

LIGHTBRIDGE Corp  
Form 3  
October 29, 2013

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

|   |  |  |
|---|--|--|
| 1. Name and Address of Reporting Person * | 2. Date of Event Requiring Statement             | 3. Issuer Name and Ticker or Trading Symbol          |
| Â MARXE AUSTIN W & GREENHOUSE DAVID M     | (Month/Day/Year)<br>10/22/2013                   | LIGHTBRIDGE Corp [LTBR]                              |
| (Last) (First) (Middle)                   |  |  |
|   | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |

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

(Street)

NEW YORK,Â NYÂ 10022

(City) (State) (Zip)

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 2,378,312 <sup>(1)</sup>                              | I <sup>(1)</sup>   | By Limited Partnerships <sup>(1)</sup>                |

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security | 4. Conversion or Exercise | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|--|---------------------------|----------------------|---|
|--|--|--|---------------------------|----------------------|---|

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|          | Date Exercisable          | Expiration Date | (Instr. 4)<br>Title | Amount or Number of Shares               | Price of Derivative Security | Derivative Security: Direct (D) or Indirect (I) (Instr. 5) |   |
|----------|---------------------------|-----------------|---------------------|--|------------------------------|--|---|
| Warrants | 07/28/2010 <sup>(4)</sup> | 07/27/2017      | Common Stock        | 454,546<br><sup>(3)</sup> <sup>(4)</sup> | \$ 9                         | I <sup>(3)</sup> <sup>(4)</sup>                            | By Limited Partnerships <sup>(3)</sup> <sup>(4)</sup> |
| Warrants | 04/25/2014 <sup>(4)</sup> | 04/25/2021      | Common Stock        | 571,428<br><sup>(2)</sup> <sup>(4)</sup> | \$ 2.3                       | I <sup>(2)</sup> <sup>(4)</sup>                            | By Limited Partnerships <sup>(2)</sup> <sup>(4)</sup> |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| MARXE AUSTIN W & GREENHOUSE DAVID M<br>C/O SPECIAL SITUATIONS FUNDS<br>527 MADISON AVENUE, SUITE 2600<br>NEW YORK, NY 10022 | Â             | Â X       | Â       | Â     |

## Signatures

Austin W.  
Marxe

10/29/2013

\*\*Signature of Reporting Person

Date

David M.  
Greenhouse

10/29/2013

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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). 1,486,442 shares of Common Stock are held by QP, 497,386 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.

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, LP (PE). 357,143 Warrants are owned by QP 120,000 Warrants are owned by Cayman and 94,285 Warrants are owned by PE. The interest of Marxe and Greenhouse in the shares of Warrants owned by QP, Cayman and PE are limited to the extent of his pecuniary interest

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, LP (PE). 284,091 Warrants are owned by QP, 94,697 Warrants are owned by Cayman and 75,758 Warrants are owned by PE. The interest of Marxe and Greenhouse in the shares of Warrants owned by QP, Cayman and PE are limited to the extent of his pecuniary interest.

(4) The warrants described above may be exercised to the extent that the total number of shares of Common Stock then beneficially owned does not exceed 4.99% of the outstanding shares. The holder may request an increase of up to 9.99% of the outstanding shares, effective

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on the 61st day after notice is given to the Company.

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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