First) (Middle) (CIAL SITUATIONS FUNDS, 527 (Street) 4. If Amendment, Date Origin  (ORK, NY 10022 (State) 2. Transaction (Month/Day/Year) 2. Trable I - Non (Month/Day/Year) 3. Date of Earliest Transaction (Month/Day/Year) 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Origin  (Month/Day/Year) 3. Trable I - Non (Month/Day/Year) 3. Transaction (Month/Day/Year) 5. Trable I - Non (Code (Instr. 8)  (A Stock 12/20/2013 S  (A Stock 12/	AUSTIN W & GREENHOUSE M  OF CIAL SITUATIONS FUNDS, 527 DN AVENUE, SUITE 2600  Street  ORK, NY 10022  ORK, NY 10022  ORK, NY 10022  ORK, NY 10022  ORK ORTHON	AUSTIN W & GREENHOUSE M  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  CIRCL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  CISTREEL  CICHED  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  CISTREEL  CISTREEL  CISTREEL  A. If Amendment, Date Original Filed(Month/Day/Year)  COde  (Month/Day/Year)  COde  V Amount  (A) or Disposed (Instr. 3)  A Stock  12/19/2013  S 147,100 D  Report on a separate line for each class of securities beneficially owned directly or indirectly.  Code  Conversion One  Conversio	AUSTIN W & GREENHOUSE  M  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  A. If Amendment, Date Original Filed(Month/Day/Year)  (Street)  A. If Amendment, Date Original Filed(Month/Day/Year)  (Street)  A. If Amendment, Date Original Filed(Month/Day/Year)  (Street)  Table I - Non-Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  (Month/Day/Year)  A Stock  12/19/2013  S. 147,100 D 1.60  (Instr. 3)  A Stock  12/20/2013  S. 147,100 D 1.42  (Instr. 3)  S. 14,000 D 1.42  (Instr. 3)  A Stock  12/20/2013  S. 14,000 D 1.42  (Instr. 3)  A Stock  12/20/2013  S. 14,000 D 1.42  (Instr. 3)  A Stock  12/20/2013  S. 14,000 D 1.42  (Instr. 3)  A Stock  12/20/2013  S. 14,000 D 1.42  (Instr. 3)  A Stock  12/20/2013  S. 14,000 D 1.42  (Instr. 3)  A Stock  12/20/2013  S. 14,000 D 1.42  (Instr. 3)  A Stock  Derivative Securities Acquired, Disposed of, or Bene (e.g., puts, calls, warrants, options, convertible security or Disposed of Oly (Instr. 3)  A Stock  Date Execution Date (Instr. 8)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  A Date Execution Date (Instr. 8)  Date Execution Date (Instr. 8)  Date Execution Date (Instr. 8)  Date Execution Date (Instr. 3)  A And 5)	AUSTIN W & GREENHOUSE  M  (First) (Middle) (CIAL SITUATIONS FUNDS, 527 (Street)  (Street)  (State)  (A)  (State)  (A)  (B)  (Code  (A)  (Code  (A)  (Code  (Instr. 8)  (Instr. 3, 4 and 5)  (Instr. 3, 4 and 5)  (Instr. 3)  (A)  (A)  (A)  (A)  (Code  (Instr. 4)  (A)  (Instr. 4)  (Instr.	AUSTIN W & GREENHOUSE M  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  CIAL SITUATIONS FUNDS, 527 ON AVENUE, SUITE 2600  (Street)  CIAL SITUATIONS FUNDS, 527  A lif Amendment, Date Original Filed(Month/Day/Year)  Code (Month/Day/Year)  Code (Month/Day/Year)  Code (Instr. 3, 4 and 5)  Stock  12/19/2013  S 147,100 D 1,6006 Code (Instr. 3, 4 and 5)  S 144,000 D 1,4238 Code (Instr. 3)  S 14,000 D 1,4238 Code (Instr. 3)  S 14,00	AUSTIN W & GREENHOUSE   LIGHTBRIDGE Corp [LTBR]   Che   Director   Officer (give tille below   Officer (give till below   Officer (g	AUSTIN W & GREENHOUSE  M  LIGHTBRIDGE Corp [LTBR]  CIAL STIVATIONS FUNDS, 527  3, Date of Earliest Transaction (Month/Day/Year)  12/19/2013  3, Date of Earliest Transaction (Month/Day/Year)  (Sweet)  (Sweet)  (Rounth/Day/Year)  (Sweet)  2. Transaction  Date  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (A)  Code  V Amount  (D)  Fire field by One Reporting Prace (A) or Disposed of (D) (Instr. 3, 4 and 5)  (Instr. 3 and 4)  (Instr. 3 and 4)  (Instr. 3 and 4)  Table II - Derivative Securities Deneficially owned directly or indirectly.  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3)  Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3)  14,000  D  S  14,100  D  S  14,238  2,189,246  (II)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3)  Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3)  S  14,000  D  S  14,238  2,189,246  (II)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3)  Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3)  Annount of Securities Beneficially owned directly or indirectly  Ferron fist by More Acquired, Disposed of (D) (Instr. 3)  Annount of Securities Beneficially owned directly or indirectly  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (C.g., puts, calls, warrants, options, convertible securities)  Conversion  Conversion  Date  Conversion	AUSTIN W & GREENHOUSE   LIGHTBRIDGE Corp [LTBR]	AUSTIN W & GREENHOUSE M  Other Comments of the property of the

# **Reporting Owners**

	Relationships					
Reporting Owner Name / Address	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	12/23/2013
**Signature of Reporting Person	Date
David M. Greenhouse	12/23/2013
**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).
- (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
- (2) Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman) and Special Situations Private Equity Fund, L.P. (PE). 1,280,982 shares of Common Stock are held by QP, 428,899 shares of Common Stock are held by Cayman, 394,484 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.

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.