FORM 4

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

OMB APPROVAL
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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

IAL SIT N AVEN	(First) UATION UE, SUII (Street)	EENH((Middle) DS, 527	3. D 07/		IDG	E Cor	p [L	TBR]		1	Direct	(Che	ck all ap	pplicable) _X10% (wner					
N AVEN	UATION UE, SUIT (Street)	IS FUN	DS, 527	07/			Transa	ction	(Month/D		2. Issuer Name and Ticker or Trading Symbol LIGHTBRIDGE Corp [LTBR]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director Z 10% Owner Officer (give title below) Other (specify below)				
,	10022			4. If					(World) B	ay/Ye	ar)										
,			(Street) NEW YORK, NY 10022				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								
urity						Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned															
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Yea			Executi				on	(A) or Disposed of (D) I (Instr. 3, 4 and 5)			Beneficially Reported Tr	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		Form: Direct (I or Indire (I)	ip Indirect Benefit Owner	7. Nature of Indirect Beneficial Ownership (Instr. 4)					
						(Code	V	Amount	(D)	Price				(Instr. 4)						
Stock		07/18/	2011				P		39,850	A	\$ 2.589 (1)	1,318,615	;	I			imited erships				
Common Stock 07.		07/19/	9/2011				Р		8,249 A \$ 2.58		2.5813	1,326,864 (2)		I (2)		By Limited Partnerships					
eport on a s	eparate line	e for each	a class of sec	curities l	peneficial	ly ow	ned di	P	ersons w	ho re	is form a	are not requ	ired to res	pond (unless	SEC 14	74 (9-02)				
			Table II				_					•									
Conversion r Exercise rice of Perivative ecurity	Date		Execution lany	ed Date, if	4. Transact Code	5	5. Number of Derivat Securiti Acquire (A) or Dispose of (D) (Instr. 3	ive les ed ed	o. Date Exo nd Expira Month/Da	ercisal tion D y/Yea	ole 7 ate A r) U S (I 4	Title and mount of (nderlying ecurities nstr. 3 and) Amount or itle Number		Derivat Securit Benefic Owned Follow Reporte Transac	tive (Cies Findly II) ing II ed (cition(s) (Cies Findly II)	ownership orm of erivative ecurity: birect (D) r Indirect	Beneficia				
epo con r E	ock ort on a s eversion exercise e of ivative	ort on a separate line aversion Exercise (Month/Dispersion livative)	ort on a separate line for each oversion Date (Month/Day/Year) iversive e of ivative	Table II aversion Date Execution (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)	Table II - Deriv (e.g.,) 3. 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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	07/21/2011			
**Signature of Reporting Person	Date			
David M. Greenhouse	07/21/2011			
**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 Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman) and Special Situations Private Equity Fund, L.P. (PE). 829,288 shares of Common Stock are held by QP, 276,429 shares of Common Stock are held by Cayman, 221,147 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.

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